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INFLUENZA—PREVALENCE IN THE UNITED STATES.

Influenza has been officially reported to the Public Health Service as more or less extensively prevalent in more than half of the States, representing all sections of the United States. It is evident, therefore, that the epidemic which, so far as this country is concerned, was first reported from Chicago during the week ended January 17, is now becoming general; and while there are still many localities from which no epidemic has yet been reported, it is to be expected that they will be attacked within the course of the next few weeks.

That the epidemic which first appeared in certain large cities and in several States would appear in other sections of the country was, from the first, considered possible, since the most constant characteristic of influenza, when it becomes epidemic, is its wide and rapid spread, surpassing that of any other known disease. What could not be foretold was the probable seriousness of the epidemic—that is, its effect upon the death rate—because, in respect to fatality, epidemics of influenza vary enormously, and past experience affords no certain basis for predictions. Even now it is impossible to make an accurate estimate of the seriousness of the situation, since the epidemic is still on the increase and statistics of deaths, during recent weeks are not available yet, except for large cities where deaths are reported promptly and where the records of past years afford a basis for comparison with the "normal" death rates from influenza and pneumonia.

The Public Health Service is now receiving, through the health departments of a number of States, daily telegraphic reports of the number of cases of influenza and of deaths from influenza and pneumonia (all forms). In addition to these reports the weekly summaries of deaths from all causes and from influenza and pneumonia, secured from over 40 large cities by the Bureau of the Census, are made immediately available.

Morbidity Reports.

The number of cases of influenza occurring in various States, as far as they have been reported by State health departments to the Public Health Service, are tabulated as they come in, and the weekly totals for January, 1920, including the week ended January 31, are presented in the following table:

TABLE I.—*Influenza case reports. Number of cases of influenza occurring in various States as reported to the Public Health Service by State health departments.*

[States omitted are those from which no reports have been received. Blank spaces indicate that no report was received for the week.]

State.	Average per week in December, 1919.	Week ended January—				
		3	10	17	24	31
Alabama.....	5				8	203
Arkansas.....	26	52	35	53	179	595
California.....	24		24	264	1,244	6,615
Connecticut.....	5	1		14	1,123	4,664
Delaware.....	3	1	1		5	21
District of Columbia.....				126	1,216	1,616
Florida.....	6	14	2	10	484	1,547
Georgia.....	25	10	27	27	95	617
Idaho.....			88	270		2,783
Illinois.....	55	60	73	3,251	14,805	29,156
Indiana.....	41	31	18	44	1,714	
Iowa.....	3	1	10	30	644	3,960
Kansas.....	11	22	17	45	1,130	8,582
Kentucky.....	44	41	45	75		178
Louisiana.....	13	32	52	27	123	763
Maine.....	2	7	1	4		387
Massachusetts.....	31	41	40	54		3,730
Minnesota.....						5,775
Missouri.....						4,045
Montana.....	3	2		1	45	1,159
Nebraska.....	1		2	1	154	1,815
New Jersey.....	28	22	23	98	753	7,365
New Mexico.....	3	2	8	4	61	290
New York (exclusive of New York City).....	36	52	31	61	555	4,755
North Carolina.....						3,356
South Carolina.....						1,661
South Dakota.....	1					
Vermont.....	1				25	89
Virginia.....						3,097
Washington.....	1				12	902
West Virginia.....						1,667
Wisconsin.....	3	6	3	67	1,944	6,739
Wyoming.....						1,372
Total.....	362	397	501	4,526	26,319	109,482
Number of States reporting.....	30	21	10	21	21	31

These case reports are, of course, extremely incomplete. Even for specific localities they can not be depended upon to do more than afford an indication (in advance of mortality reports) of possibly an epidemic condition. The mildness of the disease, which is rather generally commented upon, is probably causing physicians to hesitate to report cases as influenza until, in any given locality, the belief becomes somewhat common that the disease is influenza. Where such a belief has become general it is probable that the reports are much more complete than during the epidemic of 1918, for a number of reasons, among which may be mentioned the fact that the profession is not depleted as it was in 1918. Comparisons of the case fatality of influenza as indicated by ratios of deaths to reported cases at the present time with that indicated in 1918 are certain to be grossly misleading unless the fatality of a sufficiently large sample of specific cases in different ages is ascertained.

Mortality Reports.

The only dependable index of the course of the epidemic is afforded by mortality reports. The weekly summaries for over 40 cities for

December and January, furnished by the Bureau of the Census in its "Weekly Health Index," supplemented in certain instances by reports to the Public Health Service, are shown in Table II. In order to afford a better basis for comparing cities, annual death rates per 100,000 population from influenza and pneumonia (all forms) have been computed for each week and are shown in Table III. In the same table is shown the annual rate for the median year of the 7-year period, 1910-1916, for December and January, as well as for the week ended January 31, so that the rates for 1920 can be compared with what is a rough "normal" rate for the season. It is essential in arriving at any estimate of the influence of the epidemic that consideration should be given to the normal seasonal rate, especially since the death rate for influenza and pneumonia is ordinarily on the increase at this time of the year. The median year has been used instead of a mean, for the reason that the mean (i. e., arithmetic average) is affected by exceptionally high or low years. Any average, of course, whether it be a mean or a median, is, at best, a very crude indication of the normally expected rate, but it is sufficiently accurate for the purpose in hand.

TABLE II.—Deaths from influenza and pneumonia (all forms) in certain large cities, by weeks, in December, 1919, and January, 1920.

City.	December.				January.				
	1919: Week ended—				1920: Week ended—				
	6	13	20	27	3	10	17	24	31
Albany, N. Y.	4	5	5	6	6	3	2	3	14
Atlanta, Ga.	113	18	19	16	16	19	110	110	15
Baltimore, Md.	21	28	32	28	30	20	35	24	59
Birmingham, Ala.	18	8	11	9	11	13	18	16	14
Boston, Mass.	9	21	10	23	24	28	28	45	85
Buffalo, N. Y.	15	9	8	15	13	10	7	19	17
Cambridge, Mass.	1	1	4	2	4	8	7	8	14
Chicago, Ill.	57	80	92	93	98	107	153	472	1,109
Cincinnati, Ohio.	7	11	15	17	18	14	12	17	25
Cleveland, Ohio.	21	17	23	14	28	21	25	26	41
Columbus, Ohio.	5	8	7	3	5	15	9	8	22
Dayton, Ohio.	1	6	5	1	7	4	7	13	46
Denver, Colo.	11	8	10	11	15	21	18	24	19
Fall River, Mass.	2	3	5	3	3	7	10	5	3
Grand Rapids, Mich.	3	2	4	2	3	1	4	2	6
Indianapolis, Ind.	8	11	12	13	13	18	16	21	36
Jersey City, N. J.	5	18	13	19	12	14	14	24	64
Kansas City, Mo.	9	14	(¹)	12	12	13	29	96	110
Los Angeles, Calif.	13	11	16	6	13	16	18	19	8
Louisville, Ky.	11	7	4	10	9	10	10	9	18
Lowell, Mass.	4	4	2	5	3	5	4	2	7
Memphis, Tenn.	9	12	8	8	15	12	12	11	10
Milwaukee, Wis.	10	16	21	15	15	25	13	45	141
Minneapolis, Minn.	5	14	11	10	20	12	10	9	46
Nashville, Tenn.	9	10	7	4	4	6	11	6	12
Newark, N. J.	9	13	9	9	15	17	14	30	55
New Haven, Conn.	6	6	8	6	11	6	8	10	19
New Orleans, La.	11	16	11	20	18	27	27	27	32
New York, N. Y.	137	149	162	175	195	218	261	511	1,308
Oakland, Calif.	6	2	3	5	7	4	8	20	12
Omaha, Neb.	4	5	6	2	5	4	7	13	45
Philadelphia, Pa.	57	51	69	43	64	55	75	108	153
Pittsburgh, Pa.	38	30	31	36	55	47	53	55	76
Portland, Oreg.	13	15	19	15	14	13	18	19	(⁴)
Providence, R. I.	2	6	10	11	6	12	13	8	14
Richmond, Va.	3	5	1	2	6	2	9	6	21
Rochester, N. Y.	8	7	5	4	8	13	7	12	23

¹ Deaths from pneumonia (all forms) only.

² Figures from telegraphic reports to Public Health Service.

³ Deaths from influenza only; no report of deaths from pneumonia.

⁴ No report.

TABLE II.—Deaths from influenza and pneumonia (all forms) in certain large cities, by weeks, in December, 1919, and January, 1920—Continued.

City.	December.				January.				
	1919: Week ended—				1920: Week ended—				
	6	13	20	27	3	10	17	24	31
St. Louis, Mo.....	27	27	33	35	47	57	41	73	236
St. Paul, Minn.....	7	1	8	7	7	4	(1)	26	* 72
San Francisco, Calif.....	10	11	11	15	20	14	26	48	59
Seattle, Wash.....	5	9	7	7	9	* 2	4	7	12
Spokane, Wash.....	3	2	5	2	0	4	3	3	* 1
Syracuse, N. Y.....	4	4	2	6	6	9	8	10	31
Toledo, Ohio.....	3	7	8	3	8	9	8	9	18
Washington, D. C.....	13	19	23	14	32	22	27	81	181
Worcester, Mass.....	11	13	6	6	5	10	9	7	14

¹ No reports. — ² Figures from telegraphic reports to Public Health Service. — ³ Deaths from pneumonia (all forms) only. — ⁴ Deaths from influenza only; no report of deaths from pneumonia.

TABLE III.—Annual death rate per 100,000 from influenza and pneumonia (all forms) by weeks in December, 1919, and January, 1920, compared with that of the corresponding month for the median year (of 1910–1916).

City.	December.				January.					For week ended Jan. 31 in median year of period 1910–1916.		
	Average for median year of period 1910–1916.	1919: Week ended—				Average for median year of period 1910–1916.	1920: Week ended—					
		6	13	20	27		3	10	17		24	31
Albany, N. Y.....	222	185	232	232	278	407	278	189	93	139	649	407
Atlanta, Ga.....	269	1336	1207	1233	1155	223	1155	491	1258	1258	388	238
Baltimore, Md.....	281	163	218	249	218	370	233	156	272	187	459	358
Birmingham, Ala.....	298	475	211	290	237	298	290	* 343	* 211	423	369	325
Boston, Mass.....	251	60	139	(*)	153	301	159	186	186	2* 9	564	298
Buffalo, N. Y.....	211	165	99	88	165	212	143	110	77	209	187	214
Cambridge, Mass.....	229	47	47	187	94	267	187	374	328	374	655	264
Chicago, Ill.....	251	114	161	185	187	344	197	215	307	948	2, 222	342
Cincinnati, Ohio.....	194	87	137	187	212	261	224	175	150	212	312	271
Cleveland, Ohio.....	185	136	109	148	190	174	180	135	161	167	264	173
Columbus, Ohio.....	219	116	185	162	69	213	116	347	208	185	509	210
Dayton, Ohio.....	176	40	239	200	40	269	279	160	279	519	1, 836	269
Fall River, Mass.....	202	81	122	203	122	317	122	284	406	203	122	368
Grand Rapids, Mich.....	90	115	77	154	77	153	115	39	154	77	231	154
Indianapolis, Ind.....	167	144	198	215	233	278	154	323	1287	377	646	260
Jersey City, N. J.....	261	82	294	149	311	295	196	229	229	393	1, 047	292
Kansas City, Mo.....	182	150	233	(*)	199	266	199	216	482	1, 5 5	1, 828	284
Los Angeles, Calif.....	161	119	101	147	55	189	165	147	165	174	* 73	183
Louisville, Ky.....	185	236	150	86	215	230	193	215	215	193	387	239
Lowell, Mass.....	236	191	191	96	239	317	143	293	191	96	335	308
Memphis, Tenn.....	271	303	404	270	270	330	505	404	404	371	337	327
Milwaukee, Wis.....	151	115	69	241	172	182	172	287	149	517	1, 621	187
Minneapolis, Minn.....	138	68	190	150	136	223	272	163	136	122	* 625	228
Nashville, Tenn.....	294	394	437	306	175	313	175	262	481	262	525	333
Newark, N. J.....	227	109	158	109	109	277	182	207	170	365	669	261
New Haven, Conn.....	266	202	202	269	202	440	370	202	269	337	640	432
New Orleans, La.....	248	150	218	150	273	324	246	368	368	368	436	344
New York, N. Y.....	242	137	149	162	175	266	195	218	261	511	1, 308	277
Oakland, Calif.....	185	146	49	73	122	170	170	97	195	487	* 282	157
Omaha, Nebr.....	247	116	145	174	347	274	145	116	202	376	1, 302	294
Philadelphia, Pa.....	223	169	151	204	127	200	189	163	222	320	458	290
Pittsburgh, Pa.....	330	334	264	272	316	393	483	413	466	483	668	388
Providence, R. I.....	203	40	119	158	218	294	119	237	287	158	277	315
Richmond, Va.....	171	97	162	32	65	365	195	65	292	195	681	373
Rochester, N. Y.....	255	158	138	98	79	225	158	256	138	236	453	218
St. Louis, Mo.....	242	180	180	221	234	314	314	381	274	488	1, 578	300
St. Paul, Minn.....	135	142	20	162	142	163	142	81	(*)	596	1, 457	159
San Francisco, Calif.....	212	109	120	120	163	215	218	153	283	523	643	181
Syracuse, N. Y.....	167	129	129	65	194	200	194	291	258	323	1, 001	217
Toledo, Ohio.....	123	60	139	159	60	183	159	179	159	179	358	202
Washington, D. C.....	213	169	247	299	182	264	415	286	351	1, 062	2, 350	278
Worcester, Mass.....	202	330	390	180	180	325	150	300	270	210	420	341

¹ Deaths from pneumonia only. — ² Figures from telegraphic reports to Public Health Service. — ³ Death from influenza only. — ⁴ Unofficial figures. — ⁵ No reports received.

Figures as published in weekly Public Health Report of earlier dates relating to deaths in weeks prior to that ended Jan. 31 have been revised according to more recent reports.

According to information furnished in the Weekly Health Index the death rates from influenza and pneumonia, from May, 1919, to January 1, 1920, were quite generally below the usual average, and there was no significant increase in the death rate until the week ended January 17, when, with the beginning of the influenza epidemic in Chicago, the death rate from influenza and pneumonia in that city increased sharply, but still not in excess of the average for the season. Since then there has been a progressive increase each week in the influenza and pneumonia death rate in Chicago, and similar progressive increases, showing unmistakably the effect of the epidemic, or at least a significant increase in the week ended January 31, have taken place in New York City, Washington, Milwaukee, Kansas City, St. Louis, Cleveland, San Francisco, Albany, Atlanta, Baltimore, Cambridge, Columbus, Dayton, Indianapolis, Jersey City, Louisville, Minneapolis, Newark, New Haven, Philadelphia, Pittsburgh, Richmond, Rochester, St. Paul, Syracuse, and Toledo. Most of those cities showing progressive increases, it will be noted, are middle western cities. No significant increase in death rate has been reported from the rest of the 45 cities, although in some of them the death rate which, up to January 1, was below the seasonal average, has risen to at least the usual average.

The increase over the seasonal "normal" of the death rate from influenza and pneumonia (all forms) in certain cities which have shown the influence of the epidemic for two or three weeks is shown in Table IV. Since the increase is expressed in rates, comparisons are possible, not only of weeks but also of cities.

TABLE IV.—Comparison of the annual death rate per 100,000 from influenza and pneumonia (all forms) for each week in January, 1920, with that for the corresponding week of the median year of the period 1910–1916,¹ and the excess for 1920, in certain large cities.

City.	January, 1920, week ended—				
	3	10	17	24	31
Chicago:					
Rate in 1920	197	215	307	948	2,227
Rate for median year	303	333	344	344	341
Excess in 1920	-106	-118	-37	604	1,886
New York:					
Rate in 1920	195	218	261	476	1,308
Rate for median year	256	250	265	270	276
Excess in 1920	-61	-42	-4	206	1,032
Milwaukee:					
Rate in 1920	172	287	149	517	1,621
Rate for median year	170	176	181	185	188
Excess in 1920	-2	111	-32	332	1,433
Washington:					
Rate in 1920	415	286	351	1,052	2,350
Rate in median year	252	262	270	278	284
Excess in 1920	163	24	81	774	2,066
St. Louis:					
Rate in 1920	314	381	274	488	1,578
Rate for median year	298	309	312	310	300
Excess in 1920	16	72	-38	178	1,278
Kansas City:					
Rate in 1920	199	216	482	1,595	1,828
Rate for median year	232	250	263	274	284
Excess in 1920	-33	-34	219	1,321	1,544

¹ The weekly rates for the median year in the period 1910–1916 have been approximated by plotting the rate for the median year for each month (thus affording a rough "normal" seasonal curve) for each city and then by reading from the curve the indicated median rate at the mid-point for each week

A matter of extreme interest at the present time, naturally, is the outlook for the immediate future. How long is the present epidemic in any locality going to last? What will be its toll in increased mortality? To what extent will it spread?

Obviously it is too early at this writing (Feb. 4) to answer any of these questions, even if there were a basis for prediction. The course of the epidemic in 1918 varied so widely in different localities that no common or constant curve of it has as yet been expressed in mathematical terms. Were such a formula empirically possible from the 1918 epidemic, there is no assurance that it would afford us any accurate foundation for estimating in advance the course and the effect of this one. The "laws" of epidemic influenza have not been discovered, although certain interesting and possibly important facts are being ascertained.

A comparison of the course of the present epidemic or epidemic wave with that in 1918 may, however, afford some idea of its probable course. In order to afford material for such a comparison, the weekly excess over the "normal" seasonal mortality rate from influenza and pneumonia (all forms) has been computed for the period September 8 to November 30, 1918, for four large cities and is given in Table V. These excess rates may be compared with those given in Table IV. Similar computations for certain other cities were not completed in time for publication but will be presented later.

TABLE V.—*Excess of death rate from influenza and pneumonia (all forms) by weeks, September 8 to November 30, 1918, over that in corresponding week of median year (1910-1916) in certain large cities.*¹

City.	Excess over corresponding week of median year.—Annual rate per 100,000.											
	September.			October.				November.				
	14	21	28	5	12	19	26	2	9	16	23	30
Chicago.....	- 53	- 50	- 78	728	1,988	4,098	4,627	2,801	1,311	599	304	223
New York.....	- 20	11	93	629	2,010	4,107	5,091	4,259	2,123	885	743	224
Milwaukee.....	- 4	- 4	91	103	711	1,215	1,328	971	675	427	873	
Washington.....	68	52	373	2,175	6,240	7,989	4,957	2,240	584	395	313	365

¹ The weekly rates for the median year in the period 1910-1916 have been approximated by plotting the rate for the median year for each month (thus affording a rough "normal" seasonal curve) for each city, and then by reading from the curve the indicated median rate at the mid point for each week. The excess has been found by subtracting this median rate from the actual rate for each week in 1918. When the difference is "minus" it is so indicated.

Some difficulty will be found at this stage of the present epidemic in fitting the 1918 and 1920 curves, since in some of the cities the 1920 rates have been considerably below that of the "normal." It would appear that proper consideration should be given to the increase, not only above the "normal," as shown by the median year

of the period 1910-1916, but above the January, 1920, rate. Allowing for these conditions, and plotting the two sets of rates as well as the percentages of increase from week to week, the indications at this writing are that the 1920 epidemic in Chicago and Milwaukee, for example, is following the 1918 epidemic very closely, both in its course and in its severity; but that in New York and Washington, for example, the course of the two epidemics is fairly similar, although the 1920 epidemic is not nearly so severe.

With certain exceptions, the present epidemic so far has shown itself to be of decidedly less serious aspect than the one of 1918, using the excess mortality rate as the measure of severity. The highest death rates in the 1918 epidemic were reached in most cities in four weeks from the date on which the epidemic first manifested itself in the respective cities; so that, according to this experience and in view of the general similarity of the curves up to this time, a decline may be expected in Chicago, New York, and perhaps other cities, in the next week or two. It will then be possible to form a more accurate estimate of the course and of the severity of this epidemic in other cities where it is not yet at or near its maximum.

With respect to the spread of the present epidemic in the first three weeks, a comparison with the area of extension of the 1918 epidemic indicates that the two are very nearly on a parity.

OCCURRENCE OF MALARIA AND ANOPHELINE MOSQUITOES IN MIDDLE AND SOUTHERN CALIFORNIA.

By WILLIAM B. HERMS, Associate Professor of Parasitology, University of California, and Consulting Entomologist of the California State Board of Health.

A State-wide malaria-mosquito survey of California was begun in the spring of 1916¹ and carried on during the summer of that year and a portion of the following summer (1917) when the work was interrupted on account of the war. This survey was again taken up in 1919, and was completed during the summer of that year. A report of the work done during 1916 in the northern third of the State has already been published;² this report presents a summary of the work done in the middle and southern portions of the State.

The survey of the northern third of the State covered 31 counties, and resulted in a total of 289 mosquito collections, consisting of 2,769 specimens, of which 38 per cent were anopheline mosquitoes (62.8 per cent *A. quadrimaculatus*, 15.1 per cent *A. punctipennis*,

¹ Herms, William B., A State-wide Malaria-Mosquito Survey of California: Journ. Econ. Entomology, vol. 10, No. 3, pp. 359-370, 1917.

² Herms, William B., Occurrence of Malaria and Anopheline Mosquitoes in Northern California: U. S. Public Health Reports, vol. 34, No. 29, July 18, 1919, pp. 1579-1587.

and 22.1 per cent *A. pseudopunctipennis*). The average annual malaria death rate for the 10-year period, 1909-1918, for these counties was 4.9 per 100,000 population.

The survey of the middle portion of the State covered 20 counties extending from the southern border of El Dorado, Sacramento, Contra Costa, Alameda, and San Mateo Counties, to the Tehachapi Mountains, and including the following counties, grouped to accord more or less with the arrangement of the northern counties:

A. San Joaquin Valley counties: Fresno, Kern, Kings, Madera, Merced, San Joaquin, Stanislaus, Tulare.

B. Sierra counties: Amador, Calaveras, Tuolumne, Mariposa.

C. Plateau counties: Alpine, Inyo, Mono.

D. Coastal counties: Monterey, San Benito, San Luis Obispo, Santa Clara, Santa Cruz.

A total of 213 mosquito collections were made during the survey of these counties, consisting of 2,806 mosquitoes, of which 31.1 per cent were anophelines (46 per cent *A. quadrimaculatus*, 10.9 per cent *A. punctipennis*, and 43.1 per cent *A. pseudopunctipennis*). The average annual malaria death rate for the 10-year period, 1909-1918, for these middle California counties was 4.7 per 100,000 population.

The following counties comprise that portion of the State designated as southern California in this report:

A. Coastal counties: Los Angeles, Orange, Riverside, Santa Barbara, San Diego, Ventura.

B. Desert counties: Imperial, San Bernardino.

A total of 71 mosquito collections were made in southern California (8 counties), consisting of 814 mosquitoes, of which 49.6 per cent were anophelines (30.5 per cent *A. quadrimaculatus*, 0.2 per cent *A. punctipennis* and 69.3 per cent *A. pseudopunctipennis*). The average annual malaria death rate for the 10-year period, 1909-1918, for this portion of the State was 0.9 per 100,000 population.

The malaria death rate by counties, as well as the occurrence of mosquitoes, is presented in the following tables:

TABLE I.—Number of deaths from malaria, and average annual death rate per 100,000 population for middle California for 10 years, 1909-1918, inclusive.

	Population. ¹			Deaths from malaria.			Malaria death rate per 100,000 population (annual).		
	1909-1913 inclusive.	1914-1918 inclusive.	1909-1918 inclusive.	1909-1913 inclusive.	1914-1918 inclusive.	1909-1918 inclusive.	1909-1913 inclusive.	1914-1918 inclusive.	1909-1918 inclusive.
San Joaquin Valley counties:									
Fresno.....	401,408	497,094	898,502	23	24	47	5.6	4.8	5.2
Kern.....	201,567	255,327	456,894	16	19	35	7.9	7.4	7.6
Kings.....	85,040	101,140	186,180	23	5	28	27.6	4.8	15.0
Madera.....	43,065	48,140	91,205	1	2	3	2.3	2.1	2.2
Merced.....	79,370	94,390	173,760	11	4	15	13.9	4.2	8.6
San Joaquin.....	263,003	301,684	564,687	21	6	27	8.0	1.9	4.8
Stanislaus.....	120,547	153,386	273,933	7	4	11	5.8	2.6	4.0
Tulare.....	187,640	230,844	418,484	18	10	28	9.6	4.3	6.7
Total.....	1,381,640	1,682,005	3,063,645	120	73	193	8.7	4.3	6.3
Sierra counties:									
Amador.....	45,593	45,430	91,023	13	3	16	28.5	6.6	17.6
Calaveras.....	46,018	45,855	91,873	8	7	15	17.4	15.2	16.3
Tuolumne.....	49,990	49,895	99,885	1	2	3	2.0	4.0	3.0
Mariposa.....	19,841	19,780	39,621	0	0	0	0	0	0
Total.....	161,442	160,960	322,402	22	12	34	13.6	7.5	10.5
Plateau counties:									
Alpine.....	1,561	1,545	3,106	0	0	0	0	0	0
Inyo.....	36,460	43,035	79,495	1	0	1	2.8	0	1.3
Mono.....	10,220	10,210	20,430	0	0	0	0	0	0
Total.....	48,241	54,790	103,031	1	0	1	2.1	0	.9
Coastal counties:									
Monterey.....	123,646	135,710	259,356	0	1	1	0	.7	.4
San Benito.....	41,066	44,631	85,697	2	0	2	4.8	0	2.3
San Luis Obispo.....	98,595	105,546	204,141	3	2	5	3.0	1.9	2.4
Santa Clara.....	431,965	491,010	922,975	3	3	6	.7	.6	.6
Santa Cruz.....	133,532	145,248	278,880	5	1	6	3.7	.7	2.1
Total.....	828,804	922,145	1,751,049	13	7	20	1.6	.8	1.1
Grand total.....	2,420,127	2,819,900	5,240,127	156	92	248	6.4	3.2	4.7

TABLE II.—Number of deaths from malaria, and average annual death rate per 100,000 population for southern California for 10 years, 1909-1918, inclusive.

	Population. ¹			Deaths from malaria.			Malaria death rate per 100,000 population (annual).		
	1909-1913, inclusive.	1914-1918, inclusive.	1909-1918, inclusive.	1909-1913, inclusive.	1914-1918, inclusive.	1909-1918, inclusive.	1909-1913, inclusive.	1914-1918, inclusive.	1909-1918, inclusive.
Coastal counties:									
Los Angeles.....	2,724,900	3,570,045	6,294,945	38	14	52	1.3	0.4	0.8
Orange.....	181,198	218,515	399,713	2	1	3	1.0	.5	.7
Riverside.....	183,757	226,287	410,044	0	5	5	.0	2.2	1.2
Santa Barbara.....	144,077	166,365	310,442	3	0	3	2.1	.0	1.0
San Diego.....	328,298	411,579	739,877	3	2	5	.9	.5	.7
Ventura.....	94,173	104,245	198,418	2	2	4	2.1	2.0	2.0
Total.....	3,656,403	4,697,036	8,353,439	48	24	72	1.3	.5	.9
Desert counties:									
Imperial.....	72,555	90,960	163,515	3	3	6	4.1	3.3	3.6
San Bernardino.....	301,135	373,990	675,125	1	0	1	.3	.0	.1
Total.....	373,690	464,950	838,640	4	3	7	1.7	.7	.8
Grand total.....	4,030,093	5,161,986	9,192,079	52	27	79	1.3	.5	.9

¹ The population figures given are the total added populations of each year during the period and are not the actual populations. These figures are used in order to compute more conveniently the annual death rates for the periods which they cover.

TABLE III.—Occurrence and distribution of anopheline mosquitoes in middle California, based on results of malaria-mosquito survey made in 1917 and 1919.

	Number of collections made.	Total number of mosquitoes of all species collected.	Total number of anophelines.	Total number of A. quadrimaculatus.	Total number of A. punctipennis.	Total number of A. pseudopunctipennis.	Total per cent anophelines.	Per cent, A. quadrimaculatus of anophelines collected.	Per cent, A. punctipennis of anophelines collected.	Per cent, A. pseudopunctipennis of anophelines collected.	Annual malaria death rate per 100,000 population; average for 10 years.
San Joaquin Valley counties:											
Fresno.....	23	238	33	18	12	3	14	54	36		5.2
Kern.....	16	270	49	15	1	33	18	21	9	67	7.6
Kings.....	10	228	44	25	2	17	19	57	5	38	15.0
Madera.....	9	127	33	14	0	19	26	42	0	58	2.2
Merced.....	28	469	206	122	12	66	43	61	6	33	8.6
San Joaquin.....	32	356	113	93	2	18	32	82	3	16	4.8
Stanislaus.....	9	123	33	14	1	18	27	42	3	55	4.0
Tulare.....	22	401	140	49	37	54	35	35	26	39	6.7
Total.....	149	2,212	645	350	67	228	29.1	54.3	10.4	35.3	6.3
Sierra counties:											
Amador.....	3	30	7	0	7	0	23	0	100	0	17.6
Calaveras.....	4	37	29	0	3	26	78	0	10	90	16.3
Tuolumne.....	6	63	15	0	7	8	24	0	47	53	3.0
Mariposa.....	6	58	31	0	0	31	53	0	0	100	0.0
Total.....	19	188	82	0	17	65	43.1	0	20.7	79.3	10.5
Plateau counties:											
Alpine.....	2	14	0	0	0	0	0	0	0	0	0.0
Inyo.....	5	42	0	0	0	0	0	0	0	0	1.3
Mono.....	4	17	0	0	0	0	0	0	0	0	0.0
Total.....	11	73	0	0	0	0	0	0	0	0	.9
Coastal counties:											
Monterey.....	5	22	19	3	0	16	86	16	0	84	0.4
San Benito.....	4	47	28	9	0	19	60	32	0	68	2.3
San Luis Obispo.....	7	66	39	15	0	24	59	38	0	62	2.4
Santa Clara.....	14	170	46	21	11	14	27	24	30	30	0.6
Santa Cruz.....	4	28	14	4	0	10	50	49	24	71	2.1
Total.....	34	333	146	52	11	83	43.8	35.6	7.5	56.8	1.1
Grand total.....	213	2,803	873	402	95	376	31.1	46.0	10.9	43.1	4.7

TABLE IV.—Occurrence and distribution of anopheline mosquitoes in southern California, based on results of malaria-mosquito survey made in 1917 and 1919.

	Number of collections made.	Total number of mosquitoes of all species collected.	Total number of anophelines.	Total number of A. quadrimaculatus.	Total number of A. punctipennis.	Total number of A. pseudopunctipennis.	Total per cent anophelines.	Per cent, A. quadrimaculatus of anophelines collected.	Per cent, A. punctipennis of anophelines collected.	Per cent, A. pseudopunctipennis of anophelines collected.	Annual malaria death rate per 100,000 population; average for 10 years.
Coastal counties:											
Los Angeles.....	9	55	2	0	0	2	4	0	0	100	0.8
Orange.....	3	18	9	8	0	1	50	96	0	11	0.7
Riverside.....	3	117	89	43	1	45	76	48	1	51	1.2
Santa Barbara.....	9	98	37	1	0	36	38	3	0	97	1.0
San Diego.....	20	258	140	13	0	127	54	4	0	91	0.7
Ventura.....	13	152	101	49	0	52	55	43	0	52	2.0
Total.....	62	728	378	114	1	263	51.9	30.2	0.2	69.6	0.9
Desert counties:											
Imperial.....	5	35	0	0	0	0	0	0	0	0	3.6
San Bernardino.....	4	51	26	9	0	17	51	35	0	65	0.1
Total.....	9	86	26	9	0	17	30	35	0	65	0.8
Grand total.....	71	814	404	123	1	280	49.6	30.5	0.2	69.3	0.9

TABLE V.—Table of summaries showing occurrence and distribution of anopheline mosquitoes in California and the average annual malaria death rate per 100,000 population for 10 years, 1909–1918, inclusive.

	Number of collections made.	Total number of mosquitoes of all species collected.	Total number of anophelines.	Total number of <i>A. quadrimaculatus</i> .	Total number of <i>A. punctipennis</i> .	Total number of <i>A. pseudopunctipennis</i> .	Total per cent anophelines.	Per cent <i>A. quadrimaculatus</i> of anophelines collected.	Per cent <i>A. punctipennis</i> of anophelines collected.	Per cent <i>A. pseudopunctipennis</i> of anophelines collected.	Annual malaria death rate per 100,000 population; average for 10 years (1909–1918, inclusive).
Sacramento Valley counties ¹ ...	97	1,066	560	460	38	62	52.5	82.1	6.8	11.1	10.9
San Joaquin Valley counties....	149	2,212	645	350	67	228	29.1	54.3	10.4	35.3	6.3
Sierra counties:											
Northern.....	48	330	139	22	93	24	42.1	15.8	66.9	17.3	9.1
Middle.....	19	188	82	0	17	65	43.1	0	20.7	79.3	10.5
Plateau counties:											
Northern.....	15	239	28	28	0	0	11.7	100	0	0	3.5
Middle.....	11	73	0	0	0	0	0	0	0	0	0.9
Coastal counties:											
Northern.....	78	637	120	21	11	88	18.8	17.5	9.1	73.4	0.9
Middle.....	34	333	146	52	11	83	43.8	35.6	7.5	56.8	1.1
Southern.....	62	728	378	114	1	263	51.9	30.2	0.2	69.6	0.9
Northern California.....	289	2,769	1,052	661	159	232	38	62.8	15.1	22.1	4.9
Middle California.....	213	2,906	873	402	95	376	31.1	46.0	10.9	43.1	4.7
Southern California.....	71	814	404	123	1	280	49.6	30.5	0.2	69.3	0.9
Grand total for State.....	573	6,389	2,329	1,186	255	888	36.4	50.9	11.0	38.1	2.9

¹ Summary for these counties as well as for the other northern groups is taken from the report on northern California, loc. cit.

Summary and Conclusions.

Comparing the average annual death rate per 100,000 population of northern California and middle California (Table V), it will be seen that the rate is almost the same, namely, 4.9 for the former and 4.7 for the latter. Furthermore, the percentage of anophelines taken in both divisions of the State is not widely divergent, being 38 per cent in the northern and 31.1 per cent in the middle section; and of these, *A. quadrimaculatus* and *A. punctipennis* combined represented 77.9 per cent of the total in the northern division and 56.9 per cent in the middle division, the remainder being *A. pseudopunctipennis* believed to be negligible as a factor in malaria. These figures stand in rather striking contrast to those of the southern California section, where the average annual malaria death rate is only 0.9 per 100,000 population, and where 49.6 per cent of the mosquitoes collected were anophelines, of which 69.3 per cent were *A. pseudopunctipennis*. It will also be seen that the average number of mosquitoes per collection for these two divisions (northern and middle) was 9.6 for northern California and 13.1 for middle California, indicating a greater abundance of mosquitoes for the latter; but it is interesting to note that the relative number of *A. quadrimaculatus* and *A. punctipennis* com-

bined per collection for these areas was very close, being 2.9 for the northern and 2.3 for the middle area and corresponding more or less closely in proportion to the malaria death rates. The average number of mosquitoes per collection for southern California was 11.4, while the average number per collection of *A. quadrimaculatus* and *A. punctipennis* combined was only 1.7 and the malaria death rate was 0.9 per 100,000.

Although the San Joaquin Valley is commonly regarded as not greatly unlike the Sacramento Valley topographically, it will be seen that the annual malaria death rate for the latter is almost twice as high as the former, being 6.3 per 100,000 for the San Joaquin and 10.9 for the Sacramento Valley. It would appear that this high rate for the latter is explained by the high rate of effective anopheline carriers, since 46.7 per cent of all mosquitoes taken in the Sacramento Valley were *A. quadrimaculatus* and *A. punctipennis* combined, and only 18.8 per cent of all mosquitoes taken in the San Joaquin Valley were of these two species.

While the two groups of Sierra counties, northern and middle, show an approximately equal malaria death rate, namely 9.1 for the former and 10.5 for the latter, there is much divergence in the anopheline mosquito population as indicated by the collections. Owing to a time limit in carrying on the survey during 1919, the middle Sierra counties were not as well covered as had been contemplated; and in the second place, Mariposa County, herein included, presents great variations both in faunal and topographic conditions, factors which are not easily overcome in a classification based on county lines. In spite of this, there is, nevertheless, a high percentage of *A. punctipennis*.

The coastal counties, northern, middle, and southern, show a much more consistent rate both for malaria and for anophelines, i. e., a very low malaria rate and a very high percentage of *A. pseudopunctipennis*, the predominant anopheline.

That the relation between potentially effective anopheline carriers alone and the malaria rate should not be pressed too hard is indicated by the fact that the combined *A. quadrimaculatus* and *A. punctipennis* rate for the San Joaquin Valley stands at 18.8 per cent, with a malaria death rate of 6.3 per 100,000 population, while southern California has a combined *A. quadrimaculatus* and *A. punctipennis* rate of 15.2 per cent and a malaria death rate of only 0.9 per 100,000. In other words, if the potentially effective anopheline rate alone were a sufficient indicator of malaria incidence, southern California should have a much higher rate than it actually has. This seeming discrepancy is readily explained by the fact that the two areas in question are in reality not comparable because of divergent fundamental physical factors which control biological

phenomena. For example, one may travel many miles in the more arid parts of southern California without encountering mosquitoes of any kind, and then he may come to a locality where he suddenly finds them in considerable numbers. They occur in isolated and widely separated spots. Thus, for example, after many miles of travel and careful but unsuccessful search, our party rather suddenly encountered enormous numbers of *A. quadrimaculatus* at a hot springs resort in Riverside County, in a district removed from centers of population. Again, many of the anophelines (*A. quadrimaculatus*) in the southern part of the State were taken in Ventura County, particularly near the city of Ventura where the evening temperature is uniformly quite low, vitally influencing biological interrelationships. The transmission of malaria is dependent upon a combination of factors in addition to the presence of potentially effective mosquito carriers, among them being temperature (both above and below a certain range), proximity of population to anopheline foci, a sufficient production of anophelines, etc.

In spite of seemingly favorable conditions and a careful search for specimens, no anophelines were encountered in the Imperial Valley or in the upper Owens River Valley. It is quite probable that a more extensive search in both Imperial and Inyo Counties may reveal these mosquitoes.

From an examination of the average annual malaria death rates per 100,000 population for the several counties included in this report, it will be seen that the five middle California counties which have the highest rates for the 10-year period, 1909-1918, inclusive, are Amador 17.6, Calaveras 16.3, Kings 15, Merced 8.6 and Kern 7.6. It is of interest to note the shifting in relative position when comparison is made, based on the 2 five-year periods 1909-1913, inclusive, and 1914-1918, inclusive. For the period 1909-1913, inclusive, the order is, Amador 28.5, Kings 27, Calaveras 17.4, Merced 13.9, and Tulare 9.6; while for the period 1914-1918, inclusive, it is, Calaveras 15.2, Kern 7.4, Amador 6.6, Kings 4.8, and Fresno 4.8. Although a notable reduction has been made in the malaria death rate, 3 of the 5 counties still head the list of middle California counties, and 2 of the 5 take rank with the 10 counties having the highest malaria death rate in the State (five-year period, 1914-1918, inclusive), namely, Calaveras third, and Kern ninth place. Amador, Kings, and Fresno counties take their places with the 15 counties having the highest malaria death rate in the State, ranking eleventh, fourteenth, and fifteenth, respectively.

A COURSE IN NURSING SERVICE IN INDUSTRY.

The New York University, School of Commerce, Accounts, and Finance, will offer a course the second semester (February to June, 1920) in Standardization of Nursing Service in Industry. The course is especially arranged for industrial nurses, welfare workers, and those who contemplate entering the field of industrial welfare work.

A genuine solicitude for the physical well-being of employees is a fundamental prerequisite in creating better relations in industry. To-day's workers and employers have not grasped the importance of health to the toiler and the extent to which conditions can be improved so as to eliminate sickness and fatigue, now regarded as the underlying causes of inefficiency in industry.

The course will include lectures and group discussions of up-to-date industrial nursing methods, first-aid service, first-aid equipment, and prevention work in the industrial plant.

Students enrolled in the course will be given an opportunity to make special investigations of nursing problems in large industrial plants, with particular reference to administration and organization.

Special consideration will be given to such topics as—

- (1) Duties and responsibilities of the nurse in small and large industries;
- (2) Methods of teaching the worker and his family how to keep well;
- (3) Most approved methods required for follow-up health service in the plant;
- (4) Relation of the nurse to the industrial community;
- (5) Home nursing and personal hygiene;
- (6) Reducing labor turnover through health measures; and
- (7) Amount of hospital care available for the worker.

The class meets each Monday from 6 to 7.45 p. m., for 15 consecutive weeks, beginning Monday, February 2. The fee for the course of one term is \$12, plus a university fee of \$5, payable in advance. The enrollment will be limited, and applicants must be approved by the director of the department, Prof. Galloway, or by the instructor, Miss Elizabeth H. Bohn.

Further information may be obtained by addressing Prof. Lee Galloway, Director of the Department of Business Management, New York University, School of Commerce, Accounts, and Finance, Room 803C, 32 Waverly Place, on Washington Square, New York City.

DEATHS DURING WEEK ENDED JAN. 31, 1920.

[From the "Weekly Health Index," Feb. 3, 1920, issued by the Bureau of the Census, Department of Commerce.]

Deaths from all causes in certain large cities of the United States during the week ended Jan. 31, 1920, infant mortality (per cent), annual death rates, and comparison with corresponding week of preceding years.

City.	Population July 1, 1918, estimated.	Week ended Jan. 31, 1920.		Average annual death rate per 1,000 ²	Per cent of deaths under 1 year.	
		Total deaths.	Death rate. ¹		Week ended Jan. 31, 1920.	Previous year or years. ³
Albany, N. Y.	112,565	53	24.6	C 19.0	9.4	C 7.3
Atlanta, Ga.	201,732	50	12.9	C 20.4	20.0	C 10.1
Baltimore, Md.	369,081	251	19.5	A 20.8	12.0	A 12.7
Birmingham, Ala.	197,670	50	13.2	A 17.0	24.0	A 12.3
Boston, Mass.	785,245	306	20.3	A 19.7	17.6	A 13.4
Buffalo, N. Y.	473,229	143	15.8	C 14.0	10.5	C 18.9
Cambridge, Mass.	111,432	42	19.7	A 16.2	14.3	A 22.5
Chicago, Ill.	2,596,681	2,058	41.3	A 16.3	10.3	A 16.5
Cincinnati, Ohio.	418,022	140	17.5	C 20.2	5.0	C 8.6
Cleveland, Ohio.	810,306	216	13.9	C 11.0	10.6	C 22.8
Columbus, Ohio.	225,286	76	17.6	C 11.1	6.6	C 8.3
Dayton, Ohio.	130,655	86	34.3	C 14.0	10.5	C 5.7
Denver, Colo.		121			7.4	
Fall River, Mass.	128,392	39	15.8	C 19.9	35.9	C 30.6
Grand Rapids, Mich.	135,450	37	14.2	C 15.4	16.2	C 17.5
Indianapolis, Ind.	290,389	113	20.3	C 16.2	15.0	C 12.2
Jersey City, N. J.	318,770	167	27.3	C 14.9	11.4	C 18.7
Kansas City, Mo.	813,785	238	39.5	C 17.9	6.7	C 13.0
Los Angeles, Calif.	568,495	176	16.1	A 14.6	8.0	A 10.4
Louisville, Ky.	242,707	79	17.0	A 21.3	5.1	C 10.1
Lowell, Mass.	109,081	32	15.3	A 16.9	18.8	A 21.1
Memphis, Tenn.		58		C 27.3	12.1	C 13.6
Milwaukee, Wis.	453,481	256	29.4	A 14.4	12.5	A 22.2
Minneapolis, Minn.	383,442	158	21.5	C 10.1	8.9	C 16.2
Nashville, Tenn.	119,215	41	17.9	C 22.7	19.5	C 5.8
Newark, N. J.	428,684	171	20.8	C 18.2	14.6	C 16.7
New Haven, Conn.	154,865	67	22.6	C 16.8	10.4	C 26.0
New Orleans, La.	382,273	153	20.9	A 21.1	12.4	A 9.4
New York, N. Y.	5,215,879	2,803	28.0	C 17.4	10.2	C 14.4
Oakland, Calif.	214,206	64	15.6	A 13.1	9.4	A 12.9
Omaha, Nebr.	180,264	74	21.4	C 11.0	14.9	C 13.2
Philadelphia, Pa.	1,761,371	619	18.3	A 16.9	9.2	A 14.4
Pittsburgh, Pa.	593,303	199	17.5	C 19.6	13.1	C 10.3
Portland, Oreg.		84			9.5	C 12.2
Providence, R. I.	263,613	103	20.4	C 18.2	7.8	C 10.9
Richmond, Va.	160,719	72	23.4	C 21.1	5.6	C 18.5
Rochester, N. Y.	264,856	76	15.0	C 14.0	14.5	C 15.5
St. Louis, Mo.	779,951	473	31.6	C 15.2	7.6	C 9.6
St. Paul, Minn.	257,699	133	26.9	C 10.7	5.3	C 13.2
San Francisco, Calif.	478,530	210	22.9	C 16.9	6.7	C 2.6
Seattle, Wash.		83			12.0	A 13.2
Spokane, Wash.		37			5.4	C 23.8
Syracuse, N. Y.	161,404	75	24.2	C 13.2	9.3	C 12.2
Toledo, Ohio.	262,234	86	17.1	A 13.7	14.0	A 16.1
Washington, D. C.	401,681	334	43.4	A 19.4	8.4	A 9.7
Worcester, Mass.	173,650	68	20.4	C 15.9	14.7	C 11.3

¹ Annual rates per 1,000 estimated population.

² "A" indicates data for the corresponding week of the years 1913 to 1917, inclusive. "C" indicates data for the corresponding week of the year 1917.

³ Population estimated as of July 1, 1919.

⁴ Data are based on statistics of 1915, 1916, and 1917.

Summary of information received by telegraph from industrial insurance companies for week ended Jan. 31, 1920.

Policies in force.....	41,939,266
Number of death claims.....	8,793
Death claims per 1,000 policies in force, annual rate.....	10.9

PREVALENCE OF DISEASE.

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

UNITED STATES.

CURRENT STATE SUMMARIES.

Telegraphic Reports for Week Ended Jan. 31, 1920.

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

ALABAMA.	Cases.		CONNECTIONS.
Cerebrospinal meningitis.....	1	Cerebrospinal meningitis:	Cases.
Chicken pox.....	24	Naugatuck.....	1
Diphtheria.....	28	Waterbury.....	1
Influenza.....	203	Chicken pox.....	61
Malaria.....	4	Diphtheria:	
Measles.....	22	Bridgeport.....	8
Mumps.....	10	Derby.....	5
Pneumonia (all forms).....	26	Hartford.....	5
Scarlet fever.....	12	New Haven.....	12
Smallpox.....	60	Waterbury.....	12
Tuberculosis (pulmonary).....	19	Scattering.....	29
Typhoid fever.....	9	Erysipelas.....	2
Whooping cough.....	11	German measles.....	3
		Gonorrhoea.....	41
		Influenza:	
CALIFORNIA.		Bridgeport.....	288
Cerebrospinal meningitis:		Danbury (city).....	89
Los Angeles.....	1	Greenwich.....	131
San Francisco.....	2	Hartford.....	551
Tulare.....	1	Manchester.....	136
Influenza.....	6,615	Meriden (city).....	158
Leprosy:		New Britain.....	354
San Francisco.....	1	New Haven.....	260
Lethargic encephalitis.....	3	New London.....	158
Poliomyelitis:		Newrich (city).....	158
Fresno County.....	1	Thomaston.....	112
Smallpox:		Waterbury.....	1,101
Chico.....	6	Watertown.....	110
Los Angeles.....	12	Scattering.....	1,058
Los Angeles County.....	6	Measles:	
Porterville.....	4	Ansonia.....	11
San Francisco.....	10	Bridgeport.....	38
San Jaquin County.....	6	Danbury (city).....	9
Scattering.....	33	Easton.....	18
Typhoid fever:		Enfield.....	19
Los Angeles.....	5	Farmington.....	8
Scattering.....	5		

CONNECTICUT—continued.

Measles—Continued.	Cases.
Greenwich.....	4
Hamden.....	11
Meriden (city).....	4
New Britain.....	7
New Haven.....	65
New London.....	8
Norwalk.....	20
Norwich (town).....	4
Orange.....	5
Painfield.....	5
Salisbury.....	12
Simsbury.....	4
Stamford (city).....	16
Thomaston.....	17
Waterbury.....	4
Winchester.....	12
Scattering.....	36
Mumps.....	32
Pneumonia.....	115
Poliomyelitis:	
Ansonia.....	1
Milford.....	1
Scarlet fever:	
Bridgeport.....	8
Greenwich.....	5
Hartford.....	4
Lebanon.....	4
Meriden (city).....	9
New Britain.....	4
New Haven.....	10
Waterbury.....	7
Willington.....	6
Windsor.....	6
Scattering.....	28
Septic sore throat.....	2
Syphilis.....	87
Tetanus:	
Greenwich.....	1
Tuberculosis.....	24
Whooping cough.....	61
DELAWARE.	
Chicken pox.....	3
Diphtheria:	
Dover.....	1
Wilmington.....	8
Erysipelas.....	2
Influenza:	
Odessa.....	8
Scattering.....	13
Measles.....	89
Mumps.....	2
Pneumonia.....	13
Scabies.....	1
Scarlet fever:	
Wilmington.....	4
Scattering.....	4
Smallpox.....	3
Tuberculosis.....	1
Typhoid fever.....	2
Whooping cough.....	5
FLORIDA.	
Cerebrospinal meningitis.....	1
Diphtheria.....	17
Dysentery.....	6

FLORIDA—continued.

	Cases.
Influenza.....	1,547
Malaria.....	18
Pneumonia.....	75
Scarlet fever.....	5
Smallpox.....	18
Typhoid fever.....	13
GEORGIA.	
Anchylostomiasis.....	61
Cerebrospinal meningitis.....	1
Chicken pox.....	30
Conjunctivitis.....	1
Diphtheria.....	17
Dysentery (bacillary).....	1
Gonorrhoea.....	100
Influenza.....	617
Malaria.....	9
Measles.....	50
Mumps.....	14
Paratyphoid fever.....	1
Pneumonia (lobar).....	73
Poliomyelitis.....	1
Scarlet fever.....	25
Septic sore throat.....	4
Smallpox.....	28
Syphilis.....	49
Tuberculosis (pulmonary).....	26
Tuberculosis (other forms).....	1
Typhoid fever.....	9
Whooping cough.....	28
ILLINOIS.	
Diphtheria:	
Chicago.....	134
McLeansboro.....	5
Scattering.....	100
Influenza:	
Chicago.....	9,955
Scattering.....	19,201
Lethargic encephalitis:	
Chicago.....	9
Quincy.....	1
Pneumonia:	
Chicago.....	2,317
Scattering.....	693
Scarlet fever:	
Aurora.....	4
Clay County—Biblegrove Township.....	12
Chicago.....	231
Evanston.....	5
Moline.....	31
Rockford.....	6
Springfield.....	4
Scattering.....	56
Smallpox:	
Belvidere.....	8
Benton.....	5
Galesburg.....	5
Golconda.....	7
Golden Eagle.....	5
Jerseyville.....	6
McLeansboro.....	19
Monmouth.....	6
Scattering.....	46
Typhoid fever.....	33

INDIANA.		Cases.
Diphtheria:		
Lake County.....		21
Scattering.....		19
Measles:		
Bartholomew County.....		13
Dearborn County.....		13
Franklin County.....		20
Greene County.....		12
Hancock County.....		39
Jackson County.....		44
Marion County.....		55
Monroe County.....		23
Porter County.....		17
Randolph County.....		9
Rush County.....		14
Vigo County.....		8
Wabash County.....		23
Wayne County.....		123
Pneumonia:		
Clay County.....		7
DeKalb County.....		7
Elkhart County.....		5
Pulaski County.....		6
Putnam County.....		4
Wabash County.....		21
Scattering.....		14
Scarlet fever:		
Allen County.....		4
Boone County.....		8
Carroll County.....		12
Elkhart County.....		7
Greene County.....		5
Huntington County.....		8
Jasper County.....		4
Kosciusko County.....		11
Lake County.....		18
Marion County.....		17
Porter County.....		5
Rush County.....		4
St. Joseph County.....		14
Wabash County.....		5
Wells County.....		10
Scattering.....		25
Smallpox:		
Franklin County.....		4
Gibson County.....		13
Grant County.....		5
Howard County.....		8
Huntington County.....		11
Jackson County.....		17
Lake County.....		8
Marion County.....		18
Posey County.....		5
Spencer County.....		5
Tippecanoe County.....		7
Warren County.....		15
Scattering.....		20
Typhoid fever.....		2
IOWA.		
Chancroid.....		4
Chicken pox.....		1
Diphtheria:		
Des Moines.....		9
Scattering.....		16
Gonorrhoea.....		84

IOWA—continued.		Cases.
Influenza:		
Ames.....		231
Benton County.....		71
Burlington.....		106
Cedar Rapids.....		109
Clay County.....		60
Davenport.....		177
Halbur.....		78
Manly.....		87
Marshalltown.....		88
Ottumwa.....		75
Waterloo.....		597
Whiting.....		100
Scattering.....		2,181
Measles:		
Mason City.....		17
Mitchell County.....		4
Scattering.....		5
Mumps.....		2
Scarlet fever:		
Des Moines.....		4
Eldora.....		8
Greene County.....		4
Howard County.....		4
Marshall County.....		4
Muscatine County.....		5
Scattering.....		40
Smallpox:		
Cedar Falls.....		11
Cedar Rapids.....		4
Davenport.....		11
Eldora.....		18
Grundy County.....		5
Mason City.....		4
Scattering.....		33
Syphilis.....		30
Whooping cough.....		2
LOUISIANA.		
Cerebrospinal meningitis.....		4
Diphtheria.....		18
Influenza.....		763
Pneumonia.....		48
Scarlet fever.....		3
Smallpox.....		58
Typhoid fever.....		9
MAINE.		
Chicken pox.....		10
Diphtheria.....		11
Gonorrhoea.....		27
Influenza:		
Bath.....		14
Leeds.....		6
Lewiston.....		6
Portland.....		344
Rockland.....		5
Westbrook.....		6
Scattering.....		6
Measles:		
Sanford.....		6
Scattering.....		5
Mumps.....		12
Pneumonia:		
Portland.....		15
Scattering.....		4

MAINE—continued.	
Scarlet fever:	Cases.
Brooklin.....	9
Jay.....	8
Norway.....	4
Portland.....	12
Scattering.....	13
Smallpox.....	4
Syphilis.....	6
Tuberculosis.....	12
Typhoid fever.....	3
Whooping cough.....	8

MINNESOTA.

Cerebrospinal meningitis.....	1
Chancroid.....	9
Gonorrhoea.....	94
Poliomyelitis.....	1
Smallpox:	
Marshall County—Argyle.....	7
Scattering.....	15
Syphilis.....	75

MONTANA.

Influenza:	
Anaconda.....	50
Billings.....	60
Bozeman.....	17
Butte.....	59
Glendive.....	12
Great Falls.....	4
Havre.....	57
Kalispell.....	101
Lewiston.....	7
Livingston.....	10
Miles City.....	13
Missoula.....	66
Scattering.....	585
Pneumonia.....	11
Scarlet fever.....	21
Smallpox.....	16
Typhoid fever.....	3

NEBRASKA.

Cerebrospinal meningitis:	
Crete.....	2
Chancroid.....	3
Chicken pox.....	21
Diphtheria:	
Fremont.....	4
Omaha.....	14
Scattering.....	6
Gonorrhoea.....	63
Influenza:	
Boyd County.....	80
Collegeview.....	81
Holdrege.....	67
Lincoln.....	86
Norfolk.....	45
Omaha.....	496
Otoe.....	47
Talmage.....	83
Scattering.....	830
Measles:	
Omaha.....	6
Utica.....	6
Scattering.....	5
Mumps.....	4

NEBRASKA—continued.

Pneumonia:	Cases.
Crawford.....	4
Lincoln.....	8
Scattering.....	2
Scarlet fever:	
Fremont.....	7
Lincoln.....	5
Omaha.....	42
Scattering.....	24
Smallpox:	
Allance.....	5
Blue Springs.....	6
Lincoln.....	18
Omaha.....	9
Wahoo.....	12
Wymore.....	4
York.....	13
Scattering.....	59
Syphilis.....	33
Tuberculosis.....	1
Typhoid fever.....	2
Whooping cough.....	30

NEW JERSEY.

Influenza.....	7,365
Pneumonia.....	896

NEW MEXICO.

Chancroid.....	1
Chicken pox.....	24
Diphtheria:	
Arroyo Hondo.....	8
Las Vegas.....	4
Scattering.....	2
German measles.....	1
Gonorrhoea.....	9
Hookworm.....	1
Influenza.....	260
Measles.....	32
Mumps.....	8
Paratyphoid fever.....	1
Pneumonia.....	19
Poisoning (methyl alcohol).....	1
Poliomyelitis.....	1
Scarlet fever:	
Clovis.....	7
Roswell.....	6
Scattering.....	4
Septic sore throat.....	1
Smallpox:	
Hurley.....	7
Tularosa.....	8
Scattering.....	8
Syphilis.....	1
Tuberculosis.....	29
Typhoid fever.....	7
Whooping cough.....	5

NEW YORK.

(Exclusive of New York City.)

Anthrax:	
Endicott.....	1
Cerebrospinal meningitis:	
Buffalo.....	1
Elmira.....	1
Mineola.....	1

NEW YORK—continued.

	Cases.
Diphtheria.....	258
Gonorrhoea.....	78
Influenza.....	4,755
Measles.....	819
Pneumonia.....	652
Scarlet fever.....	206
Smallpox.....	7
Syphilis.....	107
Typhoid fever.....	21
Whooping cough.....	295

NORTH CAROLINA.

Cerebrospinal meningitis.....	7
Chancroid.....	8
Chicken pox.....	137
Diphtheria.....	43
German measles.....	1
Gonorrhoea.....	112
Measles.....	92
Pneumonia (all forms).....	126
Polioomyelitis.....	1
Scarlet fever.....	27
Septic sore throat.....	4
Smallpox.....	178
Syphilis.....	41
Trachoma.....	1
Typhoid fever.....	8
Whooping cough.....	96

OHIO.

Scarlet fever:	
Akron.....	60
Cincinnati.....	55
Norwood.....	10
Smallpox:	
Circleville.....	89
Franklin.....	35
Warren County—Franklin Township.....	10

VERMONT.

Chicken pox.....	29
Diphtheria.....	11
Gonorrhoea.....	6
Influenza.....	89
Measles.....	76
Mumps.....	128
Pneumonia.....	9
Scarlet fever.....	8
Syphilis.....	5
Typhoid fever.....	6
Whooping cough.....	53

VIRGINIA.

Smallpox:	
Campbell County, several.....	
Southampton County, several.....	
Wise County.....	6
York County.....	6
Scattering.....	2

WASHINGTON.

	Cases.
Chicken pox.....	88
Diphtheria.....	34
German measles.....	3
Influenza.....	902
Measles.....	267
Mumps.....	30
Pneumonia.....	23
Scarlet fever.....	74
Smallpox.....	108
Tuberculosis.....	11
Typhoid fever.....	4
Whooping cough.....	43

WEST VIRGINIA.

Diphtheria:	
Fairmont.....	9
Martinsburg.....	4
Scattering.....	20
Measles:	
Wheeling.....	10
Scattering.....	10
Scarlet fever:	
Fairmont.....	4
Scattering.....	11
Smallpox:	
Beckley.....	12
Bluefield.....	4
Montgomery.....	4
Scattering.....	3
Typhoid fever.....	7

WISCONSIN.

Milwaukee:	
Cerebrospinal meningitis.....	3
Chicken pox.....	22
Diphtheria.....	19
Influenza.....	704
Measles.....	27
Scarlet fever.....	35
Smallpox.....	9
Tuberculosis.....	22
Typhoid fever.....	3
Whooping cough.....	39
State (exclusive of Milwaukee):	
Cerebrospinal meningitis.....	5
Chicken pox.....	118
Diphtheria.....	33
Erysipelas.....	11
Influenza.....	5,943
Measles.....	354
Scarlet fever.....	131
Smallpox.....	160
Tuberculosis.....	19
Typhoid fever.....	2
Whooping cough.....	46

SUMMARY OF CASES REPORTED MONTHLY BY STATES.

Tables showing, by counties, the reported cases of cerebrospinal meningitis, malaria, pellagra, poliomyelitis, smallpox, and typhoid fever are published under the names of these diseases. (See names of these and other diseases in the table of contents.)

The following monthly State reports include only those which were received during the current week. These reports appear each week as received.

State.	Cerebrospinal meningitis.	Diphtheria.	Malaria.	Meas'es	Pel-lagra.	Polio-myelitis.	Scarlet fever.	Small-pox.	Ty-phoid fever.
Delaware (December).....		61		107			27	229	10
Idaho (December).....	3	5		6		1	122	341	2
Iowa (December).....	2	115					191	249	
Maine (June).....		24		2			67	30	13
Maine (October).....	2	54		1		1	50	24	48
Maine (December).....		55		6	1	1	106	41	11
Mississippi (December).....	3	226	5,763	41	241	9	180	171	159
Montana (December).....	2	20		25			148	85	12
New Mexico (December).....		35	1	19			73	53	15
North Dakota (December).....	1	60		57			104	15	13
Ohio (December).....	7	1,080	5	3,242		3	1,347	444	135
Oregon (December).....	1	49		45			133	499	16
Pennsylvania (December).....	22	2,434		5,908		8	1,715	6	271
South Dakota (December).....	2	11		7		1	187	62	2
Virginia (December).....	11	449	176	67	12	7	322	147	94
Wyoming (December).....		4		150			23	44	6

ANTHRAX.

City Reports for Week Ended Jan. 17, 1920.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Chicago, Ill.....		1	New York, N. Y.....	2	
Dallas, Tex.....	1		Philadelphia, Pa.....	1	1
Lima, Ohio.....	1				

CEREBROSPINAL MENINGITIS.

State Reports for October and December, 1919.

Place.	New cases reported.	Place.	New cases reported.
Idaho (December):		Montana (December):	
Ada County.....	1	Blaine County.....	
Fremont County.....	1	Chinook R. D.....	1
Gem County.....	1	Silver Bow County—	
Total.....	3	Butte.....	1
		Total.....	2
Iowa (December):		North Dakota (December):	
Mitchell County.....	1	Grand Forks County.....	1
Clinton County.....	1		
Total.....	2	Ohio (December):	
		Adams County.....	1
Maine (October):		Franklin County.....	1
Androscoggin County—		Hamilton County.....	1
Lewiston.....	1	Jefferson County.....	1
York County—		Summit County.....	3
South Berwick.....	1	Total.....	7
Total.....	2	Oregon (December):	
		Portland.....	1
Mississippi (December):		Pennsylvania (December):	
De Soto County.....	1	Allegheny County.....	4
Sunflower County.....	1	Armstrong County.....	1
Tallahatchie County.....	1	Blair County.....	1
Total.....	3	Butler County.....	1
		Columbia County.....	1
		Dauphin County.....	1

CEREBROSPINAL MENINGITIS—Continued.

State Reports for October and December, 1919—Continued.

Place.	New cases reported.	Place.	New cases reported.
Pennsylvania (December)—Continued.		Virginia (December):	
Indiana County.....	3	Accomac County.....	1
Luzerne County.....	2	Carroll County.....	1
Montgomery County.....	1	Frederick County—	
Northumberland County.....	1	Winchester.....	2
Philadelphia County.....	5	Lee County.....	3
Washington County.....	1	Roanoke County.....	1
Total.....	22	Tazewell County.....	1
South Dakota (December):		Warwick County—	
Spink County.....	1	Newport News.....	1
Union County.....	1	Wise County.....	1
Total.....	2	Total.....	11

City Reports for Week Ended Jan. 17, 1920.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Alton, Ill.....	1	1	North Adams, Mass.....	1	
Atlanta, Ga.....		1	Passaic, N. J.....		1
Beverly, Mass.....	1		Philadelphia, Pa.....	2	2
Bluefield, W. Va.....	1		Pittsburgh, Pa.....	1	
Boston, Mass.....	1		Portland, Ore.....		1
Bridgeport, Conn.....		1	Providence, R. I.....		1
Chicago, Ill.....	4	1	Quincy, Mass.....	1	1
Colorado Springs, Colo.....	1		Sacramento, Calif.....	1	1
Denver, Colo.....	1	1	St. Louis, Mo.....	1	
Detroit, Mich.....	2		St. Paul, Minn.....		1
Galveston, Tex.....		1	San Diego, Calif.....	1	1
Kansas City, Mo.....	1		Savannah, Ga.....	1	
Louisville, Ky.....	2	1	Springfield, Mass.....	1	
Lowell, Mass.....	1	1	Syracuse, N. Y.....	1	
Memphis, Tenn.....		1	Terre Haute, Ind.....	1	
Milwaukee, Wis.....	1		Trenton, N. J.....	1	1
Newark, N. J.....	3		Uniontown, Pa.....	1	
New Castle, Ind.....	1	1	Worcester, Mass.....	1	
New York, N. Y.....	3	4			

DIPHTHERIA.

See Telegraphic weekly reports from States, p. 284; Monthly summaries by States, p. 289; and Weekly reports from cities, p. 305.

INFLUENZA.

City Reports for Weeks Ended Jan. 17 and 24, 1920.

Place.	Cases.		Deaths.		Place.	Cases.		Deaths.	
	Week ended Jan. 17.	Week ended Jan. 24.	Week ended Jan. 17.	Week ended Jan. 24.		Week ended Jan. 17.	Week ended Jan. 24.	Week ended Jan. 17.	Week ended Jan. 24.
Akron, Ohio.....		19			Atlantic City, N. J.....		28		1
Alameda, Calif.....	32	85	3	1	Attleboro, Mass.....		8		
Alton, Ill.....	1	13		1	Auburn, Me.....		2		
Alexandria, Va.....	6	88			Baltimore, Md.....	17	161	1	
Alpena, Mich.....		5			Barberton, Ohio.....			1	
Ann Arbor, Mich.....		33		1	Battle Creek, Mich.....	1			
Appleton, Wis.....		21			Bayonne, N. J.....		50		
Asbury Park, N. J.....		2			Beaumont, Tex.....		3		
Ashland, Ky.....		5			Bellefonte, N. J.....	3	41		
Ashtabula, Ohio.....		18			Beloit, Wis.....		100		
Atchinson, Kans.....		15			Benton Harbor, Mich.....		24		
Atlanta, Ga.....	11	20	1		Berkeley, Calif.....	9	117	2	3

INFLUENZA—Continued.

City Reports for Weeks Ended Jan. 17 and 24, 1920—Continued.

Place.	Cases.		Deaths.		Place.	Cases.		Deaths.	
	Week ended Jan. 17.	Week ended Jan. 24.	Week ended Jan. 17.	Week ended Jan. 24.		Week ended Jan. 17.	Week ended Jan. 24.	Week ended Jan. 17.	Week ended Jan. 24.
Beverly, Mass.		2			Green Bay, Wis.		23		
Billings, Mont.		3			Greenfield, Mass.		2		
Binghamton, N. Y.		9			Greenwich, Conn.		60		
Birmingham, Ala.		2	1	2	Hackensack, N. J.		9		
Bloomfield, N. J.		16		1	Harrison, N. J.	2	3		
Bloomington, Ill.		9			Hartford, Conn.		35		1
Bluefield, W. Va.		1			Haverhill, Mass.	5	21		
Boise, Idaho.	127	268			Hoboken, N. J.		1		
Boston, Mass.	23	174		2	Holland, Mich.	1	2		
Brazil, Ind.		6			Holyoke, Mass.		4		
Bridgeport, Conn.		8			Hot Springs, Ark.		8		
Bristol, Conn.		5			Huntington, Ind.		71		
Brockton, Mass.		2			Hutchinson, Kans.		16		
Buffalo, N. Y.	1	49		2	Indianapolis, Ind.	1			
Burlington, Iowa.		25		1	Irvington, N. J.		69		
Cairo, Ill.		1			Ithaca, N. Y.		2		
Cambridge, Mass.	2	32			Jacksonville, Ill.	1	1		
Camden, N. J.		8			Jamestown, N. Y.		38		
Cape Girardeau, Mo.		12			Janesville, Wis.		20		
Cedar Rapids, Iowa.		23			Jersey City, N. J.	7	93		
Centralia, Ill.		7			Joplin, Mo.		5		
Charleston, S. C.		2			Kalamazoo, Mich.	5	106		
Charleston, W. Va.	2	60			Kansas City, Kans.	2	101		
Charlotte, N. C.		2		1	Kansas City, Mo.	9	408	3	43
Chattanooga, Tenn.		9		1	Kearny, N. J.	10	46		1
Chelsea, Mass.		27			Kenosha, Wis.	16	106		
Cheyenne, Wyo.	18	5			Lackawanna, N. Y.		2		
Chicago Heights, Ill.		58			La Crosse, Wis.		13		
Chicago, Ill.	1,027	10,712	21	200	La Fayette, Ind.	1	5		
Cincinnati, Ohio.	3	16	1	1	Lawrence, Kans.	9	27		1
Cleveland, Ohio.	5	50	1	4	Lawrence, Mass.	3	8		
Colorado Springs, Colo.		3		1	Leominster, Mass.		1		
Columbia, S. C.		2			Lincoln, Nebr.		10		1
Columbus, Ga.	1	1			Lincoln, R. I.		1		
Columbus, Ohio.		24	2	1	Little Rock, Ark.	3	41		
Cortland, N. Y.		7			Long Beach, Calif.	1	4		
Covington, Ky.		7			Lorain, Ohio.		4		
Council Bluffs, Iowa.		6	1	1	Louisville, Ky.	3	32		
Cranston, R. I.	2	2		1	Lowell, Mass.		12		
Cumberland, Md.		19			Lynn, Mass.	1	10		
Dallas, Tex.	31	466	1	1	Madison, Wis.		37		
Danville, Ill.		16			Malden, Mass.				1
Danville, Va.		1			Manchester, Conn.		31		
Davenport, Iowa.	4	78		1	Manitowoc, Wis.		21		
Dayton, Ohio.		20		2	Mankato, Minn.				1
Decatur, Ill.	2	32			Marinette, Wis.		13		
Dedham, Mass.		5			Marion, Ohio.		17		
Denver, Colo.				1	Mason City, Iowa.		2		
Des Moines, Iowa.	3	42			Memphis, Tenn.			1	
Detroit, Mich.	34	2,473		9	Meriden, Conn.	1	118	1	
East Chicago, Ind.					Methuen, Mass.		7		
East Orange, N. J.	1	26		1	Middletown, N. Y.	3	15		
East Providence, R. I.		1			Middletown, Ohio.				2
East St. Louis, Mo.		124		2	Milwaukee, Wis.	91	1,085	1	
Eau Claire, Wis.		6			Minneapolis, Minn.		83	3	2
Elgin, Ill.	46	28			Mishawaka, Ind.		2		
Elkhart, Ind.	11	3			Mobile, Ala.		1		
Englewood, N. J.		3			Montgomery, Ala.				1
Erie, Pa.		401		1	Morgantown, W. Va.	2	4		
Evanston, Ill.	12	300			Morristown, N. J.	3	5		
Everett, Mass.		16			Moundsville, W. Va.		233		1
Fairmont, W. Va.		4			Mount Vernon, N. Y.	1	104		1
Fall River, Mass.		7			Muncie, Ind.		1		
Fargo, N. Dak.		413			Nanticoke, Pa.		1		
Flint, Mich.	1				Nashville, Tenn.		1	3	2
Fort Dodge, Iowa.	4				New Bedford, Mass.		8		
Fort Wayne, Ind.				1	New Britain, Conn.		32		1
Fremont, Nebr.				1	New Brunswick, N. J.		21		
Fresno, Calif.			2		Newburyport, Mass.		1		
Galesburg, Ill.		26			New Haven, Conn.		37		1
Gardner, Mass.		1			New Orleans, La.		9		4
Grand Rapids, Mich.	2	26			Newton, Mass.		9		
Granite City, Ill.		22			New York, N. Y.	384	5,600	18	16
Great Falls, Mont.		6							

INFLUENZA—Continued.

City Reports for Weeks Ended Jan. 17 and 24, 1920—Continued.

Place.	Cases.		Deaths.		Place.	Cases.		Deaths.	
	Week ended Jan. 17.	Week ended Jan. 24.	Week ended Jan. 17.	Week ended Jan. 24.		Week ended Jan. 17.	Week ended Jan. 24.	Week ended Jan. 17.	Week ended Jan. 24.
Niagara Falls, N. Y.		12			Rock Island, Ill.		45		
Norfolk, Va.		49		1	Rocky Mount, N. C.		10		
Northport, Ala.		19			Rome, Ga.		2		
Norwalk, Conn.		2			Rome, N. Y.		6		
Norwich, Conn.	6				Sacramento, Calif.		68		
Oakland, Calif.	21	89	2	3	Saugus, Mass.	2	14		1
Oak Park, Ill.	46				St. Cloud, Minn.		2		
Oklahoma City, Okla.	2	286		1	St. Joseph, Mo.		6		1
Omaha, Nebr.	2	103	1	1	Salem, Oreg.		1		
Orange, N. J.		11			Salt Lake City, Utah		76		
Oshkosh, Wis.		94			Sanford, Me.		3		
Paducah, Ky.		9			Saratoga Springs, N. Y.	4	3		
Parkersburg, W. Va.		8			Savannah, Ga.		2		
Parsons, Kans.		14			Schenectady, N. Y.		4		
Pasadena, Calif.		15			Sioux Falls, S. Dak.		4		
Passaic, N. J.		24			Somerville, Mass.	1			
Paterson, N. J.		22			Southbridge, Mass.		1		
Pekin, Ill.	1	50			Springfield, Ill.	1	7		
Peoria, Ill.		24		1	Springfield, Mass.		4		
Perth Amboy, N. J.		7			Springfield, Ohio		21		
Petersburg, Va.		7			Staunton, Va.	1	8		
Philadelphia, Pa.	5	29	5	3	Strickton, Calif.	9	31		1
Pine Bluff, Ark.	1	2			Syracuse, N. Y.		120		1
Plainfield, N. J.	21	149		1	Taunton, Mass.		1		
Pittsfield, Mass.		22			Terre Haute, Ind.		2		
Pocatello, Idaho.	2				Toledo, Ohio		62		2
Pontiac, Mich.		39			Topeka, Kans.		8		
Portage, Wis.		125			Traverse City, Mich.		2		
Port Chester, N. Y.	1	6			Trenton, N. J.	5	24		
Port Huron, Mich.		1		2	Troy, N. Y.		1		
Portland, Me.	6	50			Waco, Tex.		24		
Portsmouth, N. H.		1			Washington, D. C.	126	1,216	2	23
Portsmouth, Va.		10			Wausau, Wis.		8		
Poughkeepsie, N. Y.	2	50	1	2	West New York, N. J.		8		
Providence, R. I.	2	91		1	West Hibernia, N. J.		14		
Pueblo, Colo.				1	West Orange, N. J.	3	28		
Quincy, Mass.		1			Wheeling, W. Va.		16		
Racine, Wis.	4	165			White Plains, N. Y.	1	26		
Raleigh, N. C.		9			Wichita, Kans.	2	19		
Reno, Nev.		2			Wilmington, N. C.				1
Richmond, Ind.		1			Winona, Minn.	2	18		
Richmond, Va.	11	210			Winston-Salem, N. C.				1
Rochester, N. Y.	3	41			Worcester, Mass.	2	30		

LETHARGIC ENCEPHALITIS.

Oregon Report for December, 1919.

During the month of December, 1919, one case of lethargic encephalitis was reported in Oregon.

MALARIA.

State Reports for December, 1919.

Place.	New cases reported.	Place.	New cases reported.
Mississippi:		Mississippi—Continued.	
Adams County	92	Coahoma County	366
Alcorn County	10	Copiah County	89
Amite County	81	Covington County	42
Attala County	48	De Soto County	20
Benton County	4	Forrest County	66
Pollivar County	522	Franklin County	20
Calhoun County	33	George County	5
Carroll County	65	Greene County	19
Chickasaw County	13	Grenada County	20
Choctaw County	50	Hancock County	103
Claiborne County	55	Harrison County	15
Clarke County	45	Hinds County	175
Clay County	31	Holmes County	278

MALARIA—Continued.

State Reports for December, 1919—Continued.

Place.	New cases reported.	Place.	New cases reported.
Mississippi—Continued.		New Mexico:	
Humphreys County.....	189	Rio Arriba County.....	1
Issaquena County.....	39	Ohio:	
Itawamba County.....	8	Gallia County.....	3
Jackson County.....	25	Hamilton County.....	1
Jasper County.....	77	Trumbull County.....	1
Jefferson County.....	57	Total.....	5
Jefferson Davis County.....	22	Virginia:	
Jones County.....	93	Accomac County.....	21
Kemper County.....	21	Chincoteague.....	3
Lafayette County.....	16	Hackneck.....	4
Lamar County.....	51	Parkley.....	4
Lauderdale County.....	21	Brunswick County.....	2
Lawrence County.....	61	Buckingham County.....	2
Leake County.....	28	Gloucester County.....	3
Lee County.....	81	Greensville County.....	10
Leflore County.....	76	Farmoria.....	11
Lincoln County.....	48	Halifax County.....	1
Lowndes County.....	38	Henrico County.....	4
Madison County.....	26	Richmond.....	5
Marion County.....	54	Isle of Wight County.....	10
Marshall County.....	19	James City County.....	6
Monroe County.....	100	King William County—	
Montgomery County.....	13	West Point.....	3
Neshoba County.....	82	Lunenburg County.....	1
Newton County.....	11	Victoria.....	2
Noxubee County.....	59	Middlesex County.....	2
Oktibbeha County.....	40	Nansemond County.....	1
Panola County.....	68	Suffolk.....	2
Pearl River County.....	69	Whaleyville.....	2
Perry County.....	49	Norfolk County—	
Pike County.....	26	Norfolk.....	3
Pontotoc County.....	48	Northampton County.....	6
Prentiss County.....	50	Cape Charles.....	3
Quitman County.....	76	Northumberland County.....	5
Rankin County.....	16	Pittsylvania County.....	6
Scott County.....	28	Pingrid.....	2
Sharkey County.....	123	Powhatan County.....	6
Simpson County.....	51	Princess Anne County.....	14
Smith County.....	42	Prince Edward County—	
Stone County.....	32	Farmville.....	1
Sunflower County.....	350	Richmond County.....	1
Tallahatchie County.....	140	Rockbridge County.....	1
Tate County.....	98	Rockingham County—	
Tippah County.....	29	Dayton.....	3
Tishomingo County.....	32	Scott County.....	2
Tunica County.....	109	Shenandoah County—	
Union County.....	26	Woodstock.....	1
Walshall County.....	6	Southampton County.....	2
Warren County.....	134	Surry County.....	5
Washington County.....	177	Sussex County.....	6
Wayne County.....	14	Warwick County.....	11
Webster County.....	26	York County.....	2
Winston County.....	94	Total.....	176
Yalobusha County.....	44		
Yazoo County.....	154		
Total.....	5,763	Total.....	176

City Reports for Week Ended Jan. 17, 1920.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Charleston, S. C.....		2	Riverside, Calif.....	1	
Dallas, Tex.....	3		Savannah, Ga.....	2	
Memphis, Tenn.....		1	Syracuse, N. Y.....		1
New Orleans, La.....		1	Tuscaloosa, Ala.....	2	

MEASLES.

See Telegraphic weekly reports from States, p. 284; Monthly summaries by States p. 289; and Weekly reports from cities, p. 305.

PELLAGRA.

State Reports for December, 1919.

Place.	New cases reported.	Place.	New cases reported.
Maine:		Mississippi—Continued.	
Lincoln County—		Noxubee County.....	4
Waldoboro (town).....	1	Panola County.....	1
Mississippi:		Perry County.....	1
Adams County.....	7	Pike County.....	3
Attala County.....	1	Pontotoc County.....	1
Bolivar County.....	26	Prentiss County.....	2
Clairborne County.....	1	Scott County.....	1
Clay County.....	3	Sunflower County.....	5
Coahoma County.....	23	Tallahatchie County.....	3
Copiah County.....	4	Tippah County.....	1
Covington County.....	2	Tishomingo County.....	4
Forest County.....	4	Tunica County.....	11
George County.....	3	Union County.....	2
Granada County.....	1	Warren County.....	11
Hinds County.....	20	Washington County.....	5
Holmes County.....	9	Yalobusha County.....	1
Humphreys County.....	2	Yazoo County.....	5
Issaquena County.....	1	Total	241
Itawamba County.....	2	Virginia:	
Jasper County.....	5	Carroll County.....	1
Jefferson County.....	2	Dickenson County—	
James County.....	2	Dickenson City.....	5
Lamar County.....	3	Greensville County—	
Lauderdale County.....	3	Emporia.....	1
Lawrence County.....	7	Henrico County.....	1
Lee County.....	5	Smyth County.....	1
Lincoln County.....	3	Washington County.....	1
Lowndes County.....	2	Glade Spring.....	1
Madison County.....	4	Wise County.....	1
Marion County.....	3	Total	12
Marshall County.....	5		
Monroe County.....	12		
Neshoba County.....	11		

City Reports for Week Ended Jan. 17, 1920.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Birmingham, Ala.....	2		Savannah, Ga.....		1
Columbus, Ga.....	3	1	Waco, Tex.....		1
Dallas, Tex.....		1	Washington, D. C.....	1	
Fort Worth, Tex.....	2		Winston-Salem, N. C.....		1
Memphis, Tenn.....		1			

PNEUMONIA (ALL FORMS).

City Reports for Week Ended Jan. 17, 1920.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Aberdeen, S. Dak.....	1		Bedford, Ind.....	4	
Adams, Mass.....	1	1	Belleville, N. J.....	2	
Akron, Ohio.....	6		Beverly, Mass.....		1
Alliance, Ohio.....		1	Binghamton, N. Y.....	6	3
Alton, Ill.....	2	1	Birmingham, Ala.....		8
Anderson, Ind.....	1	1	Bloomington, Ill.....	1	1
Ann Arbor, Mich.....	1	1	Boston, Mass.....	36	28
Ashtabula, Ohio.....	1		Braddock, Pa.....	2	
Atchison, Kans.....	1		Bristol, Conn.....	1	1
Atlanta, Ga.....	3	10	Brookline, Mass.....	1	1
Atlantic City, N. J.....	3		Buffalo, N. Y.....	7	7
Attleboro, Mass.....		1	Burlington, Iowa.....		2
Aurora, Ill.....	2		Burlington, Vt.....	1	1
Baltimore, Md.....	95	34	Butte, Mont.....		3
Barberton, Ohio.....		1	Cairo, Ill.....		1
Battle Creek, Mich.....	1		Cambridge, Mass.....	6	7
Bayonne, N. J.....	2		Camden, N. J.....	3	
Beaumont, Tex.....		2	Charleston, S. C.....		7

PNEUMONIA (ALL FORMS)—Continued.

City Reports for Week Ended Jan. 17, 19.0—Continued.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Charleston, W. Va.	2	1	Los Angeles, Calif.	38	18
Chelsea, Mass.	2	1	Louisville, Ky.	4	10
Chicago Heights, Ill.	5	1	Lowell, Mass.	4	4
Chicago, Ill.	505	132	Lynchburg, Va.	1	2
Cincinnati, Ohio.	11	1	Lynn, Mass.	1	3
Cleveland, Ohio.	38	24	Malden, Mass.	1	1
Cohoes, N. Y.	2	2	Manchester, N. H.	1	3
Colorado Springs, Colo.	4	1	Mankato, Minn.	1	2
Columbia, S. C.	2	1	Marlboro, Mass.	1	1
Columbus, Ga.	13	4	Mason City, Iowa.	1	4
Columbus, Ohio.	9	9	Mattoon, Ill.	1	1
Concord, N. H.	1	1	Medford, Mass.	1	3
Cortland, N. Y.	2	1	Melrose, Mass.	2	1
Covington, Ky.	9	2	Memphis, Tenn.	1	12
Cumberland, Md.	5	2	Middletown, N. Y.	2	1
Dallas, Tex.	19	5	Milwaukee, Wis.	1	13
Danville, Ill.	1	3	Minneapolis, Minn.	1	7
Dayton, Ohio.	1	1	Mishawaka, Ind.	1	1
Decatur, Ill.	1	18	Missoula, Mont.	1	1
Denver, Colo.	18	1	Monmouth, Ill.	1	3
Detroit, Mich.	25	52	Montgomery, Ala.	2	1
Dover, N. H.	1	1	Morgantown, W. Va.	2	2
Duluth, Minn.	2	2	Morristown, N. J.	1	1
East Chicago, Ind.	1	2	Mount Vernon, N. Y.	1	1
East Cleveland, Ohio.	1	1	Nashville, Tenn.	1	8
East Orange, N. J.	6	3	Newark, N. J.	61	11
East St. Louis, Ill.	1	3	Newburyport, Mass.	1	1
Elizabeth, N. J.	4	1	New Haven, Conn.	1	8
Elkhart, Ind.	1	1	New Orleans, La.	1	27
Elmira, N. Y.	1	1	Newton, Mass.	1	2
El Paso, Tex.	11	11	New York, N. Y.	713	248
Englewood, N. J.	2	1	Niagara Falls, N. Y.	1	3
Eureka, Calif.	13	1	North Little Rock, Ark.	1	1
Everett, Wash.	1	1	Norwalk, Conn.	1	1
Fall River, Mass.	6	10	Norwich, Conn.	1	1
Findlay, Ohio.	1	1	Norwood, Ohio.	1	1
Flint, Mich.	1	1	Oakland, Calif.	1	6
Fort Dodge, Iowa.	1	3	Oak Park, Ill.	3	1
Fort Scott, Kans.	1	1	Oklahoma City, Okla.	1	7
Fort Wayne, Ind.	3	3	Olean, N. Y.	1	1
Fort Worth, Tex.	7	7	Omaha, Nebr.	1	6
Framingham, Mass.	2	2	Parkersburg, W. Va.	1	1
Fremont, Ohio.	2	2	Pasadena, Calif.	1	2
Fresno, Calif.	2	2	Passaic, N. J.	2	1
Galesburg, Ill.	1	1	Paterson, N. J.	15	1
Gardner, Mass.	7	2	Peoria, Ill.	1	2
Grand Rapids, Mich.	1	1	Perth Amboy, N. J.	1	1
Great Falls, Mont.	1	1	Petersburg, Va.	1	1
Hackensack, N. J.	2	1	Philadelphia, Pa.	95	70
Hammond, Ind.	4	1	Pittsburgh, Pa.	17	35
Hartford, Conn.	2	6	Pittsfield, Mass.	2	2
Haverhill, Mass.	7	1	Plainfield, N. J.	3	3
Hoboken, N. J.	3	3	Pontiac, Mich.	1	1
Holyoke, Mass.	2	4	Port Chester, N. Y.	1	2
Huntington, W. Va.	1	1	Port Huron, Mich.	1	1
Independence, Mo.	6	1	Portland, Me.	2	1
Ironton, Ohio.	1	3	Portland, Oreg.	1	8
Ironwood, Mich.	1	1	Poughkeepsie, N. Y.	5	3
Irvington, N. J.	5	1	Providence, R. I.	1	13
Ishpeming, Mich.	3	1	Pueblo, Colo.	1	6
Ithaca, N. Y.	2	2	Quincy, Mass.	1	5
Janesville, Wis.	1	1	Rahway, N. J.	1	1
Jersey City, N. J.	16	1	Reading, Pa.	1	2
Kalamazoo, Mich.	3	1	Reno, Nev.	1	1
Kansas City, Kans.	7	1	Richmond, Va.	1	12
Kansas City, Mo.	60	22	Riverside, Calif.	3	1
Kearny, N. J.	3	1	Roanoke, Va.	2	1
Keene, N. H.	1	1	Rochester, N. Y.	24	7
Lackawanna, N. Y.	1	1	Rockford, Ill.	1	4
La Crosse, Wis.	1	1	Rock Island, Ill.	2	2
La Fayette, Ind.	1	2	Rocky Mount, N. C.	1	1
Lancaster, Ohio.	12	1	Rutland, Vt.	1	2
Lawrence, Kans.	3	2	Sacramento, Calif.	2	3
Lawrence, Mass.	3	1	St. Joseph, Mo.	1	1
Leominster, Mass.	2	2	St. Paul, Minn.	1	10
Lexington, Ky.	1	3	Salem, Mass.	1	2
Little Rock, Ark.	6	1	Salem, Oreg.	6	1
Lockport, N. Y.	2	2	Salt Lake City, Utah.	1	9
Long Beach, Calif.	3	1	San Diego, Calif.	2	2
Lorain, Ohio.	1	1	San Francisco, Calif.	1	8

PNEUMONIA (ALL FORMS)—Continued.

City Reports for Week Ended Jan. 17, 1920—Continued.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Santa Barbara, Calif.	1	.....	Trenton, N. J.	11	4
Sault Ste. Marie, Mich.	1	.....	Troy, N. Y.	2	4
Savannah, Ga. ....	.....	5	Tuscaloosa, Ala.	1	.....
Schenectady, N. Y.	2	.....	Waco, Tex. ....	.....	3
Sioux Falls, S. Dak. ....	.....	1	Waltham, Mass.	2	.....
Somerville, Mass.	9	2	Washington, D. C. ....	.....	25
South Bend, Ind. ....	.....	4	Watertown, Mass. ....	.....	2
Southbridge, Mass.	3	2	Westfield, Mass.	2	1
Spartanburg, S. C.	1	.....	West Hoboken, N. J. ....	.....	1
Springfield, Ill. ....	.....	4	West Orange, N. J.	3	.....
Springfield, Mass.	6	1	Wheeling, W. Va. ....	.....	3
Springfield, Mo. ....	.....	6	Wichita, Kans.	1	3
Springfield, Ohio. ....	.....	1	Wilmington, Del. ....	.....	5
Stamford, Conn.	2	.....	Wilmington, N. C.	1	3
Staunton, Va. ....	.....	3	Winona, Minn.	1	1
Syracuse, N. Y. ....	.....	1	Winston-Salem, N. C.	7	3
Taunton, Mass.	1	1	Worcester, Mass.	12	8
Terre Haute, Ind. ....	.....	3	Yonkers, N. Y.	1	.....
Toledo, Ohio.	1	8	Youngstown, Ohio. ....	.....	2
Topeka, Kans. ....	.....	2			

POLIOMYELITIS (INFANTILE PARALYSIS).

State Reports for October and December, 1919.

Place.	New cases reported.	Place.	New cases reported.
Idaho (December):		Pennsylvania (December):	
Clearwater County	1	Allegheny County	1
Maine (October):		Columbia County	2
Cumberland County—		Fayette County	2
Portland	1	Montgomery County	1
Maine (December):		Westmoreland County	2
Somerset County—		Total	8
Pittsfield (town)	1	South Dakota (December):	
Mississippi (December):		Turner County	1
George County	1	Virginia (December):	
Jasper County	3	Bedford County	1
Lafayette County	1	Campbell County	1
Lincoln County	1	Gloucester County—	
Neshoba County	3	Seyern	1
Total	9	Lee County	1
Ohio (December):		Powhatan County	1
Hardin County	1	Wise County—	
Summit County	2	Norton	1
Total	3	Wythe County	1
		Total	7

City Reports for Week Ended Jan. 17, 1920.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Baltimore, Md.	1	.....	Louisville, Ky.	1	.....
Columbus, Ohio	1	.....	Salt Lake City, Utah	1	.....
Los Angeles, Calif. ....	.....	1			

RABIES IN ANIMALS.

City Reports for Week Ended Jan. 17, 1920.

Place.	Cases.	Place.	Cases
Dallas, Tex.	1	Kansas City, Mo.	1
Detroit, Mich.	1	Oklahoma City, Okla.	1
El Paso, Tex.	10	Taunton, Mass.	1

ROCKY MOUNTAIN SPOTTED OR TICK FEVER.

Oregon Report for December, 1919.

During the month of December, 1919, one case of Rocky Mountain spotted or tick fever was reported in Baker County, Oreg.

SCARLET FEVER.

See Telegraphic weekly reports from States, p. 284; Monthly summaries by States, p. 289; and Weekly reports from cities, p. 305.

SMALLPOX.

State Reports for December, 1919—Vaccination Histories.

Place.	New cases reported.	Deaths.	Vaccination history of cases.			
			Vaccinated within 7 years preceding attack.	Last vaccinated more than 7 years preceding attack.	Never successfully vaccinated.	History not obtained or uncertain.
Montana:						
Beaverhead County—						
Dillon.....	1				1	
Cascade County—						
Great Falls.....	8				8	
Custer County—						
Miles City.....	2				2	
Deer Lodge County—						
Anaconda.....	1				1	
Fergus County—						
Denton (R. D.).....	1				1	
Lewistown.....	8				8	
Flathead County—						
Whitefish.....	2				2	
Gallatin County—						
Bozeman.....	2				2	
Glacier County—						
Cut Bank.....	1				1	
Granite County—						
Phi insburg (R. D.).....	1			1		
Lewis and Clark County—						
Helena.....	1				1	
Lincoln County—						
Troy.....	6				6	
Powder River County—						
Moorhead.....	6				6	
Ravalli County—						
Hamilton.....	1				1	
Roosevelt County—						
Froid.....	1				1	
Wolf Point (I R. D.).....	16				16	
Rosebud County—						
Carterville.....	1			1		
Forsyth.....	6			1	5	
Rosebud.....	1				1	
Sanders County—						
Paradise.....	2				2	
Teton County—						
Choteau.....	5				5	
Valley County—						
Glasgow.....	5			1	4	
Vandalia.....	1			1		
Wheatland County—						
Harlowton (R. D.).....	4				4	
Yellowstone County—						
Billings.....	2				2	
Total.....	85			4	31	
New Mexico:						
Bernalillo County.....	2				2	
Colfax County.....	7				7	
Grant County.....	1				1	
Lincoln County.....	2				2	

SMALLPOX—Continued.

State Reports for December, 1919—Vaccination Histories—Continued.

Place.	New cases reported.	Deaths.	Vaccination history of cases.			
			Vaccinated within 7 years preceding attack.	Last vaccinated more than 7 years preceding attack.	Never successfully vaccinated.	History not obtained or uncertain.
New Mexico—Continued.						
Sandoval County.....	2					2
San Juan County.....	2				1	1
San Miguel County.....	1			1		
Santa Fe County.....	4				4	
Sierra County.....	17				17	
Torrance County.....	5				5	
Union County.....	10			1	5	4
Total.....	53			2	44	7
Ohio:						
Allen County.....	1				1	
Ashland County.....	1				1	
Butler County.....	3					3
Champaign County.....	4				4	
Coshocton County.....	2				2	
Crawford County.....	13			1	9	3
Cuyahoga County.....	2					2
Darke County.....	5				4	1
Erie County.....	5				2	3
Franklin County.....	2					2
Hamilton County.....	44				12	32
Henry County.....	4					4
Hocking County.....	1			1		
Huron County.....	7			1		6
Jefferson County.....	9				6	3
Lake County.....	4				4	
Lorain County.....	4				6	2
Lucas County.....	4				3	1
Mahoning County.....	33			2	22	9
Marion County.....	17					17
Meigs County.....	1					1
Miami County.....	44			1	35	8
Montgomery County.....	8				3	5
Muskingum County.....	1					1
Perry County.....	3				3	
Pickaway County.....	26					26
Richland County.....	44			3	33	8
Ross County.....	27		1		19	7
Sandusky County.....	1					1
Scioto County.....	25				14	11
Seneca County.....	1					1
Shelby County.....	1		1			
Stark County.....	27				2	25
Trumbull County.....	1				1	
Tuscarawas County.....	2					2
Van Wert County.....	2					2
Warren County.....	57		1	1	46	9
Williams County.....	3					3
Wyandot County.....	1					1
Total.....	444		3	10	234	197

Monthly State Reports, 1919.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Delaware (December):			Idaho (December):		
Eussex County—			Ada County.....	33	
Indian River.....	209		Adams County.....	1	
Broadkill.....	1		Bannock County.....	65	
Georgetown.....	7		Benewah County.....	3	
Lewes and Rehoboth.	2		Bingham County.....	2	
Dagsboro.....	6	1	Bonner County.....	14	
Baltimore.....	4		Bonneville County.....	14	
Total.....	229	1	Canyon County.....	43	
			Caribou County.....	3	
			Cassia County.....	4	

SMALLPOX—Continued.

Monthly State Reports, 1919—Continued.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Idaho (December)—Contd.			Maine (October)—Contd.		
Elmore County.....	30		Cumberland County—		
Franklin County.....	10		Freeport (town).....	1	
Frement County.....	3		Portland.....	2	
Gem County.....	15		Franklin County—		
Gooding County.....	2		Jay (town).....	3	
Jerome County.....	12		Kennebec County—		
Kootenai County.....	3		Monmouth.....	2	
Latah County.....	12		Somerset County—		
Minidoka County.....	10		Pittsfield.....	1	
Payette County.....	2		Total.....	24	
Power County.....	11				
Shoshone County.....	2		Maine (December):		
Twin Falls County.....	38		Androscoggin County—		
Valley County.....	9		Auburn.....	2	
Total.....	341		Lewiston.....	13	
			Aroostook County—		
Iowa (December):			Port Kent (town).....	1	
Adair County.....	5		Portage (town).....	3	
Audubon County.....	1		Van Buren (town).....	7	
Benton County.....	2		Cumberland County—		
Blackhawk County.....	23		New Gloucester (town).....	1	
Bremer County.....	5		Franklin County—		
Butler County.....	4		Farmington (town).....	6	
Carroll County.....	2		Industry (town).....	1	
Cass County.....	1		New Vineyard (town).....	2	
Cerro Gordo County.....	9		Wilton (town).....	1	
Cherokee County.....	1		Oxford County—		
Davis County.....	5		Hebron (town).....	1	
Des Moines County.....	3		Norway (town).....	3	
Dickinson County.....	2		Total.....	41	
Dubuque County.....	3				
Hardin County.....	18		Mississippi (December):		
Harrison County.....	6		Bolivar County.....	22	
Ia County.....	1		Choctaw County.....	2	
Jackson County.....	1		Clay County.....	1	
Linn County.....	4		Coshoma County.....	5	
Lyon County.....	4		Copiah County.....	1	
Mills County.....	6		De Soto County.....	1	
Mitchell County.....	4		Forest County.....	1	
Muscatine County.....	2		Hinds County.....	1	
O'Brien County.....	7		Lauderdale County.....	1	
Palo Alto County.....	1		Leflore County.....	14	
Plymouth County.....	5		Lowndes County.....	1	
Folk County.....	2		Madison County.....	1	
Pottawattamie County.....	8		Marshall County.....	7	
Scott County.....	108		Newton County.....	1	
Shelby County.....	3		Oktibbeha County.....	2	
Tama County.....	3		Panola County.....	1	
Total.....	249		Pike County.....	3	
			Pontotoc County.....	1	
Maine (June):			Prentiss County.....	2	
Androscoggin County—			Simpson County.....	1	
Lisbon (town).....	3		Sunflower County.....	43	
Aroostook County—			Tallahatchie County.....	25	
Van Buren (town).....	4		Tippah County.....	1	
Cumberland County—			Warren County.....	11	
Brunswick (town).....	1		Washington County.....	19	
Portland.....	2		Total.....	171	
Franklin County—					
Rangeley (town).....	2		North Dakota (December):		
Kennebec County—			Burleigh County—		
Waterville.....	1		Bismarck.....	1	
Sagadahoc County—			Cass County—		
Bath.....	9		Fargo.....	2	
Topsham (town).....	1		Hettinger County.....	7	
Washington County—			McIntosh County.....	1	
Columbia Falls (town).....	2		Mountrail County.....	3	
Total.....	30		Sargent County.....	1	
			Total.....	15	
Maine (October):					
Androscoggin County—			Oregon (December):		
Auburn.....	5		Benton County.....	5	
E. Livermore (town).....	2		Clackamas County.....	38	
Livermore (town).....	2		Coc County.....	4	
Lewiston.....	3		Deschutes County.....	5	
Webster (town).....	1		Douglas County.....	1	
Aroostook County—			Hood River County.....	7	
Caswell Pl.....	2				

SMALLPOX—Continued.

Monthly State Reports, 1919—Continued.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Oregon (December)—Contd.			Virginia (December)—Contd.		
Jackson County.....	1		Isle of Wight County.....	4	
Lane County.....	3		Lee County.....	1	
Lincoln County.....	1		Mecklenburg County.....	1	
Linn County.....	2		Montgomery County—		
Marion County.....	1		Oney.....	1	
Multnomah County.....	2		Lafayette.....	1	
Polk County.....	1		Nelson County.....	2	
Tillamook County.....	2		Norfolk County—		
Umatilla County.....	18		Norfolk.....	14	
Wasco County.....	57		Page County.....	1	
Yamhill County.....	5		Shenandoah.....	1	
Portland.....	346		Patrick County.....	1	
Total.....	499		Pittsylvania County.....	12	
Pennsylvania (December):			Princess Anne County.....	2	
Beaver County.....	2		Prince William County.....	1	
Mercer County.....	2		Roanoke County.....	1	
Northampton County.....	1		Roanoke.....	5	
Philadelphia County.....	1		Rockingham County.....	4	
Total.....	6		Elkton.....	1	
South Dakota (December):			Russell County.....	10	
Aurora County.....	1		Scott County.....	4	
Beadle County.....	4		Duffield.....	5	
Butte County.....	4		Southampton County.....	1	
Charles Mix County.....	1		Franklin.....	1	
Codington County.....	2		Stafford County—		
Custer County.....	2		Falmouth.....	2	
Davidson County.....	2		Tazewell County—		
Douglas County.....	1	1	Graham.....	1	
Fall River County.....	10		Warwick County—		
Faulk County.....	5		Newport News.....	4	
Grant County.....	15		Wise County.....	3	
Hanson County.....	4		Exeter.....	2	
Jerauld County.....	5		Norton.....	1	
Jones County.....	3		Inman.....	14	
Yankton County.....	3		Wythe County.....	2	
Total.....	62	1	York County.....	1	
Virginia (December):			Total.....	147	
Albemarle County.....	3		Wyoming (December):		
Alleghany County—			Laramie County.....	1	
Clifton Forge.....	3		Big Horn County.....	2	
Bedford County.....	15		Sweetwater County.....	1	
Culpeper County.....	1		Albany County.....	20	
Dickenson County.....	2		Weston County.....	2	
Franklin County.....	9		Converse County.....	2	
Henry County.....	3		Sheridan County.....	8	
Fieldale.....	7		Goshen County.....	6	
			Uinta County.....	1	
			Crook County.....	1	
			Total.....	44	

City Reports for Week Ended Jan. 17, 1920.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Akron, Ohio.....	2		Coffeyville, Kans.....	1	
Appleton, Wis.....	2		Colorado Springs, Colo.....	1	
Atlanta, Ga.....	2		Columbus, Ohio.....	1	
Baltimore, Md.....	3		Coshocton, Ohio.....	2	
Battle Creek, Mich.....	1		Cumberland, Md.....	1	
Billings, Mont.....	1		Dallas, Tex.....	63	
Birmingham, Ala.....	13		Danville, Ill.....	7	
Bluefield, W. Va.....	13		Davenport, Iowa.....	24	
Boise, Idaho.....	7		Denver, Colo.....	52	
Canton, Ohio.....	4		Des Moines, Iowa.....	1	
Cedar Rapids, Iowa.....	5		Detroit, Mich.....	17	
Chattanooga, Tenn.....	2		Dubuque, Iowa.....	1	
Cheyenne, Wyo.....	2		Duluth, Minn.....	6	
Chicago, Ill.....	2		East St. Louis, Ill.....	7	
Chillicothe, Ohio.....	4		El Paso, Tex.....	1	
Cincinnati, Ohio.....	2		Eureka, Calif.....	1	
Cleveland, Ohio.....	1		Everett, Wash.....	2	

SMALLPOX—Continued.

City Reports for Week Ended Jan. 17, 1920—Continued.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Flint, Mich.....	5		Oak Park, Ill.....	1	
Fond du Lac, Wis.....	19		Ogden, Utah.....	48	
Fort Wayne, Ind.....	1		Oklahoma City, Okla.....	1	
Fort Worth, Tex.....	5		Omaha, Nebr.....	21	
Fremont, Ohio.....	5		Oshkosh, Wis.....	1	
Galesburg, Ill.....	11		Paducah, Ky.....	2	
Great Falls, Mont.....	1		Philadelphia, Pa.....	1	
Green Bay, Wis.....	13		Pine Bluff, Ark.....	2	
Hammond, Ind.....	22		Pittsburgh, Pa.....	1	
Huntington, Ind.....	9		Pocatello, Idaho.....	14	
Huntington, W. Va.....	5		Pontiac, Mich.....	2	
Indianapolis, Ind.....	17		Portland, Oreg.....	99	
Ironton, Ohio.....	1		Pueblo, Colo.....	4	
Ironwood, Mich.....	3		Racine, Wis.....	4	
Janesville, Wis.....	3		Riverside, Calif.....	10	
Kansas City, Kans.....	1		Roanoke, Va.....	1	
Kansas City, Mo.....	23		Rock Island, Ill.....	9	
Kenosha, Wis.....	6		Rome, Ga.....	1	
Knoxville, Tenn.....	7		St. Cloud, Minn.....	5	
Kokomo, Ind.....	33		St. Joseph, Mo.....	71	
La Crosse, Wis.....	1		St. Louis, Mo.....	10	
La Fayette, Ind.....	3		St. Paul, Minn.....	25	
Lawrence, Kans.....	1		Salem, Oreg.....	3	
Lincoln, Nebr.....	12		Salt Lake City, Utah.....	9	
Logansport, Ind.....	17		Santa Barbara, Calif.....	2	
Long Beach, Calif.....	2		Sheboygan, Wis.....	3	
Los Angeles, Calif.....	3		Sioux City, Iowa.....	1	
Louisville, Ky.....	1		Sioux Falls, S. Dak.....	5	
Madison, Wis.....	2		South Bend, Ind.....	3	
Mankato, Minn.....	2		Springfield, Ohio.....	1	
Marion, Ind.....	1		Steubenville, Ohio.....	1	
Marion, Ohio.....	4		Stockton, Calif.....	1	
Marshalltown, Iowa.....	6		Superior, Wis.....	8	
Mason City, Iowa.....	3		Toledo, Ohio.....	3	
Milwaukee, Wis.....	6		Topera, Kans.....	1	
Minneapolis, Minn.....	44		Tuscaloosa, Ala.....	1	
Monmouth, Ill.....	12	1	Washington, D. C.....	2	
Muncie, Ind.....	3		Wausau, Wis.....	3	
New Orleans, La.....	9	6	Wichita, Kans.....	10	
North Little Rock, Ark.....	1		Winston-Salem, N. C.....	1	
Oakland, Calif.....	7		Youngstown, Ohio.....	3	

TETANUS.

City Reports for Week Ended Jan. 17, 1920.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Dallas, Tex.....	1	1	Providence, R. I.....		1
Hammond, Ind.....		1	San Francisco, Calif.....		1
New York, N. Y.....	1	1	Savannah, Ga.....		1
Omaha, Nebr.....		1			

TUBERCULOSIS.

See Telegraphic weekly reports from States, p. 284, and Weekly reports from cities, p. 305.

TYPHOID FEVER.
Monthly State Reports, 1919.

Place.	New cases reported.	Place.	New cases reported.
Delaware (December):		Mississippi (December):	
Kent County—		Adams County.....	3
Harrington.....	1	Amite County.....	2
New Castle County—		Attala County.....	1
Port Penn.....	2	Bolivar County.....	2
St. Georges.....	2	Carroll County.....	1
Wilmington.....	3	Choctaw County.....	1
Sussex County—		Clay County.....	1
Milton.....	1	Coahoma County.....	3
Selbyville.....	1	Copiah County.....	7
Total.....	10	De Soto County.....	1
Idaho (December):		Greene County.....	3
Bonneville County.....	2	Grenada County.....	4
Maine (June):		Hancock County.....	1
Aroostook County—		Harrison County.....	5
Van Buren (town).....	1	Hinds County.....	2
Cumberland County—		Holmes County.....	3
Portland.....	7	Humphreys County.....	3
Gorham (town).....	1	Jackson County.....	1
Kennebec County—		Jasper County.....	4
Augusta.....	1	Jones County.....	21
Somerset County—		Kemper County.....	1
Fairfield (town).....	1	Lauderdale County.....	5
Waldo County—		Lawrence County.....	2
Belfast.....	1	Loake County.....	1
Washington County—		Lee County.....	1
Calais.....	1	Leflore County.....	3
Total.....	13	Lincoln County.....	3
Maine (October):		Madison County.....	9
Androscoggin County—		Marion County.....	1
Livermore (town).....	2	Marshall County.....	3
Aroostook County—		Oktibbeha County.....	1
Frenchville (town).....	2	Panola County.....	6
Fort Fairfield (town).....	2	Pearl River County.....	2
Van Buren (town).....	2	Pike County.....	1
Cumberland County—		Pontotoc County.....	5
Portland.....	14	Scott County.....	2
Kennebec County—		Simpson County.....	2
Augusta.....	1	Smith County.....	2
Waterville.....	8	Stone County.....	1
Knox County—		Sunflower County.....	12
Thomaston (town).....	1	Tate County.....	1
Rockland.....	2	Tippah County.....	2
Oxford County—		Tishomingo County.....	4
Brownfield (town).....	1	Tunica County.....	3
Sagadahoc County—		Union County.....	3
Bath.....	8	Warren County.....	4
York County—		Washington County.....	2
Sanford (town).....	2	Wayne County.....	2
York (town).....	2	Webster County.....	2
Saco.....	1	Winston County.....	1
Total.....	48	Yazoo County.....	5
Maine (December):		Total.....	159
Androscoggin County—		Montana (December):	
Poland (town).....	1	Cascade County—	
Aroostook County—		Great Falls.....	1
Presque Isle (town).....	1	Chouteau County—	
Cumberland County—		Floweree (R. D.).....	1
Portland.....	2	Fergus County—	
Standish (town).....	1	Lewistown (R. D.).....	1
Franklin County—		Hill County—	
Rangeley (town).....	1	Chester.....	1
Penobscot County—		Havre.....	1
Argyle (town).....	1	Lewis and Clark County—	
Piscataquis County—		Helena.....	2
Foxcroft (town).....	1	Missoula County—	
Sagadahoc County—		Missoula.....	1
Bath.....	1	Park County—	
York County—		Livingston.....	4
Sanford (town).....	1	Total.....	12
Waterboro (town).....	1	New Mexico (December):	
Total.....	11	Bernalillo County.....	4
		Chaves County.....	2
		Luna County.....	1
		Mora County.....	3
		Roosevelt County.....	1
		San Miguel County.....	1

TYPHOID FEVER—Continued.

Monthly State Reports, 1919—Continued.

Place.	New cases reported.	Place.	New cases reported.
New Mexico (December)—Continued.		Oregon (December):	
Santa Fe County	1	Douglas County.....	12
Taos County.....	1	Lane County.....	2
Valencia County.....	1	Portland.....	2
Total.....	15	Total.....	16
North Dakota (December):		Pennsylvania (December):	
Bowman County.....	1	Adams County.....	1
Burke County.....	1	Allegheny County.....	40
Burleigh County—		Armstrong County.....	11
Bismarck.....	1	Beaver County.....	6
Cass County—		Berks County.....	13
Fargo.....	2	Bucks County.....	10
Hettinger County.....	2	Butler County.....	5
Morton County—		Cambria County.....	7
Mandan.....	2	Center County.....	2
Ramsey County.....	1	Chester County.....	3
Renville County.....	1	Clearfield County.....	3
Steele County.....	1	Clinton County.....	2
Ward County—		Cumberland County.....	3
Kenmare.....	1	Dauphin County.....	4
Total.....	13	Delaware County.....	4
Ohio (December):		Erie County.....	1
Adams County.....	1	Fayette County.....	18
Allen County.....	7	Franklin County.....	10
Ashtabula County.....	2	Greene County.....	3
Athens County.....	2	Huntingdon County.....	2
Belmont County.....	3	Indiana County.....	3
Brown County.....	1	Jefferson County.....	5
Butler County.....	2	Juniata County.....	2
Carroll County.....	3	Lancaster County.....	10
Clermont County.....	2	Lawrence County.....	2
Columbiana County.....	1	Lebanon County.....	2
Crawford County.....	2	Lehigh County.....	7
Cuyahoga County.....	9	Luzerne County.....	2
De fiance County.....	3	Lyzoming County.....	1
Franklin County.....	3	Mercer County.....	2
Greene County.....	2	Monroe County.....	1
Hamilton County.....	5	Montgomery County.....	9
Hocking County.....	4	Montour County.....	1
Holmes County.....	3	Northampton County.....	1
Huron County.....	1	Northumberland County.....	7
Jackson County.....	8	Perry County.....	1
Jefferson County.....	5	Philadelphia County.....	22
Lake County.....	3	Potter County.....	1
Lawrence County.....	8	Schuylkill County.....	2
Licking County.....	1	Somerset County.....	8
Lorain County.....	1	Tioga County.....	4
Lucas County.....	2	Venango County.....	7
Madison County.....	1	Washington County.....	6
Mahoning County.....	2	Wayne County.....	1
Marion County.....	1	Westmoreland County.....	6
Meigs County.....	1	York County.....	0
Mercer County.....	1	Total.....	271
Monroe County.....	1	South Dakota (December):	
Montgomery County.....	2	Hamlin County.....	1
Muskingum County.....	3	Jones County.....	1
Richland County.....	1	Total.....	2
Ross County.....	3	Virginia (December):	
Scioto County.....	2	Accomac County.....	2
Seneca County.....	1	Hopeton.....	1
Shelby County.....	1	Painter.....	2
Stark County.....	2	Albemarle County—	
Summit County.....	5	Keswick.....	1
Trumbull County.....	11	Alexandria County—	
Tuscarawas County.....	1	Alexandria.....	1
Union County.....	5	Falls Church.....	1
Wayne County.....	1	Alleghany County—	
Williams County.....	3	Clifton Forge.....	1
Wood County.....	2	Augusta County—	
Wyandot County.....	1	Staunton.....	3
Total.....	135	Bath County.....	1

TYPHOID FEVER—Continued.

Monthly State Reports, 1919—Continued.

Place.	New cases reported.	Place.	New cases reported.
Virginia (December)—Continued.		Virginia (December)—Continued.	
Buchanan County.....	5	Russell County.....	1
Grundy.....	5	Scott County.....	1
Hurley.....	3	Shenandoah County.....	1
Carroll County.....	1	Quicksburg.....	2
Chesterfield County—		Southampton County.....	2
Winterpock.....	1	Spotsylvania County.....	1
Craig County.....	1	Surry County.....	3
New Castle.....	1	Sussex County.....	1
Dickenson County.....	1	Tazewell County.....	1
Dinwiddie County.....	3	Warwick County—	
Elizabeth City County—		Newport News.....	2
Hampton.....	1	Washington County.....	5
Goochland County—		Bristol.....	4
Manakin.....	1	Emory.....	1
Grayson County.....	1	Westmoreland County—	
Greensville County—		Colonial Beach.....	1
Emporia.....	1	Wise County—	
Henrico County.....	1	Inman.....	1
Richmond.....	7	Wythe County.....	1
King and Queen County.....	1	York County.....	1
Lee County.....	3		
Montgomery County.....	3	Total.....	94
Nansemond County—			
Whaleyville.....	1	Wyoming (December):	
Norfolk County—		Sheridan County.....	1
Norfolk.....	4	Freemont County.....	2
Orange County.....	1	Johnston County.....	1
Patrick County.....	2	Uinta County.....	2
Roanoke County.....	2		
Salem.....	3	Total.....	6

City Reports for Week Ended Jan. 17, 1920.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Akron, Ohio.....	1		McKeesport, Pa.....	1	
Atlanta, Ga.....	2	2	Marlboro, Mass.....	1	1
Baltimore, Md.....	2	2	Mattoon, Ill.....	1	
Beaver Falls, Pa.....	1		Memphis, Tenn.....	2	2
Birmingham, Ala.....	3		Milwaukee, Wis.....	1	
Braddock, Pa.....	1		Minneapolis, Minn.....	1	1
Bridgeport, Conn.....	1		Missoula, Mont.....	1	
Burlington, Iowa.....	1		Mobile, Ala.....	3	
Cambridge, Mass.....	1		Nashville, Tenn.....	1	
Camden, N. J.....	2		New Castle, Pa.....	4	
Cape Girardeau, Mo.....		1	New Orleans, La.....	2	
Charleston, S. C.....		2	Newport, R. I.....	1	
Chicago, Ill.....	1		New York, N. Y.....	15	2
Cleveland, Ohio.....	2		Northampton, Mass.....	1	1
Coffeyville, Kans.....	1		Norwalk, Conn.....	1	
Cohoes, N. Y.....	1		Oakland, Calif.....	1	
Colorado Springs, Colo.....	1		Oklahoma City, Okla.....	2	1
Columbus, Ohio.....	1	1	Pasadena, Calif.....	1	
Danville, Ill.....	1		Philadelphia, Pa.....	2	3
Detroit, Mich.....	1	1	Plymouth, Pa.....	1	
East Chicago, Ind.....	1	1	Portland, Me.....	1	
Elmira, N. Y.....	1	1	Portland, Oreg.....	1	
Erie, Pa.....	1		Poughkeepsie, N. Y.....	1	1
Everett, Mass.....	1		Richmond, Va.....	1	1
Fall River, Mass.....	2		Riverside, Calif.....	2	
Flint, Mich.....	1		Rochester, N. Y.....	1	1
Galesburg, Ill.....	1		Sacramento, Calif.....	1	
Galveston, Tex.....	1		St. Louis, Mo.....	1	1
Great Falls, Mont.....	1		San Francisco, Calif.....	1	
Hammond, Ind.....	2		Sheboygan, Wis.....	1	
Independence, Mo.....	10		Springfield, Ill.....	1	1
Indianapolis, Ind.....	3	1	Springfield, Mo.....	1	1
Jacksonville, Ill.....	1		Syracuse, N. Y.....	1	
Kenosha, Wis.....	1		Toledo, Ohio.....	2	
Lawrence, Mass.....	1		Washington, D. C.....	3	
Long Beach, Calif.....	1		Wilmington, Del.....	1	1
Los Angeles, Calif.....	2				

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS.

City Reports for Week Ended Jan. 17, 1920.

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.
Aberdeen, S. Dak.	15,926		5							
Adams, Mass.	14,406	4								
Akron, Ohio	93,604	12	7		139		78		6	
Alameda, Calif.	28,433	12	3		32					2
Alexandria, Va.	17,939	1					1		3	
Allentown, Pa.	65,109		1		5		3		1	
Alliance, Ohio	19,581	5	1		20		1			
Alpena, Mich.	13,365		1		5					
Alton, Ill.	23,783	9			1		7			
Amesbury, Mass.	10,200	0								
Anaconda, Mont.	10,631	0								
Anderson, Ind.	24,230	2								
Ann Arbor, Mich.	15,041	9	4		4		2			
Anniston, Ala.	14,326		2							
Ansonia, Conn.	16,954	1			3				2	
Appleton, Wis.	13,005	4					3			
Arlington, Mass.	13,073	4	1		2		4		1	
Asbury Park, N. J.	14,629	5					2			
Ashland, Ky.	12,195								1	
Ashtabula, Ohio	22,008	5	1		1					
Atlanta, Ga.	196,144	69	4	3	32		4			6
Atlantic City, N. J.	59,515	8	9		70		5		3	
Attleboro, Mass.	19,776	9	8		3		3		1	1
Auburn, Me.	16,607		2				1			
Aurora, Ill.	34,795	7								
Austin, Tex.	35,612	7	2							
Baltimore, Md.	594,637	220	54	5	88	1	48		41	25
Bangor, Me.	26,958						2			
Barberton, Ohio	14,187	7	1							
Battle Creek, Mich.	30,159		3	1	3		7			
Bayonne, N. J.	72,204		10		2				2	
Beatrice, Nebr.	10,437	2								1
Beaumont, Tex.	23,851	8					4			1
Beaver Falls, Pa.	13,749						2			
Bedford, Ind.	10,613	0								
Bellefonte, N. J.	12,797		6		2		1			
Beloit, Wis.	18,547		1				4			
Benton Harbor, Mich.	11,099				1		1			
Berkeley, Calif.	60,427	10	1		40		1		2	
Bethlehem, Pa.	14,353						1			
Beverly, Mass.	22,128	6			1		6			
Billings, Mont.	15,123	2							1	
Binghamton, N. Y.	54,864	13	4		2		1		4	
Birmingham, Ala.	189,716	55	8	1	12		4		16	8
Bloomfield, N. J.	19,013	3			1		5			
Bloomington, Ill.	27,462	10	2				5		2	1
Boise, Idaho	35,951	8	1				2			
Boston, Mass.	767,813	213	51	3	266	2	87	3	57	13
Braddock, Pa.	22,060		1		32					
Bradford, Pa.	14,544						1			
Brazil, Ind.	10,472	2								
Bridgeport, Conn.	124,724	43	23	1	53		5		1	4
Bristol, Conn.	16,318	4	3		1		1		2	
Brockton, Mass.	69,152	14	4		107	1	5		1	
Brookline, Mass.	33,526	11			9		4		1	
Brunswick, Ga.	10,984	1								
Buffalo, N. Y.	475,781	128	57	4	37	1	16	2	16	11
Burlington, Iowa	25,144	15					2		1	
Burlington, Vt.	21,302	5	1		1				1	2
Butte, Mont.	44,057	19	2	1	1		5			4
Cadillac, Mich.	10,158	4	2		12					
Cairo, Ill.	15,965	11	2	1	3					2
Cambridge, Mass.	114,293	38	7	1	17		9		4	6
Camden, N. J.	108,117		8		9		8		6	
Canton, Ill.	13,674	2								
Canton, Ohio	62,566	16	5				1			2
Cape Girardeau, Mo.	11,146	6			1		1			1
Carbondale, Pa.	19,597		3				1			
Carlisle, Pa.	10,795		2				2			
Cedar Rapids, Iowa	38,033		5	2			1			
Centralia, Ill.	11,838		5		1					
Chambersburg, Pa.	12,475				13		1			
Chanute, Kans.	12,968		3							
Charleston, S. C.	61,041	29	5	1	3	1	1		1	2

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

City Reports for Week Ended Jan. 17, 1920—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.
Charleston, W. Va.	31,060		8						1	
Charlotte, N. C.	40,759	10	3	1					1	
Chattanooga, Tenn.	61,575	20					1			1
Chelsea, Mass.	48,405	10	6				2			1
Chester, Pa.	41,837	1	1			3			1	
Cheyenne, Wyo.	11,320	6					1			
Chicago Heights, Ill.	22,863	6								
Chicago, Ill.	2,547,201	751	138	16	214	1	383	4	231	52
Chillicothe, Mass.	29,950	7	5	1	2		4		1	
Chillicothe, Ohio	15,625	2			1					
Cincinnati, Ohio	414,248	111	15	1	56	1	61		23	10
Cleveland, Ohio.	692,259	163	43	3	248	2	50	1	18	15
Clinton, Iowa.	27,678	1	1							
Clinton, Mass.	113,075	4	3				1		1	
Coffeetown, Kans.	18,331	1	3				2			1
Cohoes, N. Y.	25,292	7							2	1
Colorado Springs, Colo.	38,965	23	5	1			2		10	6
Columbia, S. C.	35,165		2							
Columbus, Ga.	26,506	14					1		2	
Columbus, Ohio.	220,135	70	6		12		11	1	4	7
Concord, N. H.	22,858	14			1		2		1	2
Cortland, N. Y.	13,321	7					4			1
Coshocton, Ohio.	11,887								1	
Council Bluffs, Iowa.	31,838	9	1				2			
Covington, Ky.	59,623	10	5		20					1
Cranston, R. I.	26,773	2			4					
Cumberland, Md.	26,696	7	2		1					1
Dallas, Tex.	129,738	50	13	1	3		5		5	4
Danbury, Conn.	22,931	7					1			
Danville, Ill.	32,969	10	2		3		1			
Davenport, Iowa.	49,618	1								
Dayton, Ohio.	128,939	42	6	1			3			
Decatur, Ill.	41,483	8	3		31					1
Dedham, Mass.	10,618	3			8					
Denver, Colo.	288,439	84	6		7	1	7			10
Des Moines, Iowa.	104,052		4				7			
Detroit, Mich.	619,648	271	85	3	116	2	107	4	34	23
Dover, N. H.	13,276	7			1					
Dubuque, Iowa.	40,096						2			
Duluth, Minn.	97,077	17	1	1	5		3		2	2
Dunmore, Pa.	21,286		1				1			
Durham, N. C.	26,160	3			1				3	2
East Chicago, Ind.	30,286	12								1
East Cleveland, Ohio	13,864		1		26		5			
Easthampton, Mass.	10,656		2				2		1	
Easton, Pa.	30,854		4				1		1	
East Orange, N. J.	43,761	11	2		12		3		2	
East St. Louis, Ill.	77,312	11	3		32		1		3	
Eau Claire, Wis.	18,887				2					
Elgin, Ill.	28,562	7			1		1			
Elizabeth, N. J.	88,830	22	3		56	1	2		2	2
Elkhart, Ind.	22,273	5	3		1		2			1
Elmira, N. Y.	38,272	16	2		55		1		3	4
El Paso, Tex.	69,149	32		1	1					10
Englewood, N. J.	12,603	5					2			1
Erie, Pa.	76,592		16		19		27		4	
Eureka, Calif.	15,142	8	6	2			1		6	1
Evanston, Ill.	29,304	19			4		7			
Everett, Mass.	40,160	8	11		2				2	
Fairmont, W. Va.	16,111	4					2			
Fall River, Mass.	129,823	37	9	4	4		2		5	1
Fargo, S. Dak.	17,872	9	2				7			
Farrell, Pa.	10,190		1		2					
Findlay, Ohio.	14,858	4	1							
Flint, Mich.	57,386	24	12		17		8			1
Fond de Lac, Wis.	21,486						2			
Fort Dodge, Iowa.	21,039		4	2			1			1
Fort Scott, Kans.	10,564	3	1						3	
Fort Smith, Ark.	28,390		2		1		1			
Fort Wayne, Ind.	78,014	25	3				10			2
Fort Worth, Tex.	109,597	33	8				1		1	1

1 Population Apr. 15, 1910.

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

City Reports for Week Ended Jan. 17, 1920—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.
Fostoria, Ohio.....	10,959	4			2					
Framingham, Mass.....	14,149	6			5				1	
Fremont, Ohio.....	11,054	4			2		2		1	
Fresno, Calif.....	36,314	13	1		1		1			2
Galesburg, Ill.....	24,629	4	1							
Galveston, Tex.....	42,650	15	2						2	2
Gardiner, Mass.....	17,534	4			3		2			
Glens Falls, N. Y.....	17,160	2								
Gloucester City, N. J.....	11,375				1					
Grand Rapids, Mich.....	132,861	24	9		12		2		4	1
Granite City, Ill.....	13,690	3			4		2			
Great Falls, Mont.....	113,948	9					3			
Greeley, Colo.....	11,942	3							1	
Green Bay, Wis.....	30,017		1		2				1	
Greenfield, Mass.....	12,251	4	1		1					
Greensboro, N. C.....	20,171	9		1						1
Greenwich, Conn.....	19,594	5	1		6		2		2	
Hackensack, N. J.....	17,412	9			14		1			
Hammond, Ind.....	27,016	13	4		3		8		2	1
Harrisburg, Pa.....	73,276		2				2			
Harrison, N. J.....	17,945						3			
Hartford, Conn.....	112,851	42	7	1	2		20		3	4
Haverhill, Mass.....	49,180	18	5				1		2	1
Hazleton, Pa.....	28,981				1					
Hibbing, Minn.....	17,550		1		5					
Hoboken, N. J.....	78,324	11	2		15		1		8	
Holland, Mich.....	12,459	6								
Holyoke, Mass.....	66,503	22	1		7		10		2	3
Hudson, N. Y.....	12,886	3								
Huntington, Ind.....	10,982	2	1	1			4			
Huntington, W. Va.....	47,686	15	3		1		4			1
Hutchinson, Kans.....	21,461						2			
Independence, Mo.....	11,964	5	1	1			1			
Indianapolis, Ind.....	283,622	97	8	1	24		31		21	8
Ironton, Ohio.....	14,079	8								
Ironwood, Mich.....	15,085	4			1		3			1
Irrvington, N. J.....	16,710				2		2			
Ishpeming, Mich.....	12,443	3					1			
Ithaca, N. Y.....	16,017	9					1		1	1
Jacksonville, Ill.....	15,506	12								2
Janesville, Wis.....	14,411	5								
Jersey City, N. J.....	312,557		33		23		7		24	
Johnstown, Pa.....	70,473		2		21				6	
Joplin, Mo.....	33,400	6	1				1			
Kalamazoo, Mich.....	50,408	19			4		2			
Kankakee, Ill.....	14,270	3								1
Kansas City, Kans.....	102,096		8		8		7			
Kansas City, Mo.....	305,816	116	11		41	2	18		8	9
Kearny, N. J.....	24,325	3	5		12		1			1
Keene, N. H.....	10,725	7					2			
Kenosha, Wis.....	32,833				2					
Kewanee, Ill.....	13,607	2								
Knoxville, Tenn.....	59,112		2		47		1		5	5
Kokomo, Ind.....	21,929	6					1		1	1
Lackawanna, N. Y.....	16,219	4			3					
La Crosse, Wis.....	31,835	8							1	1
La Fayette, Ind.....	21,481	9			1		8			
Lancaster, Ohio.....	16,086	5	1				1			
Lancaster, Pa.....	51,437		3		15		3			
La Salle, Ill.....	12,332	3							2	
Laurel, Miss.....	12,313			1				1		
Lawrence, Kans.....	13,477	5								
Lawrence, Mass.....	102,923	18	2	2	7		10		8	1
Leavenworth, Kans.....	19,363	5					1			
Leominster, Mass.....	21,365	6	3	1	1		3		3	
Lexington, Ky.....	41,997	24			1		2		1	3
Lima, Ohio.....	37,145	11	4		8		1			1
Lincoln, Neb.....	46,957	7	2				1			
Lincoln, R. I.....	10,473		1							
Little Rock, Ark.....	58,716		3		2		2		1	

¹ Population Apr. 15, 1910.

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

City Reports for Week Ended Jan. 17, 1920—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.
Lockport, N. Y.	20,028	9								
Logansport, Ind.	21,338	3			8		8			
Long Beach, Calif.	29,163				1					1
Long Branch, N. J.	15,733	3	1		11		2		1	
Lorain, Ohio	38,266		1		3					1
Los Angeles, Calif.	535,485	175	62	1	17	1	16	1	65	19
Louisville, Ky.	240,806	73	7				11		14	6
Lowell, Mass.	114,366	23	11	1	1		14		6	1
Lynchburg, Va.	33,497	5	1							
Lynn, Mass.	104,534	29	13		3		40		4	6
McKeesport, Pa.	48,299				2		1			
McKees Rocks, Pa.	20,795				2					
Madison, Wis.	31,315				9		1		1	
Mahanoy City, Pa.	17,709		1		4		1			
Malden, Mass.	52,243	10	2		5		3		1	
Manchester, Conn.	15,859	2							1	
Manchester, N. H.	79,607	18	8				2		4	
Manitowoc, Wis.	18,981		1		1		5			
Mankato, Minn.	10,365	3	1		1					
Marinette, Wis.	14,610		1		1					
Marion, Ind.	19,923	6	1		11					
Marion, Ohio	24,129		3				5			
Marlboro, Mass.	15,285	5	1		4					
Marshalltown, Iowa	14,519		2							
Martinsburg, W. Va.	12,984		6				1			
Martins Ferry, Ohio	10,135						1		1	
Mason City, Iowa	14,938	9			23					1
Mattoon, Ill.	12,764				13					
Meadville, Pa.	13,968				1					
Medford, Mass.	26,681	8			23		6		1	
Melrose, Mass.	17,724	4			2		1			
Memphis, Tenn.	151,877	81	15		3		6		11	7
Meriden, Conn.	20,431		1		1		4		2	
Methuen, Mass.	14,320	4	1				4			
Middletown, N. Y.	15,980						2			
Middletown, Ohio	16,384	3	1		4		1			2
Milwaukee, Wis.	445,008	78	36	3	61		34	1		8
Minneapolis, Minn.	373,448	93	10		16		24	1	32	15
Mishawaka, Ind.	17,083	3								
Missoula, Mont.	19,075	4					5			
Mobile, Ala.	50,201	13	3				5			1
Monessen, Pa.	23,070		2		34		1			
Monmouth, Ill.	10,346	5	1							
Montgomery, Ala.	44,039	13	6				3			
Morgantown, W. Va.	14,444	0	3						1	
Morristown, N. J.	13,410	0			1		1		1	
Mountsville, W. Va.	11,513	5	1		1					
Mount Carmel, Pa.	20,709		2				1		3	
Mount Vernon, N. Y.	37,991	3	5		18					1
Muncie, Ind.	25,653	11	6	1	8		6			
Muscatine, Iowa	17,713	4								
Nanticoke, Pa.	23,511						4			
Nashua, N. H.	27,541	7	2		2		5			
Nashville, Tenn.	118,136	39	1	1	2		1		4	2
Natick, Mass.	10,140	2					2		1	
Newark, N. J.	418,789	129	25	1	149	2	25		44	18
New Brunswick, N. J.	25,855		2				1		1	
Newburyport, Mass.	15,291	6	2	1					1	
New Castle, Pa.	41,915		4		12		12			
New Haven, Conn.	152,275	45	18	2	63	2	16		5	2
New Orleans, La.	377,010	166	11	1	5		4		24	15
Newport, R. I.	30,585	6					6			
Newton, Mass.	44,345	11	7	2	3		2			
New York, N. Y.	5,737,492	1,461	322	28	1,577	34	154	5	341	114
Niagara Falls, N. Y.	38,466	14	5	1	46		1		3	
Norristown, Pa.	31,969		3		2		1		4	
North Adams, Mass.	122,019	6	1						1	
Northampton, Mass.	20,008	11	2	1	1		1		1	
North Attleboro, Mass.	11,248	3							2	
North Braddock, Pa.	15,684				32		1			
North Little Rock, Ark.	15,515		1		1					
North Tonawanda, N. Y.	14,080	3			3				1	
Norwalk, Conn.	27,332	6	1		1		4		1	

¹ Population Apr. 15, 1910.

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

City Reports for Week Ended Jan. 17, 1920—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.
Norwich, Conn.....	21,923	1	1		1				1	
Norwood, Ohio.....	23,269	2			6		1			
Oakland, Calif.....	206,405				73		10		5	2
Oak Park, Ill.....	27,816	17			4		2			
Ogdensburg, N. Y.....	16,845	2								
Ogden, Utah.....	32,343	18					3			
Oil City, Pa.....	20,162		2						1	
Oklahoma City, Okla.....	97,588	19	2	1			1			1
Olean, N. Y.....	16,927	6		2						
Omaha, Nebr.....	177,777	32	4		4		44			2
Oshkosh, Wis.....	36,549				5					
Paducah, Ky.....	25,178				5		1			
Parkersburg, W. Va.....	21,059	9							1	1
Parsons, Kans.....	15,952				1					
Pasadena, Calif.....	49,620	14	1		3		6			2
Passaic, N. J.....	74,478	18	4		7				3	1
Paterson, N. J.....	140,512	6	6		8		3		7	
Peekskill, N. Y.....	19,034	4								
Peoria, Ill.....	72,184	19	3		1		6	1		3
Perth Amboy, N. J.....	42,646	14	8		2				3	2
Petersburg, Va.....	25,817	12	1						3	2
Philadelphia, Pa.....	1,735,514	548	101	15	329	2	106	2	92	42
Phillipsburg, N. J.....	15,879	4	1						1	1
Phoenixville, Pa.....	11,871		2							
Pine Bluff, Ark.....	17,777		1							1
Pittsburgh, Pa.....	586,196		15		79		9		28	
Pittsfield, Mass.....	39,678	13	1		1		1		3	2
Plainfield, N. J.....	24,330	8	1		19		1			
Plymouth, Mass.....	14,001	3								
Plymouth, Pa.....	19,439		1				1			
Pocatello, Idaho.....	12,806						1			
Pontiac, Mich.....	18,066	13	11		13	1				
Port Chester, N. Y.....	16,727	6	1		2					
Port Huron, Mich.....	18,863	16			95	1	2			1
Portland, Me.....	64,720	21					9			
Portland, Oreg.....	308,399	68	6	1	5		8		10	4
Portsmouth, N. H.....	11,730		2				3			
Pottstown, Pa.....	16,987						1			
Pottsville, Pa.....	22,717				1				1	
Poughkeepsie, N. Y.....	30,786	8					2		1	
Providence, R. I.....	259,835	78	34	2	6		12			5
Pueblo, Colo.....	56,084		1				2			2
Quincy, Mass.....	39,022	21	8	1	3		13		1	
Racine, Wis.....	47,465				3		16			
Rahway, N. J.....	10,361	3								
Raleigh, N. C.....	20,274	11								
Reading, Pa.....	111,607		7		1		1			
Reno, Nev.....	15,514	3								
Richmond, Ind.....	25,080	8	3		10		6			5
Richmond, Va.....	153,702	49	5		29		6			2
Riverside, Calif.....	20,496	8	1		2		1			2
Roanoke, Va.....	46,282	13	1		2		1			
Rochester, N. Y.....	264,714	69	33	1	103		9		8	
Rockford, Ill.....	56,739	15	2				1	1		
Rock Island, Ill.....	29,452	10	1						2	1
Rocky Mount, N. C.....	12,673	4	1		1				2	2
Rome, Ga.....	15,607		1				1			
Rome, N. Y.....	24,259		8				2			
Rutland, Vt.....	15,038	9	3		3					
Sacramento, Calif.....	68,984	25	1		19		2		1	2
St. Cloud, Minn.....	12,013		1		6					
St. Joseph, Mo.....	86,498	18	1		2		4			
St. Louis, Mo.....	768,630	225	94	6	253		52	1	31	8
St. Paul, Minn.....	252,465	57	26		11		12		9	2
Salem, Mass.....	49,346	17	14	1			7		3	
Salem, Oreg.....	21,274	4			1		1			
Salina, Kans.....	12,479		3		2		2		1	
Salt Lake City, Utah.....	121,623	44	4					1	1	1
San Angelo, Tex.....	10,321	0								
San Bernardino, Calif.....	17,616	6								1
San Diego, Calif.....	56,412	41	2		6		3		3	3
Sandusky, Ohio.....	28,226	7								
Sanford, Me.....	11,217	1			3				2	

1 Population Apr. 15, 1910.

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—
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City Reports for Week Ended Jan. 17, 1920—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.
San Francisco, Calif.	471,023	181				1	1			20
Santa Barbara, Calif.	15,360	7								
Santa Cruz, Calif.	15,150	3	1							1
Saratoga Springs, N. Y.	13,839	6	2							
Sault Ste. Marie, Mich.	14,130	3			2		4			
Savannah, Ga.	69,250	43	1				1		1	3
Schenectady, N. Y.	103,774	2	2		2		2			
Shamokin, Pa.	21,274	1	1		1					
Sharon, Pa.	19,156	1	1				1			
Sheboygan, Wis.	28,907	2	2		1		12			
Shenandoah, Pa.	29,753	1	1		1		1			
Sioux City, Iowa.	58,568						3			
Sioux Falls, S. Dak.	16,887	8					6			
Somerville, Mass.	88,618	27	3	2	6		5	2		1
South Bend, Ind.	70,967	12								
Southbridge, Mass.	14,465	6	1	1				1		
Spartanburg, S. C.	21,985									3
Springfield, Ill.	62,623	27								1
Springfield, Mass.	108,668	35	4		2		17	4		
Springfield, Mo.	41,169	22								4
Springfield, Ohio.	52,296	19	1		2		1	1		4
Stamford, Conn.	31,810		3		37		2			
Staunton, Va.	11,823	6	2				1			
Steubenville, Ohio.	28,259	10			2		1			
Stillwater, Minn.	110,198	1						2		
Stockton, Calif.	36,209	7			3		4			1
Sunbury, Pa.	16,661		7		4		2	2		
Superior, Wis.	47,167	7			16		3			1
Syracuse, N. Y.	158,559	42	7		3		12	3		
Taunton, Mass.	36,610	8	1		1		1	2		1
Terre Haute, Ind.	67,361	18	2	1	1		3	1		1
Toledo, Ohio.	202,010	57	4	1	298	1	29	8		5
Topeka, Kans.	49,538	13	1				2			1
Traverse City, Mich.	14,080	1								
Trenton, N. J.	113,974	35	13		11		3	6		6
Trinidad, Colo.	14,413						1			
Troy, N. Y.	78,094	19	2		4			1	3	
Tucson, Ariz.	17,324	15								
Tuscaloosa, Ala.	10,824	2							2	
Uniontown, Pa.	21,600		2		9		1			
Vallejo, Calif.	13,803	9								
Virginia, Minn.	15,934		1							
Waco, Tex.	34,015	13	1	1						2
Wakefield, Mass.	12,947	2			2		2		1	
Waltham, Mass.	31,011	9	1				2	1	3	
Washington, D. C.	369,282	137	26	2	6		19	1	21	5
Washington, Pa.	22,076				1					
Watertown, Mass.	15,138	3			12		3			
Watertown, N. Y.	30,404	1			1		3		2	1
Wausau, Wis.	19,666	4			1					
West Chester, Pa.	13,403		4							
Westfield, Mass.	18,769	9	2				6			1
West Hoboken, N. J.	44,336	10	4		2		2			
West New York, N. J.	19,613	0			6		3			
West Orange, N. J.	13,964	6	2		4		2			
Wheeling, W. Va.	43,657	16			6					1
White Plains, N. Y.	23,331	6			4					
Wichita, Kans.	73,597	27	4		2		2		3	1
Wilkes-Barre, Pa.	78,334		7		2		14		1	
Wilkinsburg, Pa.	23,899				28		1			
Williamsport, Pa.	34,123				2		5			
Wilmington, Del.	95,369	35	7	2	12		2			2
Wilmington, N. C.	30,400	18	1				9			1
Winchester, Mass.	10,812	1			7					
Windham, Conn. (town).	14,404						1			
Winona, Minn.	18,583	6			9					
Winston-Salem, N. C.	33,136	18							2	1
Woburn, Mass.	16,076	5								
Worcester, Mass.	166,106	56	7	1			16			3
Yonkers, N. Y.	102,066	19	10		24		1			2
York, Pa.	52,770		9		127		44			
Youngstown, Ohio.	112,282	27	5		1		19		1	1
Zanesville, Ohio.	31,320	6							1	

¹ Population Apr. 15, 1910.

FOREIGN AND INSULAR.

BRAZIL.

Influenza Mortality—State of Sao Paulo—October–December, 1918.

During the period October 1 to December 31, 1918, 12,386 fatal cases of influenza were reported in the State of Sao Paulo, Brazil. These fatalities were distributed, according to months, as follows: October, 873 deaths; November, 8,215 deaths; December, 3,298 deaths. The occurrence was reported from 200 municipalities (parishes). The total number of deaths from all causes notified during the period under report, was 36,654. The total population is stated at 4,240,229.

The occurrence of influenza deaths in cities was reported as follows: Capital (Sao Paulo), 5,331 deaths (total deaths all causes, 8,848; population, 528,295). Campinas, 209 deaths (total deaths from all causes, 677; population, 105,160). Santos, 847 (total deaths from all causes, 1,377; population, 95,365). Sao Carlos, 139 (total deaths from all causes, 341; population, 70,209). Ribeirao Preto, 205 (total deaths from all causes, 513; population, 56,000). Guaratingueta, 90 (total deaths from all causes, 477; population, 51,655); Botucatu, 55 (total deaths from all causes, 221; population, 33,545). Other localities in interior, 5,510 (total deaths from all causes, 24,200; population, 3,300,000).

CANADA.

Lethargic Encephalitis—Manitoba and Ontario.

During the week ended January 17, 1920, four cases of lethargic encephalitis, with four fatalities, were notified at Winnipeg, Manitoba, and 11 cases, with 6 fatalities, in the Province of Ontario.

Smallpox—Province of Ontario.

Smallpox has been reported in the Province of Ontario, Canada, as follows: Week ended January 10, 1920, 325 cases, of which 146 cases, with 4 fatalities, were notified at Toronto. The cases were distributed in 30 counties and 61 localities. There were reported 28 new centers of infection. Week ended January 17, 1920, 288 cases, of which 179 cases, with 1 fatality, were notified at Toronto. The cases were distributed in 25 counties and 45 localities. There were reported 20 new centers of infection.

During the month of November, 1919, 1,673 cases of smallpox, occurring in 30 counties and 69 localities, were reported in the Province of Ontario. Of these cases, 1,356 were notified at Toronto. During the month of December, 1919, there were reported 1,414 cases, with 2 deaths, occurring in 17 counties and 55 localities. Of these cases, 930 were notified at Toronto.

CANARY ISLANDS.

Epidemic Influenza—Las Palmas.

Epidemic influenza was reported present at Las Palmas, Canary Islands, January 20, 1920.

CUBA.

Communicable Diseases—Habana.

Communicable diseases have been notified at Habana as follows:

Disease.	Jan. 1-10, 1920.		Remain- ing under treatment Jan. 10, 1920.
	New cases.	Deaths.	
Broncho pneumonia.....	21	21	3
Chicken pox.....			2
Diphtheria.....	3		5
Influenza.....	20	12	11
Leprosy.....			19
Malaria.....	17	1	170
Measles.....	2		20
Paratyphoid fever.....			1
Scarlet fever.....	3	1	3
Smallpox.....			6
Typhoid fever.....	10	2	37

¹ From the interior, 18.

² From the interior, 16.

STRAITS SETTLEMENTS.

Influenza Mortality—Year 1918.

During the year 1918, 844 fatal cases of influenza were registered in the Straits Settlements. This figure is officially stated to bear little relation to the actual number of deaths resulting, directly or indirectly, from influenza. In June and July, 1918, a widespread epidemic of influenza was present, but in a comparatively mild form. The number of reported cases was large, but the case fatality is stated not to have been high. In October, 1918, a second and more serious outbreak occurred, which lasted about three weeks with great intensity. The disease was characterized by frequent occurrence of broncho pneumonia of extreme virulence and causing heavy mortality. It is stated that influenza caused approximately 3,500 fatalities, this figure being calculated on the excess deaths registered as due to pneumonia, bronchitis, phthisis, and "fever not specified." The total number of deaths from all causes reported was 36,294, as compared with 29,950 deaths in 1917 (population, 809,869), and 24,371 deaths in 1916 (population, 793,739); population in 1918, 827,719.

VIRGIN ISLANDS.

Contagious Diseases—December, 1919.

The occurrence of contagious diseases in the Virgin Islands during the month of December, 1919, was reported as follows:

	Cases.	Remarks.
In St. Thomas and St. John:		
Chancroid.....	12	6 imported.
Erysipelas.....	1	
Gonorrhœa.....	13	4 imported; 1 St. John.
Malaria, quartan.....	1	
Pellagra.....	1	
Schistosomiasis.....	1	Imported.
Syphilis.....	4	1 imported.
Trachoma.....	5	Do.
Tuberculosis, pulmonary.....	3	
Whooping cough.....	9	
Influenza.....	1	St. John.
In St. Croix:		
Amebic dysentery.....	3	
Chancroid.....	1	
Filariasis.....	33	
Gonorrhœa.....	6	
Leprosy.....	1	
Pellagra.....	2	
Syphilis.....	9	
Trachoma.....	22	

INFLUENZA.

The following information was taken from reports received during the week ended February 6, 1920:

Place.	Date.	Cases.	Deaths.	Remarks.
Algeria:				
Department—				
Algiers.....	Dec. 11-20.....	28		
Oran.....	do.....	1		
Brazil:				
Sao Paulo.....	Nov. 3-16.....		4	
Canada:				
Manitoba—				
Winnipeg.....	Dec. 14-27.....	3	1	
Do.....	Dec. 28-Jan. 17.....	2	4	
Canary Islands:				
Las Palmas.....	Jan. 20.....			Epidemic.
China:				
Hankow.....	Nov. 30-Dec. 6.....			Present. Mild.
Egypt:				
Cairo.....	Nov. 12-25.....	19	10	
Port Said.....	do.....	1		
France:				
Bordeaux.....	Nov. 24-30.....		1	
Great Britain:				
England and Wales.....	Dec. 28-Jan. 10.....		95	In 96 great towns. Population, aggregate, 16,577,344.
Scotland.....	do.....		4	In 16 principal towns. Thirteen deaths with influenza complications. Population, 2,416,900.
Greece:				
Athens.....	Nov. 14-Dec. 13.....		44	
Kalamata.....	Nov. 1-30.....		1	
Saloniki.....	Nov. 30-Dec. 14.....	3	1	Cases were among refugees from Russia.
India:				
Karachi.....	Dec. 7-20.....		377	
Madras.....	Dec. 14-20.....			Present in vicinity.
Norway:				
Christiania.....	Dec. 28-Jan. 3.....	1		
Malmo.....	Dec. 21-27.....	9		
Spain:				
Valencia.....	Dec. 28-Jan. 3.....	87	33	

INFLUENZA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Sweden:				
Stockholm.....	Nov. 23-29.....	3	2	
Switzerland:				
Zurich.....	Dec. 14-27.....	3		
Union of South Africa:				
Cape Town.....	Sept. 27-Oct. 31.....	43	3	
Durban.....	Nov. 2-8.....		1	
Port Elizabeth.....	Oct. 25-Nov. 29.....	21	1	
Virgin Islands:				
St. John.....	Dec. 1-31.....	1		
On vessel:				
S. S. Tenyo Maru.....	Jan. 10.....	7		At Honolulu. From Yokohama, Japan, Dec. 21, 1919.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER.
Reports Received During Week Ended Feb. 6, 1920.¹

CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
Japan:				
Taiwan.....	Nov. 21-30.....	6	11	Entire island.
Philippine Islands:				
Manila.....	Dec. 7-13.....	1		Dec. 7-13, 1919: Cases, 166; deaths, 108.
Provinces.....				
Albay.....	Dec. 7-13.....	11	10	
Ambos Camarines.....	do.....	15	6	
Antique.....	do.....	65	41	
Batangas.....	do.....	1	1	
Bohol.....	do.....	8	5	
Iloilo.....	do.....	5	3	
Isabela.....	do.....	9	8	
Laguna.....	do.....	5	2	
Mindoro.....	do.....	1	1	
Pangasinan.....	do.....	15	9	
Rizal.....	do.....	1		
Sorsogon.....	do.....	25	21	
Tayabas.....	do.....	5	1	
Manila.....	Dec. 14-20.....	3	1	Dec. 14-20, 1919: Cases, 102; deaths, 68.
Provinces.....				
Albay.....	Dec. 14-20.....	3	3	
Ambos Camarines.....	do.....	12	8	
Antique.....	do.....	36	31	
Bohol.....	do.....	1	1	
Cebu.....	do.....	2	1	
Laguna.....	do.....	1	1	
Occidental Negros.....	do.....	30	11	
Pangasinan.....	do.....	9	10	
Tayabas.....	do.....	8	2	

PLAGUE.

China:				
Hongkong.....	Dec. 7-13.....			In vicinity.
Ecuador:				
Guayaquil.....	Dec. 1-31.....	1		
Peru:				
Trujillo (Salaverry).....	Dec. 15-21.....	1		Present in surrounding country.
Turkey:				
Constantinople.....	Nov. 18-Dec. 14.....			Present in vicinity.

SMALLPOX.

Algeria:				
Department—				
Algiers.....	Dec. 11-20.....	16		
Constantine.....	do.....	1		
Oran.....	do.....	13		
Canada:				
British Columbia—				
Vancouver.....	Jan. 11-17.....	7		

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

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

Reports Received During Week Ended Feb. 6, 1920—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Canada—Continued.				
Manitoba—				
Winnipeg	Jan. 11-17	2		
Nova Scotia—				
Halifax	do.	1		
Ontario—				
Hamilton	Jan. 18-24	2		
Kingston	Jan. 11-17	1		
Ottawa	do.	1		
Toronto	do.	179	1	
Quebec—				
Quebec	do.	3		
China:				
Amoy	Dec. 2-8		1	
Canton	Dec. 7-20			Present.
Chungking	Nov. 23-29			Do.
Foochow	Nov. 23-Dec. 6			Do.
Nanking	Nov. 24-Dec. 6			Do.
Egypt:				
Alexandria	Dec. 10-16	6	3	
Cairo	Nov. 12-25	6	2	
Germany				
				Oct. 5-15, 1919: Cases, 32. In addition to previous reports, Sept. 28-Oct. 4, 1919: Cases, 26.
Italy:				
Genoa	Nov. 1-30	8	3	Province.
Messina	Dec. 14-21	10		In Province, 31 cases.
San Fratello	Dec. 14-20	20		
Mexico:				
Ciudad Juarez	Jan. 11-17		1	
Newfoundland:				
St. Johns	Jan. 10-16	1		Outports, 3 cases. Present at five other localities.
Portuguese East Africa:				
Lourenco Marques	Nov. 23-29	4		Present in 5 districts, Nov. 9-Dec. 6, 1919, with 38 reported cases.
Spain:				
Bilboa	Dec. 11-20		1	
Valencia	Dec. 29-Jan. 3	3		
Vigo	Dec. 14-20		3	
Do.	Dec. 23-Jan. 3		2	Dec. 21-27, 1919: Present in vicinity.
Turkey:				
Constantinople	Dec. 2-8	1		

TYPHUS FEVER.

Algeria:				
Department—				
Algiers	Dec. 11-20	1		
Austria	Sept. 7-14	7		
Vienna	do.	5		
Chile:				
Valparaiso	Dec. 14-20	110	27	
Egypt:				
Alexandria	Dec. 10-16	2		
Germany				
				Oct. 5-25, 1919: Cases, 10-3 civilians, 7 military.
Great Britain:				
Belfast	Dec. 23-Jan. 3	1	1	
Hungary				
				Aug. 25-Sept. 14, 1919: Cases, 6.
Mexico:				
San Luis Potosi	Jan. 11-17			Present.
Tunis:				
Tunis	Dec. 29-Jan. 4	1	1	
Turkey:				
Constantinople	Nov. 18-Dec. 14	22		

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

Reports Received from Dec. 27, 1919, to Jan. 30, 1920.¹

CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
China:				
Amoy.....	Nov. 4-17.....		2	
Chosen (Korea).....				Oct. 20-Nov. 16, 1919: Cases, 3,525; deaths, 3,144. Aug. 15-
Chemulpo.....	Oct. 1-31.....	6	4	Nov. 16, 1919: Cases, 15,192;
Fusan.....	do.....	34	30	deaths, 9,623.
Provinces—				
Keiki.....	Aug. 15-Nov. 16.....	224	135	
Kogon.....	do.....	64	38	
Kokal.....	do.....	4,015	2,770	
North Chusel.....	do.....	1	1	
North Helan.....	do.....	3,196	2,434	
North Kankyo.....	do.....	497	275	
North Keisho.....	do.....	63	35	
North Zenra.....	do.....	1,326	692	
South Chusel.....	do.....	930	590	
South Helan.....	do.....	3,031	1,858	
South Kankyo.....	do.....	870	551	
South Keisho.....	do.....	318	156	
South Zenra.....	do.....	657	288	
Greece:				
Saloniki.....	Oct. 10.....	1		
India:				Oct. 23-Nov. 22, 1919: Deaths,
Bombay.....	Nov. 2-8.....	1	1	12,700.
Calcutta.....	Oct. 26-Dec. 6.....	135	123	
Madras.....	Nov. 23-Dec. 13.....	7	3	
Rangoon.....	Nov. 30-Dec. 6.....	1		
Japan:				
Kobe.....	Nov. 24-30.....	2		
Taiwan.....				For entire island: Oct. 22-Nov.
Tokyo.....	Nov. 10-20.....	1	1	20, 1919: Cases, 645; deaths, 374.
Java:				
East Java.....				Oct. 5-11, 1919: One case, 1 death.
West Java.....				At Paseroean.
Batavia.....	Nov. 5-11.....	4		Nov. 5-11, 1919: Cases, 4.
Philippine Islands:				
Manila.....	Nov. 2-Dec. 6.....	15	9	Nov. 2-Dec. 6, 1919: Cases, 1,306;
Provinces.....				deaths, 950.
Albay.....	Nov. 2-Dec. 6.....	325	226	
Ambos Camarines.....	Nov. 2-22.....	39	20	
Antique.....	Nov. 2-Dec. 6.....	38	30	
Batangas.....	do.....	37	27	
Bohol.....	do.....	25	21	
Cagayan.....	Nov. 3-15.....	35	20	
Capiz.....	Nov. 2-8.....	6	5	
Cavite.....	Nov. 2-Dec. 6.....	25	16	
Cebu.....	Nov. 2-29.....	21	13	
Davao.....	Nov. 9-15.....	6	4	
Ilocos Norte.....	Nov. 2-29.....	42	40	
Ilocos Sur.....	Nov. 2-22.....	18	15	
Iloilo.....	Nov. 2-Dec. 6.....	50	30	
Isabela.....	do.....	158	69	
Laguna.....	Nov. 2-29.....	17	11	
Mindoro.....	Nov. 2-Dec. 6.....	80	30	
Mountain.....	Nov. 2-22.....	6	4	
Occidental Negros.....	Nov. 2-Dec. 6.....	68	39	
Pangasinan.....	do.....	36	27	
Rizal.....	do.....	41	15	
Sorsogon.....	do.....	183	118	
Tarlac.....	Nov. 2-22.....	11	11	
Tayabas.....	Nov. 2-Dec. 6.....	41	30	
Union.....	Nov. 9-15.....	5	5	
Poland:				
Garwolin.....				Present in November, 1919.
Kowal.....				Do.
Stryl.....				Do.
Siam:				
Bangkok.....	Oct. 5-Nov. 29.....		60	
Straits Settlements:				
Singapore.....	Oct. 5-Nov. 28.....	14	13	

¹ From medical officers of the Public Health Service, American consuls, and other sources. For reports received from June 28 to Dec. 26, 1919, see Public Health Reports for Dec. 26, 1919. The tables of epidemic diseases are terminated semiannually and new tables begun.

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

Reports Received from Dec. 27, 1919, to Jan. 30, 1920.

PLAGUE.

Place.	Date.	Cases.	Deaths.	Remarks.
British East Africa:				
Kisumu.....	Sept. 28-Nov. 1...	6	6	
Brazil:				
Bahia.....	Nov. 9-15.....	1	1	
Ceylon:				
Colombo.....	Oct. 26-Nov. 29...	18	19	
Chile:				
Antofagasta.....	Dec. 8-14.....	1		
Ecuador:				
Guayaquil.....	Nov. 1-30.....	1		
Egypt:				Jan. 1-Dec. 25, 1919: Cases, 867;
Cities—				deaths, 469.
Alexandria.....	Dec. 3.....	1	1	From vessel Rachid Pacha.
Province—				
Assiout.....	Nov. 15-21.....	30	17	
Greece:				
Saloniki.....	Oct. 6-Nov. 30....	18	7	
India.....				Oct. 19-Nov. 8, 1919: Cases, 12,419;
Bombay.....	Oct. 19-Nov. 29....	5	5	deaths, 9,382.
Karachi.....	Nov. 9-29.....	3	2	
Madras Presidency.....	Nov. 9-Dec. 13....	839	535	
Rangoon.....	Nov. 2-22.....	13	12	Oct. 19-Nov. 1, 1919: Cases, 10;
Java:				deaths, 7.
East Java.....				Sept. 28-Nov. 18, 1919: Cases, 639;
Peru:				deaths, 637.
Salaverry (Trujillo).....	Nov. 23-Dec. 14....	8	1	
Senegal:				
Dakar.....	Nov. 1-30.....		146	Including Dakar and vicinity.
Straits Settlements:				
Singapore.....	Oct. 23-Nov. 8....	2	1	
Syria:				
Beirut.....	Dec. 22.....	29		
Turkey:				
Constantinople.....	Nov. 14-20.....	10		Present Dec. 11, 1919.
On vessel:				
S. S. Kaiser-i-Hind.....	Nov. 28.....	3		At Port Said, Egypt. From Bombay, Nov. 15, for London.

SMALLPOX.

Algeria:				
Departments—				
Algiers.....	Nov. 11-Dec. 11....	34		
Constantino.....	do.....	13		
Oran.....	do.....	55		
Bolivia:				
La Paz.....	June 29-Dec. 20....		206	Dec. 29, 1918-June 23, 1919: Cases, 86; deaths, 44. Dec. 14-20, 1919: Cases, 7; deaths, 5.
Brazil:				
Bahia.....	Oct. 26-Nov. 15....	1,226	700	
Pernambuco.....	Nov. 10-16.....	29	4	
Rio de Janeiro.....	Sept. 28-Nov. 25....	372	105	
Canada:				
British Columbia—				
Vancouver.....	Nov. 30-Dec. 6....	1		
Do.....	Jan. 4-10.....	1		
Nova Scotia—				
Halifax.....	Dec. 21-27.....	2		
Do.....	Jan. 4-10.....	1		
Sydney.....	Dec. 7-13.....	1		
Do.....	Dec. 28-Jan. 10....	2		
Counties—				
Cumberland.....	Dec. 14-20.....			Present.
Inverness.....	do.....			Do.
Pictou.....	do.....			Do.
Ontario.....				Nov. 30-Dec. 6, 1919: Cases, 125, in 45 localities, exclusive of Dysart and Toronto. Dec. 1- 31, 1919: Cases, 1,414; deaths, 2. Dec. 28, 1919-Jan. 3, 1920: Cases 272, in 34 localities.

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

Reports Received from Dec. 27, 1919, to Jan. 30, 1920—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Canada—Continued.				
Ontario—Continued.				
Gloucester County				Oct.—Nov., 1919: Cases, 3.
Hamilton	Dec. 14-20	3		
Do.	Jan. 4-17	7		
Kingston	Dec. 21-27	1		
Do.	Dec. 28-Jan. 3	2		
North Bay	Jan. 11-17	3		
Ottawa	Dec. 14-20	1		
Do.	Dec. 28-Jan. 3	1		
Peterborough	Dec. 7-29	4		
Prescott	Jan. 4-10	1		
Sault Ste. Marie	Dec. 7-27	1		
Do.	Dec. 28-Jan. 3	1		
Toronto	Dec. 7-27	727		
Do.	Dec. 28-Jan. 10	328	4	
Windsor	Dec. 14-27	2		
Quebec—				
Montreal	Dec. 7-27	3		
Quebec	do.	4		
Do.	Jan. 4-10	5		
Saskatchewan—				
Moosejaw	Dec. 28-Jan. 31			
Saskatoon	Dec. 14-20	1		
Ceylon:				
Colombo	Nov. 16-22	9	9	
China:				
Amoy	Nov. 4-10			Present.
Canton	Nov. 2-29			Do.
Chungking	Nov. 2-Dec. 6			Do.
Foochow	Nov. 16-22			Do.
Nanking	Dec. 6-20			Do.
Chosen (Korea):				
Fusan	Oct. 1-31	2	1	
Seoul	do.	9	1	
Colombia:				
Barranquilla	Nov. 16-Dec. 20	50	2	
Egypt:				
Alexandria	Nov. 12-Dec. 2	17	9	
Cairo	Oct. 1-Nov. 4	36	19	
Port Said	do.	4	4	
Finland:				
Provinces—				
Nyland	July 16-31	1		
Tavastehus	do.	1		
Viborg	do.	23		
Finland				Oct. 15-31, 1919: Cases, 6.
Provinces—				
Nyland	Oct. 15-31	4		Helsingfors.
Tavastehus	do.	1		Rural district.
Viborg	do.	1		Do.
Finland				Nov. 1-15, 1919: Cases, 27.
Provinces—				
Abo Och Borneborg	Nov. 1-15	1		Rural district.
Nyland	do.	16		Helsingfors.
St. Michael	do.	5		Rural district.
Tavastehus	do.	1		Do.
Vasa	do.	4		Do.
Germany				Oct. 5-11, 1919: Cases, 32. In addition to previously reported cases, Sept. 28-Oct. 4, 1919: Cases, 26.
Greece:				
Saloniki	Nov. 10-22	9	8	
India:				
Bombay	Oct. 12-Nov. 29	18	8	
Calcutta	Oct. 26-Dec. 6	113	104	
Karachi	Nov. 23-29	6	1	
Madras	Nov. 2-Dec. 6	25	16	
Rangoon	Oct. 19-Nov. 22	29	13	
Italy:				
Genoa	Nov. 16-Dec. 7	24		Province.
Messina	Nov. 10-Dec. 7	34	8	
San Fratello	Dec. 1-7	19	5	Province of Messina.
Japan:				
Taiwan	Nov. 1-20	10	2	Entire island.

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

Reports Received from Dec. 27, 1919, to Jan. 30, 1920—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Java:				
East Java.....				Sept. 28–Nov. 18, 1919: Cases, 30.
Residency—				
Surabaya.....	Oct. 25–Nov. 18.....	18		
West Java.....				Oct. 17–31, 1919: Cases, 274;
Batavia.....	Oct. 17–31.....	27	8	deaths, 72.
Mexico:				
Acapulco.....	Nov. 9–15.....	2		
Chihuahua.....	Dec. 21–27.....	2		
Mexico City.....	Nov. 16–Dec. 6.....	8		
San Luis Potosi.....	Dec. 14–20.....		1	
Tehuantepec.....	Dec. 25–31.....	6		
Newfoundland:				
St. John's.....	Dec. 20–26.....	3		Dec. 13–26, at outports, 6 cases.
Do.....	Dec. 27–Jan. 9.....	3		Present at 8 other localities.
Do.....				Outports, 9 cases. Present at
Do.....				other localities.
Panama:				
Colon.....	Dec. 15–21.....	1		
Portugal:				
Lisbon.....	Nov. 30–Dec. 20.....		41	
Oporto.....	Dec. 7–20.....	5	5	
Spain:				
Barcelona.....	Nov. 6–Dec. 9.....		14	
Bilbao.....	Nov. 1–30.....		3	
Cadiz.....	Oct. 1–Nov. 30.....		6	
Valencia.....	Nov. 10–Dec. 27.....	39	9	
Vigo.....	Nov. 18–Dec. 27.....		14	
Tunis:				
Tunis.....	Dec. 23–29.....	1		
Turkey:				
Constantinople.....	Nov. 9–15.....	5		
Union of South Africa:				
Johannesburg.....	Oct. 1–31.....	10		
On vessel:				
S. S. Sarcouxie.....	Dec. 23.....	1		At Ponta Delgada, Azores. From
				Rotterdam for New York.

TYPHUS FEVER.

Algeria:				
Departments—				
Constantine.....	Nov. 11–30.....	2		
Oran.....	Nov. 21–Dec. 11.....	3		
Austria:				
Vienna.....	Sept. 7–14.....	5		Sept. 7–14, 1919: Cases, 7.
Bolivia:				
La Paz.....	June 29–Dec. 20.....	30	31	Dec. 29, 1918–June 28, 1919:
				Deaths, 52.
Canada:				
Ontario Province.....				Dec. 1–31, 1919: One case.
Chile:				
Antofagasta.....	Nov. 17–Dec. 14.....	14		
Santiago.....				Jan. 12–Sept. 30, 1919: Cases,
				5,153; deaths, 1,623. Outbreak
				in October, 1918.
Valparaiso.....	Nov. 9–30.....	775	68	Dec. 1–13, 1919: Cases, 700; deaths,
				18.
China:				
Antung.....	Nov. 3–9.....	1		
Egypt:				
Alexandria.....	Nov. 12–18.....	4	1	
Cairo.....	Oct. 1–Nov. 4.....	59	28	
Port Said.....	do.....	1		
Finland:				
Province—				
Viborg.....	July 16–31.....	2		
Germany.....				Oct. 5–25, 1919: Cases, 10—civil
				population, 3; military, 7.
Great Britain:				
Glasgow.....	Nov. 30–Dec. 6.....	2		
Greece:				
Cavalla.....	Nov. 17–23.....	1		
Drama.....	Nov. 24–30.....	1		
Saloniki.....	Oct. 6–Nov. 23.....		41	

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

Reports Received from Dec. 27, 1919, to Jan. 30, 1920—Continued.

TYPHUS FEVER—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Hungary.....				Aug. 25-Sept. 14, 1919: Cases, 6.
Italy:				
Trieste.....	Dec. 14-20.....	2		
Venice.....	Nov. 17-23.....	4	1	
Japan:				
Nagasaki.....	Dec. 1-21.....	3		
Mexico:				
Chihuahua.....	Dec. 21-27.....	2		
Mexico City.....	Nov. 16-22.....	46		
Saltillo.....	Nov. 1-30.....	2	1	
San Luis Potosi.....	Dec. 14-27.....			Present. Do.
Do.....	Jan. 4-10.....			
Paraguay:				
Asuncion.....	Nov. 30-Dec. 6....	1		
Peru:				
Cerro de Pasco.....	Dec. 7-13.....	1		
Portugal:				
Lisbon.....	Dec. 6-12.....		2	
Spain:				
Barcelona.....	Nov. 20-26.....	7		
Corunna.....	Nov. 24-Dec. 7.....	2		
Tunis:				
Tunis.....	Dec. 14-20.....	1		
Turkey:				
Constantinople.....	Nov. 14-Dec. 6....	10		

YELLOW FEVER.

Brazil:				
Bahia.....	Oct. 26-Nov. 8....	1	2	
Mexico:				
Campeche.....	Dec. 20.....	1		The cases were sent from Opi- chen, vicinity of Muna. One death in case from Muna. To- tal to Dec. 20: Cases, 46; deaths, 20.
Merida.....	Dec. 7-20.....	3	2	