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## EPIDEMIC INFLUENZA.

### PREVALENCE IN THE UNITED STATES.

In the following table an attempt has been made to present in as brief form as possible a statistical statement of the influenza epidemic in the United States up to and including the week ending November 2, 1918.

The table is based on telegraphic and mail reports to the Public Health Service. The mortality figures for cities have been checked wherever possible, with reports to the Bureau of the Census. It should be kept in mind that the statement is far from being complete for any locality or State, particularly with respect to cases of influenza. Influenza was not made a reportable disease until the epidemic was well under way in many localities. In perhaps the great majority of localities where the prevalence of the disease was severe, physicians were too busy to make accurate and prompt reports to local health authorities. Furthermore, it must be obvious that the complete and regular collection and forwarding of reports from a large proportion of counties and towns in practically every State was almost impossible under the extraordinary conditions that prevailed. For these reasons city or State totals for any given week are not exact or even more than approximately accurate. In some cases there are reasons to believe that they are far from accurate, and in nearly all instances, it is believed, the reported figures properly may be considered as considerably below the actual ones. Estimates have been employed in a few instances, but when estimates were necessary those reported by local or State health authorities have been used whenever possible.

With these limitations in mind, the following table should be used only as a rough index of the course of the epidemic in various sections of the country. It is presented as a preliminary compilation of such data as are now available, since the present data are being supplemented with information that, it is believed, will be more accurate and complete.

From the beginning of the epidemic to and including November 2 a grand total of approximately 115,000 deaths from influenza and pneumonia (all forms) had been reported to the Public Health Service.

Cases of Influenza and Deaths from Influenza and Pneumonia (All Forms) as Reported to the United States Public Health Service.

NEW ENGLAND STATES.

	Week ending—							
	Sept. 14.	Sept. 21.	Sept. 28.	Oct. 5.	Oct. 12.	Oct. 19.	Oct. 26.	Nov. 2.
<b>Maine:</b>								
Number of localities reporting.....			3	1	14	22	47	29
Cases.....			1,900	1,000	4,168	1,470	6,754	1,667
Deaths.....					27	41	187	88
<b>New Hampshire:</b>								
Number of localities reporting.....			1	6	8	11	3	1
Deaths.....				98	393	52	53	4
Nashua—Deaths.....				13	57	24	14	4
<b>Vermont:</b>								
Number of localities reporting.....				6		98	106	
Cases.....			2,645	4,722		6,949	3,457	
<b>Massachusetts:</b>								
Number of localities reporting.....			(4)	(4)	(4)			
Cases.....			50,000	45,400	40,000			
Boston—Deaths.....	46	265	775	1,214	1,027	589	226	137
Cambridge—Deaths.....	7	4	105	140	115	63	21	19
Fall River—Deaths.....		9	20	97	201	192	97	534
Lowell—Deaths.....	1	8	32	93	141	116	84	30
<b>Connecticut:</b>								
Cases.....			9,000	9,000	30,000	22,534	10,895	7,900
Deaths.....						2,625	1,229	1,600

MIDDLE ATLANTIC STATES.

<b>New York:</b>								
Number of localities (excluding New York City).....				61	61	61	61	55
Deaths.....				395	1,400	2,719	3,263	1,906
<b>New York City—</b>								
Cases.....		127	1,294	7,197	21,059	32,694	30,736	27,564
Deaths.....			161	739	2,082	4,217	5,158	4,402
<b>New Jersey:</b>								
Cases.....						77,215	30,317	11,537
Deaths.....						3,713	1,557	903
<b>Pennsylvania:</b>								
Entire State (excluding Philadelphia)—Deaths.....				573	1,765	5,026	5,210	6,270
Philadelphia—Deaths.....				1,625	3,060	4,218	2,341	1,203

EAST NORTH CENTRAL STATES.

<b>Ohio:</b>								
State—Cases.....						125,000		
Number of cities reporting cases.....					6	5	70	68
Cases.....					4,402	3,782	26,125	17,044
Number of cities reporting deaths.....					4	18	70	68
Deaths.....				21	311	700	1,541	1,613
<b>Indiana:</b>								
Entire State (excluding Indianapolis)—Cases.....						16,170	9,668	6,981
Indianapolis—								
Cases.....					1,510	1,891	1,577	605
Deaths.....	3	6	10	24	46	128	115	86
<b>Illinois:</b>								
State—Cases.....				5,185	27,767	37,355	43,825	38,402
Chicago—								
Cases.....				2,210	7,722	12,183	11,846	
Deaths.....			91	417	1,047	2,106	2,367	1,470
<b>Michigan:</b>								
State—								
Cases.....						11,083	21,541	11,316
Deaths.....						258	922	624

<sup>1</sup> Total for month of September, 1,544 cases.

<sup>2</sup> Total to date for month of September.

<sup>3</sup> Week ending Oct. 21.

<sup>4</sup> Estimate for State.

<sup>5</sup> Excluding deaths from pneumonia.

<sup>6</sup> Total to date.

<sup>7</sup> For 6 days.

<sup>8</sup> To date.

<sup>9</sup> Estimated.

<sup>10</sup> Five days.

<sup>11</sup> Four days.

<sup>12</sup> Oct. 26: Epidemic abating in northern section; at or just beyond crest in southern portion; severe in rural and mining sections. Crest apparently reached in Chicago.

<sup>13</sup> 38 localities, exclusive of Chicago.

<sup>14</sup> Total, Oct. 1-18, inclusive.

**Cases of Influenza and Deaths from Influenza and Pneumonia (All Forms) as  
Reported to the United States Public Health Service—Continued.**

**EAST NORTH CENTRAL STATES—Continued.**

	Week ending—							Nov. 2.
	Sept. 14.	Sept. 21.	Sept. 28.	Oct. 5.	Oct. 12.	Oct. 19.	Oct. 26.	
Wisconsin:								
Number of localities (excluding Milwaukee).....						13	12	10
Cases.....						3,379	4,873	2,655
Milwaukee—								
Cases.....						2,117	2,056	918
Deaths.....	4	5	13	15	69	113	175	125

**WEST NORTH CENTRAL STATES.**

Minnesota:									
Number of localities reporting.....					47	55	97	( <sup>2</sup> )	
Cases.....			* 108		1,390	6,757	23,533		1,100
Iowa:									
Entire State—									
Cases.....					1,062	17,040	21,117		5,025
Deaths.....					13	115	184		* 112
Des Moines—									
Cases.....					562	751	542		112
Deaths.....					7	13	8		9
Missouri:									
Number of localities reporting.....					6	16	30		25
Cases.....					117	3,619	9,654		6,426
Deaths.....					103	318	682		661
St. Louis—									
Cases.....		( <sup>5</sup> )			1,994	4,043	3,890		2,376
Deaths.....					86	181	233		257
St. Joseph—Deaths.....							85		111
Kansas (City)—Deaths.....	5		10	37	96	168	193		197
North Dakota:									
Number of localities reporting.....						15	19		9
Cases.....			* 10,728		( <sup>7</sup> )	* 2,777	1,848		1,066
Deaths.....							114		74
South Dakota:									
Entire State—									
Cases.....			77	288	1,496	6,432	6,906		5,747
Deaths.....						88	135		218
Nebraska:									
Number of localities reporting.....						66	118		( <sup>2</sup> ) -
Cases.....						* 17,000	20,835		13,104
Deaths.....							1,495		276
Omaha—Deaths.....	1		2	7	68	160	147		* 84
Kansas:									
Number of localities reporting.....						123	126		( <sup>2</sup> )
Cases.....			81	1,327	10,569	14,892	12,154		8,205
Topeka—									
Cases.....			4	25	330		409		165
Deaths.....				1	9		30		12

**SOUTH ATLANTIC STATES.**

Delaware <sup>12</sup> .....		( <sup>12</sup> )	( <sup>12</sup> )	( <sup>12</sup> )	( <sup>12</sup> )	( <sup>12</sup> )	( <sup>12</sup> )	( <sup>12</sup> )
Maryland:								
Cases.....			* 1,713	5,302	24,300		10,300	6,376
Baltimore—								
Cases.....				3,225	9,309	5,227	2,700	600
Deaths.....	7	5	19	117	563	1,357	1,073	397
District of Columbia:								
Cases.....				* 1,151	9,708	8,165	3,621	1,679
Deaths.....	10		38	181	547	606	372	154

<sup>1</sup> Five days.

<sup>2</sup> Estimate for entire State. For entire State 475 deaths were reported.

<sup>3</sup> Total to date. Epidemic reported to be ailing.

<sup>4</sup> For less than 100 localities.

<sup>5</sup> No outbreak reported on Sept. 19.

<sup>6</sup> Total for September.

<sup>7</sup> Cases reported Oct. 1 to 15 for State, 5,833.

<sup>8</sup> For 2 days only.

<sup>9</sup> Entire State.

<sup>10</sup> Estimated.

<sup>11</sup> Exclusive of deaths from pneumonia.

<sup>12</sup> About Oct. 1-15 epidemic apparently highest; since then improving.

<sup>13</sup> No reports.

<sup>14</sup> For 5 days.

**Cases of Influenza and deaths from Influenza and Pneumonia (All Forms) as Reported to the United States Public Health Service—Continued.**

**SOUTH ATLANTIC STATES—Continued.**

	Week ending—							Nov. 2.
	Sept. 14.	Sept. 21.	Sept. 28.	Oct. 5.	Oct. 12.	Oct. 19.	Oct. 26.	
<b>Virginia:</b>								
Number of localities reporting cases.....			5	7	6	7	1 69	14
Cases.....			651	8,684	9,872	10,065	37,327	8,682
Number of localities reporting deaths.....				1	3	4	69	14
Deaths.....				36	257	339	575	190
<b>Richmond—</b>								
Cases.....				1,643	2,634	4,717	1,415	.....
Deaths.....	4	3	4	41	131	197	128	71
<b>West Virginia<sup>2</sup> (excluding Charleston, Morgantown, and nitro plant):</b>								
Number of localities reporting.....						45	39	.....
Cases.....						9,641	3,058	7,170
Deaths.....						101	204	3 405
<b>Charleston—</b>								
Cases.....			7	94	892	718	345	.....
Deaths.....				2	29	32	74	.....
<b>Morgantown—</b>								
Cases.....				134	450	498	323	.....
Deaths.....					7	8	12	.....
<b>North Carolina:</b>								
Number of localities reporting.....				29	40	27	52	50
Cases.....				1,188	12,680	12,259	10,605	9,886
Deaths.....						361	462	631
<b>South Carolina:</b>								
Number of localities reporting.....			7	17	50	65	94	78
Cases.....			510	3,514	17,000	16,837	9,894	3,527
<b>Charleston—</b>								
Cases.....						2,393	811	4208
Deaths.....						69	105	411
<b>Columbia—Cases</b> .....			2	1,253	4,427	1,500	474	87
<b>Greenville—</b>								
Cases.....			25	225	1,615	631	613	166
Deaths.....							5	.....
<b>Spartanburg—Cases</b> .....			7	59	188	299	246	191
<b>Georgia:</b>								
<b>State</b>								
Cases.....						6,804	49,637	3 4,287
Deaths.....						68	378	3 138
<b>Augusta—Cases</b> .....		6	3	34	371	337	239	254
<b>Atlanta—</b>								
Cases.....				14	836	1,594	4 598	368
Deaths.....	7		4	7	30	81	101	.....
<b>Columbus—Cases</b> .....				1	450	828	4 590	369
<b>Florida:</b>								
Number of localities reporting.....					28	28	28	27
Deaths <sup>5</sup> .....					294	422	338	226
<b>Jacksonville—Deaths<sup>6</sup></b> .....					171	189	68	18

**EAST SOUTH CENTRAL STATES.**

<b>Kentucky:</b>								
Number of localities reporting.....			(9)		(7)	2	4	19
Cases.....						4,865	2,128	3,452
Number of localities reporting deaths.....							6	19
Deaths.....						513	316	290
<b>Tennessee:</b>								
<b>Knoxville—</b>								
Cases.....						5,599	1,469	592
Deaths.....						58	40	22
<b>Memphis—Deaths</b> .....						80	182	71
<b>Nashville—Deaths</b> .....	2		3	5	129	193	127	54

<sup>1</sup> Except Oct. 26.

<sup>2</sup> General condition in State improving. Coal-mining districts greatest problem.

<sup>3</sup> For 5 days.

<sup>4</sup> For 6 days.

<sup>5</sup> By date of death; subject to correction.

<sup>6</sup> Epidemic in Louisville abating; 1,000 in all.

<sup>7</sup> 312 cases on hand in Louisville.

<sup>8</sup> To date.

**Cases of Influenza and Deaths from Influenza and Pneumonia (All Forms) as Reported to the United States Public Health Service—Continued.**

**EAST SOUTH CENTRAL STATES—Continued.**

	Week ending—							
	Sept. 14.	Sept. 21.	Sept. 28.	Oct. 5.	Oct. 12.	Oct. 19.	Oct. 23.	Nov. 2.
Alabama:								
Number of localities reporting.....			9	35	(1)	(1)	(1)	(1)
Cases.....			260	5,340	12,898	19,891	17,633	*5,101
Birmingham—								
Cases.....					5,000	2,441	(3)	166
Deaths.....	2	2	5	17	61	110	135	85
Mississippi:								
Entire State—Cases.....						22,757	423,339	*14,450

**WEST SOUTH CENTRAL STATES.**

Arkansas:								
State (excluding Little Rock)—								
Cases.....						12,561	12,341	6,864
Deaths.....							286	188
Little Rock—Cases.....			33	1,088	3,557	2,844	506	195
Louisiana:								
State—Cases.....			61,900		15,494	47,062	50,859	35,204
New Orleans—								
Cases.....					7,641	17,070	13,810	4,225
Deaths.....			3	29	127	447	813	371
Oklahoma:								
Number of localities reporting.....				24			28	(7)
Cases.....				1,249		23,619	16,290	5,511
Deaths.....								311
Oklahoma City—								
Cases.....							383	
Deaths.....					61	79	52	
Texas:								
State—Cases.....						(10)	(11)	3,891
Deaths.....								237
El Paso—Deaths.....					25	168	184	
Galveston—								
Cases.....					337	340	269	
Deaths.....					10	21	33	

**MOUNTAIN STATES.**

Montana:								
Number of localities reporting.....							14	(7)
Cases.....					12,000	13,579	14,524	3,926
Idaho:								
Number of localities reporting.....					1	15	9	9
Cases.....					43	390	15,772	1,039
Deaths.....						5	12	31
Wyoming:								
State—								
Cases.....			16,506			17,500	18,154	
Deaths.....						65		810
Colorado:								
Number of localities reporting.....		1	1	2	5	10		(12)
Cases.....						635	13,552	4,894
Deaths.....				9	26	125	19,612	411
Denver County—Deaths.....					89	250	240	177

<sup>1</sup> For State.

<sup>2</sup> Epidemic reported to be "about spent."

<sup>3</sup> No report.

<sup>4</sup> For 6 days.

<sup>5</sup> Estimated number of cases based upon number of physicians reporting, approximately 39,000 for week ended Nov. 2.

<sup>6</sup> Estimated.

<sup>7</sup> For entire State.

<sup>8</sup> Epidemic stated to be probably at height.

<sup>9</sup> Improvement in some sections; spread in rural sections noted. Figures are for 4 days.

<sup>10</sup> 33,878 cases in 121 counties to date.

<sup>11</sup> 72,210 cases and 1,367 deaths to Oct. 24.

<sup>12</sup> Estimate for State.

<sup>13</sup> Reported for State.

<sup>14</sup> For 6 days.

<sup>15</sup> Incomplete.

<sup>16</sup> Total to date.

<sup>17</sup> Total on Oct. 16.

<sup>18</sup> Incomplete. On Oct. 23 epidemic reported as subsiding except in districts recently invaded.

<sup>19</sup> For entire State, 6 days. Reported that epidemic abating east of mountains, but at its height in and west of mountains, and serious in mining sections.

Cases of Influenza and Deaths from Influenza and Pneumonia (All Forms) as Reported to the United States Public Health Service—Continued.

MOUNTAIN STATES—Continued.

	Week ending—							Nov. 2.
	Sept. 14	Sept. 21	Sept. 28	Oct. 5	Oct. 12	Oct. 19	Oct. 26	
<b>New Mexico:</b>								
Number of localities reporting.....				6	13		20	20
Cases.....				152	601	6,775	13,522	4,363
Deaths.....				2	45	194	348	508
<b>Arizona:</b>								
Cases.....				260	1,016	3,530	2,320	1,491
Deaths.....					5	72	239	124
<b>Utah:</b>								
Number of localities reporting.....							2	2
Cases.....							84	92
Deaths.....							73	85
<b>Nevada:</b>								
Entire State—								
Cases.....							369	381
Deaths.....							24	25

PACIFIC STATES.

<b>Washington:</b>								
Entire State—								
Cases.....						5,580	7,339	10,028
Deaths.....							268	255
<b>Seattle—</b>								
Cases.....				3	2,652	2,169	2,215	2,181
Deaths.....					33	77	158	104
<b>Oregon:</b>								
Entire State—								
Cases.....				( <sup>3</sup> )		2,330	4,745	3,670
Deaths.....						32	122	222
<b>Portland—</b>								
Cases.....						879	1,119	1,354
Deaths.....						15	86	142
<b>California:</b>								
Entire State—Cases.....				57	505	4,501	28,315	42,934
<b>San Francisco—</b>								
Cases.....				10	26	496	4,168	7,168
Deaths.....	6	14	15	15	19	130	8,682	738

<sup>1</sup> Improvement in larger towns; epidemic spreading to rural sections.

<sup>2</sup> Five days for Ogden and Salt Lake City.

<sup>3</sup> No cases to report.

<sup>4</sup> Except for Oct. 25.

The following paragraphs summarize data received from November 2 up to and including November 6.<sup>1</sup>

**Alabama.**—It was stated on the 4th that the epidemic had about spent its force.

**Alaska.**—To November 6, 300 cases and 4 deaths have been reported at Ketchikan. The disease was previously stated to be spreading in the Nome territory.

**Arizona.**—It was stated on the 4th that conditions were about the same as a week before, except that a little improvement was noted in some places and a little extension of the epidemic in others.

<sup>1</sup> Unless otherwise stated, the word "cases" refers to cases reported as influenza and the word "deaths" to deaths registered as due to either influenza or pneumonia.

*California.*—Up to the 6th 115,000 cases had been reported.

*Colorado.*—Conditions were stated to be improved slowly.

*Indiana.*—On the 5th it was stated that conditions were serious in coal-mining sections. On the 2d it was stated that the general situation was much improved.

*Minnesota.*—On the 4th the epidemic was stated to be subsiding in the southern part of the State and increasing in the northeastern part.

*New Mexico.*—Many small towns are stated to have been hard hit. It was reported on the 5th that the most severe part of the epidemic appeared to have been passed.

*South Carolina.*—It was stated on the 5th that the general situation indicated that complete control was being approached.

*West Virginia.*—A decrease in rural sections and an increase in coal-mining towns and lumber districts was reported.

**Number of Deaths from Influenza and Pneumonia (All Forms) for Corresponding Weeks, After the Beginning of the 1918 Epidemic, Compared for Large Cities.<sup>1</sup>**

City.	Population.	Week preceding epidemic.	Week of epidemic.						
			First.	Second.	Third.	Fourth.	Fifth.	Sixth.	Seventh.
Philadelphia.....	1,735,514	76	706	2,637	4,597	3,021	1,233	.....	.....
Baltimore.....	594,637	19	117	563	1,537	1,973	397	.....	.....
New Orleans.....	37,010	29	144	624	682	333	.....	.....	
Washington.....	370,000	.....	38	181	547	605	372	154	.....
Nashville.....	118,136	5	129	193	127	54	.....	.....	
Boston.....	767,813	46	285	775	1,216	1,027	589	126	137
San Francisco.....	471,023	19	130	552	738	.....	.....	.....	
Fall River.....	129,828	9	20	97	201	192	97	34	.....
Richmond.....	158,702	4	41	131	177	158	71	.....	
Lowell.....	114,366	8	32	93	141	116	84	30	.....
Cambridge.....	114,293	4	105	149	115	63	21	19	.....
New Haven.....	152,275	2	15	36	77	152	183	111	.....
Memphis.....	151,877	.....	83	182	166	71	.....	.....	
Dayton.....	128,939	5	31	134	137	115	.....	.....	
Oakland.....	206,455	3	18	42	138	230	.....	.....	
Cleveland.....	692,259	49	168	453	682	.....	.....	.....	
Chicago.....	2,547,201	91	417	1,047	2,105	2,357	1,470	.....	
New York.....	5,737,432	191	733	2,121	4,237	5,201	4,402	.....	
Omaha.....	177,777	7	68	169	147	84	.....	.....	
Rochester.....	264,714	6	36	102	213	209	.....	.....	
Louisville.....	249,838	14	92	189	181	69	.....	.....	
Birmingham.....	189,716	5	17	61	110	133	85	.....	
Kansas City.....	305,816	10	37	96	168	193	197	.....	
Denver.....	278,439	19	59	139	147	98	.....	.....	
Columbus.....	220,135	10	28	73	117	94	.....	.....	
Atlanta.....	196,144	7	30	81	191	.....	.....	.....	
Indianapolis.....	283,622	10	24	46	128	115	13	.....	
Milwaukee.....	445,008	15	69	113	175	125	.....	.....	
St. Louis.....	778,630	.....	86	156	233	257	.....	.....	

<sup>1</sup> As reported to the U. S. Public Health Service and checked with figures published by the Bureau of the Census.

**Deaths per 100,000 of Population from Influenza and Pneumonia (All Forms) for Corresponding Weeks after the Beginning of the 1918 Epidemic, Compared for Large Cities.<sup>1</sup>**

City.	Population.	Week preceding epidemic.	Week of epidemic.						
			First.	Second.	Third.	Fourth.	Fifth.	Sixth.	Seventh.
Philadelphia.....	1,735,514	4.4	40.7	151.8	274.9	174.1	69.3		
Baltimore.....	594,637	3.2	19.7	94.6	258.7	180.5	66.8		
New Orleans.....	377,010	7.7	33.2	165.5	180.8	88.4			
Washington.....	370,000		10.3	48.0	147.9	163.8	100.5	41.6	
Nashville.....	118,136	4.2	109.2	163.4	107.6	45.7			
Boston.....	767,813	6.0	34.5	101.0	158.4	133.9	76.7	16.4	17.9
San Francisco.....	471,023	4.0	27.6	117.2	156.6				
Fall River.....	120,828	6.9	15.4	74.7	154.8	147.9	74.8	26.2	
Richmond.....	158,702	2.5	25.8	82.6	111.5	80.7	44.7		
Lowell.....	114,366	7.0	28.0	81.3	123.3	101.4	73.4	26.2	
Cambridge.....	114,223	3.5	91.9	122.5	100.6	55.1	18.4	16.6	
New Haven.....	152,275	1.3	9.9	22.4	50.6	99.8	120.2	92.6	
Memphis.....	151,877		52.6	119.8	109.4	46.7			
Dayton.....	128,939	3.9	24.1	108.9	406.3	89.2			
Oakland.....	206,405	1.5	8.7	20.7	66.8	101.3			
Cleveland.....	692,250	5.8	24.3	65.4	98.5				
Chicago.....	2,547,201	3.6	16.4	41.2	82.7	92.9	57.7		
New York.....	5,737,492	3.3	12.8	37.0	73.9	90.8	76.8		
Omaha.....	177,777	3.9	38.2	90.0	82.7	47.2			
Rochester.....	264,714	2.3	13.6	23.6	80.0	79.0			
Louisville.....	240,808	5.8	38.2	74.8	75.2	28.7			
Birmingham.....	189,716	2.6	9.0	32.2	58.0	70.1	44.8		
Kansas City.....	305,816	3.3	12.1	31.4	55.0	63.1	64.4		
Denver.....	268,429	7.1	22.0	51.6	54.8	36.5			
Columbus.....	220,135	4.5	12.7	33.2	53.1	42.7			
Atlanta.....	196,144	3.6	15.3	41.8	51.5				
Indianapolis.....	233,622	3.5	8.5	16.2	45.1	40.6	4.6		
Milwaukee.....	445,008	3.4	15.5	25.4	39.3	28.1			
St. Louis.....	768,630		11.2	20.3	39.3	33.5			

<sup>1</sup> As reported to the United States Public Health Service and checked with figures published by the Bureau of the Census.

**Cases of Influenza Reported in Extra-Cantonment Zones.**

State and zone.	Cases reported week ended—							
	Sept. 14.	Sept. 21.	Sept. 28.	Oct. 5.	Oct. 12.	Oct. 19.	Oct. 26.	Nov. 2.
Massachusetts: Devens.....				16	53	46	58	13
Connecticut: New London Sanitary District.....	12	170	617	835	688	582	235	114
New York: Upton.....						465	153	
New Jersey: Dix.....			(1)	(1)	45	48	124	
Ohio: Sherman.....				742	589	422	209	49
Iowa: Dodge.....			3	10	545	853	365	126
Kansas:								
Funston.....		2		23	223	354	212	
Leavenworth.....			4	5	102	145	205	143
Virginia:								
Humphreys.....			66	117	602		145	72
Lee.....				2,488	2,492	1,940	595	365
Portsmouth and Norfolk County health district.....		7	456	4,674	4,144	1,386	637	145
Tidewater health district.....		3	229	594	787	1,761	432	304
North Carolina: Greene.....				546	303	452	280	61
South Carolina:								
Jackson.....			2	1,253	4,427	1,500	474	67
Sevier.....			26	403	1,718	631		166
Wadsworth.....			7	69	231	477	338	234

<sup>1</sup> Increase.



## Cases of Influenza Reported in Extra-Cantonment Zones—Continued.

State and zone.	Cases reported week ended—							
	Sept. 14.	Sept. 21.	Sept. 28.	Oct. 5.	Oct. 12.	Oct. 19.	Oct. 26.	Nov. 2.
<b>Georgia:</b>								
Gas and Flame School.....				51	730	1,468	1,257	531
Gordon.....					844	1,598	707	372
Hancock.....		6	3	35	371	337	244	281
Floric acid plant.....				264	150	248	81	42
Wheeler.....				26	152	880	932	522
<b>Florida: Johnston.....</b>			3	198	2,944	1,780	541	283
<b>Kentucky and Indiana: Taylor.....</b>			3	380	3,620	3,772	2,082	1,146
<b>Georgia and Tennessee: Oglethorpe.....</b>			3	31	880	2,203	827	73
<b>Alabama:</b>								
McLellan.....				69	609	577	331	232
Sheridan.....			3	6	220	256	75	55
<b>Mississippi:</b>								
Gulfport health district.....				453	1,161	1,450	1,614	753
Shelby.....				50	252	300	289	107
<b>Arkansas:</b>								
Eberts.....		2	48	89	695	450	378	219
Pike.....			34	1,285	4,299	3,137	651	324
<b>Louisiana: Beauregard.....</b>			12	212	886	1,735	620	253
<b>Oklahoma: Doniphan.....</b>				6	13	117	160	12
<b>Texas:</b>								
Bowie.....			119	505	316	241	132	68
Logan.....			24		125	175	144	341
MacArthur.....		1		65	281	313	404	233
Travis.....		1	2	265	861	2,476	2,176	844
<b>Washington:</b>								
Bremerton.....					12	457		
Lewis.....			3		9	46	77	72
Vancouver.....						593		

## INFLUENZA IN EUROPE.

Because of the present great interest in the occurrence of influenza, and the inaccessibility of most foreign medical journals, it has been thought advisable to reproduce the following excerpts from the August number of Bulletin Mensuel Office International d'Hygiène Publique:

## Spanish Grippe in the Netherlands.

[Nederlandsch Tijdschrift voor Geneeskunde, July 13, 1918, pp. 108 and 111.]

The Netherlands seem so far (July, 1918) to have been spared by the epidemic, but some cases have been reported among British soldiers interned in a camp at Groningen; 38 cases were observed at Lossers; some at Ecluse (among troops), at Dalen, and at Rotterdam. The central board of health addressed a circular to physicians requesting them to report as promptly as possible any cases coming under their observation, as well as any epidemiological or other data concerning the epidemic.

In the same number of the Nederlandsch Tijdschrift voor Geneeskunde (p. 106) indications are given relative to the grippe in Berlin. Cases are stated to be very common but not grave. The clinical picture presented is the same as elsewhere: Sudden onset, high fever, lassitude, pain in the head, back, and limbs, often light bronchitis and laryngitis. The malady is not distinguishable from influenza,

although the specific bacillus has not been discovered, this being doubtless due to the slight degree of intensity in the bronchial symptoms.

#### Grippe in Switzerland.

[Bulletin du Service Suisse de l'Hygiène publique, July 13 and 20, 1918, pp. 312 and 317.]

The so-called Spanish grippe became prevalent in Switzerland toward the end of June, 1918, after having invaded a number of European countries, originating probably at the fronts of the several combating armies. There seems to be no doubt that we have to do with an epidemic of influenza the progress and clinical manifestations of which resemble those observed in the pandemic 1889-1894. To the present time the disease has continued to be benign, except in the case of certain fatal pulmonary complications, cases prolonged by relapses or various sequelæ, and cases supervening on pre-existing affections which they aggravate.

The infectious germs are found in the sputum of patients and their nasal and pharyngeal mucosa. They are propagated in general directly from individual to individual by means of droplets emitted in coughing, etc. Consequently, the proximity of patients should be avoided and handkerchiefs and other articles which have been soiled by patients should be disinfected.

It is evident that given the extreme prevalence of the disease its prophylaxis is very difficult. Precautions may be taken, however, and in this connection we may recall the recommendations presented by F. Schmid in his work on the epidemic of 1889-90. Careful hygiene of the mouth and the use of antiseptic gargles may be recommended to all. Persons predisposed to catarrhs of the air passages should refrain from participating in assemblages held in closed places; in general, the gatherings of people in crowds, as in theatrical representations, etc., should be prohibited.

#### Note on Grippe in Switzerland.

[By Jules Renault, Bull. Ann. de Médecine, Vol. LXXX, No. 31 (session of Aug. 6, 1918), p. 153.]

Dr. Jules Renault had occasion in the course of a mission in Switzerland, to study the epidemic of grippe now prevailing in that country and which has from the outset presented a peculiarly grave character due mainly to frequent pulmonary complications. The serious consequences of these complications and the mortality resulting from them gave rise to the belief among the public that we were in the presence of a peculiarly grave epidemic. In reality we have to consider it simply as a grippe epidemic.

Bacteriological examinations of the bronchial secretions in the uncomplicated forms has in some cases demonstrated the Pfeiffer bacillus, which is not found in pulmonary complications. In these

latter cases the pneumococcus, or the small chain diplococcus has been constantly present during life and after death. These latter agents have also been found in the blood cultures.

The various observations, anatomo-pathologic and bacteriologic, made during the present epidemic, recall in all respects those made at the time of the influenza epidemic of 1889-90 and coincide completely with those made recently in Italy, Spain, France, and wherever else the present pandemic designated as "Spanish" grippe and which seems to represent only a revival of virulence in the uninterrupted course of the old grippe of 1889-90, has been present.

In spite of its extreme diffusion, the affection is one which is relatively not very grave and for which quarantine and disinfection on the frontier would be unjustifiable and useless.

The risk of contagion may be diminished by individual care of the nasal passages and throat and especially by avoiding visiting patients and participating at large assemblies. The risk of pulmonary complications may be considerably diminished by sedulous care from the outset of the disease and for as long a time thereafter as may be necessary.

At the session of the Academy of Medicine of August 13, 1918, Dr. F. Bezancon, referring to the communication of Dr. J. Renault, stated that he had observed a number of cases of grippe in the French repatriated from Switzerland. These cases were in all respects comparable with the cases of epidemic influenza observed in 1889. They owed their gravity to the frequency and severity of broncho-pulmonary and pleural complications. As in former epidemics, the present grippe exhibits the pneumococcus as the predominant microbe.

The autochthonic epidemics observed during the month of May, 1918, among the military and in workshop employees have in general been markedly benign.

In certain foci the predominance of gastro-intestinal troubles, suddenness of attack, and the number of cases occurring within a few hours of each other, have suggested the possibility of a collective alimentary intoxication.

Among the rather special complications observed one of the most curious was the rather sudden appearance in a number of cases of herpes zoster as a sequel of the grippe. More than a dozen of such cases were observed in the course of a month.

#### The Nature of the Present Epidemic.

[Il Policlinico July 28, 1918, p. 718.]

Although it made its first recognized appearance in Spain, where from the outset it spread extensively and rapidly, the exact origin of the disease which has become pandemic in most of the countries in Europe is not known. The name "influenza" is convenient and has

been largely applied to the disease, but within the knowledge of the writer of this article the specific bacillus has almost never been discovered. Many authors have spoken of dengue, many also of pappataci fever, some of trench fever.

A very clear statement of the question has been made by Sampietro in the *Annali d'Igiene* of June 30, 1918. The symptoms, course, prevalence, pathogenic agent, and mode of transmission of the several diseases considered are summed up by him in a comparative table. What he says of influenza (variable onset, symptomatology diverse, but with preponderance of catarrhal phenomena especially of the respiratory passages, irregular course, pathogenic agents, mode of transmission) is evidently not in accord at all points with the present disease. To Sampietro the resemblance of the fever to that of pappataci appears striking. Moreover he points out that the insects of transmission may not have been recognized everywhere; they may easily escape observation and their habits are imperfectly known to us. The possibility of another mode of transmission should also be remembered, namely direct contact (naso-pharyngeal and tracheal secretion). This may have permitted the disease to spread to localities from which the sand flea is habitually absent.

#### Grippe in Spain.

[Communication a l'Espresso to the International Office of Public Hygiene by Dr. Manuel Martin de Salazar, Inspector General of Public Health for the Ministry of the Interior, at Madrid.]

During the last two weeks in May, 1918, and almost simultaneously with the presence of a large number of visitors to the city, there was observed at Madrid a considerable increase in the number of cases of sickness, exceeding to an extraordinary degree the figures furnished by the statistics of previous years.

On the information thus far at hand it may be stated that from the beginning of the outbreak the disease appeared to have the characteristics proper to all the epidemics recorded in history under the name of influenza, grippe, or trancazo (beating with sticks). The great infectivity of the disease, its short duration, and its relatively benign character, are marked features. It was at first surprising that the epidemic appeared to prevail only at Madrid without being transmitted to other communities. But the inspector general of public health was soon informed that the epidemic had spread rapidly to the provinces, presenting the same characteristics as at Madrid; the same power of dissemination, the same relative benignity, even the same short duration and identical proportions in hospitals, and that it followed in its progress and propagation the ordinary routes of travel and communication. The clinical course of the disease is about as follows: After one to three days of malaise, headache, in some cases epigastric burning and undefined chill, but in most cases

without these premonitory symptoms, fever appears, accompanied by dryness and turgidity of the skin, intense headache with tendency to vertigo and pains in the limbs, particularly the joints. The fever rises in the space of a half day, to 40° or even 41° Centigrade. To these febrile phenomena are added the usual symptoms of anorexia, a coated tongue, intense thirst, and marked epigastric sensitiveness. All these symptoms persist for three or four days, in general for three days, rarely for a longer period. Then, following abundant perspiration or nose bleed, and often of diarrhea, these symptoms show a marked decline and only the pain in the joints and a general feeling of weakness persist. From this moment the patient enters on the period of convalescence, although this may be interrupted by relapses of short duration.

The present epidemic of grippe has exhibited two principal forms, one of which may be termed rheumatoid and the other catarrhal. These varieties have exhibited as common characteristics sudden onset, with great elevation of temperature, intense headache, convulsive muscular and articular pains, a rapid cycle of evolution, and great weakness in convalescence, which persists quite a long time.

The rheumatoid form has generally been benign except for complications involving the kidneys and heart (these manifestations being, however, more frequent in the other form) while the catarrhal form has generally presented a much graver type of illness, sometimes developing with fatal results into pneumonia and broncho-pneumonia.

So far as laboratory research is concerned, microscopic examination of the sputum of patients has shown (in addition to a multiplicity of germs seemingly of varied origin) the constant presence of a short bacillus, isolated or in the form of diplo-bacilli or of strepto-bacilli in small chains. The almost constant presence of two abundant streptococci was also observed, one large and the other small. Finally, there has been found, with relative frequency and, so to speak, in a state of pure culture, the classic bacillus of Pfeiffer. If at first the existence of this bacillus has not been clearly apparent (perhaps on account of faults of technique and as a result of the frequent associations which conceal its presence), it has been finally verified in the greatest number of cases in a very definite manner.

Demographically the salient facts brought out by statistical data in regard to the epidemic are as follows: The sharp increase of morbidity began May 27, after three days of slight accentuation in the number of deaths, and attained the highest figure, 115 deaths, on May 31. This is double the normal average for this period of the year. During the first eight days of June the deaths varied between 95 and 100, with a tendency to diminish, which became more accentuated during the second week in June.

Another fact brought out very clearly by the demographic studies is that the sharp increase of mortality was produced in the respiratory affections and chronic cardiopathies, especially the former, and in these the tuberculous affections have paid the highest toll to the epidemic.

Another observation is deduced from the tables according to age. Mortality was proportionately less high among children and old men and greatest among adults from 20 to 39 years of age, to which class its attacks were almost exclusively directed.

### *Conclusions.*

1. Without any doubt, the epidemic, judged by the clinical picture and by laboratory researches, has been frankly of grippal origin.

2. Its powers of expansion and dissemination have been much remarked and very considerable; also its short duration and relative benignity. From this point of view it has presented a contrast to the epidemic of the year 1889<sup>1</sup> which was invested with a much graver character, the differences being due to the different period of the year in which the epidemics occurred.

3. The great power of diffusion of the epidemic has been observed to be most marked in places in which a great number of persons have assembled daily, notably in barracks, theaters, central postal and telegraph offices, workshops, and industrial localities, where a large number of persons congregate during fixed hours.

4. The greatest number of cases were among adults from 20 to 30 years of age; on the other hand, in children under 5 years and in old men the disease has been very rare.

5. Those most heavily struck by the disease have been the cardiacs and the tuberculous; the latter have paid the heaviest tribute to the disease.

### **A SECOND EPIDEMIC IN SPAIN?**

Through the Consular Service, the United States Public Health Service is kept informed concerning the prevalence of the more important communicable diseases throughout the world. In connection with the account already given concerning epidemic influenza in Spain in May and June, the following excerpt from a report forwarded through official channels by the American consul at Valencia, Spain, is of the highest interest. Attention is particularly called to the date of the report, namely, September 21, 1918.

"I have the honor to inform you that in this Province, as in all the rest of Spain, an epidemic has developed which in some towns has assumed an alarming character, more than 1,000 cases appearing in one town of 3,000 inhabitants. I proceed to relate the data which

<sup>1</sup> On the pandemic of grippe of 1889-90, see a note appearing in Vol. XXII (1892) of the *Recueil des Travaux du Comité Consultatif d'hygiène publique de France*, p. 75.

I have been able to obtain relative to said disease, which it has not yet been possible to diagnose exactly, but which appears to be highly contagious.

"It also appears that in the municipal laboratory a microbe has been isolated by Dr. Colvèo which is always found in the sputum and sometimes in the blood of those attacked by the disease in question. Dr. Colvèo refuses to give any details of this pathogenic agent, stating that he is still engaged in his study of the disease, and is making microphotographic studies and experiments on animals in said laboratory. It is also stated that the sputum is the principal infecting material, and that all the measures possible for the sterilization of sputum will be beneficial in limiting the spread of the disease.

"It is declared that the disease is one whose pathogenic agent has not yet been certainly discovered in Spain, nor in many other countries in which attempts have been made to investigate it."

#### BACTERIOLOGY OF EPIDEMIC INFLUENZA IN GERMANY.

Following is a summary of several articles and discussions appearing in some of the German medical periodicals this summer. (*Deutsche med. Wchnschr.*, 1918. Vol. 44, pp. 775, 808, and 863. Editorial notes, *München, med. Wchnschr.*, 1918. Vol. 65, p. 804.)

The pandemic of influenza has not spared any single part of Germany. The clinical course does not seem to differ from that run by the disease in this country. Relapses and fatal pneumonias are particularly noted. The clinical picture is declared to be identical with that of the last pandemic of 1889. At a special meeting of the Munich Medical Society on July 9 it was brought out that it is mainly persons under 30 years of age who fall victims to the disease; this was explained by a survival immunity in the elder generation. Bacteriological studies showed that Pfeiffer's bacillus was found only exceptionally; streptococci, and occasionally pneumococci, were recovered from the sputum, organs, and blood of patients. Similar findings were recorded in 1889, so that the present findings are in keeping with precedent. Attention is called to the fact that Pfeiffer's bacillus was not found until 1892, although it should have been impossible to overlook it in 1889; hence it may well be that we shall find that Pfeiffer's bacillus is not related to the present epidemic. Various observers report finding of influenza bacilli in current cases but not uniformly. Gruber of Munich says "Influenza bacilli not found yet—investigations proceeding." Friedmann of Berlin finds that the symptomatology and complications correspond exactly with those of 1889-90. He has not found the Pfeiffer's bacillus; streptococci and pneumococci being the most

common agents of the complicating pneumonias. Uhlenhuth so far reports the same contradictory results from Strassburg.

The university clinic of Budapest telegraphed August 1 that the bacteriological investigations of some 200 cases had demonstrated Pfeiffer's bacillus as the cause of the outbreak.

Under the date of July 18 Kolle reported from Frankfurt his failure to detect Pfeiffer's bacilli in any of the few cases which he had thoroughly examined. In practically all cases, however, there were found large numbers of Gram positive coccus—often in a pure culture or in symbioses with pneumococci. The diplococcus tended to develop involution forms and to grow in very long chains in the condensation water. He regards them as agents of a secondary infection and believes that the "Spanish disease" may not be identical with the pandemic influenza of 1889 to 1893.

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### BIRTH STATISTICS, UNITED STATES BIRTH REGISTRATION AREA, 1916.

According to an advance summary of a report, "Birth Statistics in the Registration Area of the United States, 1916," issued by Director Sam L. Rogers of the Bureau of the Census and compiled by Dr. William H. Davis, chief statistician for vital statistics, 818,983 infants were born alive in 1916 in the United States registration area for births. This area, which comprises the six New England States, New York, Pennsylvania, Maryland, Michigan, Minnesota, and the District of Columbia, had an estimated population of 33,000,000, or about 32 per cent of the total population of the United States, so that the 818,983 births represented a rate of 24.8 per 1,000 of population. The total number of deaths in the same area was 486,682, or 14.7 per 1,000. The births thus exceeded the deaths by more than 68 per cent. For every State in the registration area, for practically all the cities, and for nearly all the counties, the births exceeded the deaths, usually by substantial proportions. The mortality rate for infants under one year of age averaged 101 per 1,000 living births.

#### Comparison with 1915.

The birth rate for the entire registration area fell below that for 1915 by one-tenth of 1 per 1,000 population, while the death rate exceeded that for 1915 by seven-tenths of 1 per 1,000. The excess of the birth rate over the death rate for 1916, 10.1 per 1,000, was thus a little less than the corresponding excess for 1915, which was 10.9 per 1,000. If the birth and death rates prevailing in the later year were to remain unchanged, and if no migration were to take place to or from the area to which they relate, its population would



increase annually by about 1 per cent. This rate, compounded for a decade, would yield a decennial increase of a little more than 10 per cent, or about half the rate of increase in the population of the country as a whole between the last two censuses, 21 per cent.

#### White and Colored.

Of the total number of births reported 799,817, or 24.9 per 1,000, were of white infants, and 19,166, or 22.8 per 1,000, were of colored infants. The death rates for the two elements of the population were 14.5 and 24.4 per 1,000, respectively. The deaths reported for the colored races (comprising all nonwhites) thus exceeded the births reported; but it is probable that the registration of births is less nearly complete among the colored than among the white population, and that therefore the rate shown for the former class is too low, whereas in the case of the death rates there is probably not so great a margin of error.

#### Native and Foreign Mothers.

Some indication of the fecundity of the native and foreign elements of the population may be obtained from a comparison between the proportion which the number of white foreign-born mothers formed of the total number of white mothers to whom children were born in 1916, and the proportion which the white foreign-born married women, aged 15 to 44, formed of the total number of white married women of corresponding ages in 1910.

From the table following it appears that many more births occur to white foreign-born women, proportionately to their number, than to native women. In Connecticut approximately 46 per cent of white married women aged 15 to 44 in 1910 were of foreign birth, but about 62 per cent of the white mothers to whom children were born in 1916 were natives of foreign countries.

State.	1916. Per cent which for- eign-born mothers formed of total white mothers.	1910. Per cent which for- eign-born married females, 15 to 44, formed of total white married females, 15 to 44.
Connecticut.....	61.63	46.36
Maine.....	27.23	21.89
Maryland.....	14.82	13.11
Massachusetts.....	56.32	48.87
Michigan.....	32.80	26.45
Minnesota.....	26.80	33.99
New Hampshire.....	41.69	32.69
New York.....	52.4	42.71
Pennsylvania.....	37.65	27.77
Rhode Island.....	57.37	49.91
Vermont.....	24.04	18.11

**Infant Mortality.**

The infant-mortality rate—that is, the number of deaths of infants under 1 year of age per 1,000 born alive—throughout the registration area as a whole was 101 in 1916, as against 100 in 1915. This is equivalent to saying that of every 10 infants born alive 1 died before reaching the age of 1 year. Among the 11 States these rates ranged from 70 for Minnesota to 121 for Maryland, and for the white population separately the lowest and highest rates were 69 for Minnesota and 115 for New Hampshire. The high rate for the total population of Maryland was due to the presence of a larger colored element in that State than in any of the others, the rate for the whites alone being only 101.

The infant-mortality rates vary greatly for the two sexes and for the various nationalities.

With an infant-mortality rate of 101 for the registration area as a whole, the rate ranges for white children from 68 where mothers were born in Denmark, Norway, and Sweden, to 148 where mothers were born in Poland, while Negro children have a rate of 184. The range of rates among white males is from 74 for children of mothers born in Denmark, Norway, and Sweden, to 171 for those of mothers born in Poland, while Negro males have a rate of 202. The corresponding rates for females were 62, 124, and 166, respectively.

**States and Cities.**

The following table shows, for the birth-registration area, by States and by cities having more than 100,000 inhabitants in 1910, the number of births in 1916, the per cent of excess of births over deaths, and the infant-mortality rate. Figures for the white and colored elements of the population are shown separately for those areas in which colored persons constitute more than one-tenth of the total population.

## Excess of births over deaths, and infant mortality: 1916.

Area.	Number of births.	Excess of births over deaths (per cent).	Deaths of infants under 1 year of age per 1,000 living births.
Registration area.....	818,983	68.7	101
<i>Registration States.</i>			
Connecticut.....	35,351	74.2	101
Maine.....	16,033	32.5	108
Maryland, total.....	33,631	49.7	121
White.....	27,305	63.9	101
Colored.....	6,326	6.0	209
Massachusetts.....	83,497	65.1	100
Michigan.....	86,840	88.1	96
Minnesota.....	65,459	127.1	70
New Hampshire.....	9,664	35.4	115
New York.....	241,456	58.8	94
Pennsylvania.....	217,449	74.7	114
Rhode Island.....	14,634	53.5	111
Vermont.....	7,768	37.2	93
<i>Registration cities having more than 100,000 inhabitants in 1910.</i>			
Connecticut:			
Bridgeport.....	4,598	94.8	106
New Haven.....	5,106	100.6	88
Maryland:			
Baltimore, total.....	14,542	36.5	122
White.....	12,278	54.1	104
Colored.....	2,264	1-16.6	219
Massachusetts:			
Boston.....	19,577	53.3	105
Cambridge.....	2,601	76.3	91
Fall River.....	3,689	68.8	173
Lowell.....	3,287	67.6	146
Worcester.....	4,941	70.2	101
Michigan:			
Detroit.....	24,289	121.6	112
Grand Rapids.....	3,131	100.0	75
Minnesota:			
Minneapolis.....	8,793	95.2	82
St. Paul.....	5,242	87.6	68
New York:			
Albany.....	2,280	11.4	97
Buffalo.....	13,088	73.3	114
New York.....	137,923	77.0	93
Rochester.....	6,816	82.6	86
Syracuse.....	3,853	63.2	100
Pennsylvania:			
Philadelphia.....	40,360	45.7	105
Pittsburgh.....	16,406	62.6	115
Scranton.....	3,623	71.5	131
Rhode Island, Providence.....	5,981	48.7	110
District of Columbia:			
Washington, total.....	7,201	11.2	106
White.....	4,979	25.3	83
Colored.....	2,222	1-12.2	158

<sup>1</sup> Per cent by which births fell below deaths.

## SURE CURES FOR INFLUENZA.

The present epidemic has given rise to the publication of numerous "sure cures" and methods more or less plausible to the lay mind. The advocates of some of these have addressed long communications to Secretary McAdoo, to Surg. Gen. Blue, to the War Department, or other Government agencies. Hundreds of them have written to editors of newspapers. In general the suggestions fall into several groups.

First comes the individual who has a specific remedy, the formula of which he is ready to give to the world for a price. One such writer reminds the Surgeon General of the million dollars that Congress has appropriated for combating influenza, and offers to sell his secret for "a reasonable sum."

Next comes the person with the pseudoscientific treatment, sometimes "isotonic sea water," sometimes "ozono therapy," and again "harmonic vibrations." One such writer, well known to the New York health authorities, addressed the Surgeon General from his present residence, the State Hospital for the Insane.

Still another type is the individual who gives freely of his advice so that humanity may be spared from the pestilence. Such a one writes: "Sprinklo a little sulphur in each shoe every morning; this was given to the people of Atlanta by a doctor of forty-odd years of practice. He also used it when waiting on yellow fever years ago." Another advises people to add "10 cents worth of asafetida to half a pint of brandy, and give a teaspoonful every two or three hours. I gave my baby one-fourth teaspoonful with good results."

One writer, who says he lives "at the jumping off place in western California," has perfected a patent medicine which will "knock out germs and remove the real cause of sickness. I got it by combining wonderful essential oils that will penetrate the hardest wood that grows the compound while it is not a poison it will penetrate any and all kinds of germs or insects and dry or burn it up in a minute." This wonderful remedy [name deleted by censor] sells for \$1 per bottle.

One writer frankly advises the use of a patent medicine formerly widely advertised as a cure for consumption, but now compelled by the Government to be labeled simply a remedy for coughs and colds.

A physician writing from Missouri offers "to furnish the remedy for the nominal price of \$4.50 for each patient, or will take a surgeon major's commission and pay," and give his services to the Army medical department. He has tested his remedy "on the most Desperate caises."

A patriot advises the use of a patent medicine made in Detroit. Used in a case recently, it was observed "that within 30 minutes after applying the medicine the patient was relieved of all pain in the lungs and immediately was well and about."

From Portsmouth, Va., comes a letter which calls attention to the real cause of the epidemic--namely, "Desecration of God's Sabbath which he said Keep Holy." Then follow a number of quotations from the Bible to support the writer's contention that the epidemic was sent by the Almighty to punish the world for its sinfulness.

Comes also the mental scientist who regards the epidemic as engendered by fear. "This sort of infectious suggestion is a crime against the public, is treason to our Government, and the traitors responsible for it shall not be allowed to go unpunished."

Recalling the statement that the epidemic had probably originated in the Orient, one writer advises an examination of all pepper and tobacco throughout the country. She neglects to say what to look for in such examinations.

The food faddist is not missing from those who have sure cures. One advises the elimination of white bread, rice, coffee, and tea, and the use of spring water and molasses in place of sugar.

The prescription for alcohol and chloroform to be inhaled from cotton comes from several sources, with slight variations. This is true also of the receipt for hot lemonade without sugar.

The wearing of amulets is also advocated. One writer prefers asafetida tied in a piece of gauze and worn by a string around the neck. Another recommends camphor used in the same way; still another uses a secret compound which he desires to patent. For a receipt consisting of water, salt, and coal oil, and called "a sure cure for influenza," a woman, writing from Missouri, states that she will be thankful for the reward which she understands has been offered by Government.

The list might be continued, but the suggestions are largely variations and repetitions of what has already been cited.

The United States Public Health Service urges the public to remember that there is as yet no specific cure for influenza, and that many of the alleged "cures" and remedies now being recommended by neighbors, nostrum vendors, and others do more harm than good. The chief reliance must be on fresh air, nutritious food, plenty of water, cheerful surroundings, and good nursing. If any specific like a vaccine or serum is found to have value the Public Health Service will give the matter wide publicity.

# PREVALENCE OF DISEASE.

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

## UNITED STATES.

### EXTRA-CANTONMENT ZONES—CASES REPORTED WEEK ENDED NOV. 2.

CAMP BEAUREGARD ZONE, LA.		CAMP DODGE ZONE, IOWA—continued.	
	Cases.		Cases.
Cerebrospinal meningitis:		Pneumonia:	
Rural district.....	1	Grimes.....	1
Gonorrhoea:		Sheldahl.....	2
Alexandria.....	3	Scarlet fever:	
Influenza:		Des Moines.....	8
Alexandria.....	188	Smallpox:	
Ball.....	4	Des Moines.....	4
Pinoville.....	35		
Rural district.....	26		
Mumps:			
Alexandria.....	1		
Pneumonia:			
Alexandria.....	2		
CAMP BOWIE ZONE, TEX.		CAMP DONIPHAN ZONE, OKLA.	
Fort Worth:		Comanche County:	
Chancroid.....	1	Influenza.....	7
Chicken pox.....	7	Lawton:	
Diphtheria.....	1	Gonorrhoea.....	2
Gonorrhoea.....	25	Influenza.....	5
Influenza.....	68	Pneumonia.....	1
Mumps.....	2		
Pneumonia.....	119		
Scarlet fever.....	1		
Syphilis.....	16		
Tuberculosis.....	2		
CHARLESTON SANITARY DISTRICT, S. C.		CAMP EBERTS ZONE, ARK.	
Charleston:		Diphtheria:	
Gonorrhoea.....	2	Cabot.....	2
Influenza.....	206	Erysipelas:	
Syphilis.....	2	Lonoke.....	1
Typhoid fever.....	3	Gonorrhoea:	
		England.....	1
		Lonoke.....	1
		Influenza:	
		Allport.....	39
		Austin.....	1
		Austin, route 1.....	2
		Austin, route 2.....	13
		Cabot.....	4
		Cabot, route 1.....	5
		Carlisle.....	6
		England.....	43
		Keo.....	1
		Lonoke.....	13
		Lonoke, R. F. D.....	26
		Lonoke, route 1.....	1
		Lonoke, route 4.....	2
		Scott.....	9
		Scott, route 1.....	20
		Scott, route 2.....	2
		Toltec.....	7
		Ward.....	12
		Wattensaw, R. F. D.....	13
		Malaria:	
		England.....	10
		Mumps:	
		Cabot.....	1
CAMP DEVENS ZONE, MASS.			
Influenza:			
Lancaster.....	6		
Shirley.....	3		
Townsend.....	4		
Whooping cough:			
Lancaster.....	6		
CAMP DODGE ZONE, IOWA.			
Diphtheria:			
Des Moines.....	6		
Influenza:			
Dallas Center.....	3		
Des Moines.....	112		
Granger.....	5		
Grimes.....	4		
Polk City.....	2		

CAMP EBERTS ZONE, ARK.—continued.

Pneumonia:	Cases.
Cabot.....	1
England.....	17
Lonoke, route 1.....	1
Toittec.....	2
Ward.....	1
<b>Tonsillitis:</b>	
Cabot.....	1
<b>Tuberculosis:</b>	
Carlisle.....	1
<b>Typhoid fever:</b>	
Keo.....	1
Lonoke, route 4.....	1
<b>Whooping cough:</b>	
Scott.....	2
Scott, route 1.....	1

GAS AND FLAME SCHOOL ZONE, GA.

<b>Bronchitis:</b>	
Columbus.....	1
<b>Diphtheria:</b>	
Columbus.....	1
<b>Gonorrhoea:</b>	
Columbus.....	5
Girard.....	1
<b>Influenza:</b>	
Bibb City.....	12
Columbus.....	389
Girard.....	52
Muscogee County.....	78
<b>Malaria:</b>	
Muscogee County.....	1
<b>Pellagra:</b>	
Columbus.....	1
Muscogee County.....	2
<b>Pneumonia:</b>	
Columbus.....	32
Girard.....	5
Muscogee County.....	8
<b>Scarlet fever:</b>	
Columbus.....	2
Muscogee County.....	2
<b>Syphilis:</b>	
Columbus.....	4
<b>Tuberculosis:</b>	
Columbus.....	2
Muscogee County.....	2
<b>Typhoid fever:</b>	
Muscogee County.....	2

GERSTNER FIELD ZONE, LA.

Influenza.....	360
Pneumonia.....	19

CAMP GORDON ZONE, GA.

<b>Atlanta:</b>	
Chicken pox.....	1
Diphtheria.....	2
Gonorrhoea.....	20
Influenza.....	368
Malaria.....	1
Pneumonia.....	1
Scarlatina.....	3
Smallpox.....	1
Syphilis.....	17
Tuberculosis.....	2
Typhoid fever.....	3

CAMP GORDON ZONE, GA.—continued.

Hapeville:	Cases.
Tuberculosis.....	1
<b>Tucker:</b>	
Influenza.....	4

CAMP GREENE ZONE, N. C.

<b>Charlotte Township:</b>	
Chancroid.....	2
Diphtheria.....	2
Gonorrhoea.....	8
Influenza.....	61
Scarlet fever.....	1
Syphilis.....	5
Tuberculosis.....	1
Whooping cough.....	2

GULFPORT HEALTH DISTRICT, MISS.

Diphtheria.....	4
Hookworm.....	1
Influenza.....	753
Malaria.....	16
Mumps.....	1
Pneumonia.....	61
Syphilis.....	1
Tuberculosis.....	1

CAMP HANCOCK ZONE, GA.

<b>Augusta:</b>	
Cerebrospinal meningitis.....	1
Chicken pox.....	1
Diphtheria.....	2
Influenza.....	254
Pneumonia.....	15
Scarlet fever.....	1
Whooping cough.....	1
<b>Richmond County:</b>	
Influenza.....	27

CAMP HUMPHREYS ZONE, VA.

<b>Alexandria:</b>	
Influenza.....	72
Pneumonia.....	3

CAMP JACKSON ZONE, S. C.

<b>Columbia:</b>	
Diphtheria.....	1
Influenza.....	87
Mumps.....	2
Whooping cough.....	4

CAMP JOSEPH E. JOHNSTON ZONE, FLA.

<b>Chancroid:</b>	
Jacksonville.....	1
<b>Diphtheria:</b>	
Jacksonville.....	1
<b>Gonorrhoea:</b>	
Jacksonville.....	6
<b>Influenza:</b>	
Eastport.....	4
Grand Crossing.....	9
Jacksonville.....	29
Lackawanna.....	11
Moncrief.....	23
Orange Park.....	36
Ortega.....	50
Panama.....	37
Talleyrand.....	26
Woodstock.....	8

CAMP JOSEPH E. JOHNSTON ZONE, FLA.—contd.

<b>Pneumonia:</b>	<b>Cases.</b>
Jacksonville.....	1
<b>Syphilis:</b>	
Jacksonville.....	1

FORT LEAVENWORTH ZONE, KANS.

<b>Diphtheria:</b>	
Leavenworth.....	2
<b>Diphtheria carriers:</b>	
Leavenworth County.....	5
<b>Influenza:</b>	
Leavenworth.....	49
Leavenworth County.....	20
Orphanage.....	65
<b>Pneumonia, bronchial:</b>	
Leavenworth.....	2
Leavenworth County.....	1
<b>Pneumonia, lobar:</b>	
Leavenworth County.....	1
<b>Scarlet fever:</b>	
Leavenworth.....	1
<b>Smallpox:</b>	
Leavenworth.....	1
<b>Tuberculosis:</b>	
Leavenworth.....	1

CAMP LEE ZONE, VA.

<b>Petersburg:</b>	
Gonorrhoea.....	4
Influenza.....	305
Pneumonia.....	35
Syphilis.....	4

CAMP LEWIS ZONE, WASH.

<b>Chicken pox:</b>	
Parkland.....	4
<b>Erysipelas:</b>	
Parkland.....	1
<b>Influenza:</b>	
Collins Addition.....	20
Custer.....	1
Du Pont.....	23
Ingleside.....	2
Lake City.....	3
Lake View.....	3
Murray.....	1
Parkland.....	16
Spanaway.....	3

CAMP LOGAN ZONE, TEX.

<b>Houston:</b>	
Cerebrospinal meningitis.....	1
Chancroid.....	2
Diphtheria.....	2
Gonorrhoea.....	7
Influenza.....	341
Pneumonia.....	72
Syphilis.....	2
<b>U. S. Government clinic:</b>	
Chancroid.....	2
Gonorrhoea.....	3
Syphilis.....	10

CAMP MACARTHUR ZONE, TEX.

<b>Waco:</b>	<b>Cases.</b>
Gonorrhoea.....	3
Influenza.....	233
Measles.....	1
Pneumonia.....	33
Scarlet fever.....	1
Tuberculosis.....	1

CAMP M'CLELLAN ZONE, ALA.

<b>Gonorrhoea:</b>	
Anniston.....	6
<b>Influenza:</b>	
Anniston.....	73
Blue Mountain.....	10
Jacksonville.....	27
Oxford.....	1
Precinct 3.....	3
Precinct 15.....	46
<b>Mumps:</b>	
Anniston.....	1
<b>Pneumonia:</b>	
Anniston.....	14
Blue Mountain.....	1
Precinct 3.....	1
Precinct 15.....	7
<b>Tuberculosis:</b>	
Anniston.....	1

NEW LONDON SANITARY DISTRICT, CONN.

<b>Diphtheria:</b>	
Norwich.....	4
<b>Influenza:</b>	
Groton (borough).....	37
Groton (town).....	11
Mystic.....	4
New London.....	42
Norwich.....	10
Old Lyme.....	1
Pawcatuck.....	2
Stonington.....	7
<b>Pneumonia:</b>	
New London.....	3
Norwich.....	4
Old Lyme.....	1
<b>Scarlet fever:</b>	
Groton (borough).....	2
Groton (town).....	1
Mystic.....	3
Norwich.....	1
<b>Smallpox:</b>	
Preston.....	2
<b>Tuberculosis:</b>	
Preston.....	4
<b>FORT OGLETHORPE ZONE, GA. AND TENN.</b>	
<b>Diphtheria:</b>	
Chattanooga.....	2
<b>Gonorrhoea:</b>	
Chattanooga.....	13
Chickamauga Park, Ga.....	6
East Chattanooga.....	1



FORT OGLETHORPE ZONE, GA. AND TENN.—contd.

Influenza:	Cases.
Altonpark.....	1
Chattanooga.....	40
Chickamauga Park, Ga.....	1
Eastlake.....	1
North Chattanooga.....	8
Ridgedale.....	17
Rossville, Ga.....	3
St. Elmo.....	2
<b>Pneumonia:</b>	
Chattanooga.....	1
<b>Scarlet fever:</b>	
North Chattanooga.....	1
St. Elmo.....	1
<b>Syphilis:</b>	
St. Elmo.....	1

PICNIC ACID PLANT ZONE, GA.

<b>Brunswick:</b>	
Influenza.....	42
Pneumonia.....	1
Tuberculosis.....	2

CAMP PIKE ZONE, ARK.

<b>Bubo:</b>	
Little Rock.....	1
<b>Cerebrospinal meningitis:</b>	
North Little Rock.....	1
<b>Chancroid:</b>	
North Little Rock.....	1
<b>Chicken pox:</b>	
Little Rock.....	1
<b>Gonorrhoea:</b>	
Little Rock.....	7
North Little Rock.....	1
<b>Influenza:</b>	
Cabot.....	4
Cato.....	23
Hensley.....	19
Jacksonville.....	3
Keo.....	1
Levy.....	2
Little Rock.....	125
North Little Rock.....	43
Scott.....	17
Sweet Home.....	17
<b>Malaria:</b>	
Little Rock.....	2
North Little Rock.....	1
<b>Measles:</b>	
Little Rock.....	3
North Little Rock.....	1
<b>Mumps:</b>	
Little Rock.....	1
North Little Rock.....	3
<b>Pneumonia:</b>	
Little Rock.....	29
North Little Rock.....	10
Scott.....	5
<b>Scarlet fever:</b>	
Little Rock.....	2
North Little Rock.....	1
<b>Syphilis:</b>	
Little Rock.....	5
North Little Rock.....	1

CAMP PIKE ZONE, ARK.—continued.

Tonsillitis:	Cases.
Little Rock.....	1
<b>Typhoid fever:</b>	
Little Rock.....	2
<b>Vincent's angina:</b>	
Little Rock.....	1

PORTSMOUTH AND NORFOLK COUNTY HEALTH DISTRICT, VA.

<b>Cerebrospinal meningitis:</b>	
South Norfolk.....	1
<b>Diphtheria:</b>	
Portsmouth.....	1
<b>Gonorrhoea:</b>	
Norfolk.....	11
<b>Influenza:</b>	
Norfolk.....	40
Norfolk County.....	39
Portsmouth.....	75
<b>Syphilis:</b>	
Norfolk.....	8
Norfolk County.....	1

PORTSMOUTH-KITTERY SANITARY DISTRICT, N. H. AND ME.

<b>Gonorrhoea:</b>	
Portsmouth.....	3
York.....	1
<b>Influenza:</b>	
Kittery.....	3
Portsmouth.....	15

CAMP SEVIER ZONE, S. C.

<b>Cerebrospinal meningitis:</b>	
Butler Township.....	1
<b>Diphtheria:</b>	
Greenville.....	2
<b>Influenza:</b>	
Greenville and vicinity.....	166
<b>Pneumonia:</b>	
Greenville and vicinity.....	9
<b>Scarlet fever:</b>	
Greenville.....	2
<b>Whooping cough:</b>	
Greenville.....	2

CAMP SHELBY ZONE, MISS.

<b>Chancroid:</b>	
Hattiesburg.....	1
<b>Gonorrhoea:</b>	
Hattiesburg.....	3
Near Hattiesburg.....	1
<b>Influenza:</b>	
Forrest County.....	6
Hattiesburg.....	92
Lamar County.....	1
Near Hattiesburg.....	8
<b>Measles:</b>	
Hattiesburg.....	4
<b>Mumps:</b>	
Hattiesburg.....	2
<b>Scarlet fever:</b>	
Hattiesburg.....	1

CAMP SHELBY ZONE, MISS.—continued.

Syphilis:	Cases.
Hattiesburg.....	4
Typhoid fever:	
Hattiesburg.....	1

CAMP SHELDAN ZONE, ALA.

Montgomery:	
Influenza.....	32
Scarlet fever.....	1
Tuberculosis, pulmonary.....	1
Montgomery County:	
Influenza.....	23
U. S. Government clinic:	
Chancroid.....	2
Gonorrhea.....	12
Syphilis.....	2

CAMP SHERMAN ZONE, OHIO.

Gonorrhea:	
U. S. Government clinic.....	8
Influenza:	
Chillicothe.....	47
Ross County.....	22
Measles:	
Chillicothe.....	1

CAMP ZACHARY TAYLOR ZONE, KY. AND IND.

Chancroid:	
U. S. Government clinic.....	1
Chicken pox:	
Louisville.....	1
Diphtheria:	
Jefferson County.....	1
Louisville.....	8
New Albany.....	1
Gonorrhea:	
U. S. Government clinic.....	19
Venereal clinic, county jail.....	4
Influenza:	
Clark County.....	132
Jefferson County.....	234
Jeffersonville.....	147
Louisville.....	448
New Albany.....	135
Measles:	
Louisville.....	4
Mumps:	
Louisville.....	1
Pneumonia:	
Louisville.....	11
Scarlet fever:	
Louisville.....	3
Smallpox:	
Louisville.....	1
Syphilis:	
U. S. Government clinic.....	19
Venereal clinic, county jail.....	10
Tuberculosis, pulmonary:	
Jefferson County.....	1
Louisville.....	5
Typhoid fever:	
Clark County.....	1
Louisville.....	1

TIDEWATER HEALTH DISTRICT, VA.

Newport News:	Cases.
Gonorrhea.....	24
Influenza.....	801
Pneumonia.....	7
Smallpox.....	1
Syphilis.....	5
Tuberculosis.....	1
Tuberculosis, pulmonary.....	1

CAMP TRAVIS ZONE, TEX.

San Antonio:	
Chancroid.....	3
Diphtheria.....	1
Gonorrhea.....	21
Influenza.....	544
Pneumonia.....	24
Scarlet fever.....	1
Syphilis.....	4
Tuberculosis.....	3

CAMP UPTON ZONE, N. Y.

Chicken pox:	
Brook Haven.....	2
Diphtheria:	
Brook Haven.....	1
Riverhead.....	2
Gonorrhea:	
Riverhead.....	1
Pneumonia, broncho:	
Patchogue.....	2
Riverhead.....	1
Pneumonia, lobar:	
Brook Haven.....	3

CAMP WADSWORTH ZONE, S. C.

Gonorrhea:	
Spartanburg.....	11
Influenza:	
Arcadia.....	13
Beaumont Mills.....	15
Drayton.....	7
Fairforest.....	1
Saxon.....	1
Spartanburg.....	190
Spartanburg County.....	7
Measles:	
Spartanburg.....	1
Parotitis:	
Spartanburg.....	1

CAMP WHEELER ZONE, GA.

Chicken pox:	
Macon.....	1
Diphtheria:	
Macon.....	2
Influenza:	
Bibb County.....	55
East Macon.....	25
Macon.....	419
Paynes Mill.....	23
Pneumonia:	
Macon.....	2
Syphilis:	
Macon.....	1
Tuberculosis:	
Macon.....	2
Whooping cough:	
Macon.....	3

**DISEASE CONDITIONS AMONG TROOPS IN THE UNITED STATES.<sup>1</sup>**

The following data are taken from telegraphic reports received in the office of the Surgeon General of the United States Army for the week ended October 25, 1918:

Annual admission rate per 1,000 (disease only):

All troops.....	1,732.1
Divisional camps.....	2,167.3
Cantonments.....	1,349.2
Departmental and other troops.....	1,985.9

Noneffective rate per 1,000 on day of report:

All troops.....	77.30
Divisional camps.....	80.39
Cantonments.....	76.23
Departmental and other troops.....	72.09

Annual death rate per 1,000 (disease only):

All troops.....	92.71
Divisional camps.....	139.62
Cantonments.....	63.70
Departmental and other troops.....	104.14

*Cases of special diseases reported during the week ended Oct. 25, 1918.*

Camp.	Pneumonia.	Dysentery.	Malaria.	Venereal diseases.		Influenza.	Measles.	Meningitis.	Scarlet fever.	Deaths.	Annual admis- sion rate per 1,000 (disease only).	Noneffective per 1,000 on day of report.
				Total.	New in- fections.							
Beauregard.....	206		2	36	9	362	7	1		30	2,868.5	145.32
Bowie.....	85		1	324	2	197				17	3,525.2	90.36
Cody.....	47			5		317				15	2,967.6	125.42
Forrest.....	16					153				30	1,483	53.51
Fremont.....	159			5	3	45	21	1		70	5,922.7	250.23
Greene.....	119			24		509	1	2		77	2,670.2	96.26
Greenleaf.....	32			7		456	4	1		85	1,665.9	70.37
Hancock.....	238			35	4	339	13		1	154	1,465.8	70.82
Kearny.....	58			26	6	899				11	2,950.1	67.25
Logan.....	31		3	28	4	142				4	1,413.9	67.40
MacArthur.....	219			3	2	248	16			73	1,364.8	93.21
McClellan.....	302			3		592	20	5		85	2,509.6	128.33
Sevier.....	68		4	81	7	41	1	10		30	1,514	66.26
Shelby.....	13		1	10	9	196	11			8	2,581.7	129.30
Sheridan.....	218			8	1	305	26		1	75	2,582	87.24
Syracuse.....	3					6	1			2	168.2	33.89
Wadsworth.....	20			83	3	88	1			16	1,024.8	56.22
Wheeler.....	109		17	23		7		1		19	4,996.2	104.70
Custer.....	56	1		36	6	149		1	1	69	464.1	42.65
Devens.....	30			29	5	64	32	1		9	1,141.7	59.81
Dix.....	93			103	2	16	1	1	1	11	685.2	45.97
Dodge.....	281			98	8	152	24			91	637.6	189.69
Eustis.....	4		2	13		92	2		1	17	1,273.7	62.54
Funston.....	102			121		173	51	10	1	99	671.5	45.67
Gordon.....	41		3	34		356	27	2		18	2,089	86.24
Grant.....	65			16		80	2		2	42	418.1	35.87
Humphreys.....	24		1	21	8	244	14	4		31	1,187.2	50.79
Jackson.....	53			202	2	144	28	6		29	926.9	66.05
J. E. Johnston.....	69		1	31	2	109	5			36	831.2	50.87
Las Casas.....	6		11			174	2			1	1,802.3	55.11
Lee.....	43			6	6	286	1	2		48	777.2	60.91
Lewis.....	333			60	6	900	23	1	3	56	3,675.3	93.21
Meade.....	43		1	81	4	84	8	6		37	917.6	54
Pike.....	16			4	3	297	240	5	1	35	1,473.3	83.27
Sherman.....	185			4		49	21	6	1	43	1,260.7	81.13
Taylor.....	220			33	5	221	70	23	3	30	1,603.8	93.03
Travis.....	499			37	2	324	2	8		67	4,484.5	178.85
Upton.....	64			70	1	539	2			29	1,593.9	101.44
Northeastern Department.....	5			31	2	41		1		8	1,034.9	35.61
Eastern Department.....	91			128	41	964		1		85	1,423.1	54.81
Southeastern Department.....	145		3	57	19	1,079			1	42	3,604.5	68.89
Central Department.....	518			124		2,570	4	3	22	145	4,989.4	109.47
Southern Department.....	197	4	2	61		1,858	1	2	4	108	2,493.7	95.67
Western Department.....	88	5		17	1	1,024	1			34	2,933.4	53.51
Aviation camps.....	298		2	82		1,716	2	3		131	2,085.7	80.27
Ports of embarkation:												
Hoboken.....	80			45	8	632	9	2		155	2,207.2	174.97
Newport News.....	121			152	7	78	9	3		47	2,113.9	159.37

<sup>1</sup> Including Porto Rico.

Causes of special diseases reported during the week ended Oct. 25, 1918—Continued.

Camp.	Pneumonia.	Dysentery.	Malaria.	Venereal diseases.		Influenza.	Measles.	Meningitis.	Scarlet fever.	Deaths.	Annual admission rate per 1,000 (disease only).	Non-effective per cent. on day of report.
				Total.	New infections.							
Alcatraz Disciplinary Barracks.....	2					14				1	2,979.9	54.44
Leavenworth Disciplinary Barracks.....	40					27				25	2,720.8	71.61
Jefferson Barracks.....	31			2	1	86	1		1	31	1,324.9	89.02
Columbus Barracks.....	14			3	1	9				16	807.2	49.81
Fort Logan.....	19			2	1	12				18	2,826.6	139.44
Fort McDowell.....	29		1	11	2	9				15	1,565.2	129.00
Fort Sill.....	35			15	15	158	3		1	23	1,146.4	47.37
Fort Slocum.....	12			2		15				26	822.1	46.50
Fort Thomas.....	8			1		64				14	1,170.9	53.37
West Point.....	2					30				1	1,065.6	33.63
Arsenals.....	30			11	6	115				29	952.4	48.99
Miscellaneous small stations.....	3			3	1	14				2	510.9	15.06
General hospitals.....										142		
<b>Total.....</b>	<b>5,961</b>	<b>10</b>	<b>55</b>	<b>2,454</b>	<b>214</b>	<b>19,966</b>	<b>713</b>	<b>112</b>	<b>44</b>	<b>2,757</b>	<b>1,732.1</b>	<b>77.30</b>

Annual rate per 1,000 for special diseases.

Disease.	All troops in United States. <sup>1</sup>	Departmental and other troops. <sup>1</sup>	Divisional camps. <sup>1</sup>	Cantonments. <sup>1</sup>	Expeditionary forces. <sup>2</sup>
Pneumonia.....	261.93	169.43	334.53	170.69	106.77
Dysentery.....	.33	.86	0.00	0.07	3.13
Malaria.....	1.86	.76	4.89	1.42	.29
Venereal.....	83.13	71.95	122.65	74.99	19.59
Paratyphoid.....	.00	.00	.00	.00	.03
Typhoid.....	.23	.29	.52	.07	.26
Measles.....	24.15	2.88	22.22	41.57	6.88
Meningitis.....	3.79	1.44	3.67	5.68	5.90
Scarlet fever.....	1.49	2.78	.34	.96	7.17
Influenza.....	676.37	1,007.86	809.23	335.92	.....

Annual death rate (disease only), all troops in the United States and American expeditionary forces in France, for the week ending Oct. 18, 1918, 112.68.

<sup>1</sup> Week ended Oct. 25, 1918.

<sup>2</sup> Week ended Oct. 17, 1918.

CURRENT STATE SUMMARIES.

Telegraphic Reports for Week Ended November 2, 1918.

*Connecticut.*—Poliomyelitis: New Haven, 1. Cerebrospinal meningitis: New Britain 2, Griswold 1. Smallpox: Norwich 2. Cancel case of rabies reported for week ended October 26, 1918.

*Iowa.*—Cerebrospinal meningitis: Burlington 1, Durant 1. Chancre: Sioux City 4. Diphtheria: Burlington 1, Council Bluffs 2, Davenport 1, Des Moines 6, Dubuque 5, Durant 1, Fort Dodge 2. Gonorrhoea: Albia 1, Alta 1, Belmont 2, Bonaparte 1, Boone 1, Burlington 1, Cedar Rapids 3, Council Bluffs 5, Davenport 3, Des Moines 24, Emmetsburg 1, Forest City 1, Iowa Falls 2, Mapleton 1, Melbourne 1, Muscatine 1, Oskaloosa 2, Persia 1, Sioux City 16, Tiffin 1. Measles: Dubuque 1, Truro 1. Scarlet fever: Baxter 1,

Davenport 1, Des Moines 7, Eagle Grove 4, Forest City 1, Mason City 1. Smallpox: Burlington 2, Des Moines 7, Dubuque 1, Fort Dodge 1, Laurel 1, Mason City 3, Ottumwa 2, Tipton 1. Syphilis: Albia 1, Council Bluffs 1, Des Moines 10, Iowa City 1, Iowa Falls 1, Sioux City 1. In rural districts of following counties. Chancroid: Johnson 1. Chicken pox: Grundy 8. Gonorrhoea: Wright 1. Scarlet fever: Franklin 1, Marshall 1, Polk 1, Webster 1. Smallpox: Hamilton 1, Jasper 3, Marshall 3. Syphilis: Johnson 1. For entire State: Influenza 5,025 cases.

*Kansas.*—New influenza cases reported by cities of over 10,000 population: Atchison 22, Coffeyville 89, Fort Scott 6, Hutchinson 200, Independence 160, Kansas City 940, Lawrence 39, Leavenworth 109, Parsons 43, Pittsburg 67, Salina 40, Topeka 165, Wichita 314. By cities of from 3,000 to 10,000 population: Augusta 37, Chanute 92, Concordia 54, Dodge City 40, Eldorado 81, Emporia 43, Galena 25, Great Bend 23, Iola 63, Junction City 75, Manhattan 39, Newton 15, Ottawa 26, Wellington 124. State totals for week: Influenza 8,205, typhoid fever 25, smallpox 22, diphtheria 26, scarlet fever 17, pneumonia 185.

Reported by mail for preceding week (ended October 26):

Cancer.....	1	Scarlet fever.....	20
Chicken pox.....	19	Septic sore throat.....	1
Diphtheria.....	13	Smallpox.....	21
German measles.....	1	Syphilis.....	3
Gonorrhoea.....	29	Trachoma.....	1
Influenza.....	12, 154	Tuberculosis.....	35
Measles.....	14	Typhoid fever.....	27
Mumps.....	17	Whooping cough.....	17
Pneumonia.....	131		

*Maine.*—Cerebrospinal meningitis: Bridgeton 1. Chicken pox: Kennebunkport 1. Diphtheria: Stetson 1, Presque Isle 3, Portland 2, Biddeford 1. Gonorrhoea: York 1, Saco 2, Freeport 1. Measles: Canaan 3, Auburn 1, Portland 1. Whooping cough: Portland 2.

*Massachusetts.*—Unusual prevalence. Diphtheria: Malden 9. Lobar pneumonia: Springfield 64. Scarlet fever: Hardwick 5. Typhoid fever: Charlton 3, Gloucester 4. Leprosy: Boston 1.

*Minnesota.*—Smallpox (new foci): Douglas County, Miliona Township, 1; Renville County, Boon Lake Township, 4; Wright County, Cokato Township, 1. Two poliomyelitis cases reported since October 28.

*Montana.*—Cases influenza reported 3,926. This probably does not represent one-half of actual cases.

*New Jersey.*—Unusual prevalence diphtheria at Salem.

*New York.*—State outside of New York City. Influenza: 15,283, scattered, incomplete, subsiding. Diphtheria: 109, of which in

Lackawanna 18. Scarlet fever 45. Smallpox 1. Typhoid fever: 25, of which in Herkimer 10. Pneumonia: 1,668, scattered.

*North Carolina.*—Whooping cough 71, measles 7, diphtheria 50, scarlet fever 17, septic sore throat 1, smallpox 9, chicken pox 9, typhoid fever 24, meningitis 3, ophthalmia neonatorum 1.

*Ohio.*—Smallpox: Elyria 6 cases, Antwerp 35 cases. Venereal diseases 137 cases.

**CEREBROSPINAL MENINGITIS.**

**Cases Reported in Extra-Cantonment Zones, Week Ended Nov. 2, 1918.**

	Cases.		Cases.
Camp Beauregard zone, La.....	1	Portsmouth and Norfolk County health district, Va.....	1
Camp Hancock zone, Ga.....	1	Camp Sevier zone, S. C.....	1
Camp Logan zone, Tex.....	1		
Camp Pike zone, Ark.....	1		

**State reports for September, 1918.**

Place.	New cases reported.	Place.	New cases reported.
<b>Connecticut:</b>		<b>Maryland:</b>	
Hartford County—		Anne Arundel County.....	2
East Hartford.....	1	Baltimore.....	5
New Britain.....	1	<b>Total.....</b>	<b>7</b>
<b>New Haven County—</b>		<b>Virginia:</b>	
Naugatuck.....	1	Alleghany County—	
Orange.....	1	Clifton Forge.....	1
Waterbury.....	1	Covington.....	1
<b>Total.....</b>	<b>5</b>	Halifax County.....	2
<b>Indiana:</b>		James City County.....	1
Dearborn County.....	1	<b>King William County—</b>	
Delaware County.....	1	West Point.....	1
Fountain County.....	1	Lee County.....	5
Noble County.....	1	Montgomery County.....	1
Orange County.....	2	Smyth County.....	1
Vigo County.....	1	Fredericksburg County.....	1
<b>Total.....</b>	<b>7</b>	Washington County.....	1
<b>Maine:</b>		<b>Total.....</b>	<b>15</b>
Kennebec County—			
Winslow (town).....	5		
York County—			
Biddeford (city).....	2		
<b>Total.....</b>	<b>7</b>		

**City Reports for Week Ended Oct. 19, 1918.**

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Baltimore, Md.....	1	1	Louisville, Ky.....	1	1
Boston, Mass.....	3		Medford, Mass.....	1	
Canton, Ohio.....		1	Milwaukee, Wis.....	3	1
Chelsea, Mass.....	1		Newark, N. J.....	2	
Chicago, Ill.....	2		New Orleans, La.....	1	1
Dallas, Tex.....	2		New York, N. Y.....	2	7
Detroit, Mich.....	1		Peoria, Ill.....	1	
Fall River, Mass.....	1		Philadelphia, Pa.....	4	2
Greenfield, Mass.....	1	1	Reading, Pa.....	1	
Jersey City, N. J.....	2		St. Louis, Mo.....	1	
Kalamazoo, Mich.....	1		Shamokin, Pa.....	1	
Kansas City, Kans.....	1				

**CHANCROID.****Cases Reported in Extra-Cantonment Zones, Week Ended Nov. 2, 1918.**

Cases.		Cases.	
Camp Bowie zone, Tex.....	1	Camp Shelby zone, Miss.....	1
Camp Greene zone, N. C.....	2	Camp Sheridan zone, Ala.....	2
Camp Joseph E. Johnston zone, Fla.....	1	Camp Zachary Taylor zone, Ky. and Ind.....	1
Camp Logan zone, Tex.....	4	Camp Travis zone, Tex.....	3
Camp Pike zone, Ark.....	1		

**DIPHTHERIA.****Cases Reported in Extra-Cantonment Zones, Week Ended Nov. 2, 1918.**

Cases.		Cases.	
Camp Bowie zone, Tex.....	1	Camp Logan zone, Tex.....	2
Camp Dodge zone, Iowa.....	6	New London sanitary district, Conn.....	4
Camp Eberts zone, Ark.....	2	Fort Oglethorpe zone, Ga. and Tenn.....	2
Gas and Flame School zone, Ga.....	1	Portsmouth and Norfolk County health district, Va.....	1
Camp Gordon zone, Ga.....	2	Camp Sevier zone, S. C.....	2
Camp Greene zone, N. C.....	2	Camp Zachary Taylor zone, Ky. and Ind.....	10
Gulfport health district, Miss.....	4	Camp Travis zone, Tex.....	1
Camp Hancock zone, Ga.....	2	Camp Upton zone, N. Y.....	3
Camp Jackson zone, S. C.....	1	Camp Wheeler zone, Ga.....	2
Camp Joseph E. Johnston zone, Fla.....	1		
Fort Leavenworth zone, Kans.....	2		

See also Diphtheria, measles, scarlet fever, and tuberculosis, page 1953.

**ERYSIPELAS.****City Reports for Week Ended Oct. 19, 1918.**

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Chicago, Ill.....	4	.....	Louisville, Ky.....	1	.....
Cleveland, Ohio.....	6	.....	Milwaukee, Wis.....	1	.....
Detroit, Mich.....	5	.....	New York, N. Y.....	.....	1
Independence, Mo.....	1	.....	Philadelphia, Pa.....	.....	1
Jackson, Mich.....	1	.....	Pontiac, Mich.....	1	.....
Los Angeles, Cal.....	2	.....	St. Louis, Mo.....	2	.....

**GONORRHEA.****Cases Reported in Extra-Cantonment Zones, Week Ended Nov. 2, 1918.**

Cases.		Cases.	
Camp Beauregard zone, La.....	3	Camp Pike zone, Ark.....	8
Camp Bowie zone, Tex.....	25	Portsmouth and Norfolk County health district, Va.....	11
Charleston sanitary district, S. C.....	2	Portsmouth-Kittery sanitary district, N. H. and Me.....	4
Camp Doniphan zone, Okla.....	2	Camp Shelby zone, Miss.....	4
Camp Eberts zone, Ark.....	2	Camp Sheridan zone, Ala.....	12
Gas and Flame School zone, Ga.....	6	Camp Sherman zone, Ohio.....	8
Camp Gordon zone, Ga.....	20	Camp Zachary Taylor zone, Ky. and Ind.....	23
Camp Greene zone, N. C.....	8	Tidewater health district, Va.....	24
Camp Joseph E. Johnston zone, Fla.....	6	Camp Travis zone, Tex.....	21
Camp Lee zone, Va.....	4	Camp Upton zone, N. Y.....	1
Camp Logan zone, Tex.....	10	Camp Wadsworth zone, S. C.....	11
Camp MacArthur zone, Tex.....	3		
Camp McClellan zone, Ala.....	6		
Fort Oglethorpe zone, Ga. and Tenn.....	20		

**INFLUENZA.**

**Cases Reported in Extra-Cantonment Zones, Week Ended Nov. 2, 1918.**

Cases.		Cases.	
Camp Beauregard zone, La.....	253	Camp MacArthur zone, Tex.....	233
Camp Bowie zone, Tex.....	68	Camp McClellan zone, Ala.....	232
Charleston sanitary district, S. C.....	208	New London sanitary district, Conn.....	114
Camp Devens zone, Mass.....	13	Fort Oglethorpe zone, Ga. and Tenn.....	73
Camp Dodge zone, Iowa.....	126	Picric acid plant zone, Ga.....	42
Camp Doniphan zone, Okla.....	12	Camp Pike zone, Ark.....	324
Camp Eberts zone, Ark.....	219	Portsmouth and Norfolk County health district, Va.....	145
Gas and Flame School zone, Ga.....	531	Portsmouth-Kittery sanitary district, N. H. and Me.....	18
Gerstner Field zone, La.....	360	Camp Sevier zone, S. C.....	106
Camp Gordon zone, Ga.....	372	Camp Shelby zone, Miss.....	107
Camp Greene zone, N. C.....	61	Camp Sheridan zone, Ala.....	55
Gulfport health district, Miss.....	753	Camp Sherman zone, Ohio.....	69
Camp Hancock zone, Ga.....	281	Camp Zachary Taylor zone, Ky. and Ind.....	1,146
Camp Humphreys zone, Va.....	72	Tidewater health district, Va.....	804
Camp Jackson zone, S. C.....	87	Camp Travis zone, Tex.....	844
Camp Joseph E. Johnston zone, Fla.....	233	Camp Wadsworth zone, S. C.....	234
Fort Leavenworth zone, Kans.....	143	Camp Wheeler zone, Ga.....	522
Camp Lee zone, Va.....	305		
Camp Lewis zone, Wash.....	72		
Camp Logan zone, Tex.....	341		

**MALARIA.**

**Cases Reported in Extra-Cantonment Zones, Week Ended Nov. 2, 1918.**

Cases.		Cases.	
Camp Eberts zone, Ark.....	10	Gulfport health district, Miss.....	16
Gas and Flame School zone, Ga.....	1	Camp Pike zone, Ark.....	3
Camp Gordon zone, Ga.....	1		

**State Reports for September, 1918.**

Place.	New cases reported.	Place.	New cases reported.
<b>Maryland:</b>		<b>Virginia:</b>	
Allegany County—		Accomac County.....	32
Cumberland.....	1	Chincoteague.....	3
Anne Arundel County.....	2	Albemarle County.....	2
South River.....	2	Alexandria County.....	2
Baltimore County—		Clarendon.....	3
Govanstown.....	2	Alleghany County—	
Turners Station.....	2	Iron Gate.....	1
Colgate.....	1	Amherst County.....	1
Sollers Station.....	1	Appomattox County.....	1
Sparrows Point.....	1	Bedford County.....	3
Catonsville.....	1	Botetourt County.....	1
Caroline County—		Brunswick County.....	1
Ridgely.....	1	Caroline County.....	1
Preston.....	1	Charles City County.....	21
Cecil County—		Charlotte County.....	2
Charlestown.....	1	Chesterfield County.....	5
Charles County—		Culpeper County.....	2
Rock Point.....	1	Cumberland County.....	2
Waldorf, R. D.....	2	Dinwiddie County.....	2
Bryantown, R. D.....	1	Essex County.....	6
Dorchester County—		Floyd County.....	2
Taylors Island.....	4	Gloucester County.....	1
Griffins Neck.....	1	Goochland County.....	2
Madison.....	1	Greene County.....	1
Frederick County—		Greensville County.....	1
Brunswick.....	1	Emporia.....	2
Prince George County—		Hallfax County.....	10
Queen Anne.....	1	Hanover County.....	12
Somerset County:		Henrico County.....	13
Mount Vernon.....	1	Henry County.....	4
Dames Quarter.....	2	Isle of Wight County.....	1
Wicomico County:		James City County.....	21
Mount Herman.....	4	King and Queen County.....	10
<b>Total.....</b>	<b>35</b>	King William County.....	14
		West Point.....	3
			6



## MALARIA—Continued.

## State Reports for September, 1918—Continued.

Place.	New cases reported.	Place.	New cases reported.
Virginia—Continued.		Virginia—Continued.	
Lancaster County.....	15	Prince Edward County.....	1
Lee County.....	3	Prince George County.....	8
Louisa County.....	1	Prince William County.....	17
Lunenburg County.....	2	Southampton County.....	30
Victoria.....	4	Franklin.....	10
Mathews County.....	1	Spotsylvania County.....	4
Mecklenburg County.....	7	Fredericksburg.....	1
Nansemond County.....	5	Stafford County.....	3
Suffolk.....	3	Surry County.....	4
Northampton County.....	17	Sussex County.....	10
Cape Charles.....	5	Waverly.....	1
Northumberland County.....	5	Tazewell County—	
Nottoway County.....	2	Pocahontas.....	1
Blackstone.....	2	Washington County.....	1
Burkeville.....	2	Westmoreland County.....	3
Page County.....	1	Wythe County.....	1
Pittsylvania County.....	5	York County.....	2
Powhatan County.....	14		
Princess Anne County.....	32	Total.....	415

## City Reports for Week Ended Oct. 19, 1918.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Jordan, Mo.....	22		New Orleans, La.....	1	
Little Rock, Ark.....	5		Savannah, Ga.....		2
Memphis, Tenn.....	1	1			

## MEASLES.

## Cases Reported in Extra-Cantonment Zones, Week Ended Nov. 2, 1918.

	Cases.		Cases.
Camp MacArthur zone, Tex.....	1	Camp Sherman zone, Ohio.....	1
Camp Pike zone, Ark.....	4	Camp Zachary Taylor zone, Ky. and Ind.....	4
Camp Shelby zone, Miss.....	4	Camp Wadsworth zone, S. C.....	1

See also Diphtheria, measles, scarlet fever, and tuberculosis, page 1953.

## PELLAGRA.

## State Reports for September, 1918.

Place.	New cases reported.	Place.	New cases reported.
Maine:		Virginia:	
Cumberland County—		Augusta County.....	1
Portland.....	1	Charles City County.....	1
Oxford County—		Halifax County—	
Paris Town.....	1	South Boston.....	1
Total.....	2	Mathews County.....	1
		Montgomery County.....	1
Maryland:		Powhatan County.....	2
Baltimore.....	1	Roanoke County—	
Allerany County—		Roanoke.....	2
Westernport.....	1	Rockbridge County.....	1
Talbot County—		Scott County.....	1
St. Michaels.....	1	Spotsylvania.....	1
Total.....	3	Fredericksburg.....	1
		Wise County—	
		Wise.....	1
		Total.....	14

PELLAGRA—Continued.

City Reports for Week Ended Oct. 19, 1918.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Birmingham, Ala.....		1	Montgomery, Ala.....		1
Houston, Tex.....		1	Richmond, Va.....		1
Independence, Mo.....		1	Savannah, Ga.....		1
Lynchburg, Va.....		1	Winston-Salem, N. C.....		2

PNEUMONIA.

Cases Reported in Extra-Cantonment Zones, Week Ended Nov. 2, 1918.

Cases.	Cases.
Camp Beauregard zone, La.....	2
Camp Bowie zone, Tex.....	119
Camp Dodge zone, Iowa.....	3
Camp Doniphan zone, Okla.....	1
Camp Eberts zone, Ark.....	22
Gas and Flame School zone, Ga.....	45
Gerstner Field zone, La.....	19
Camp Gordon zone, Ga.....	1
Gulfport health district, Miss.....	61
Camp Hancock zone, Ga.....	15
Camp Humphreys zone, Va.....	3
Camp Joseph E. Johnston zone, Fla.....	1
Fort Leavenworth zone, Kans.....	4
Camp Lee zone, Va.....	35
Camp Logan zone, Tex.....	72
Camp MacArthur zone, Tex.....	33
Camp McClellan zone, Ala.....	23
New London sanitary district, Conn.....	8
Fort Oglethorpe zone, Ga. and Tenn.....	1
Picric acid plant zone, Ga.....	1
Camp Pike zone, Ark.....	41
Camp Sevier zone, S. C.....	9
Camp Zachary Taylor zone, Ky. and Ind.....	11
Tidewater health district, Va.....	7
Camp Travis zone, Tex.....	21
Camp Upton zone, N. Y.....	6
Camp Wheeler zone, Ga.....	2

City Reports for Week Ended Oct. 19, 1918.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Ann Arbor, Mich.....	50	45	Greenwich, Conn.....	37	21
Asbury Park, N. J.....	43	8	Hackensack, N. J.....	18	39
Astoria, Oreg.....	21	3	Harrison, N. J.....	13	..
Atlantic City, N. J.....	8	3	Hartford, Conn.....	1	10
Attleboro, Mass.....	4	3	Hattiesburg, Miss.....	3	..
Baltimore, Md.....	393	634	Holyoke, Mass.....	7	13
Belleville, N. J.....	6	9	Hornell, N. Y.....	30	..
Bellingham, Wash.....	1	..	Jackson, Mich.....	66	51
Berkeley, Cal.....	3	3	Joplin, Mo.....	10	4
Beverly, Mass.....	2	2	Kalamazoo, Mich.....	21	5
Binghamton, N. Y.....	121	33	Lackawanna, N. Y.....	5	7
Bluefield, W. Va.....	2	2	Lawrence, Mass.....	11	7
Boston, Mass.....	165	126	Lexington, Ky.....	5	5
Bridgeport, Conn.....	3	14	Lincoln, Neb.....	10	3
Bristol, Conn.....	2	..	Little Rock, Ark.....	104	13
Brookline, Mass.....	2	1	Long Beach, Cal.....	30	29
Cambridge, Mass.....	16	6	Lorain, Ohio.....	4	..
Centralia, Ill.....	20	..	Los Angeles, Cal.....	57	39
Charleston, W. Va.....	23	..	Louisville, Ky.....	16	22
Chelsea, Mass.....	2	3	Lowell, Mass.....	13	27
Chicago, Ill.....	3,276	863	Lynn, Mass.....	10	3
Chicopee, Mass.....	3	16	Manchester, Conn.....	9	1
Cleveland, Ohio.....	179	64	Manitowoc, Wis.....	18	4
Cofeyville, Kans.....	1	..	Melrose, Mass.....	2	2
Corpus Christi, Tex.....	2	..	Michigan City, Ind.....	3	3
Cortland, N. Y.....	2	..	Montclair, N. J.....	2	..
Cranston, R. I.....	13	13	Morantown, W. Va.....	23	8
Dallas, Tex.....	1	4	Morrisstown, N. J.....	45	49
Detroit, Mich.....	145	120	Nashville, Tenn.....	6	22
Duluth, Minn.....	5	4	Natick, Mass.....	1	1
East Orange, N. J.....	38	17	Newark, N. J.....	449	113
Elizabeth, N. J.....	14	60	New Bedford, Mass.....	14	9
Elmira, N. Y.....	43	4	New Britain, Conn.....	3	30
Everett, Mass.....	1	11	New Castle, Ind.....	6	3
Fall River, Mass.....	52	13	Newton, Mass.....	2	..
Fort Worth, Tex.....	20	79	New York, N. Y.....	3,508	2,009
Frederick, Md.....	2	..	North Adams, Mass.....	2	3
Galveston, Tex.....	21	20	Northampton, Mass.....	5	2
Grand Rapids, Mich.....	10	2	North Tonawanda, N. Y.....	23	8

PNEUMONIA—Continued.

City Reports for Week Ended Oct. 19, 1918—Continued.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Norwood, Ohio.....	8	9	Sault Ste. Marie, Mich.....	5	24
Oakland, Cal.....	2	13	Fchenectady, N. Y.....	23	13
Oak Park, Ill.....	1	9	Sioux Falls, S. Dak.....	3	3
Passadena, Cal.....	4	2	Somerville, Mass.....	6	4
Passaic, N. J.....	50	34	Springfield, Mass.....	84	35
Philadelphia, Pa.....	491	1,198	Springfield, Ohio.....	4	1
Piqua, Ohio.....	18	8	Stockton, Cal.....	17	.....
Pontiac, Mich.....	3	1	Tacoma, Wash.....	7	.....
Port Chester, N. Y.....	58	21	Toledo, Ohio.....	3	18
Quincy, Mass.....	1	.....	Topeka, Kans.....	4	4
Richmond, Va.....	2	66	Troy, N. Y.....	15	70
Rochester, N. Y.....	86	14	Vallejo, Cal.....	2	2
Rock Island, Ill.....	10	.....	Waco, Tex.....	22	22
Rome, N. Y.....	22	.....	West'eld, Mass.....	7	10
Sacramento, Cal.....	2	7	West New York, N. J.....	11	5
Saginaw, Mich.....	1	.....	Wichita, Kans.....	5	4
San Diego, Cal.....	2	2	Wichitrop, Mass.....	3	.....
Santa Cruz, Cal.....	2	1	Worcester, Mass.....	102	59
Saratoga Springs, N. Y.....	38	11	Yonkers, N. Y.....	15	26

POLIOMYELITIS (INFANTILE PARALYSIS).

State Reports for September, 1918.

Place.	New cases reported.	Place.	New cases reported.
<b>Connecticut:</b>		<b>Maryland:</b>	
Hartford County—		Baltimore.....	8
East Hartford.....	1	Allegany County—	
Hartford.....	12	Cumberland.....	2
New Britain.....	2	Baltimore County—	
Litchfield County—		Highlandtown.....	1
Plymouth.....	1	Mount Carmel.....	1
New Haven County—		Coekeysville.....	1
Bethany.....	1	Owings Mills, R. D.....	1
Branf rd.....	1	Caroline County—	
New Haven.....	1	Preston, R. D.....	1
New London County—		Harford County.....	1
Bozrah.....	1	Frederick County—	
Tolland County—		Frederick.....	3
Stafford.....	1	New Market, R. D.....	1
Total.....	21	New Market.....	1
<b>Indiana:</b>		Queen Annes County—	
Allen County.....	2	Queenstown, R. D.....	1
Dearborn County.....	2	Wicomico County—	
Decatur County.....	1	Mardella, R. D.....	1
Grant County.....	1	Total.....	23
Lake County.....	1	<b>Virginia:</b>	
Lawrence County.....	1	Alexandria County.....	1
Miami County.....	1	Alleghany County—	
Orange County.....	1	Clifton Forge.....	1
Putnam County.....	1	Culpeper County.....	3
Spencer County.....	1	Giles County.....	1
Switzerland County.....	2	Goochland County.....	1
Vanderburg County.....	1	Hanover County.....	1
Warrick County.....	1	Lee County.....	1
Wayne County.....	1	Tazewell County.....	1
Total.....	17	York County.....	2
		Total.....	12

City Reports for Week Ended Oct. 19, 1918.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Birmingham, Ala.....	1	.....	Duluth, Minn.....	1	.....
Boston, Mass.....	2	.....	El Paso, Tex.....	1	.....
Chicago, Ill.....	2	.....	Los Angeles, Cal.....	2	.....
Columbus, Ohio.....	1	1	New York, N. Y.....	1	.....
Detroit, Mich.....	1	.....	Pittsburgh, Pa.....	1	.....

**SCARLET FEVER.**

**Cases Reported in Extra-Cantonment Zones, Week Ended Nov. 2, 1918.**

	Cases.		Cases.
Camp Bowie zone, Tex.....	1	Fort Oglethorpe zone, Ga. and Tenn.....	2
Camp Dodge zone, Iowa.....	8	Camp Pike zone, Ark.....	3
Gas and Flame School zone, Ga.....	4	Camp Sevier zone, S. C.....	2
Camp Greene zone, N. C.....	1	Camp Shelby zone, Miss.....	1
Camp Hancock zone, Ga.....	1	Camp Sheridan zone, Ala.....	1
Fort Leavenworth zone, Kans.....	1	Camp Zachary Taylor zone, Ky. and Ind.....	3
Camp MacArthur zone, Tex.....	1	Camp Travis zone, Tex.....	1
New London sanitary district, Conn.....	7		

See also Diphtheria, measles, scarlet fever, and tuberculosis, page 1953.

**SMALLPOX.**

**Cases Reported in Extra-Cantonment Zones, Week Ended Nov. 2, 1918.**

	Cases.		Cases.
Camp Dodge zone, Iowa.....	4	New London sanitary district, Conn.....	2
Camp Gordon zone, Ga.....	1	Camp Zachary Taylor zone, Ky. and Ind.....	1
Fort Leavenworth zone, Kans.....	1	Tidewater health district, Va.....	1

**State Reports for September, 1918.**

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
<b>Indiana:</b>			<b>Virginia:</b>		
Allen County.....	1		Amherst County.....	1	
Cass County.....	1		Augusta County.....	1	
Dearborn County.....	2		Frederick County—		
Delaware County.....	1		Winchester.....	3	
Jefferson County.....	1		Giles County—		
Lake County.....	3		Pearisburg.....	1	
Marion County.....	1		Montgomery County—		
Marshall County.....	1		Radford.....	3	
Miami County.....	6		Norfolk County—		
Owen County.....	4		Norfolk.....	8	
Parke County.....	2		Pittsylvania County.....	15	
Switzerland County.....	2		Prince George County.....	2	
Vanderburg County.....	2		Rappahannock County.....	1	
Wayne County.....	3		Roanoke County—		
Total.....	30		Roanoke.....	1	
			Surry County.....	1	
<b>Maine:</b>			Wise County—		
Aroostook County—			Wise.....	2	
Van Buren (town).....	1		Total.....	39	
Fort Fairfield (town).....	1				
Total.....	2				

**City Reports for Week Ended Oct. 19, 1918.**

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Atlanta, Ga.....	1		Milwaukee, Wis.....	3	
Bellingham, Wash.....	1		Minneapolis, Minn.....	2	
Birmingham, Ala.....	3		Nashville, Tenn.....	1	
Buffalo, N. Y.....	1		Ogden, Utah.....	5	
Butte, Mont.....	2		Oklahoma City, Okla.....	1	
Chicago, Ill.....	2		Omaha, Nebr.....	9	
Cleveland, Ohio.....	11		Oshkosh, Wis.....	1	
Council Bluffs, Iowa.....	2		Peoria, Ill.....	1	
Dallas, Tex.....	1		Portland, Oreg.....	3	
Dubuque, Iowa.....	2		Saginaw, Mich.....	1	
Elgin, Ill.....	1		St. Joseph, Mo.....	7	
Elyria, Ohio.....	7		Salt Lake City, Utah.....	5	
Fargo, N. Dak.....	1		Seattle, Wash.....	3	
Fort Dodge, Iowa.....	1		Sioux Falls, S. Dak.....	3	
Fort Worth, Tex.....	1		Spokane, Wash.....	3	
Green Bay, Wis.....	2		Superior, Wis.....	3	
Hoquiam, Wash.....	1		Vallejo, Cal.....	1	
Houston, Tex.....	1		Walla Walla, Wash.....	1	
Jacksonville, Ill.....	1		Wichita, Kans.....	2	
La Crosse, Wis.....	1		Winona, Minn.....	1	
La Fayette, Ind.....	2		Winston-Salem, N. C.....	1	

**SYPHILIS.**

**Cases Reported in Extra-Cantonment Zones, Week Ended Nov. 2, 1918.**

Cases.		Cases.	
Camp Bowie zone, Tex.....	16	Camp Pike zone, Ark.....	6
Charleston sanitary district, S. C.....	2	Portsmouth and Norfolk County health district, Va.....	9
Gas and Flame School zone, Ga.....	4	Camp Shelby zone, Miss.....	4
Camp Gordon zone, Ga.....	17	Camp Sheridan zone, Ala.....	2
Camp Greene zone, N. C.....	5	Camp Zachary Taylor zone, Ky. and Ind.....	29
Gulfport health district, Miss.....	1	Tidewater health district, Va.....	5
Camp Joseph E. Johnston zone, Fla.....	1	Camp Travis zone, Tex.....	4
Camp Lee zone, Va.....	4	Camp Wheeler zone, Ga.....	1
Camp Logan zone, Tex.....	12		
Fort Oglethorpe zone, Ga. and Tenn.....	1		

**TETANUS.**

**City Reports for Week Ended Oct. 19, 1918.**

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Boston, Mass.....	2	.....	Minneapolis, Minn.....	.....	1
Cleveland, Ohio.....	1	.....	Savannah, Ga.....	.....	1
Los Angeles, Cal.....	.....	1			

**TUBERCULOSIS.**

**Cases Reported in Extra-Cantonment Zones, Week Ended Nov. 2, 1918.**

Cases.		Cases.	
Camp Bowie zone, Tex.....	2	Camp McClellan zone, Ala.....	1
Camp Eberts zone, Ark.....	1	New London sanitary district, Conn.....	4
Gas and Flame School zone, Ga.....	4	Pieric acid plant zone, Ga.....	2
Camp Gordon zone, Ga.....	3	Camp Sheridan zone, Ala.....	1
Camp Greene zone, N. C.....	1	Camp Zachary Taylor zone, Ky. and Ind.....	6
Gulfport health district, Miss.....	1	Tidewater health district, Va.....	2
Fort Leavenworth zone, Kans.....	1	Camp Travis zone, Tex.....	3
Camp MacArthur zone, Tex.....	1	Camp Wheeler zone, Ga.....	2

See also Diphtheria, measles, scarlet fever, and tuberculosis, page 1953.

**TYPHOID FEVER.**

**Cases Reported in Extra-Cantonment Zones, Week Ended Nov. 2, 1918.**

Cases.		Cases.	
Charleston sanitary district, S. C.....	3	Camp Pike zone, Ark.....	2
Camp Eberts zone, Ark.....	2	Camp Shelby zone, Miss.....	1
Gas and Flame School zone, Ga.....	2	Camp Zachary Taylor zone, Ky. and Ind.....	2
Camp Gordon zone, Ga.....	3		

**State Reports for September, 1918.**

Place.	New cases reported.	Place.	New cases reported.
<b>Connecticut:</b>		<b>Connecticut—Continued.</b>	
Fairfield County—		Hartford County—	
Bridgeport.....	6	Bristol.....	2
Easton.....	3	East Hartford.....	1
Greenwich.....	1	East Windsor.....	1
New Canaan.....	1	Hartford.....	15
Norwalk.....	6	Manchester.....	4
Fidgefield.....	2	New Britain.....	2
Stamford.....	4	Southington.....	1
Stratford.....	1	West Hartford.....	1

TYPHOID FEVER—Continued.

State Reports for September, 1918—Continued.

Place.	New cases reported.	Place.	New cases reported.
<b>Connecticut—Continued.</b>		<b>Indiana—Continued.</b>	
<b>Hartford County—Continued.</b>		Spencer County.....	1
Wethersfield.....	10	Steuben County.....	1
Windsor Locks.....	2	St. Joseph County.....	4
<b>Litchfield County—</b>		Switzerland County.....	4
Beckleham.....	1	Tippecanoe County.....	2
Litchfield.....	1	Tipton County.....	1
New Milford.....	1	Vanderburg County.....	6
Watertown.....	4	Vermillion County.....	1
<b>Middlesex County—</b>		Warrick County.....	5
Saybrook.....	1	Washington County.....	3
<b>New Haven County—</b>		Wayne County.....	2
Ansonia.....	2	Wells County.....	3
Derby.....	1	White County.....	1
Guilford.....	4	Total.....	207
Meriden.....	5	<b>Maine:</b>	
Milford.....	1	<b>Aroostook County—</b>	
New Haven.....	22	Ashland Town.....	6
North Haven.....	2	<b>Cumberland County—</b>	
Orange.....	1	Portland City.....	5
Wallingford.....	14	Oxford County.....	
Seymour.....	1	Hiram Town.....	2
Waterbury.....	10	<b>Hancock County—</b>	
<b>New London County—</b>		Fenobscot Town.....	1
Groton.....	6	<b>Sagadahoc County—</b>	
Lebanon.....	1	Bath City.....	1
New London.....	1	<b>Waldo County—</b>	
Norwich.....	2	Northport Town.....	1
Northington.....	1	Total.....	16
<b>Tolland County—</b>		<b>Maryland:</b>	
Stafford.....	1	Baltimore.....	74
<b>Windham County—</b>		<b>Allegany County—</b>	
Windham.....	1	Cumberland.....	2
Total.....	147	Lonaconing.....	1
<b>Indiana:</b>		Narrows Park.....	1
Adams County.....	4	Allegany Hospital.....	2
Allen County.....	3	Western Maryland Hospital.....	1
Benton County.....	1	<b>Anne Arundel County.....</b>	
Boone County.....	1	Brooklyn.....	11
Carroll County.....	1	Curtis Bay.....	11
Cass County.....	1	Severna Park, R. D.....	2
Clay County.....	3	Bristol.....	1
Clinton County.....	3	Brooklyn, R. D.....	1
Daviess County.....	3	<b>Baltimore County—</b>	
Dearborn County.....	2	Mount Winans.....	6
Decatur County.....	3	Randallstown.....	1
Dekalb County.....	5	Glen Morris.....	1
Delaware County.....	8	Howard Park.....	1
Elkhart County.....	6	Gardenville.....	1
Fountain County.....	2	Chase.....	2
Gibson County.....	7	Parkton.....	2
Grant County.....	3	Parkton, R. D.....	2
Hamilton County.....	3	Greenwood.....	1
Hendricks County.....	1	Arlington.....	3
Howard County.....	2	Granite.....	1
Huntington County.....	3	English Consul.....	1
Jackson County.....	3	Hullsville.....	3
Jay County.....	8	Lutherville.....	1
Jennings County.....	7	Highlandtown.....	2
Johnson County.....	3	Rogel Heights.....	1
Knox County.....	2	Catonsville.....	1
Lake County.....	7	Pikesville, R. D.....	1
Laporte County.....	12	Violetsville.....	2
Lawrence County.....	2	Monkton, R. D.....	1
Madison County.....	13	Lauraville.....	1
Marion County.....	18	Raspeburg.....	1
Marshall County.....	2	Long Green.....	3
Martin County.....	4	Summerfield.....	1
Miami County.....	4	Westport, R. D.....	1
Monroe County.....	2	Eccleston.....	1
Montgomery County.....	2	Morrell Park.....	1
Noble County.....	2	Roland Park.....	1
Orange County.....	1	Rossville, R. D.....	1
Owen County.....	3	Glyndon.....	1
Parke County.....	7	Glyndon, R. D.....	1
Pike County.....	1	Back River.....	1
Ripley County.....	2	Turners Station.....	1
Rush County.....	1		
Scott County.....	2		

## TYPHOID FEVER—Continued.

## State Reports for September, 1918—Continued.

Place.	New cases reported.	Place.	New cases reported.
<b>Maryland—Continued.</b>		<b>Maryland—Continued.</b>	
<b>Calvert County—</b>		<b>Garrett County—</b>	
Port Republic.....	2	Accident, R. D.....	1
Parron.....	1	Oakland, R. D.....	2
Willows.....	1	Friendsville, R. D.....	1
<b>Caroline County—</b>		Oakland.....	1
Goldsboro, R. D.....	5	Grantsville.....	1
Hillsboro.....	1	Kitzmiller.....	1
Mission, R. D.....	1	Bloomington.....	1
Mount Zion.....	1	<b>Harford County—</b>	
Preston.....	1	Havre de Grace.....	7
Preston, R. D.....	2	Havre de Grace, R. D.....	3
Williston, R. D.....	1	Oakington, R. D.....	1
Denton.....	3	Castleton.....	1
Greensboro, R. D.....	1	Aberdeen, R. D.....	1
Grove, R. D.....	1	Chapel Church, R. D.....	1
Burrsville.....	2	Bel Air.....	1
Hillsboro, R. D.....	1	Forest Hill.....	1
Smithson.....	2	<b>Howard County—</b>	
Bethlehem, R. D.....	2	Elkridge.....	2
Harmony, R. D.....	1	Ponlar Springs.....	1
Federalburg.....	1	Ellicott City.....	5
Ridgely.....	1	Woothine.....	1
Greensboro.....	1	<b>Kent County—</b>	
Goldsboro.....	1	Chestertown, R. D.....	1
Henderson.....	1	Millington.....	1
<b>Carroll County—</b>		Chestertown.....	3
Westminster, R. D.....	2	Kennelyville.....	1
Key Mar.....	1	<b>Montgomery County—</b>	
Union Bridge.....	1	Hyattstown.....	1
Alesia, R. D.....	1	Barnesville.....	1
Union Bridge, R. D.....	1	Ednor.....	1
Snydersburg.....	1	<b>Prince Georges County—</b>	
Westminster.....	1	T. B.....	1
Warfieldshurg, R. D.....	1	Lakeland.....	1
Mount Airy.....	1	Tuxedo.....	2
Woothine, R. D.....	1	Snitland.....	1
<b>Cecil County—</b>		Bervyn Heights.....	2
North East.....	1	Aquasco.....	1
Elkton, R. D.....	1	Largo.....	1
Richardsmore.....	1	Aquasco, R. D.....	1
Perryville.....	1	College Park.....	1
Elkton.....	1	Laurel.....	3
Union Hospital.....	1	Liverdale.....	1
<b>Charles County—</b>		<b>Queen Annes County—</b>	
Indianhead.....	1	Ingeside, R. D.....	1
La Plata, R. D.....	2	Stevensville.....	4
Pomfret, R. D.....	1	McGinnis Corner.....	2
Nanjemoy.....	1	Sandersville.....	1
<b>Dorchester County—</b>		Wye Mills, T. D.....	1
Camlidge, R. D.....	1	Willoughby.....	1
Carsins Neck.....	1	Priest.....	2
Cambriage.....	9	<b>Somerset County—</b>	
East New Market.....	1	Princess Anne.....	1
Cabin Creek Neck.....	1	Dames Quarter.....	1
Hawk Eye.....	2	Deals Island.....	1
Maitson.....	6	Crisfield.....	6
Vienna.....	1	Marion Station.....	1
Brookview.....	1	Fingston, R. D.....	1
Fishing Creek.....	1	Shelton.....	2
Hurlock, R. D.....	1	Pocomoke City, R. D.....	1
Brookview, R. D.....	1	Mount Vernon.....	1
Reels Grove.....	1	Chance.....	2
Hurlock.....	1	Crisfield, R. D.....	2
<b>Frederick County—</b>		Marion.....	3
Doubs.....	2	Marion Station, R. D.....	1
Walkersville.....	2	Marion, R. D.....	1
Bartonsville.....	1	<b>Talbot County—</b>	
Frelrick.....	1	Cordova, R. D.....	1
Smithsburg, R. D.....	1	Easton, R. D.....	1
Lilbertytown, R. D.....	1	<b>Washington County—</b>	
New Market.....	2	Hancock.....	2
Brunswick.....	3	Boonsboro.....	1
Lander.....	1	Funkstown.....	2
Middletown.....	1	Hagerstown.....	4
Middletown, R. D.....	1	Mangansville.....	1
Knoxville.....	1	Yarrowsburg.....	1
Walkersville, R. D.....	1	Sharpsburg.....	1

TYPHOID FEVER—Continued.

State Reports for September, 1918—Continued.

Place.	New cases reported.	Place.	New cases reported.
<b>Maryland—Continued.</b>		<b>Virginia—Continued.</b>	
<b>Washington County—Continued.</b>		<b>Frederick County—</b>	
Pectonville.....	1	Winchester.....	1
Rohrersville, R. D.....	1	Giles County.....	2
Chestnut Grove.....	2	Grayson County.....	7
Halfway.....	3	Greensville County.....	4
<b>Wicomico County—</b>		<b>Emporia.....</b>	
Salisbury.....	2	Halifax County.....	2
Fruitland.....	7	Henrico County.....	1
Salisbury, R. D.....	1	Henry County.....	15
Penn. Gen. Hospital.....	2	Isle of Wight County.....	2
<b>Worcester County—</b>		<b>James City County.....</b>	
Snow Hill.....	2	King and Queen County.....	3
Berlin.....	4	King William County.....	1
Cedar Hall, R. D.....	1	Lancaster County.....	5
Pocomoke City, R. D.....	1	Lee County.....	3
Stockton.....	2	Loudoun County.....	3
Klei Grange.....	1	Louisa County.....	2
Girdletree.....	4	Madison County.....	1
Snow Hill, R. D.....	1	Mecklenburg County.....	3
Shad Landing.....	1	Middlesex County.....	2
Whiton, R. D.....	3	Nansemond County.....	4
Total.....	406	Nelson County.....	4
<b>Nevada:</b>		<b>Norfolk County—</b>	
Clark County.....	1	Norfolk.....	4
Humboldt County.....	1	Northampton County.....	2
Lyon County.....	3	Northumberland County.....	3
Washoe County.....	4	Nottoway County.....	1
White Pine County.....	34	Blackstone.....	1
Total.....	43	Orange County.....	5
<b>Virginia:</b>		<b>Patrick County.....</b>	
Accomac County.....	16	Pittsylvania County.....	4
Albemarle County.....	3	Prince Edward County.....	5
Charlottesville.....	4	Prince George County.....	7
Alexandria County.....	2	Pulaski County.....	1
Alexandria.....	1	Rappahannock County.....	1
Alleghany County.....	1	Roanoke County—	
Clifton Forge.....	1	Roanoke.....	5
Covington.....	2	Salem.....	2
Amherst County.....	2	Vinton.....	1
Appomattox County.....	4	Rockbridge County.....	2
Augusta County.....	11	Rockingham County.....	1
Staunton.....	1	Russell County.....	1
Bath County.....	1	Lebanon.....	1
Bedford County.....	8	Scott County.....	13
Bland County.....	4	Gate City.....	1
Buchanan County.....	7	Shenandoah County.....	4
Campbell County—		New Market.....	1
Altavista.....	1	Smyth County.....	1
Brookneal.....	2	Marion.....	1
Lynchburg.....	2	Southampton County.....	22
Caroline County.....	10	Spotsylvania County.....	2
Carroll County.....	3	Fredericksburg.....	3
Charles City County.....	1	Surry County.....	1
Chesterfield County.....	2	Dendron.....	3
Clarke County.....	1	Sussex County.....	6
Culpeper County.....	1	Jarratt.....	1
Dickenson County.....	2	Wakefield.....	1
Dinwiddie County.....	3	Tazewell County.....	6
Elizabeth City County—		Graham.....	1
Hampton.....	2	Pocahontas.....	1
Phoebus.....	2	Warren County.....	4
Essex County.....	9	Washington County.....	7
Fauquier County.....	3	Westmoreland County.....	5
Warrenton.....	2	Wise County.....	18
Floyd County.....	6	Norton.....	1
Franklin County.....	1	Wythe County.....	2
Rocky Mount.....	1	Ivanhoe.....	9
		Rural Retreat.....	1
		Total.....	355



## TYPHOID FEVER—Continued.

City Reports for Week Ended Oct. 19, 1918.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Allentown, Pa.	1	.....	Minneapolis, Minn.	3	.....
Altoona, Pa.	1	.....	Muncie, Ind.	2	.....
Ann Arbor, Mich.	.....	.....	Nashville, Tenn.	5	1
Atlanta, Ga.	2	1	Natick, Mass.	1	1
Baltimore, Md.	5	8	Newark, N. J.	.....	1
Bayonne, N. J.	1	.....	New Bedford, Mass.	1	.....
Beverly, Mass.	5	1	New Britain, Conn.	.....	1
Birmingham, Ala.	1	2	New Haven, Conn.	1	1
Boston, Mass.	1	.....	New Orleans, La.	3	.....
Bridgeport, Conn.	.....	1	New York, N. Y.	29	7
Buffalo, N. Y.	2	1	Northampton, Mass.	1	1
Burlington, Vt.	1	.....	North Tonawanda, N. Y.	1	.....
Cambridge, Mass.	.....	1	Oakland, Cal.	3	.....
Canton, Ohio.	.....	1	Omaha, Nebr.	1	2
Centralia, Ill.	4	.....	Philadelphia, Pa.	2	1
Charleston, S. C.	1	2	Piqua, Ohio.	2	1
Charleston, W. Va.	4	.....	Pittsburgh, Pa.	2	.....
Chester, Pa.	1	.....	Pontiac, Mich.	4	.....
Chicago, Ill.	4	1	Portland, Me.	1	.....
Cleveland, Ohio.	5	2	Portland, Oreg.	2	.....
Coffeyville, Kans.	2	.....	Providence, R. I.	1	.....
Columbus, Ohio.	1	.....	Reading, Pa.	2	.....
Corpus Christi, Tex.	1	.....	Rochester, N. Y.	1	.....
Dallas, Tex.	1	1	Sacramento, Cal.	1	.....
Detroit, Mich.	7	2	Saginaw, Mich.	1	1
Eau Claire, Wis.	1	.....	St. Louis, Mo.	8	1
Elmira, N. Y.	3	1	Salt Lake City, Utah.	.....	2
El Paso, Tex.	1	.....	San Diego, Cal.	1	.....
Eric, Pa.	2	.....	Santa Cruz, Cal.	1	.....
Fall River, Mass.	2	.....	Saratoga Springs, N. Y.	.....	1
Fort Worth, Tex.	1	.....	Savannah, Ga.	1	.....
Grand Rapids, Mich.	1	.....	Seattle, Wash.	1	.....
Greensboro, N. C.	1	.....	Springfield, Ill.	1	.....
Houston, Tex.	3	.....	Springfield, Mo.	.....	1
Independence, Mo.	1	1	Springfield, Ohio.	.....	1
Indianapolis, Ind.	4	.....	Steeltown, Pa.	1	.....
Johnstown, Pa.	1	.....	Syracuse, N. Y.	3	.....
Joplin, Mo.	4	2	Toledo, Ohio.	2	2
Kansas City, Kans.	1	.....	Uniontown, Pa.	2	.....
Knoxville, Tenn.	3	.....	Vancouver, Wash.	1	.....
Kokomo, Ind.	2	1	Walla Walla, Wash.	12	.....
Lackawanna, N. Y.	1	.....	Washington, D. C.	5	.....
Lincoln, Nebr.	1	.....	Wheeling, W. Va.	3	.....
Long Beach, Cal.	1	.....	Wichita, Kans.	3	2
Louisville, Ky.	3	2	Wilmington, Del.	.....	5
Lynn, Mass.	2	.....	Winston-Salem, N. C.	.....	1
Memphis, Tenn.	4	.....	Yonkers, N. Y.	1	.....
Milwaukee, Wis.	1	.....			

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

State Reports for September, 1918.

State.	Cases reported.			State.	Cases reported.		
	Diphtheria.	Measles.	Scarlet fever.		Diphtheria.	Measles.	Scarlet fever.
Connecticut	204	86	68	Maryland	88	95	69
Indiana	222	40	156	Nevada	.....	1	3
Maine	10	13	13	Virginia	113	85	31

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

## City Reports for Week Ended Oct. 19, 1918.

	Popula- tion as of July 1, 1917 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tubercu- losis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Alameda, Cal.	28,433	9	6	1	1		1			
Alexandria, La.	16,732	45								
Allentown, Pa.	65,109		3		12					
Alton, Ill.	23,783	11	1	1			1			1
Altoona, Pa.	59,712		15				1			
Ann Arbor, Mich.	15,011	55	1							
Ansonia, Conn.	16,954	30								
Appleton, Wis.	18,005	12								
Arlington, Mass.	13,073	16								
Asbury Park, N. J.	14,609	16								
Ashtabula, Ohio	27,008	8					1			
Astoria, Oreg.	10,487	6	1	1					2	
Atlanta, Ga.	196,144	124			1		8		1	2
Atlantic City, N. J.	59,515	55							4	5
Attleboro, Mass.	19,776	9	1							
Bakersfield, Cal.	17,543	24								
Baltimore, Md.	594,637	1,691	23	4	1		8	7	25	48
Bayonne, N. J.	73,204		2				1		1	
Beatrice, Nebr.	10,437	8								
Belleville, N. J.	21,154								1	
Beloit, Wis.	18,547	18	1							
Berkeley, Cal.	69,427	27	5		1		2		1	
Bethlehem, Pa.	14,353		3							
Beverly, Mass.	27,128	19	2				1			
Billings, Mont.	15,123	11							1	1
Birchamton, N. Y.	54,864	77	1				4		1	2
Birmingham, Ala.	189,716	177	4		1		4		5	9
Bluefield, W. Va.	16,173		1							
Boise, Idaho.	35,951	6					1			
Boston, Mass.	767,813	763	26	2	4		5	1	38	19
Braddock, Pa.	27,060		2		1					
Brazil, Ind.	10,473	5	1							
Bridgeport, Conn.	124,774	116	9				3		2	
Bristol, Conn.	16,318	36	3	1			1			
Brookline, Mass.	33,576	10							1	
Buffalo, N. Y.	475,781	693	30	6	47	1	13		32	14
Burlington, Iowa.	25,144	4	1				1			
Burlington, Vt.	21,807	42			6	1	1			1
Butler, Pa.	28,677		5							3
Butte, Mont.	44,077		6							
Cairo, Ill.	15,995	27			1		9			
Cambridge, Mass.	114,293	100	9		3		1			1
Canton, Ohio.	67,566	34			3				5	6
Carbondale, Pa.	19,597		2		8				1	
Carnerie, Pa.	11,983				1					
Centralla, Ill.	11,838	7	1		1		4			
Charleston, S. C.	61,071			1						7
Charleston, W. Va.	31,060	43	7	1						
Charlotte, N. C.	40,759	26	1				5			1
Chelsea, Mass.	48,405	34	4				1		4	1
Chicago, Ill.	2,547,701	2,866	139	23	20		26		234	80
Chicopee, Mass.	29,950	25	1	1						
Chillicothe, Ohio.	15,675	14	1		1					
Cleveland, Ohio.	697,259	333	34	3	1		22	1	18	20
Clinton, Mass.	13,075	18								
Columbus, Ohio.	220,135	84	7		1		11		6	7
Concord, N. H.	27,858	40								1
Corpus Christi, Tex.	10,789	6								
Cortland, N. Y.	13,371	26					1			
Council Bluffs, Iowa.	31,838	35	5				1			
Covington, Ky.	59,673	67	3				2		2	2
Cranston, R. I.	26,773	29								
Dallas, Tex.	129,738	129		1	1		3		1	8
Danville, Ill.	37,969	18								
Detroit, Mich.	619,618	367	99	10	1		30		29	12
Dover, N. H.	13,776	16								
Du Bois, Pa.	14,994		3							
Dubuque, Iowa.	40,096	11		1						
Duluth, Minn.	97,077	54	1		3		1		1	1
East Chicago, Ind.	30,786	43								
Easton, Pa.	30,854		1						1	1
East Orange, N. J.	43,761	30	1				2			

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

City Reports for Week Ended Oct. 19, 1918—Continued.

City.	Popula- tion as of July 1, 1917 (estimated by U. S. Consus Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuber- culosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
East Providence, R. I.	18,485		1				2			
Eau Claire, Wis.	18,887						1		1	
Elgin, Ill.	28,502	9								
Elizabeth, N. J.	83,830	163	7				1		1	3
Elmira, N. Y.	38,272	7			5		1		1	5
El Paso, Tex.	69,149	131					1			1
Elyria, Ohio	19,503	12	11							
Englewood, N. J.	12,603	13								
Erie, Pa.	76,592		8				2		1	
Evanston, Ill.	29,304	33								
Everett, Mass.	40,160	19							1	1
Everett, Wash.	37,205		1							
Fall River, Mass.	129,828	241			5		4		7	3
Fargo, N. Dak.	17,872	11								
Findlay, Ohio.	14,858	25	1				3			
Fond du Lac, Wis.	21,486	11					2			1
Fort Dodge, Iowa.	21,039		1				1			
Fort Scott, Kans.	10,564	4								
Fort Worth, Tex.	109,597	106	3				2		1	1
Frederick, Md.	11,225	14								
Galesburg, Ill.	24,629	16			4					
Galveston, Tex.	42,650	32								2
Gardner, Mass.	17,534	16	2							3
Geneva, N. Y.	13,915	8			1		1			
Grand Rapids, Mich.	132,861	37	5		2		9		5	
Green Bay, Wis.	39,017	18							1	1
Greenfield, Mass.	12,251	46								
Greensboro, N. C.	20,171	24					2			
Greenwich, Conn.	19,594						1			
Hackensack, N. J.	17,412	31								
Harrison, N. J.	17,345								2	
Hartford, Conn.	112,851	207	1		5		1			4
Hattiesburg, Miss.	17,357				1					
Hoboken, N. J.	78,324	81	4	2	1				11	1
Holyoke, Mass.	66,503	52	1							
Hoquiam, Wash.	12,230						1			
Hornell, N. Y.	14,857		2							
Houston, Tex.	116,878	151	1		2		1			4
Independence, Mo.	11,964	12								
Indianapolis, Ind.	283,622	221	12	3	1		1		3	6
Jackson, Mich.	35,966	58								1
Jacksonville, Ill.	15,506	13								2
Janesville, Wis.	14,411	20								1
Jersey City, N. J.	312,557		16				5		8	*
Johnstown, Pa.	70,473		3		19		1			
Joplin, Mo.	33,400								23	4
Kalamazoo, Mich.	50,408	24					3		3	
Kankakee, Ill.	14,270				1					
Kansas City, Kans.	102,096		5						3	
Kenosha, Wis.	32,833		3	1			7			
Knoxville, Tenn.	59,112		1	1			1		1	1
Kokomo, Ind.	21,929	16								1
Lackawanna, N. Y.	16,219	20	2	1	31					
La Crosse, Wis.	31,835	23							1	1
La Fayette, Ind.	21,481	14					1	1		1
Lancaster, Pa.	51,437		1				1			
Lawrence, Mass.	102,923	128	1						4	
Leavenworth, Kans.	41,363	6								
Lexington, Ky.	41,997	21	1		1					2
Lima, Ohio.	37,145	17	1	1	1		11			
Lincoln, Nebr.	46,957	71	2	1					1	
Lincoln, R. I.	10,473		1							
Little Rock, Ark.	58,716	22	1		1		1			
Long Beach, Cal.	29,163	36								
Lorain, Ohio.	38,266						3			
Los Angeles, Cal.	535,485	245	47	2	8				59	22
Louisville, Ky.	240,808	266	11		2		2		9	15
Lowell, Mass.	114,366	160	4		2	1	3		2	6
Lynchburg, Va.	33,497	97								1
Lynn, Mass.	104,534	57	8				2		3	3

\* Population Apr. 15, 1910.

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

## City Reports for Week Ended Oct. 19, 1918—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.
McKeesport, Pa.	48,299	.....	1	.....	.....	.....	5	.....	.....	.....
Madison, Wis.	31,315	32	1	.....	.....	.....	1	1	.....	2
Madison, Mass.	52,241	35	.....	1	.....	.....	.....	.....	.....	1
Manchester, Conn.	15,859	12	3	.....	5	.....	1	.....	.....	1
Manitowoc, Wis.	13,911	10	.....	.....	.....	.....	.....	.....	.....	1
Marionette, Wis.	14,610	3	.....	.....	.....	.....	.....	.....	.....	.....
Marion, Ind.	19,921	5	3	.....	.....	.....	3	.....	.....	.....
Mason City, Iowa.	14,938	8	.....	2	.....	.....	.....	.....	.....	.....
Meadville, Pa.	13,768	.....	1	.....	.....	.....	.....	.....	.....	.....
Medford, Mass.	26,694	14	.....	.....	.....	.....	.....	.....	.....	1
Melrose, Mass.	17,724	7	.....	.....	.....	.....	.....	.....	.....	.....
Memphis, Tenn.	151,877	251	4	.....	.....	.....	3	.....	6	10
Michigan City, Ind.	21,913	6	.....	.....	.....	.....	.....	.....	.....	.....
Milwaukee, Wis.	445,008	195	12	1	8	17	1	19	5	.....
Minneapolis, Minn.	373,448	159	20	1	1	3	.....	15	6	.....
Missoula, Mont.	19,075	21	.....	.....	.....	.....	.....	.....	.....	.....
Moline, Ill.	27,776	6	4	.....	.....	.....	.....	.....	.....	.....
Monessen, Pa.	2,070	.....	17	.....	.....	.....	1	.....	.....	.....
Montclair, N. J.	27,087	.....	1	.....	.....	.....	.....	.....	.....	.....
Montgomery, Ala.	44,039	14	4	.....	2	.....	1	.....	.....	.....
Morantown, W. Va.	14,444	12	.....	.....	.....	.....	.....	1	.....	1
Morristown, N. J.	13,410	57	.....	.....	.....	.....	.....	.....	.....	1
Mount Carmel, Pa.	20,703	.....	4	.....	.....	.....	.....	.....	.....	.....
Mount Vernon, Ohio.	10,877	7	.....	.....	.....	.....	.....	.....	.....	.....
Muncie, Ind.	25,651	6	1	.....	.....	.....	.....	.....	3	1
Nashua, N. H.	27,541	35	3	.....	.....	.....	3	.....	.....	.....
Nashville, Tenn.	118,146	239	1	.....	14	.....	3	.....	.....	3
Natick, Mass.	10,140	16	.....	.....	.....	.....	.....	.....	.....	.....
Newark, N. J.	418,789	570	10	5	3	.....	4	22	18	7
New Bedford, Mass.	121,622	252	5	1	1	.....	.....	4	.....	.....
New Britain, Conn.	55,985	33	2	.....	2	.....	.....	.....	.....	2
Newburyport, Mass.	15,231	16	.....	.....	.....	.....	.....	.....	.....	1
New Castle, Ind.	14,144	5	.....	.....	.....	.....	.....	.....	.....	.....
New Haven, Conn.	132,275	194	17	1	2	.....	.....	.....	.....	6
New Orleans, La.	377,010	778	4	.....	.....	.....	5	56	.....	.....
Newport, Ky.	32,133	73	.....	.....	.....	.....	.....	1	.....	1
Newport, R. I.	30,585	19	.....	.....	.....	.....	.....	.....	.....	.....
Newton, Mass.	44,345	36	7	1	.....	.....	2	.....	.....	.....
New York, N. Y.	5,737,492	5,666	170	39	11	2	51	3	48	193
Niagara Falls, N. Y.	38,466	52	2	1	1	.....	2	.....	.....	.....
Norfolk, Va.	91,148	.....	2	.....	.....	.....	.....	.....	.....	.....
Norristown, Pa.	31,069	.....	.....	.....	1	.....	.....	.....	.....	.....
North Adams, Mass.	22,019	18	.....	.....	.....	.....	.....	.....	.....	.....
Northampton, Mass.	20,006	18	.....	.....	.....	.....	.....	.....	2	.....
North Tonawanda, N. Y.	14,070	9	.....	.....	.....	.....	.....	.....	.....	.....
North Yakima, Wash.	22,058	.....	.....	.....	1	.....	5	.....	4	.....
Norwalk, Conn.	27,332	34	.....	.....	.....	.....	.....	.....	.....	.....
Norwood, Ohio.	23,269	11	.....	.....	.....	.....	.....	.....	2	.....
Oakland, Cal.	206,405	95	3	.....	9	.....	5	.....	9	7
Oak Park, Ill.	27,816	18	.....	.....	.....	.....	.....	.....	1	.....
Ogden, Utah.	32,343	33	.....	.....	.....	.....	.....	.....	.....	.....
Oklahoma City, Okla.	97,588	90	4	1	1	.....	1	.....	.....	1
Oran, N. Y.	16,927	37	.....	.....	.....	.....	.....	.....	.....	.....
Omaha, Nebr.	177,777	169	9	1	.....	.....	2	.....	.....	6
Orange, N. J.	33,636	41	1	.....	.....	.....	1	.....	.....	2
Oshkosh, Wis.	36,549	14	2	.....	4	.....	.....	.....	.....	.....
Parkersburg, W. Va.	21,059	12	.....	.....	.....	.....	.....	.....	.....	.....
Pasadena, Cal.	49,620	16	1	.....	.....	.....	.....	.....	2	.....
Pasaic, N. J.	74,478	87	1	.....	2	.....	4	1	2	.....
Pawtucket, R. I.	63,666	143	.....	.....	.....	.....	.....	.....	.....	.....
Peekskill, N. Y.	19,031	24	.....	.....	.....	.....	.....	.....	.....	.....
Peoria, Ill.	72,184	59	1	.....	1	.....	2	.....	.....	.....
Perth Amboy, N. J.	42,646	60	.....	.....	.....	.....	.....	.....	.....	.....
Philadelphia, Pa.	1,735,514	5,270	62	19	15	.....	7	2	78	102
Phoenixville, Pa.	11,871	.....	.....	.....	1	.....	.....	.....	.....	.....
Piqua, Ohio.	14,275	13	.....	.....	.....	.....	.....	.....	.....	.....
Pittsburgh, Pa.	583,196	.....	25	.....	4	.....	7	.....	10	.....
Pittsfield, Mass.	33,678	54	.....	.....	.....	.....	.....	.....	.....	2
Plymouth, Mass.	14,001	7	.....	.....	.....	.....	.....	.....	.....	.....
Plumouth, Pa.	19,433	.....	1	.....	.....	.....	.....	.....	.....	.....
Pontiac, Mich.	18,006	27	.....	.....	2	.....	.....	.....	.....	1

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

**City Reports for Week Ended Oct. 19, 1918—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.
Port Chester, N. Y.	16,727	24	1							
Portland, Me.	64,720	54								1
Portland, Oreg.	308,399	75	3		1		1		3	5
Pottsville, Pa.	22,717		1							
Providence, R. I.	259,895	348	12	1	1	2	5	1		16
Quincy, Mass.	39,022	20	3		1		1			
Racine, Wis.	47,465	34					2			2
Reading, Pa.	111,607		4		16				1	
Redlands, Cal.	14,573	3								
Richmond, Va.	158,702	259	2	1	1		2			9
Riverside, Cal.	20,496		1							2
Roanoke, Va.	46,282	41								
Rochester, N. Y.	264,714	167	16	1	2		11		8	7
Rockford, Ill.	56,739	84	2							
Rock Island, Ill.	29,452	11								
Rocky Mount, N. C.	12,673	15								1
Rome, N. Y.	24,259								4	
Rutland, Vt.	15,038	21					3			
Sacramento, Cal.	68,984	32					1		5	2
Saginaw, Mich.	53,469	9	9		16		3			
St. Joseph, Mo.	86,498	98	8				2			1
St. Louis, Mo.	768,630	380	53	4	17		11	1	45	23
Salt Lake City, Utah	121,623	53	11				26			2
San Angelo, Tex.	10,321	9								2
San Bernardino, Cal.	17,016	13	1							2
San Diego, Cal.	56,412	31	4		7		2		1	2
Sanford, Me.	11,217	14								
San Jose, Cal.	39,810						1			
Santa Cruz, Cal.	15,150	4								1
Saratoga Springs, N. Y.	13,839	28							1	2
Sault Ste. Marie, Mich.	14,130	21	1							
Savannah, Ga.	69,250	62	2				2		1	
Schenectady, N. Y.	103,774		2		3					5
Scranton, Pa.	149,541		8		1		5			
Seattle, Wash.	366,445		10		3		6			
Shamokin, Pa.	21,274		2							
Sioux City, Iowa.	58,568	1	2				1			
Sioux Falls, S. Dak.	16,887	6					1			
Somerville, Mass.	88,618	66	6	1						2
South Bend, Ind.	70,967	52	1		13		1			
Southbridge, Mass.	14,465	7								1
Springfield, Ill.	62,623	36	5	1						
Springfield, Mass.	108,668	90	6	2			3		1	2
Springfield, Mo.	41,169	10								
Springfield, Ohio.	52,296	45				33	1	1		4
Steubenville, Ohio.	28,259	13	1							
Stockton, Cal.	36,200						4			
Superior, Wis.	47,167	11					1			
Syracuse, N. Y.	158,559	294			1		11		5	7
Tacoma, Wash.	117,446		1		1				1	
Taunton, Mass.	36,610	82	1		1				3	1
Toledo, Ohio.	202,010	113	6	1	3		10		12	9
Topeka, Kans.	49,538	49								
Trenton, N. J.	113,974		9	3	1				6	4
Troy, N. Y.	78,094	139	1	1		1				4
Uniontown, Pa.	21,660		3				1			
Vallejo, Cal.	13,803	38								
Vancouver, Wash.	13,805				1					
Waco, Tex.	34,015	38								
Walla Walla, Wash.	26,067						1		1	
Waltham, Mass.	31,011	69	1		2					1
Warren, Pa.	15,083		2							
Washington, D. C.	369,282	775	7	1	2		4		16	17
Washington, Pa.	22,076								1	
Watertown, N. Y.	30,404	87								
Westfield, Mass.	18,769	35								
West New York, N. J.	19,613	14	1				3			
Wheeling, W. Va.	43,657	27			1					1
Wichita, Kans.	73,597								3	1
Wilkes-Barre, Pa.	78,334		6		2					
Williamsport, Pa.	34,123		4							



## FOREIGN.

### CHINA.

#### Plague-Infected Rat—Hongkong.

During the two weeks ended September 14, 1918, out of 3,940 rats examined at Hongkong, 1 rat was found plague infected.

### GREAT BRITAIN.

#### Examination of Rats—Liverpool.

During the period from June 30 to September 7, 1918, 1,250 rats were examined at Liverpool. No plague infection was found.

### HONDURAS.

#### Influenza—Tegucigalpa.

Epidemic influenza was reported at Tegucigalpa, October 7, 1918, with many cases and a number of relapses and reinfections.

### ITALY.

#### Mortality From Influenza—Palermo.

During the week ended September 25, 1918, 962 fatal cases of influenza were reported at Palermo.

### JAMAICA.

#### Influenza—Kingston—Port Antonio.<sup>1</sup>

On October 23, 1918, epidemic influenza was reported at Kingston, Jamaica, with an estimated number of 5,000 cases and a high rate of mortality. At Port Antonio, Jamaica, epidemic influenza was reported October 12, 1918.

### MEXICO.

#### Influenza—Chihuahua—Matamoras—Salina Cruz.

Influenza was reported at Chihuahua, Mexico, October 5, 1918, with about 500 cases present and an average daily occurrence of about 25 deaths. At Matamoras influenza was reported present October 21, 1918. In Salina Cruz the disease was reported present in September.

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<sup>1</sup> Public Health Reports, Nov. 1, 1918, p. 1902.

## NORWAY.

## Influenza—Trondhjem.

Influenza was reported at Trondhjem, Norway, during the month of September, 1918.

## SPAIN.

## Influenza—Tarragona.

On September 23, 1918, influenza was reported present at Tarragona with many hundred cases.

## TUNISIA.

## Influenza—Tunis.

During the last week in September, 1918, 32 fatal cases of influenza were reported at Tunis.

## VENEZUELA.

## Influenza—Caracas.

Influenza was reported, November 2, 1918, to be spreading rapidly in Caracas. Many fatal cases are stated to have occurred in one of the principal prisons.

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

Reports Received During Week Ended Nov. 8, 1918.<sup>1</sup>

## CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
India:				
Madras.....	Aug. 4-10.....	8	6	
Java:				
East Java—				
Surabaya.....	July 30-Aug. 12...	142	124	
Mid-Java.....	Aug. 1-7.....	12	13	
West Java.....				
Batavia.....	Aug. 8-14.....	10	7	Aug. 8-14, 1918: Cases, 39; deaths, 22.
Persia.....				June 16-23, 1918: Deaths, 191.
Philippine Islands:				
Provinces.....				
Bohol.....	Sept. 8-14.....	55	41	Sept. 8-14, 1918: Cases, 77; deaths, 55.
Leyte.....	do.....	5	6	
Misamis.....	do.....	10	4	
Oriental Negros.....	do.....	4	2	
Sorsogon.....	do.....	3	2	
Provinces.....				
Bohol.....	Sept. 15-21.....	86	59	Sept. 15-21, 1918: Cases, 211; deaths, 139. Including 124 cases, 83 deaths, not previously reported.
Cebu.....	do.....	89	50	
Leyte.....	do.....	10	10	
Oriental Negros.....	do.....	17	7	
Sorsogon.....	do.....	9	4	

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



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

Reports Received During Week Ended Nov. 8, 1918—Continued.

### PLAGUE.

Place.	Date.	Cases.	Deaths.	Remarks.
India:				
Karachi.....	July 14-Aug. 17...	9	7	
Madras-Presidency.....	Aug. 4-10.....	169	120	
Rangoon.....	Aug. 4-10.....	25	25	
Java:				
East Java— Surabaya.....	July 3-Aug. 12....	8	8	

### SMALLPOX.

Canada:				
Nova Scotia— Halifax.....	Oct. 13-19.....	9		
India:				
Karachi.....	July 14-20.....	20	1	
Madras.....	Aug. 4-10.....	14		
Rangoon.....	do.....	1	1	
Java:				
East Java— Surabaya.....	July 30-Aug. 12....	4		
Mid Java.....	Aug. 1-7.....	12		
West Java.....	do.....			
Bandaia.....	Aug. 1-7.....	6	3	Aug. 8-14, 1918: Cases, 36, deaths, 24.
Newfoundland:				
Arnolds Cove.....	Oct. 12-18.....	1		
Tunisia:				
Tunis.....	Sept. 21-27.....		1	

### TYPHUS FEVER.

Chosen (Korca):				
Seoul.....	Aug. 1-31.....	1		
Egypt:				
Alexandria.....	Sept. 17-23.....	14	4	
Japan:				
Nagasaki.....	Sept. 23-29.....	1		
Union of South Africa:				
Cape of Good Hope State— Port Elizabeth District.....	Aug. 18-24.....			In interior towns among natives.

### YELLOW FEVER.

Guatemala:				
San Jose.....	Sept. 29-Oct. 5....	3	1	

Reports Received from June 29 to Nov. 1, 1918.

### CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
Albania.....				Aug. 7, 1918: Present.
Austria-Hungary:				
Hungary.....				July 28, 1918: Present.
India:				
Bombay.....	Mar. 17-June 15....	8	6	
Calcutta.....	Apr. 14-June 29....		453	May 19-June 1, 1918: Deaths, 74.
Do.....	June 30-July 20....		56	
Madras.....	Mar. 24-June 1....	7	4	
Do.....	July 6-27.....	28	15	
Mandalay.....	May 5-June 15....		8	
Mergul.....	May 19-25.....		1	
Pegu.....	May 25-June 1....		1	
Rangoon.....	Mar. 30-May 18....	25	19	
Do.....	June 29-July 13....	2	1	

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

Reports Received from June 29 to Nov. 1, 1918—Continued.

### CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Indo-China.....				Jan. 1-Apr. 30, 1918: Cases, 437; deaths, 302.
Anam.....	Mar. 1-Apr. 30	7	5	
Cambodia.....	Jan. 1-Apr. 30	248	186	
Cochin-China.....	do.	165	111	May 20-June 16, 1918: Cases, 66; deaths, 55.
Cholon.....	May 20-June 16	4		
Saigon.....	Apr. 20-Sept. 1	93	19	
Tonkin.....	Jan. 1-Apr. 30	7	43	
Java:				
East Java—				
Surabaya.....	June 6-12	13	3	Present July 24.
Do.....	June 25-Aug. 26	364	300	
Mid-Java.....				Apr. 18-June 26, 1918: Cases, 864; deaths, 653. June 27-Aug. 21, 1918: Cases, 1,043; deaths, 696.
Samarang.....	July 24			Present.
West Java.....				Feb. 22-June 27, 1918: Cases, 1,432; deaths, 869; June 28-July 31, 1918: Cases, 902; deaths 546.
Batavia.....	Feb. 22-June 27	231	103	
Do.....	June 28-July 31	66	45	
Cheribon.....	June 7-27	146	111	
Persia:				
Provinces—				
Chiraz.....	June 27			Present, especially among tribes of Gashgaye and in the city of Darab.
Kasovine.....	June 12-15			Present.
Kars Province—				
Kazaroun.....				December, 1917: 3 or 4 deaths reported daily.
Mahour-Milati.....				Present in December, 1917, with about 300 fatal cases reported.
Kerman Province—				
Kerman.....				Outbreak, Feb. 5, 1918.
Khorasan.....				Oct. 2-Nov. 16, 1917: Cases, 78; deaths, 56. In 7 localities.
Seistan.....				Nov. 4, 1917: Cases, 6. A part of this Province or region extends into Afghanistan.
Philippine Islands:				
Provinces.....				Apr. 28-June 29, 1918: Cases, 677; deaths, 428. June 30-Sept. 7, 1918: Cases, 1,238; deaths, 379.
Bohol.....	Apr. 28-June 29	65	53	
Do.....	July 7-Sept. 7	267	163	
Capiz.....	Apr. 28-May 4	1	1	
Cebu.....	May 5-June 22	35	19	
Do.....	June 30-Sept. 7	360	207	
Leyte.....	Apr. 28-June 29	168	39	
Do.....	June 30-Sept. 7	23	16	
Misamis.....	Apr. 28-June 22	294	163	
Do.....	June 30-Sept. 7	302	99	
Oriental Negros.....	June 3-29	42	23	
Do.....	June 30-Sept. 7	98	45	
Sorsogon.....	June 2-29	112	100	
Do.....	July 14-Sept. 7	149	61	
Surigao.....	Apr. 28-June 22	92	89	
Do.....	June 30-Aug. 17	13	13	
Russia:				
Astara.....	Jan. 9-Feb. 27	58	48	In vicinity, Feb. 11-23, 1918: Cases, 17; deaths, 14. Province of Transcaucasia.
Petrograd.....	July 7			Present.
Sweden:				
Stockholm.....	July 15	5	1	From S. S. Angermanland from Petrograd, Russia.
Switzerland.....				July 26, 1918: Present.
On vessel:				
S. S. Angermanland.....	July 14	8	1	At Stockholm; from Petrograd.

### PLAGUE.

Arabia:				
Aden.....	May 22-28		1	
Argentina:				
Buenos Aires.....	Apr. 20-May 22	16	2	In March, 1918: 3 cases in an institution.
Tucuman.....				

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

## Reports Received from June 29 to Nov. 1, 1918—Continued.

### PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Brazil:				
Bahia.....	June 16-22.....	1	1	
Ceylon:				
Colombo.....	Mar. 23-June 29...	22	21	
Do.....	June 30-July 6....	1	1	
China:				
Amoy.....	July 22-Aug. 18.....			Present.
Hongkong.....	Apr. 14-June 29.....	124	94	
Do.....	June 30-Sept. 7....	130	104	
Ecuador:				
Duran.....	Apr. 1-30.....	2		
Guayaquil.....	May 1-June 15.....	28	10	
Do.....	July 1-Aug. 31.....	1		Feb. 1-28, 1918: Cases, 22; deaths, 8.
Egypt.....				Jan. 1-July 4, 1918: Cases, 438; deaths, 228.
Port Said.....	May 19-21.....	2	1	1 pneumonic.
Do.....	July 4.....	1	1	
Provinces—				
Assiout.....	July 27-29.....	2	1	
Bent-Souef.....	Apr. 28-30.....	2	1	
Fayoum.....	Apr. 21-June 27.....	10	4	
Gizeh.....	June 30.....	1		
Keneh.....	May 16.....	1	1	
Minieh.....	Apr. 23-June 10.....	33	14	5 septicemic.
Do.....	June 27-July 4....	17	4	1 pneumonic.
Great Britain:				
Erwarton.....	June 19.....	1	1	Rural district, Eamford, East Suffolk.
London, Port.....	Aug. 17.....	5		On vessel from Calcutta.
Rochester.....	June 2.....	1	1	From s. s. Somali at Gravesend from Bombay.
India.....				Mar. 31-June 29, 1918: Cases, 163,977; deaths, 132,917. June 30-July 6, 1918: Cases, 1,342; deaths, 988.
Bassein.....	Mar. 25-June 15.....		149	
Do.....	July 7-27.....		9	
Bombay.....	Mar. 24-June 15.....	630	750	
Calcutta.....	Apr. 14-June 29.....		119	May 19-June 1, 1918: Deaths, 30.
Do.....	June 30-July 20.....		10	
Henzada.....	Mar. 24-June 29.....		23	
Karachi.....	Apr. 21-June 29.....	879	807	
Do.....	June 30-July 13.....		17	
Madras Presidency.....	Mar. 24-June 15.....	463	362	Mar. 17-May 4, 1918: Cases, 1,133; deaths, 820.
Do.....	July 14-27.....		374	
Mandalay.....	Mar. 17-Apr. 20.....		52	
Moulmein.....	Mar. 24-June 29.....		144	
Do.....	July 7-27.....		16	
Myingyan.....	Mar. 17-Apr. 14.....		10	
Pegu.....	Apr. 14-June 29.....		14	
Do.....	July 7-20.....		3	
Prome.....	Mar. 24-June 15.....		34	
Do.....	July 7-27.....		38	
Rangoon.....	Mar. 30-June 22.....	423	418	
Do.....	June 30-Aug. 3.....	145	140	
Toungoo.....	Mar. 24-Apr. 27.....		59	
Indo-China.....				Jan. 1-Feb. 28, 1918: Cases, 722; deaths, 534.
Anam.....	Jan. 1-Apr. 30.....	127	76	
Cambodia.....	do.....	290	278	
Cochin-China.....	do.....	227	121	May 29-June 8, 1918: Cases, 66; deaths, 30.
Cholon.....	May 30-June 8.....	12	6	
Saigon.....	Apr. 29-Aug. 25.....	72	42	
Kwang-Chow-Wan.....	Mar. 1-Apr. 30.....	63	38	
Laos.....	Feb. 1-28.....	4	2	
Tonkin.....	Mar. 1-Apr. 30.....	21	19	
Java:				
East Java.....				Jan. 15-Apr. 22, 1918: Cases, 328; deaths, 226.
Residencies—				
Djocjakarta.....	Jan. 15-Apr. 8.....	3	34	
Kediri.....	do.....	13	10	
Madioen.....	do.....	30	30	
Samarang.....	do.....	82	81	
Surabaya.....	do.....	97	97	June 11-24, 1918: Cases, 21; deaths, 21. June 25-Aug. 26; 1918: Cases, 29; deaths, 29.
Surakarta.....	do.....	12	12	
Mid-Java.....	July 11-17.....	10	10	
Samarang.....	Aug. 15-21.....	19	19	
West Java.....				Aug. 17-28, 1918: Cases, 73; deaths, 46.
Batavia.....	Aug. 17-28.....	49	25	

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

**Reports Received from June 29 to Nov. 1, 1918—Continued.**

**PLAGUE—Continued.**

Place.	Date.	Cases.	Deaths.	Remarks.
Mesopotamia:				
Amara.....	May 21-27.....			Present.
Bassora.....	do.....			Do.
Peru:				Jan. 1-June 30, 1917: Cases, 245; deaths, 122. July 1-Dec. 31, 1917: Cases, 160; deaths, 89. For distribution according to departments, see Public Health Reports, July 26, 1918, p. 1261. Apr. 1-May 31, 1918: Cases, 71.
Departments--				
Ancachs.....	Apr. 1-15.....	1		
Cajamarca.....	Apr. 16-May 31.....	7		
Lambayeque.....	do.....	8		
Libertad.....	Apr. 1-May 31.....	40		
Lima.....	do.....	6		
Piura.....	do.....	9		
Rhodesia.....				Aug. 30, 1918: Present in northern Rhodesia.
Siam:				
Bangkok.....	May 10-June 20.....	82	62	
Do.....	July 2-Aug. 31.....	43	35	
Straits Settlements:				
Penang.....	June 2-29.....	6	6	
Do.....	June 30-Aug. 17.....	8	7	
Singapore.....	Apr. 2-June 22.....	61	53	
Do.....	June 30-Aug. 17.....	9	6	
On vessel:				
S. S. Hector.....	Aug. 10-21.....			At Gravesend, Port of London. 6 members of crew.
S. S. Moora.....	Aug. 31.....	3	2	At Dundee, Scotland, from Calcutta. One of cases pneumonic.
S. S. Somali.....	May 19.....	3	1	At Gravesend, England, from Bombay. Further case developed June 2 in member of crew at Rochester, England.
S. S. Sunning.....			1	Local steamer at Shanghai; reported Aug. 14, 1918.

**SMALLPOX.**

Algeria:				
Algiers.....	May 1-June 30.....	121	34	
Do.....	July 1-31.....	1		
Brazil:				
Bahia.....	May 5-June 22.....	2		
Rio de Janeiro.....	May 5-June 29.....	30	4	
Do.....	June 30-Aug. 3.....	80	17	
Santos.....	Apr. 22-23.....		1	
British East Africa:				
Mombasa.....	Jan. 1-June 30.....		5	
Canada:				
British Columbia--				
Victoria.....	June 23-29.....	4		
Do.....	July 7-Aug. 3.....	2		
Manitoba--				
Winnipeg.....	June 9-22.....	5		
Do.....	July 7-20.....	4		
New Brunswick--				
Moncton.....	June 16-22.....	2		
Do.....	July 7-13.....	4		
Nova Scotia--				
Halifax.....	June 22-28.....	10		
Do.....	June 30-Oct. 12.....	97		
Sydney.....	June 30-Aug. 31.....	3		
Ontario.....				
Gloucester.....	Aug. 1-31.....	1		
Nipissing district.....	do.....	5	1	June 1-30, 1918: Cases, 15. July 1-31, 1918: Cases, 28. In Indian settlement.
Ottawa.....	do.....	8		
Wallaceburg.....	do.....	2		
Windsor.....	July 21-27.....	1		
Prince Edward Island--				
Summerside.....	July 9-15.....	1		
Quebec--				
Montreal.....	July 7-13.....	1		
Canal Zone:				
Colon.....	Sept. 22-28.....	1		
Panama.....	Aug. 12-Sept. 28.....	80		
Ceylon:				
Colombo.....	Mar. 22-June 29.....	30	2	
Do.....	June 30-July 27.....	8	2	

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

Reports Received from June 29 to Nov. 1, 1918—Continued.

## SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
China:				
Amoy.....	Apr. 1-June 29.....			Present.
Do.....	June 30-Sept. 1.....			Do.
Antung.....	May 20-Aug. 4.....	7	1	
Chungking.....	May 12-June 20.....			Do.
Do.....	July 21-Aug. 24.....			Do.
Dairen.....	May 7-July 1.....	51	10	
Do.....	July 2-15.....	6	1	
Foochow.....	Aug. 18-24.....			Do.
Hailar Station.....	Feb. 12-18.....	2		Chinese Eastern Ry.
Harbin.....	Mar. 20-June 3.....	4		Do.
Do.....	July 1-7.....	2		Do.
Manchuria Station.....	Feb. 19-June 9.....	5		Do.
Hongkong.....	Apr. 6-June 8.....	19	2	
Do.....	July 23-Aug. 3.....	1		
Nanking.....	June 16-22.....			Present.
Do.....	June 30-Aug. 31.....			Do.
Shanghai.....	Apr. 21-June 2.....	3		
Tientsin.....	May 19-June 15.....	10		
Tsingtau.....	May 6-June 20.....	23	1	
Do.....	July 1-14.....	4		
Chosen (Korea):				
Chemulpo.....	July 1-31.....	2	1	
Colombia:				
Barranquilla.....	July 14-Aug. 31.....	3	1	
Cartagena.....	May 21-July 1.....		2	
Do.....	July 3-Aug. 19.....		2	
Denmark:				
Copenhagen.....	June 16-22.....	13		
Do.....	July 29-Sept. 7.....	9		
Ecuador:				
Guayaquil.....	Apr. 1-30.....	2		
Egypt:				
Alexandria.....	May 7-13.....	1		
France:				
La Rochelle.....	June 2-8.....	1	1	
Paris.....	Apr. 21-June 29.....	14	3	
Do.....	June 30-Aug. 31.....	18	3	
Rouen.....	May 12-June 15.....	6		Including varioloid.
Germany.....				Mar. 24-June 1, 1918; Cases, 29.
Great Britain:				
Liverpool.....	June 9-15.....	1		From vessel.
Greece:				
Kalamata.....	June 26.....			Present.
India:				
Bombay.....	Mar. 21-June 15.....	1,122	553	
Calcutta.....	Apr. 14-June 29.....		246	
Do.....	June 30-July 20.....		48	
Karachi.....	Apr. 6-June 29.....	206	149	
Do.....	June 30-July 13.....	2	2	
Madras.....	Mar. 21-June 15.....	77	27	
Do.....	June 30-July 27.....	68	24	Mar. 17-May 4, 1918: Cases, 77;
Rangoon.....	Mar. 31-June 22.....	81	35	deaths, 33.
Do.....	June 30-Aug. 3.....	4	2	
Indo-China:				
Anam.....	Jan. 1-Apr. 30.....	1,253	149	Jan. 1-Apr. 30, 1918: Cases, 4,043;
Cambodia.....	do.....	1,173	48	deaths, 888.
Cochin-China.....	do.....	1,967	697	May 20-June 16, 1918: Cases, 67;
Cholon.....	May 20-June 16.....			deaths, 24.
Saigon.....	July 30-Aug. 25.....	31	4	
Kwang-Chow-Wan.....	Feb. 1-Apr. 30.....	122	68	
Laos.....	Jan. 1-Feb. 28.....	8	1	
Tonkin.....	Jan. 1-Apr. 30.....	514	55	
Italy:				
Genoa.....	June 14-30.....	19	5	
Do.....	July 2-Aug. 15.....	30	7	
Mezzojuso.....	May 29.....			Many cases. Province of Paler-
Milan.....				mo, Sicily.
Palermo.....	May 30-June 5.....	1		In April, 1918: Cases, 2. May 1-
Turin.....	Apr. 15-June 9.....	16	1	31, 1918: Cases, 54.
Japan:				
Kobe.....	Aug. 18-31.....	2	2	
Nagasaki.....	May 2-June 30.....	14	2	
Do.....	July 3-21.....	1	1	
Tathoku.....	May 21-July 1.....	18	9	Island of Formosa.
Do.....	July 2-Sept. 2.....	4	2	
Tokyo.....	May 3-June 23.....	24	3	Feb. 14-Mar. 13, 1918: Cases, 15.

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

## Reports Received from June 29 to Nov. 1, 1918—Continued.

### SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Java:				
East Java.....				Feb. 12-Apr. 22, 1918: Case, 26; deaths, 4.
Surabaya.....	Feb. 21-June 24.....	10	3	
Do.....	June 25-Aug. 31.....	47		
Mid-Java.....				
West Java.....				
Batavia.....	Feb. 2-June 27.....	108	50	Feb. 14-June 26, 1918: Cases, 114; deaths, 3. June 27-Aug. 31, 1918: Cases, 92; deaths, 4. Feb. 22-June 27, 1918: Cases, 403; deaths, 148. June 28-Aug. 7, 1918: Cases, 411; deaths, 147.
Do.....	June 28-Aug. 7.....	112	87	
Mesopotamia:				
Bagdad.....	Mar. 6-June 28.....	47	7	
Do.....	June 30-July 12.....	3		
Mexico:				
Aguascalientes.....	June 10-16.....		1	
Guadaluajara.....	June 1-30.....	3		
Do.....	Ju'y 1-31.....	1		
Mazatlan.....	June 5-25.....		2	
Do.....	Ju'y 3-Aug. 6.....		3	
Mexico City.....	May 19-June 22.....	78		
Do.....	June 30-Sept. 21.....	32		
Vera Cruz.....	Sept. 16-22.....	3		
Newfoundland:				
Bay Roberts.....	Aug. 23-Sept. 13.....	8		
Bell Island.....	Sept. 21.....	1		
Carmanville.....	Aug. 31-Sept. 6.....	2		
Colliers.....	Aug. 31-Oct. 11.....	12		
East Wabana.....	Aug. 23-30.....	1		
Greenspond.....	Sept. 21.....	2		
Keels.....	Oct. 5-11.....	4		
Musgrave Harbor.....	Sept. 21.....	1		
St. Johns.....	Sept. 23-Oct. 11.....	2		
Shearstown.....	Sept. 21.....	2		
Spaniards Bay.....	Oct. 5-11.....	1		
Trout River.....	Sept. 21.....	2		
Wabana.....	Aug. 31-Sept. 6.....	18		
Wadhams.....	Sept. 7-13.....	7		
Philippine Islands:				
Manila.....	Apr. 8-June 29.....	884	616	Varioloid: Cases, 178; 1 death. Varioloid: Cases, 11; 1 death.
Do.....	June 30-Sept. 7.....	122	95	
Portugal:				
Lisbon.....	Feb. 24-June 29.....	97		
Do.....	June 30-Sept. 14.....	228		
Russia:				
Archangel (government).....	June 1-30.....	60		
Lithuania.....	Mar. 3-May 4.....	88	3	
Vladivostok.....	June 15-30.....	8	2	
Siam:				
Bangkok.....	May 11-June 29.....	9	3	
Do.....	July 14-Aug. 17.....	2	3	
Siberia:				
Vladivostok.....	May 1-June 15.....	31	5	
Spain:				
Coruna.....	Apr. 28-June 30.....	1	1	
Do.....	Ju'y 15-Aug. 11.....		2	
Ma'aga.....	Dec. 1-31.....		20	
Do.....	Jan. 1-31.....		16	
Seville.....	Apr. 1-May 31.....		2	
Do.....	Ju'y 1-31.....		4	
Valencia.....	Aug. 11-31.....	5		
Straits Settlements:				
Penang.....	May 5-11.....	2		
Sweden:				
Stockholm.....	June 9-15.....	10		
Tunisia:				
Tunis.....	July 20-Aug. 23.....		2	
Union of South Africa:				
Cape Town.....	July 20-Aug. 2.....	1		From overseas, in a Nigerian soldier. 1 case. At Liverpool, England.
Johannesburg.....	Feb. 1-Apr. 30.....	37		
On vessel.....				

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

Reports Received from June 29 to Nov. 1, 1918—Continued.

## TYPHUS FEVER.

Place.	Date.	Cases.	Deaths.	Remarks.
Argentina: Rosario.....	Apr. 1-May 31.....		2	
Austria-Hungary: Hungary.....				Feb. 25-Apr. 28, 1918: Cases, 299;
Budapest.....	Feb. 25-Apr. 28.....	51	1	deaths, 9.
Brazil: Rio de Janeiro.....	May 26-June 8.....	2		
Do.....	July 7-13.....	1		
Canada: Ontario— Toronto.....	Sept. 1-7.....	1		
China: Antung.....	May 20-June 9.....	4		
Do.....	July 8-Sept. 15.....	9	4	
Changsha.....	May 11-17.....	2	1	
Harbin.....	Jan. 1-June 16.....	37		On Chinese Eastern Ry.
Do.....	July 1-7.....	1		
Manchuria Station.....	Jan. 15-June 30.....	41		Do.
Do.....	July 1-14.....	3		
Pogranitchnaya.....	May 20-June 16.....	4		
Shanghai.....	May 5-11.....		1	
Do.....	July 14-20.....	1		
Chosen (Korea): Seoul.....	June 1-30.....	17	4	
Do.....	July 1-31.....	4	2	
Colombia: Barranquilla.....	Aug. 25-Sept. 7.....		2	
Egypt: Alexandria.....	May 7-July 1.....	1,962	321	
Do.....	July 2-Sept. 2.....	425	113	
Germany.....				Apr. 14-May 11, 1918: Cases, 54;
Great Britain: Belfast.....	May 26-June 1.....	1		deaths, 4. In addition, 101
Edinburgh.....	June 9-15.....		1	cases among prisoners of war,
Glasgow.....	May 19-June 29.....	13	5	of which 99 in Königsberg and
Do.....	July 21-Aug. 3.....	3		1 in Oppelin, and 3 cases among
Greece: Athens.....	Apr. 14-May 13.....		5	the repatriated from Volhynia,
Janina.....	Aug. 29.....	15		Russia.
Saloniki.....	Apr. 28-June 29.....		36	And in vicinity.
Do.....	June 30-Sept. 7.....		60	
Italy: Corato.....	May 6-June 2.....	4		Province of Bari.
Do.....	Aug. 18-24.....	2		
Moneta.....	May 6-June 9.....	25		Do.
Naples.....	Apr. 20-May 5.....	1		
Japan: Kobe.....	July 7-Aug. 3.....	10	5	
Nagasaki.....	May 27-June 23.....	1	1	
Do.....	July 3-Sept. 15.....	13	4	
Tokyo.....	June 24-July 7.....	1		
Java: East Java.....				Feb. 12-Apr. 8, 1918: Cases, 29;
Surabaya.....	Feb. 12-Apr. 8.....	22	6	deaths, 8.
Mid-Java.....				Feb. 14-May 22, 1918: Cases, 32;
Samarang.....	Feb. 21-May 22.....	10	2	deaths, 4.
West Java.....				Feb. 28-June 6, 1918: Cases, 89;
Batavia.....	Feb. 28-June 6.....	61	15	deaths, 18.
Mesopotamia: Bagdad.....	Mar. 29-June 7.....	101		
Do.....	June 30-July 12.....	5		
Mexico: Agascalientes.....	July 8-11.....		1	
Chihuahua, State—Parral.....	July 10.....		2	Epidemic: Reported present
Guadalajara.....	June 1-30.....	5	2	from about June 15, 1918.
Do.....	July 1-31.....	5	2	
Mexico City.....	May 19-June 22.....	186		
Do.....	June 30-Sept. 21.....	400		
Portugal: Lisbon.....	Feb. 24-May 25.....	5		
Siberia: Vladivostok.....	May 1-June 15.....	16	2	

**CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.****Reports Received from June 29 to Nov. 1, 1918—Continued.****TYPHUS FEVER—Continued.**

Place.	Date.	Cases.	Deaths.	Remarks.
Russia:				
Lithuania.....				Mar. 3-May 4, 1918: Cases, 2,514; deaths, 100.
Poland.....				Mar. 10-May 18, 1918: Cases, 8,503; deaths, 766.
Lodz.....	Mar. 10-May 18....	470	79	
Warsaw.....	Mar. 10-Apr. 27....	2,428	376	
Spain:				
Cadiz.....	Aug. 1-31.....		1	
Almeria.....	Apr. 1-30.....	1		
Sweden:				
Stockholm.....	Aug. 11-17.....	1		
Tunisia:				
Tunis.....	May 18-June 28....	10	3	
Do.....	June 29-July 26....	5	2	
Union of South Africa:				
Cape of Good Hope, State.....				Sept. 10, 1914-Apr. 21, 1918: Cases, 4,687 (European, 34); deaths, 939 (European, 25). June 2-15, 1918: Present in interior towns among natives.
Do.....				July 8-Aug. 3, 1918: Present in interior towns, Port Elizabeth district.
Port Elizabeth.....	Aug. 11-17.....	1		Present in district among natives, Aug. 11-Sept. 3, 1918.
Natal.....				Dec. 1, 1917-Apr. 21, 1918: Cases, 50; deaths, 11.

**YELLOW FEVER.**

Brazil:				
Bahia.....	Apr. 27-June 29....	27	9	
Do.....	June 30-July 6....	4	2	
Pernambuco.....	June 1-15.....		1	
Do.....	Oct. 17.....			Present.
Ecuador:				
Guayaquil.....	Apr. 1-June 30....	74	39	
Do.....	July 1-Sept. 15....	76	37	And vicinity. Feb. 16-28, 1918: Cases, 2.
Naranjal.....	Apr. 1-June 30....	2	1	
Do.....	Aug. 1-31.....	1	1	
Punta de Piedra.....	do.....	1		
Vinces.....	do.....	1		
Guatemala:				
San Jose.....	To Sept. 27.....		14	Oct. 2, 1918, present.