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## MAKE DAYLIGHT SAVING CONTRIBUTE TO HEALTH.

Now that daylight saving has again added an hour of daylight to the late afternoon, health officers everywhere should endeavor to make this contribute to general health and welfare by impressing on the people the desirability of spending the extra hour in the open air. In many instances part of the time might well be spent in walking home from work rather than riding in crowded street cars. The suburbanite may find health and pleasure by cultivating a patch of garden. Even the tenement dweller of the large cities may profit by spending some of his leisure time in the parks or, where this is not feasible, on the roof of his house. In some communities organized hiking has been conducted successfully and has contributed largely to the promotion of outdoor life.

## LEARN TO ENJOY OUTDOOR LIFE.

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### DELOUSING.

#### METHODS USED BY QUARANTINE OFFICERS OF THE PUBLIC HEALTH SERVICE.

In connection with the interesting article on trench fever, published on another page of this report, and especially in view of the prevalence of typhus fever in various parts of Europe, it may not be amiss to describe briefly the delousing procedures ordinarily carried on by the quarantine officers of the United States Public Health Service. The procedure here described was carried out with success in dealing with the threatened introduction of typhus at El Paso in the winter and spring of 1916-1917 and is still being successfully employed there.

All persons coming to El Paso from Mexico who are considered as likely to be vermin infested are sent through this plant for disinfection.

The men and women are separated, men entering one side of the building and women and small children the other. In suitable rooms all clothing is removed and pushed through an opening in the wall into the disinfecting room, where the bundles are placed in

the steam-chamber carriage run out to receive them. Shoes, hats, belts, and other articles injured by steam are dropped through another opening into a large laundry basket and, when necessary, are exposed to cyanogen.

Persons having money or valuables place such articles in a small cotton bag tied with a string and having a numbered brass check attached. The duplicate number of this check, attached to a card, is given to the owner, who puts it around his neck while bathing.

After all clothing has been removed and passed into the disinfecting room the naked person passes in front of a male or female attendant, as the sex requires, before entering the baths. This attendant examines the head to see if lice are present. If head lice are found, the hair of the men and boys is clipped with No. 00 clippers, the hair dropping onto a newspaper, which is then rolled up and burned. Women with head lice have a mixture of equal parts of kerosene and vinegar applied to the head and hair for half an hour with a towel covering the head. The dilute acetic acid loosens the eggs from the hair and the kerosene kills or stupefies the adult lice, which are removed by washing the head and hair with warm water and soap. If necessary, the process is repeated to dislodge all eggs or nits.

After being passed by the attendant a soap mixture is sprayed upon the body from an elevated reservoir and the person proceeds to the baths. The soap container is a 5-gallon can with a spout in the bottom to which rubber tubing is attached, a clip similar to that on a fountain syringe controlling the spray. The soap is made by boiling 1 part of soap chips in 4 parts of water and then adding 2 parts of kerosene oil. This jellies when cold, and 1 part of this soap jelly is added to 4 parts of warm water, making a good liquid soap at a very small cost.

The attendant watches the bathing process, and when the bath is finished the persons being treated pass into other rooms and wait for their clothing, which is handed back to them from the "clean end" of the steam chamber. No identification checks are placed on the clothing bundles; each person picks out his own bundle.

When the clothes in bundles are passed into the disinfecting room, they are at once placed in the carriage of the steam chamber, and as soon as this is filled the chamber is closed. A vacuum of 10 to 15 inches is created in the chamber, and live steam is then introduced until the pressure gauge shows 20 pounds, which gives a temperature of 259° F. This is maintained for 10 minutes to insure penetration of all bundles, after which time the chamber is opened.

The creation of a second vacuum of 10 inches and holding it for 10 minutes will dry the clothes completely, but in the dry climate of El Paso this is unnecessary.

After the persons are dressed they pass into another room, where they reclaim any bundles they may have had. They are inspected by the foreman in charge of the plant, and all are vaccinated.

The time required for sterilization of clothing is from 25 to 35 minutes, depending on the amount of clothing in the chamber. The effectiveness of this process was determined by wrapping a thermometer inside bundles of clothing placed in different parts of the chamber load, top, bottom, middle, and ends, until the operator learned from such tests exactly how long to expose the clothing. Lice and their eggs are killed by a very short exposure to 212° F., but the higher temperature is easily obtained and is held to insure efficiency.

In connection with this subject the Public Health Service has recently issued the following interesting and instructive reprints which deal with effective methods of killing lice. Copies of these publications may be obtained free of charge by writing to the United States Public Health Service, Washington, D. C.

293. Methods of Destroying Lice. Extract from a report in the British Medical Journal. August 6, 1915.

370. Destroying Lice on Typhus Fever Suspects. By S. B. Grubbs. October 20, 1916.

489. Carbon Tetrachloride Vapor as a Delousing Agent. By M. H. Foster. October 25, 1918.

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## TRENCH FEVER: A SUMMARY FROM THE LITERATURE.

By MAURICE BUCHHOLTZ, Acting Assistant Surgeon, United States Public Health Service.

### Definition.

Trench fever is a blood infection communicable from man to man by means of the louse and possibly other parasites. There are no pathognomonic signs or symptoms recognized. It is not fatal, but the morbidity resulting from it exceeded that from any other disease on the Western Front. Many are permanently unable to resume their former duties, and some pass back to civil life incapacitated—a charge on the State. The disease may arise and spread wherever the body louse is prevalent, provided persons already infected are sent there from endemic areas.

### Symptoms.

The onset of the disease is usually sudden, but in some cases a gradual onset is observed. The disease is characterized by recurrent pyrexia, headache, giddiness, pain in the back and limbs (chiefly in the legs, and of considerable severity), a slow pulse in comparison to the degree of fever, conjunctival congestion, sweating, polyuria, a moderate degree of leucocytosis at the height of the fever, with evidence of blood infection and involvement of the spleen and, in

some of the cases, of the liver also. A certain number of the patients pass into a stage of chronic ill-health, that is, they suffer from recurrent pains in the limbs, headache, and nervous manifestations such as mental depression, excessive tendency to sweating, disordered action of the heart, mild degree of anemia, and some loss of weight. Damp weather produces exacerbation of the pains in the late stages of the disease. The infection, in some cases, is very persistent, and acute febrile relapses may occur after months of quiescence.

Prodromal symptoms in the cases of gradual onset have been noted in the following order of frequency: Pain in the head, pain all over, weakness, pain in the legs, malaise, and dyspnoea. The prodromal period lasts for two days or longer, the severity of the symptoms gradually increasing during the first few days. In a relapse the symptoms are often more severe than in the initial attack.

The headache associated with trench fever is usually frontal in character and behind the eyes, but may be bitemporal or occipital. It is most severe, persistent, commonly recurrent, and is not associated with tenderness of the scalp. When occipital it is often accompanied by stiffness in the back of the neck. The pain in the limbs is either (a) dull aching or gnawing, more or less continuous, always worse at night, or (b) acute pain, shooting or stabbing in character, which may last many hours, especially at night. The pain is nearly always felt in the bones and most frequently in the tibia.

After a few days the general pains subside and localized pain becomes prominent. This is usually symmetrical, varying from day to day. The joints may be painful and stiff, but there is no swelling. Sometimes the pain in the right iliac region is so severe as to give rise to the diagnosis of appendicitis. The spleen is palpable two fingers breadth below the costal margin. In a number of the cases there is alternately shivering and sweating, which occurs several times in the course of a single day or night. Another symptom is frequent micturition, not painful but associated with a great increase of urine. Polyuria occurs as the temperature falls; the pulse is slow; affections of the respiratory tract are usually conspicuous by their absence. Areas of tenderness are frequently associated with the pains and may involve all the structures from the skin down. During an acute attack the patient's general condition obviously deteriorates and he presents an appearance of exhaustion. In addition to this he becomes anemic and steadily loses weight.

For a period varying from a few days to about a fortnight from the onset of the disease the acuteness of the patient's pain persists, especially in portions of his limbs; and walking increases the pain. If a recurrence set in, even though quite late, the recurrence may be more severe than the original attack.

Two clinical types have been observed. In one there is a short evanescent fever lasting from a few days to a week and frequently followed after a few days of apyrexia by a single short relapse. In the other there is a series of febrile relapses, interrupted by periods of apyrexia.

#### Pathological Changes.

Although the mode of transmission has now been well established, the causative organism remains to be found. So far as the blood is concerned, there is evidence of abnormal activity of bone marrow. A moderate and rapidly varying leucocytosis precedes and accompanies the fever waves. In afebrile intervals the mononuclear elements are relatively increased. The urine usually shows a trace of albumin; a true nephritis, however, is rare. With the fall of temperature the amount of urine increases.

#### Differential Diagnosis.

The most important disease from which trench fever must be differentiated is influenza. The two diseases have in common the sudden onset, with fever and generalized pains. In trench fever the prostration, however, is usually less than it is in influenza, and there are no signs of inflammation of the respiratory tract, while in influenza the shin pains and relapsing type of fever are absent.

#### Prognosis.

About 90 per cent of all cases respond quickly to the ordinary symptomatic treatment and return to duty in a few weeks. In the remaining 10 per cent the disease pursues a more obstinate course and the average duration of disability is from five to six months. In the chronic cases the patient's weight is the best guide to prognosis. As recovery takes place the weight steadily increases.

#### Sequelæ.

Chief among the sequelæ of trench fever are disordered action of the heart (the so-called irritable heart of soldiers), neurasthenia, and myalgia or "rheumatism."

The first-mentioned is characterized by breathlessness on exertion, palpitation of the heart, pain over the precordium, and giddiness. Although the heart is not enlarged and the sounds are normal, the patient is markedly exhausted. The condition ultimately may lead to neurasthenia.

The clinical phenomena of disordered action of the heart embrace profuse sweating, flushing, headache, throbbing of the vessels of the neck, tremulousness, and, in some cases, discomfort in the throat and chest. These phenomena have been attributed to hyperthyroidism;

but the administration of thyroid extract by no means tends to exaggerate the symptoms of disordered action of the heart; on the contrary it causes definite relief.

**The Transmission of Trench Fever: Summary of Evidence From Experimental Work.**

1. The whole blood from febrile cases of trench fever up to the 51st day of the disease, when injected intravenously, is capable of producing the disease. The incubation period in such infections varies greatly—from 5 to 20 days.

2. The virus as contained in the circulating blood is destroyed by the addition of distilled water in large quantities.

3. The bites alone of infective lice appear not to produce trench fever.

4. The excreta of infective lice when applied to a broken surface of skin do readily produce trench fever. The incubation period of such infections is fairly constant and averages 8 days.

5. The excreta passed by lice fed on trench fever patients are not infective until the expiration of not less than 7 days from the commencement of the feeding on trench fever blood, thus indicating either a developmental cycle in the louse or a period during which the organism multiplies.

6. Once lice are infective they remain so until at least the 23d day from the date of their infection.

7. The virus of trench fever, as contained in infected louse excreta, is capable of withstanding drying at room temperature, exposure to sunlight, keeping for not less than 16 days, and heating to 56° C. for 20 minutes.

8. A temperature of 80° C. for 10 minutes destroys the virus—a fact which indicates that it is not a spore-bearing organism.

9. The bodies of infected lice when crushed on the broken skin are capable of producing trench fever.

10. Active trench fever blood equivalent to the content of 11 lice does not produce trench fever when rubbed into the broken skin.

11. Infection probably does not take place by the mouth or inhalation.

12. The excreta of lice are not normally capable of producing trench fever.

13. Trench fever infected lice do not transmit the disease to their offspring.

14. Some attacks of trench fever may be afebrile throughout.

15. The percentage of individuals naturally immune to trench fever is exceedingly small.

16. Old age is no bar to infection.

17. Such immunity as results from an attack of trench fever is not permanent and may persist only so long as the individual shows evidence of the disease.

18. Even as late as the 79th day of the disease a patient's blood may remain infective and be capable of infecting lice fed on such a patient while febrile.

19. The different varieties of trench fever result from differences in persons infected rather than from differences in the sources of infection.

#### Prophylaxis.

From what has been said it is clear that prophylactic measures must concern themselves chiefly with the delousing of infested persons. In addition to this, the application to the underclothing of a mixture compound of crude naphthalene, 4 parts, and soft soap, 1 part, is recommended.

Lousy clothing should be disinfested by heat or other effective procedure. Billets, dugouts, and like places should be fumigated with sulphur dioxide or hydrocyanic acid gas in order to kill the lice.

#### Treatment.

Rest, combined with moderate exercise, and thyroid therapy (not specific treatment) reduces the incidence of disordered action of the heart, provided the treatment is begun early enough. Aside from this, the treatment is purely symptomatic.

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### LETHARGIC ENCEPHALITIS.

Following the announcement in the Public Health Reports for February 21 concerning the reported prevalence of so-called "lethargic encephalitis" in various parts of Europe, it was perhaps to be expected that cases of this disease would shortly be reported from various parts of this country. Such, indeed, has been the case. In general, the diagnosis appears to have been based largely on the condition of stupor and there is, of course, no means whatever of determining whether or not the cases reported are identical with those observed in Europe. From the meager information at present available, a considerable number appear to have followed an attack of influenza, but this is hardly surprising in view of the widespread prevalence of that disease during the past six months.

As a matter of record, and without thereby expressing any opinion as to the nature of the condition termed "encephalitis lethargica," we give herewith a summary of the cases officially notified to the Public Health Service.

Locality.	Period.	Cases.	Deaths.
Alabama:			
Montgomery.....	Week ended Mar. 29...	1	
Connecticut:			
New Britain.....	Week ended Mar. 22...	1	
Georgia:			
Brunswick.....	Week ended Mar. 29.....	1	
Macon.....	Mar. 27.....	2	
Souther Field.....	Week ended Mar. 22.....	1	
Illinois:			
Alton.....	Week ended Mar. 15.....	1	
Breese.....	do.....	1	
Cairo.....	Week ended Mar. 22.....	1	
Chicago.....	Week ended Mar. 15.....	28	
Do.....	Week ended Mar. 22.....	13	
Do.....	Week ended Mar. 29.....	3	
Evanston.....	Week ended Mar. 15.....	3	
Glencoe.....	do.....	1	
Harvey.....	Week ended Mar. 29.....	1	
Kansas.....	Week ended Mar. 22.....	1	
Marseilles.....	Week ended Mar. 15.....	1	
Martinsville.....	do.....	1	
Middletown.....	Week ended Mar. 22.....	2	
Do.....	Week ended Mar. 29.....	1	
North Chicago.....	do.....	1	
Olney.....	Week ended Mar. 15.....	1	
Paxton.....	do.....	1	
Quincy.....	do.....	1	
Do.....	Week ended Mar. 22.....	1	
Springfield.....	Week ended Mar. 15.....	1	
Tallula.....	do.....	1	
Wilmette.....	do.....	2	
Bowling Township (Brown County).....	Week ended Mar. 22.....	1	
Dorchester Township (Macoupin County).....	do.....	1	
Versailles Township (Brown County).....	Week ended Mar. 15.....	1	
Iowa:			
Des Moines.....	Mar. 11.....		1
State at large.....	do.....	3	
Kentucky:			
Louisville.....	Mar. 25.....	1	
Louisiana:			
Caddo Parish.....	To Mar. 29.....	1	
Grant Parish.....	do.....	1	
Iberia Parish.....	do.....	1	
Lafourche Parish.....	do.....	1	
Livingston Parish.....	do.....	1	
Orleans Parish.....	do.....	3	
Richland Parish.....	do.....	2	
St. Martin Parish.....	do.....	2	
Tangipahoa Parish.....	do.....	2	
Massachusetts:			
Boston.....	Week ended Mar. 22.....	1	1
Brockton.....	Week ended Mar. 15.....		1
New Hampshire:			
Berlin.....	Mar. 25.....	1	
New Jersey:			
Jersey City.....	Week ended Mar. 29.....	1	
New York:			
Albany.....	To Mar 27.....	15-20	
New York.....	do.....	25-30	
Ogdensburg.....	do.....	16	4
North Carolina:			
Wilmington Civil Sanitary District.....	do.....	4	
Brunswick County.....	To Mar. 29.....	9	
Ohio:			
Sandusky.....	Week ended Mar. 22.....	1	1
South Carolina:			
Charleston.....	Mar. 20.....	1	
Johnsonville (Williamsburg County).....	Week ended Mar. 15.....	1	
Latta (Dillon County).....	do.....	1	
Tennessee:			
Memphis.....	Mar. 24.....	4	1
Texas:			
Galveston.....	To Mar. 29.....	2	1
Virginia:			
Imported from North Carolina.....	Mar. 1-15.....	2	
Petersburg.....	do.....	2	
Richmond.....	Week ended Mar. 15.....	2	2
Accomac County.....	Week ended Mar. 22.....	1	
Albemarle County.....	do.....	4	
Amelia County.....	do.....	1	
Do.....	Mar. 1-15.....	1	
Augusta County.....	Week ended Mar. 22.....	1	
Dinwiddie County.....	do.....	1	
Fluvanna County.....	Mar. 1-15.....	1	
Franklin County.....	Week ended Mar. 22.....	1	
Halifax County.....	do.....	1	



Locality.	Period.	Cases.	Deaths.
<b>Virginia—Continued.</b>			
Lee County.....	Mar. 1-15.....	1	.....
Loudoun County.....	Week ended Mar. 22.....	1	.....
Mecklenburg County.....	Mar. 1-15.....	1	.....
Middlesex County.....	do.....	1	.....
Norfolk County.....	Week ended Mar. 22.....	1	.....
Nottoway County.....	Mar. 1-15.....	1	.....
Suffolk.....	do.....	1	.....

### MAKE LETHARGIC ENCEPHALITIS REPORTABLE.

Following the publication in a recent number of the Public Health Reports of the statement that lethargic encephalitis had been made a reportable disease in England, a number of State health officers have inquired whether such a procedure might not be desirable in this country. Despite the uncertainty which still prevails as to the nature of so-called "lethargic encephalitis," the Public Health Service believes that much valuable information can be obtained by requiring physicians to report all cases suspected of being this condition.

The State of California has already taken the lead in this matter and has included lethargic encephalitis among the reportable diseases.

### THIRD WAVE OF INFLUENZA HITS ENGLAND.

According to official advices from England there has been another recrudescence of influenza in many parts of that country, so that the disease continues to be a matter of grave concern to the sanitary authorities.

Two well-marked waves of influenza have swept over England in the past few months and the country is now in the midst of a third. That the condition is serious is shown by the following official table, which gives the number of deaths from influenza in 96 large cities in England and Wales, each of which had a population of 50,000 or over at the census of 1911. The total population is thus estimated as somewhat over sixteen and one-half millions in 1918. Newspaper cable advices dated March 28 indicate that this third wave has continued with great severity.

*Deaths from influenza in 96 large cities of England and Wales, Dec. 1, 1918, to Mar. 1, 1919, by weeks.*

Week ended—	Number of deaths.	Week ended—	Number of deaths.
1918.		1919.	
Dec. 7.....	3,574	Jan. 18.....	274
Dec. 14.....	1,885	Jan. 25.....	224
Dec. 21.....	1,015	Feb. 1.....	272
Dec. 28.....	581	Feb. 8.....	605
		Feb. 15.....	1,364
1919.		Feb. 22.....	3,051
Jan. 4.....	442	Mar. 1.....	3,889
Jan. 11.....	379		

In this connection it is of interest to observe the waves of the epidemic as they occurred in this country since the first week in September, the beginning of the first wave. The figures here given relate to 35 cities from which approximately complete statistics were available. The total estimated population thus represented was estimated at about 20,000,000 in 1918.

Owing to the large territory included in these reports, the waves do not appear as marked as they actually were in the individual sections of the country. Nevertheless, one can trace here a very high wave with a sharp crest about the end of October, followed by two somewhat lower waves, one with its crest about the third week in December, the other in the fourth week in January.

*Deaths from influenza and pneumonia (all forms) in 35 cities of the United States from Sept. 8, 1918, to Mar. 22, 1919, by weeks. (Population about 20,000,000.)*

Week ended—	Number of deaths.	Week ended—	Number of deaths.
1918.		1919.	
Sept. 14.....	286	Jan. 4.....	3,098
Sept. 21.....	586	Jan. 11.....	3,230
Sept. 28.....	1,671	Jan. 18.....	3,509
Oct. 5.....	4,530	Jan. 25.....	3,664
Oct. 12.....	10,644	Feb. 1.....	3,212
Oct. 19.....	18,988	Feb. 8.....	2,531
Oct. 26.....	19,183	Feb. 15.....	2,303
Nov 2.....	13,877	Feb. 22.....	2,317
Nov 9.....	7,830	Mar. 1.....	2,382
Nov 16.....	4,548	Mar. 8.....	2,326
Nov 23.....	3,116	Mar. 15.....	2,304
Nov 30.....	2,767	Mar. 22.....	1,905
Dec 7.....	3,116		
Dec 14.....	3,936		
Dec 21.....	3,926		
Dec 28.....	3,462		

<sup>1</sup> Data incomplete.

### SUMMARY OF FEBRUARY REPORT OF THE DIVISION OF VENEREAL DISEASES, PUBLIC HEALTH SERVICE.

Some States and the District of Columbia have not complied with the provisions of the Chamberlain-Kahn Act by making the appropriation necessary to qualify them as beneficiaries under this act. The following is a list of those not qualifying and the appropriations required of them in order that they shall receive an equal amount from the Federal appropriation:

District of Columbia.....	\$3,599.66
Missouri.....	35,607.91
New Mexico.....	3,558.70
Pennsylvania.....	33,341.55
Tennessee.....	23,754.87

Reports to date show that legislation bearing on venereal disease control has been introduced in the following States:

Alabama.	Minnesota.	Rhode Island.
Arizona.	Missouri.	South Carolina.
Arkansas.	Nebraska.	Tennessee.
California.	Nevada.	Utah.
Connecticut.	New Jersey.	Vermont.
Delaware.	New York.	Washington.
Idaho.	North Carolina.	Maine.
Iowa.	Ohio.	New Hampshire.
Kansas.	North Dakota.	New Mexico.
Massachusetts.	Oklahoma.	Wisconsin.
Michigan.	Oregon.	Wyoming.

The following bills have been passed:

North Carolina: Vice repressive act, injunction and abatement act, venereal disease act.

Alabama: Injunction and abatement act, ouster law, venereal disease bar to marriage, State board of control.

Oregon: Venereal disease control act.

Oklahoma: Venereal disease control act.

South Carolina: Venereal disease control act.

New York: Venereal disease control act.

Arizona: State board of control.

Appropriation bills have been passed by the State legislatures of the following States, which makes these States eligible during the next fiscal year for their share of the Federal appropriation:

North Dakota . . . . .	\$12, 548. 48
Oregon . . . . .	25, 000. 00
South Carolina . . . . .	10, 000. 00
Wisconsin . . . . .	50, 000. 00
Wyoming . . . . .	4, 000. 00
West Virginia . . . . .	7, 000. 00

#### Excerpts From Report of Educational Activities, February, 1919.

Requests for publications received from health officers, physicians, hospitals, nurses, civic organizations, city officials, libraries, churches, editors, Y. M. C. A.'s, educators, and the like . . . . .	16, 718
Publications distributed . . . . .	793, 454
Publications purchased or reprinted by State boards of health . . . . .	473, 800
Number of lectures, exhibitions of films, addresses, and conferences (reports from the field not complete) . . . . .	223
Number of articles published in magazines . . . . .	5
Additional pledges of cooperation received from druggists . . . . .	2, 896
Additional pledges of cooperation received from physicians . . . . .	40, 000
Number of ministers agreeing during the month to cooperate in the Government's program in combating venereal diseases . . . . .	11, 821
Number of States equipped with full sets of venereal disease pamphlets . . . . .	31

The accompanying table covers the activities of only 48 clinics (including 27 detention homes in direct cooperation with the clinics, and 1 training school for girls) operated by, or in cooperation with,

the United States Public Health Service during the month of February. Reports from the remaining clinics had not been received at the time of the compilation of this report.

*Census of all patients under care of 48 of the clinics operated by, or in conjunction with, the U. S. Public Health Service, for the month of February, 1919.*

Clinics.	Total patients.	Remaining at last report.	New patients admitted.	Discharged.		Discontinuing treatment.		Died.	Remaining under treatment.		Average daily attendance.	Number of clinics, days.
				As noninfectious but not cured.	As probably cured.	With permission.	Without permission.		In clinics.	In institutions.		
Anniston, Ala. <sup>1</sup> .....	123	83	40	.....	8	13	19	.....	81	2	14.3	23
Arcadia, Fla. ....	15	2	13	.....	1	3	.....	.....	11	.....	8.0	12
Atlanta, Ga. <sup>1</sup> .....	1,850	1,602	248	14	68	35	50	.....	1,601	82	84.3	23
Augusta, Ga. <sup>1</sup> .....	230	182	48	.....	.....	8	36	.....	181	5	15.1	24
Chillicothe, Ohio <sup>1</sup> .....	46	30	16	.....	7	3	6	.....	19	11	7.4	24
Columbia, S. C. <sup>1</sup> .....	424	351	73	8	13	7	32	1	329	41	38.0	23
Charlotte, N. C. <sup>1</sup> .....	545	429	116	1	5	50	.....	.....	447	2	35.8	24
Council Bluffs, Iowa.....	47	33	14	4	2	2	6	.....	28	5	7.9	24
Davenport, Iowa.....	39	18	21	.....	.....	4	3	1	31	.....	8.1	25
Denver, Colo. ....	140	52	48	1	.....	4	6	.....	138	.....	23.9	16
Des Moines, Iowa <sup>1</sup> .....	301	260	41	8	22	8	18	1	227	17	45.3	24
El Paso, Tex. <sup>1</sup> .....	496	428	68	.....	46	12	6	.....	374	58	72.1	23
Evansville, Ind. ....	6	.....	6	.....	.....	.....	.....	.....	5	.....	1.7	6
Fort Worth, Tex. ....	269	194	75	.....	20	40	51	.....	158	.....	37.5	22
Galveston, Tex. ....	87	50	37	1	3	7	.....	.....	73	3	14.4	22
Greenville, S. C. <sup>1</sup> .....	275	202	73	.....	29	13	21	.....	185	27	43.5	24
Houston, Tex. <sup>1</sup> .....	862	680	182	17	74	16	2	.....	715	38	111.5	22
Indianapolis, Ind. ....	297	210	87	20	8	10	37	1	216	5	66.1	16
Ithaca, N. Y. ....	25	.....	25	.....	.....	.....	.....	.....	25	.....	.....	.....
Johnstown, N. Y. ....	5	.....	5	.....	5	.....	.....	.....	.....	.....	2.0	.....
Kansas City, Mo. ....	(3	.....	63	.....	.....	.....	.....	.....	63	.....	9.5	24
Laurel, Miss. ....	8	5	3	.....	.....	.....	1	1	4	2	.6	26
Leavenworth, Kans. ....	421	366	55	.....	65	14	20	.....	95	217	105.4	28
Los Angeles, Calif.:												
No. 1.....	78	48	30	.....	.....	.....	.....	.....	78	.....	8.6	24
No. 2.....	310	228	72	.....	17	8	.....	.....	285	.....	.....	.....
Louisville, Ky. <sup>1</sup> .....	1,503	1,091	412	.....	4	227	119	.....	959	194	197.8	26
Macon, Ga. <sup>1</sup> .....	344	226	118	3	26	27	51	.....	228	9	33.4	23
Miami, Fla. ....	31	8	23	.....	1	5	2	.....	20	3	2.9	24
Montgomery, Ala. <sup>1</sup> .....	523	438	85	3	.....	7	7	.....	489	17	67.4	23
Newport News, Va. <sup>1</sup> .....	724	411	313	.....	22	17	129	1	502	53	53.7	24
Niagara Falls, N. Y. ....	9	1	8	.....	.....	4	.....	.....	5	.....	2.4	8
Norfolk, Va. <sup>1</sup> .....	270	168	102	2	86	13	12	.....	138	19	41.8	23
Pasadena, Calif. ....	10	.....	10	.....	.....	.....	.....	.....	10	.....	1.6	16
Pawtucket, R. I. ....	36	26	10	.....	.....	3	.....	.....	33	.....	9.5	11
Providence, R. I.:												
No. 1.....	630	579	51	.....	.....	30	8	1	589	2	27.8	24
No. 2.....	78	42	36	.....	.....	.....	.....	.....	78	.....	5.4	23
Rome, N. Y. ....	19	17	2	.....	.....	.....	.....	.....	19	.....	4.9	8
San Antonio, Tex. <sup>1</sup> .....	576	413	163	1	78	85	39	.....	353	20	40.3	22
San Francisco, Calif.:												
No. 1.....	256	188	68	.....	4	4	34	1	212	1	24.8	24
No. 2.....	20	.....	20	6	.....	.....	.....	.....	14	.....	.....	.....
No. 3.....	115	81	34	.....	.....	19	.....	.....	96	.....	47.8	24
Santa Barbara, Calif. ....	17	.....	17	.....	.....	.....	.....	.....	17	.....	3.3	6
Hattiesburg, Miss. ....	114	87	27	8	2	6	13	.....	74	11	18.3	22
Savannah, Ga. ....	468	261	107	.....	.....	14	.....	.....	454	.....	27	6
Spartanburg, S. C. <sup>1</sup> .....	110	87	23	.....	15	.....	8	.....	56	31	40.5	24
Stockton, Calif. ....	21	.....	21	.....	1	7	.....	.....	13	.....	3.4	26
Troy, N. Y. ....	31	12	19	2	11	3	1	.....	14	.....	5.0	14
Utica, N. Y. ....	17	12	15	1	.....	4	36	.....	12	.....	13.2	4
	12,884	9,741	3,143	100	643	762	742	8	9,740	889	32.7	884

Extra-cantonment zone clinic.

## DRUGGISTS COOPERATE IN VENEREAL DISEASE CONTROL WORK.

Some time ago the Division of Venereal Diseases of the Public Health Service circularized druggists with literature and pledge cards. Druggists were asked to sign a card on which the following pledges appear:

"1. Not to prescribe or recommend any remedy for a venereal disease.

"2. After this date, not to purchase a proprietary remedy to be sold to the public for the self-treatment of a venereal disease, and not to sell any such remedy after January 15, 1919.

"3. To refill only such prescriptions for the treatment of venereal disease as were given originally to the customer by a reputable physician who is still in charge of the case.

"4. To cause literature furnished by the Surgeon General to be handed to every person asking, without a physician's prescription, for a remedy customarily confined to the treatment of a venereal disease. Further, to direct the applicant to a reputable physician, to a board of health, or to an approved venereal clinic."

The cards were sent to 48,500 retail druggists and 26,049 of the druggists (over 50 per cent) returned their pledge cards properly signed. These signed cards have been sent to the State health officers for their information and in order that they may supply the druggists with the literature mentioned in paragraph 4 of the pledge cards. The campaign among druggists is now in the state of attempting to enlist those members of the trade who failed to sign the first request of the Public Health Service. Retail druggists are now receiving through the mails a copy of the special bulletin, "Responsibility of Druggists for the Public Health," designed to impress upon the members of the trade the fact that they occupy a peculiar position in their relationship to the communities they serve. Druggists and drug clerks should consider it their imperative duty to cooperate in the venereal-disease control program.

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## DEATHS DURING WEEK ENDED MARCH 22, 1919, IN CITIES.

The following table shows the registered deaths from all causes and from pneumonia (all forms) and influenza combined in certain large cities of the United States during the week ended March 22, 1919. The annual death rates per 1,000 population for the week and for the corresponding week of previous years are also shown.

The data are taken from the "Weekly Health Index," March 25, 1919, issued by the Bureau of the Census, Department of Commerce. The populations used in computing the rates are estimated by the Bureau of the Census as of July 1, 1918.

Registered deaths and annual death rates per 1,000 population in certain large cities of the United States, week ended Mar. 22, 1919—Deaths from all causes, and from pneumonia (all forms) and influenza combined.

City.	Population July 1, 1918, estimated.	Total deaths, all causes.	Annual death rate per 1,000.	Annual death rate for preceding year. <sup>1</sup>	Influenza and pneumonia (all forms).	
					Number of deaths.	Annual death rate per 1,000.
Albany, N. Y.	112,565	56	25.9	C 20.8	27	12.5
Atlanta, Ga.	201,732	57	14.7	C 13.2	.....	.....
Baltimore, Md.	<sup>2</sup> 669,981	219	17.0	A 21.0	.....	.....
Birmingham, Ala.	197,670	52	13.7	A 17.2	.....	.....
Boston, Mass.	785,245	228	15.1	A 18.3	43	2.9
Buffalo, N. Y.	473,229	163	18.0	C 15.9	20	2.2
Cambridge, Mass.	111,432	38	17.8	A 15.6	8	3.7
Chicago, Ill.	2,596,681	803	16.1	A 17.3	.....	.....
Cincinnati, Ohio.	418,022	220	27.4	C 20.0	100	12.5
Cleveland, Ohio.	810,306	281	18.1	C 13.5	134	8.6
Columbus, Ohio.	225,296	98	22.7	C 18.3	49	11.3
Dayton, Ohio.	130,655	54	21.6	C 14.4	17	6.8
Denver, Colo.	.....	88	.....	.....	.....	.....
Fall River, Mass.	128,392	37	15.0	C 21.9	11	4.5
Grand Rapids, Mich.	135,450	47	16.6	C 15.8	.....	.....
Indianapolis, Ind.	289,577	143	26.1	C 16.2	.....	.....
Jersey City, N. J.	318,770	136	22.2	C 22.4	.....	.....
Kansas City, Mo.	313,785	154	25.6	C 24.6	59	9.8
Los Angeles, Calif.	568,495	173	15.9	A 14.3	19	1.7
Louisville, Ky.	242,707	179	38.5	C 21.1	87	18.7
Lowell, Mass.	109,081	40	19.1	A 18.7	8	3.8
Memphis, Tenn.	154,759	111	37.4	C 20.2	24	8.1
Milwaukee, Wis.	453,481	130	14.9	A 15.0	46	5.3
Minneapolis, Minn.	383,442	125	17.0	C 12.8	.....	.....
Nashville, Tenn.	119,215	56	24.5	C 24.5	22	9.6
Newark, N. J.	428,684	147	17.9	C 21.3	42	5.1
New Haven, Conn.	154,865	42	14.1	C 18.9	10	3.4
New Orleans, La.	382,273	136	18.6	A 22.0	18	2.5
New York, N. Y.	5,215,879	1,815	18.1	C 22.5	544	5.4
Oakland, Calif.	214,206	44	10.7	A 12.3	.....	.....
Omaha, Nebr.	180,264	52	15.0	C 13.9	.....	.....
Philadelphia, Pa.	1,761,371	611	18.1	<sup>3</sup> 18.1	154	4.6
Pittsburgh, Pa.	593,303	259	22.8	C 20.0	114	10.0
Portland, Oreg.	.....	73	.....	.....	18	.....
Providence, R. I.	263,613	79	15.6	C 17.2	12	2.4
Richmond, Va.	160,719	58	18.8	C 17.2	11	3.6
Rochester, N. Y.	264,856	93	18.3	C 15.2	19	3.7
St. Louis, Mo.	779,951	309	20.7	C 16.8	119	8.0
San Francisco, Calif.	478,530	148	16.1	C 19.1	13	1.4
Seattle, Wash.	.....	50	.....	.....	5	.....
Spokane, Wash.	.....	32	.....	.....	.....	.....
Syracuse, N. Y.	161,404	52	16.8	C 14.9	5	1.6
Toledo, Ohio.	262,234	105	20.9	A 14.5	30	6.0
Washington, D. C.	401,681	152	19.7	A 19.3	26	3.4
Worcester, Mass.	173,650	71	21.3	C 14.4	13	3.9

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

<sup>2</sup> Population estimated as of July 1, 1919.

<sup>3</sup> Rate is based on statistics of 1915, 1916, and 1917.

## NARCOTIC DRUGS—INTERPRETATION OF HARRISON ACT.

### COURT DECIDES THAT PHYSICIAN WHO GIVES PRESCRIPTION DISPENSES THE DRUG.

In construing the Harrison antinarcotic act<sup>1</sup> the United States district court for the western district of Pennsylvania has decided<sup>2</sup> that a person charged with dispensing narcotic drugs in violation of the act can not escape punishment by setting up the plea that he was not the owner of the drugs dispensed.

<sup>1</sup> Reprint 338 from the Pub. Health Repts., p. 589.

<sup>2</sup> United States v. Jin Fuey Moy, 253 Federal Reporter, 213.

Section 2 of the Harrison act makes it unlawful to "sell, barter, exchange, or give away," with certain exceptions, any of the drugs mentioned in section 1 of the act. The defendant, a physician, was charged with unlawfully dispensing drugs not in the course of his professional practice. The evidence showed that he had issued a great many prescriptions for the drugs, but he contended that he had committed no offense, because the words "sell, barter, exchange, or give away" could only apply to owners of the drugs.

In rejecting this contention the court said:

It is insisted that to dispense or distribute the drugs on a prescription is not to sell, barter, exchange, or give them away. It is held in *United States v. Stowell* (133 U. S. 1, 10 Sup. Ct. 244, 33 L. Ed. 555) that statutes enacted to prevent frauds upon the revenue are considered as enacted for the public good and to suppress a public wrong, and, therefore, although they may impose penalties or forfeitures, are to be fairly and reasonably construed so as to carry out the intention of the legislature. It could hardly be said that words of so broad import as "sell, barter, exchange, or give away," when standing together, were intended by Congress to be so narrowly and strictly construed as to include only those cases where title to the prescribed drug was in him who undertook to dispense or distribute it. The lawmakers were not concerned with the ownership of the drug, but with its unlawful distribution. It could matter nothing to the poor victim in the fatal clutches of the drug habit where title was to the narcotic which was thus dispensed to him, every grain of which brought him nearer to the grave. Whether the victim procured the drug from the hand of the physician or through the druggist on an order or prescription of the physician can matter nothing, unless we look blindly at the letter of the act, wholly forgetting its spirit and purpose.

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## **EPIDEMIC INFLUENZA.**

### **PREVALENCE IN THE UNITED STATES.**

A decided decrease in the number of reported cases of influenza throughout the United States is shown by telegraphic reports for the week ended March 29. (See pp. 696 and 700.)

A recrudescence of the disease is reported in the western part of Kansas, and the number of cases reported in the State of Vermont is slightly greater than for the preceding week. With these exceptions decreases are noted in all States from which reports have been received.

# 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 MAR. 29.

CHARLESTON SANITARY DISTRICT, S. C.		GAS AND FLAME SCHOOL ZONE, GA. AND ALA.	
	Cases.		Cases.
Charleston:		Diphtheria:	
Influenza.....	1	Bibb City.....	9
CAMP DEVENS ZONE, MASS.		Columbus.....	1
Diphtheria:		Gonorrhoea:	
Shirley.....	1	Bibb City.....	3
Measles:		Columbus.....	6
Lancaster.....	1	Muscogee County.....	2
Lunenburg.....	8	Influenza:	
Pneumonia:		Columbus.....	2
Shirley.....	2	Muscogee County.....	1
Pneumonia, lobar:		Phoenix City.....	1
Ayer.....	1	Measles:	
Lancaster.....	1	Columbus.....	3
Scarlet fever:		Muscogee County.....	1
Lancaster.....	1	Pellagra:	
CAMP DIX ZONE, N. J.		Columbus.....	2
Diphtheria:		Muscogee County.....	3
Pemberton Township.....	1	Pneumonia:	
Measles:		Columbus.....	3
New Hanover Township.....	2	Muscogee County.....	1
FAYETTEVILLE SANITARY DISTRICT, N. C.		Smallpox:	
Chancroid.....	1	Bibb City.....	1
Gonorrhoea.....	4	Columbus.....	8
Measles.....	30	Muscogee County.....	5
Pneumonia, broncho.....	1	Syphilis:	
Septic sore throat.....	1	Columbus.....	5
Syphilis.....	1	Whooping cough:	
CAMP FUNSTON ZONE, KANS.		Columbus.....	10
Cleburne:		Muscogee County.....	4
Influenza.....	13	CAMP GORDON ZONE, GA.	
Junction City:		Atlanta:	
Gonorrhoea.....	1	Cerebrospinal meningitis.....	1
Scarlet fever.....	4	Chancroid.....	1
Manhattan:		Chicken pox.....	19
Chicken pox.....	1	Diphtheria.....	2
Mumps.....	4	Erysipelas.....	1
Pneumonia.....	1	Gonorrhoea.....	35
Scarlet fever.....	4	Influenza.....	21
		Malaria.....	2
		Measles.....	11



## CAMP GORDON ZONE, GA.—continued.

Atlanta—Continued.	Cases.
Mumps.....	5
Pneumonia.....	9
Scarlet fever.....	7
Septic sore throat.....	1
Smallpox.....	46
Syphilis.....	24
Tuberculosis.....	18
Whooping cough.....	1
GULFPORT HEALTH DISTRICT, MISS.	
Gonorrhea:	
Gautier.....	1
Moss Point.....	1
Hookworm:	
Kiln.....	1
Influenza:	
Biloxi.....	6
Escatawpa.....	1
Gulfport.....	1
Pascagoula.....	1
Malaria:	
Biloxi.....	3
De Lisle.....	1
Escatawpa.....	6
Gulfport.....	2
Kiln.....	2
Logtown.....	1
Lyman.....	1
Moss Point.....	4
Pascagoula.....	3
Wade.....	1
Measles:	
Ford.....	1
Moss Point.....	1
Meningitis, other forms:	
Biloxi.....	1
Mumps:	
Biloxi.....	3
Escatawpa.....	1
Gulfport.....	9
Handsboro.....	1
Logtown.....	1
Mississippi City.....	14
Moss Point.....	9
Pellagra:	
Beauvoir.....	1
Pneumonia:	
Biloxi.....	2
Kiln.....	1
Lyman.....	1
Moss Point.....	1
Pneumonia, broncho:	
Ocean Springs.....	1
Scarlet fever:	
Mississippi City.....	1
Syphilis:	
Gulfport.....	1
Tuberculosis:	
Moss Point.....	1
Whooping Cough:	
Biloxi.....	2
De Lisle.....	1
Gulfport.....	1
Pascagoula.....	1
Logtown.....	2
Moss Point.....	1

## CAMP A. A. HUMPHREYS ZONE, VA.

Alexandria:	Cases.
Chicken pox.....	2
Gonorrhea.....	1
Influenza.....	1
Mumps.....	1
Pneumonia.....	1
Smallpox.....	3
Syphilis.....	2
Tonsilitis.....	2
Tuberculosis, pulmonary.....	2
Fairfax County:	
Gonorrhea.....	1
Measles.....	1
Smallpox.....	1
Fredericksburg:	
Influenza.....	1
Mumps.....	2
Whooping cough.....	1
CAMP JACKSON ZONE, S. C.	
Columbia:	
Chicken pox.....	1
Diphtheria.....	1
Influenza.....	1
Measles.....	1
Mumps.....	1
Scarlet fever.....	1
Whooping cough.....	5
Government clinic:	
Gonorrhea.....	24
Syphilis.....	25

## CAMP LEE ZONE, VA.

Petersburg:	Cases.
Gonorrhea.....	4
Influenza.....	3
Malaria.....	1
Measles.....	7
Scarlet fever.....	1
Syphilis.....	3
Tuberculosis.....	1
Typhoid fever.....	1

## CAMP LEWIS ZONE, WASH.

Chicken pox:	Cases.
Roy.....	6
Measles:	
Stetiacoomb.....	1
Mumps:	
American Lake.....	6
Smallpox:	
Roy.....	1

## CAMP MERRITT ZONE, N. J.

Englewood:	Cases.
Chicken pox.....	11
Erysipelas.....	1
Influenza.....	4
Mumps.....	1
Pneumonia.....	4
Haworth:	
Influenza.....	2
West Fort Lee:	
Cerebrospinal meningitis.....	1
MUSCLE SHOALS SANITARY DISTRICT, ALA.	
Colber: County:	
Chicken pox.....	1
Measles.....	8
Tuberculosis.....	1

MUSCLE SHOALS SANITARY DISTRICT, ALA.—CON.	
	Cases.
<b>Florence:</b>	
Chicken pox.....	1
Smallpox.....	11
<b>Nitrate plant No 2:</b>	
Chaneroid.....	18
Chicken pox.....	1
Diphtheria.....	1
Gonorrhoea.....	30
Influenza.....	2
Mumps.....	4
Pneumonia.....	1
Syphilis.....	9
PICRIC ACID PLANT ZONE, GA.	
<b>Brunswick:</b>	
Gonorrhoea.....	4
Influenza.....	4
Lethargic encephalitis.....	1
Measles.....	22
Mumps.....	2
Pneumonia.....	2
Syphilis.....	1
Tuberculosis.....	1
CAMP PIKE ZONE, ARK.	
<b>Little Rock:</b>	
Chicken pox.....	9
Erysipelas.....	2
Gonorrhoea.....	9
Influenza.....	1
Malaria.....	2
Measles.....	1
Mumps.....	4
Pneumonia.....	5
Scarlet fever.....	7
Syphilis.....	4
Tuberculosis.....	3
Typhoid fever.....	1
<b>North Little Rock:</b>	
Influenza.....	1
Mumps.....	1
Pneumonia.....	2
Typhoid fever.....	1
Whooping cough.....	2
CAMP POLK ZONE, N. C.	
<b>Chicken pox:</b>	
Durham.....	1
Raleigh.....	2
<b>Diphtheria:</b>	
Middle Creek Township.....	1
<b>Measles:</b>	
Durham.....	3
Raleigh.....	2
<b>Mumps:</b>	
Durham.....	14
Raleigh.....	1
<b>Smallpox:</b>	
Durham.....	3
<b>Syphilis:</b>	
Durham.....	3
<b>Tuberculosis:</b>	
Durham.....	1
Raleigh.....	1
Wake Forest Township.....	1
<b>Whooping cough:</b>	
Wake Forest Township.....	5

PORTSMOUTH AND NORFOLK COUNTY HEALTH DISTRICT, VA.	
	Cases.
<b>Cerebrospinal meningitis:</b>	
Norfolk.....	1
Norfolk County.....	1
Portsmouth.....	1
<b>Chicken pox:</b>	
Norfolk.....	3
<b>Diphtheria:</b>	
Portsmouth.....	2
<b>Gonorrhoea:</b>	
Portsmouth.....	2
<b>Influenza:</b>	
Norfolk.....	2
<b>Measles:</b>	
Portsmouth.....	6
Norfolk.....	8
<b>Scarlet fever:</b>	
Portsmouth.....	1
<b>Smallpox:</b>	
Norfolk.....	4
<b>Tuberculosis:</b>	
Portsmouth.....	3
CAMP SHERIDAN ZONE, ALA.	
<b>Montgomery:</b>	
Gonorrhoea.....	1
Lethargic encephalitis.....	1
Scarlet fever.....	2
Tuberculosis.....	1
<b>Government clinic:</b>	
Gonorrhoea.....	7
Syphilis.....	13
CAMP SHERMAN ZONE, OHIO.	
<b>Gonorrhoea:</b>	
Government clinic.....	7
<b>Influenza:</b>	
Chillicothe.....	8
Ross County.....	7
<b>Scarlet fever:</b>	
Chillicothe.....	1
<b>Syphilis:</b>	
Government clinic.....	3
<b>Tuberculosis, pulmonary:</b>	
Scioto Township.....	1
SOUTHER FIELD ZONE, GA.	
No cases of communicable disease reported.	
CAMP ZACHARY TAYLOR ZONE, KY. AND IND.	
<b>Cerebrospinal meningitis:</b>	
Jefferson County.....	1
<b>Chaneroid:</b>	
Jaffet clinic.....	1
<b>Chicken pox:</b>	
Jefferson County.....	1
Louisville.....	5
<b>Diphtheria:</b>	
Louisville.....	3
<b>Gonorrhoea:</b>	
Government clinic.....	20
Jail clinic.....	4
Louisville.....	1
<b>Influenza:</b>	
Clark County.....	3
Jefferson County.....	129
Louisville.....	69
<b>Measles:</b>	
Jefferson County.....	5

## CAMP ZACHARY TAYLOR ZONE, KY. AND IND.—con.

	Cases.
<b>Measles:</b>	
Louisville.....	11
New Albany.....	1
<b>Mumps:</b>	
Louisville.....	1
<b>Pneumonia, lobar:</b>	
Jefferson County.....	5
Louisville.....	2
<b>Scarlet fever:</b>	
Jefferson County.....	7
Louisville.....	14
<b>Syphilis:</b>	
Government clinic.....	33
Jail clinic.....	4
<b>Tuberculosis, pulmonary:</b>	
Louisville.....	15
<b>Typhoid fever:</b>	
Louisville.....	1
<b>TIDEWATER HEALTH DISTRICT, VA.</b>	
<b>Government clinic:</b>	
Chancroid.....	1
Bubo.....	1
Gonorrhoea.....	44
Syphilis.....	1
Venereal—mixed.....	1
<b>Newport News:</b>	
Chicken pox.....	5
Diphtheria.....	1
Gonorrhoea.....	11
Influenza.....	1
Measles.....	3
Mumps.....	4
Smallpox.....	3
Tuberculosis.....	1
Varioloid.....	1
Venereal—mixed.....	1

## CAMP TRAVIS ZONE, TEX.

San Antonio:	Cases.
Cerebrospinal meningitis.....	1
Chancroid.....	4
Chicken pox.....	3
Diphtheria.....	2
Gonorrhoea.....	13
Influenza.....	2
Measles.....	5
Pneumonia.....	2
Scarlet fever.....	1
Smallpox.....	4
Syphilis.....	2
Tuberculosis.....	8

## CAMP UPTON ZONE, N. Y.

Brook Haven:	Cases.
Pneumonia.....	4
Tuberculosis.....	1
<b>Patchogue:</b>	
Diphtheria.....	6
Pneumonia.....	1
<b>Riverhead:</b>	
Chicken pox.....	4
German measles.....	1
Pneumonia.....	2

## WILMINGTON SANITARY DISTRICT, N. C.

Cape Fear, rural:	Cases.
Scarlet fever.....	2
<b>Wilmington:</b>	
Chicken pox.....	1
Influenza.....	1
Tuberculosis.....	3
Whooping cough.....	2

## DISEASE CONDITIONS AMONG TROOPS IN THE UNITED STATES.

The following data are taken from telegraphic reports received in the office of the Surgeon General of the United States Army for the week ended March 21, 1919. Reports from the American Expeditionary Forces are delayed in transmission, and the "current week" for troops in the American Expeditionary Forces is not the same period as "current week" for troops in the United States.

	Current week.	Last week.
<b>Annual admission rate per 1,000 (all causes).....</b>	971.07	1,138.36
All troops in United States.....	1,272.48	1,302.84
American expeditionary forces.....	865.00	1,082.22
<b>Annual admission rate per 1,000 (disease only).....</b>	832.15	924.76
All troops in United States.....	1,064.57	1,094.57
American expeditionary forces.....	750.36	866.09
<b>Noneffective rate per 1,000 on day of report.....</b>	48.40	53.58
All troops in United States <sup>1</sup> .....	58.65	62.93
American expeditionary forces.....	44.80	50.39
<b>Annual death rate per 1,000 (all causes).....</b>	10.57	13.81
All troops in United States <sup>1</sup> .....	10.18	9.71
American expeditionary forces.....	10.71	15.21
<b>Annual death rate per 1,000 (disease only).....</b>	8.35	11.83
All troops in United States <sup>1</sup> .....	9.59	9.22
American expeditionary forces.....	7.89	12.76

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

Cases of special diseases reported during the week ended Mar. 21, 1919.

Camp.	Pneumonia.	Dysentery.	Malaria.	Venereal diseases.		Influenza.	Measles.	Meningitis.	Scarlet fever.	Annual admission rate per 1,000 (disease only).	Non-effective rate per 1,000 on day of report.
				Total.	New infections.						
Bowie.....	11			48	16	3	4			2,713.04	129.39
Bragg.....										291.31	22.40
Custer.....	4	1		14	13		1		2	1,555.84	97.89
Devons.....	3			17						1,531.52	104.97
Dix.....	1			21	11				1	1,437.24	86.83
Dodge.....				9	8	2	1			992.40	129.99
Eustis.....	3			10		5	3			1,518.13	41.62
Fremont.....									4	752.71	102.53
Funston.....				8		3			1	796.06	66.70
Gordon.....	1			26		5				2,355.88	107.00
Grant.....	1			12		2	11	2		1,247.70	70.18
Greene.....	1									415.99	3.42
Hancock.....				13	3					413.83	62.29
Humphreys.....	3			9	2	1				305.47	21.41
Jackson.....			1	25			2			1,733.33	67.08
J. E. Johnston.....										263.29	12.65
Kearny.....	1			8	3					5,108.23	134.99
Henry Knox.....	4			3					1	229.97	10.15
Las Casas.....	1		2							626.07	22.70
Lee.....	2			13	4	1				1,284.85	88.01
Lewis.....	1			24	4	8	2		2	1,458.21	92.09
Logan.....	3			2	1					2,007.72	38.61
McClellan.....				1						835.11	34.26
Meade.....				31	2	1			1	704.02	96.40
Pike.....	1		1	25					1	1,632.60	123.24
Sevier.....	1			6		1				506.88	9.17
Shelby.....	1			21	8			1		2,101.65	73.68
Sherman.....				13		15			2	1,581.68	112.42
Taylor.....	8			9	5	7		1	2	779.82	112.13
Travis.....	11		2	20		4	1			947.21	92.50
Upton.....	1			21	1	3	5			1,314.76	61.68
Wheeler.....										51.23	1.97
N. E. Dept.....				1	1	2			1	682.18	28.98
Eastern Dept.....	4			30	11	3			2	773.20	21.60
S. E. Dept.....				42	4	1	1			1,144.76	27.58
Central Dept.....				2		3	1		5	1,053.44	31.95
Southern Dept.....	8			55	6	31			2	931.73	51.38
Western Dept.....	1		1	12	7	13			2	654.51	15.97
Aviation camps.....	3		3	27		11		1	1	812.60	34.60
Ports of embarkation:											
Hoboken.....	13			16	3	70	4			672.59	61.98
Newport News.....	7			60	8	20	27	1	5	3,164.98	108.38
Alcatraz, D. B.....										325.00	15.62
Leavenworth, D. B.....	3							1	1	1,525.03	48.78
Columbus Brks.....				1						835.34	58.90
Jefferson Brks.....	1			4	4	20				4,408.06	157.92
Fort Logan.....										1,153.41	57.30
Fort McDowell.....										927.06	34.08
Fort Sill.....				10	10	2	1		1	923.79	54.84
Fort Slocum.....						2				228.07	25.21
Fort Thomas.....				2	2					1,495.20	60.71
West Point.....										724.63	21.73
Arsenals.....				19						659.56	32.72
Miscellaneous small stations.....	3			11		2				786.35	29.70
<b>Total.....</b>	<b>106</b>	<b>1</b>	<b>10</b>	<b>701</b>	<b>137</b>	<b>250</b>	<b>64</b>	<b>11</b>	<b>38</b>	<b>1,064.57</b>	<b>58.65</b>

Number of deaths and annual rates per 1,000 at large camps in the United States, week ended Mar. 21, 1919.

Camp.	Strength.	Deaths.		Annual death rate per 1,000.	
		All causes.	Disease only.	All causes.	Disease only.
Bowie.....	4,830	0			
Bragg.....	714	0			
Custer.....	6,885	1	1	7.55	7.55
Devens.....	7,945	2	2	13.08	13.08
Dix.....	16,855	1	1	3.08	3.08
Dodge.....	10,274	3	3	15.18	15.18
Eustis.....	6,919	0			
Fremont.....	829	0			
Funston.....	7,316	2	2	14.21	14.21
Gordon.....	8,233	0			
Grant.....	13,915	4	4	14.94	14.94
Greene.....	875	0			
Hancock.....	3,644	0			
Humphreys.....	8,171	1	1	6.36	6.36
Jackson.....	9,510	0			
J. E. Johnston.....	395	0			
Kearny.....	3,400	1	1	15.29	15.29
Henry Knox.....	12,210	1	1	4.25	4.25
Las Casas.....	2,907	0			
Lee.....	12,020	3	3	12.97	12.97
Lewis.....	8,915	0			
Logan.....	259	0			
McClellan.....	934	0			
Meade.....	11,672	0			
Fike.....	8,122	0			
Sevier.....	1,744	0			
Shelby.....	4,899	1	1	10.61	10.61
Sherman.....	12,232	3	2	12.75	8.50
Taylor.....	14,671	2	2	7.08	7.08
Travis.....	9,113	0			
Upton.....	16,726	4	4	12.43	12.43
Wheeler.....	1,015	0			
Northeast Department.....	4,726	3	3	33.00	33.00
Eastern Department.....	27,171	0			
Southeastern Department.....	7,177	0			
Central Department.....	5,726	3	3	27.24	27.24
Southern Department.....	37,563	5	5	6.92	6.92
Western Department.....	11,523	1	0	4.51	
Aviation camps.....	30,783	4	2	6.75	3.37
Ports of embarkation:					
Hoboken.....	53,497	2	2	1.94	1.94
Newport News.....	23,129	4	4	7.14	7.14
All others.....	95,574	53	51	28.83	27.74
Total.....	531,018	104	98	10.18	9.59

Annual admission rate per 1,000 for certain diseases.

Disease.	Troops in United States.		American Expeditionary Forces.	
	Current week.	Last week.	Current week.	Last week.
Pneumonia.....	10.38	17.07	32.92	44.91
Dysentery.....	0.03	0.09	0.37	0.80
Malaria.....	0.97	0.58	0.03	0.03
Veneral.....	68.64	74.00	46.27	46.02
Paratyphoid.....	0.0	0.0	0.62	0.10
Typhoid.....	0.19	0.19	1.10	1.81
Measles.....	6.26	4.41	2.61	2.21
Meningitis.....	1.07	1.37	2.75	2.72
Scarlet fever.....	3.72	4.02	1.20	1.20
Influenza.....	24.48	35.56		

## CURRENT STATE SUMMARIES.

Telegraphic Reports for Week Ended March 29, 1919.

*Alabama.*—The State reports no unusual prevalence.

*Arkansas.*—State totals: Influenza 31, pellagra 42, smallpox 33, measles 22, malaria 20, chicken pox 15, tuberculosis 11, diphtheria 5, typhoid 1, scarlet fever 3.

*California.*—Influenza cases reported 319. Smallpox: 28 cases of which in Long Beach 2, Chico 8, Sutter County 2, Marysville 5, Eureka 7, balance scattered over State. Five cases typhoid reported. Cerebrospinal meningitis: 2 cases of which 1 in San Benito County and 1 in Long Beach. This does not include Los Angeles or San Francisco, from which cities reports have not been received.

*Connecticut.*—Cerebrospinal meningitis, New Haven 1; trachoma, New Haven 1; influenza, State total 135.

*Florida.*—Typhoid fever, Miami City 1, Jacksonville 2, Tampa 1, Palm Beach County 1; malaria, Jacksonville 1, Gadsden County 3, Palm Beach County 1.

*Georgia.*—State totals: Acute infectious conjunctivitis 1, hookworm 3, cerebrospinal meningitis 1, chicken pox 30, dengue 1, diphtheria 4, dysentery (bacillary) 2, German measles 1, gonorrhoea 98, influenza 88, malaria 27, measles 51, mumps 35, pneumonia (acute lobar) 15, scarlet fever 14, septic sore throat 7, smallpox 87, syphilis 32, trachoma 2, tuberculosis (pulmonary) 15, typhoid fever 8, whooping cough 13.

*Illinois.*—Diphtheria: Cases reported 128, of which in Chicago 91, scarlet fever 107, of which in Chicago 63, Mount Sterling 8, Oglesby 5. Smallpox 140, of which in Union Precinct (Union County) 45, Pekin 8, Alto Pass Precinct (Union County) 7, 6 each in Audubon Township (Montgomery County), Averyville, Peoria, Tremont Township (Tazewell County), 5 each in Chicago, Nokomis, Fairmount. Meningitis, Camp Grant 2. Poliomyelitis, Chicago 1. Gonorrhoea 64, syphilis 38, influenza 635, of which in Chicago 177. Lethargic encephalitis 6, of which in Chicago 3, one each in Harvey, North Chicago, and Middletown. A recrudescence of influenza in following communities: Altamont 39, Greenfield 54, Matherville 15, El Dara 70, Bement Township (Piatt County), 10.

*Indiana.*—Scarlet fever: Present in Bluffton, Columbia City, and Attica. Smallpox: Reported at Clinton and Elkhart. Diphtheria: Knox County 1, Tipton 1, Wabash 2, Hendricks 3, Clay 3, Clinton 1, Tippecanoe 3, Miami 3, Wayne 2. Typhoid fever: Reported in Tipton and Starke Counties. State totals: Syphilis 34, gonorrhoea 42.

*Iowa.*—Chancroid: Sioux City 2. Diphtheria: Davenport 1, Des Moines 1, Dubuque 2, Fort Dodge 1, Hawarden 1, Newton 1. Gonorrhoea: Cedar Rapids 11, Clearfield 1, Davenport 6, Dubuque 2,

Keokuk 1, Marshalltown 1, Postville 1, Ringsted 1, Sioux City 6. Mumps: Northwood 18. Scarlet fever: Burlington 1, Davenport 1, Des Moines 8, Dubuque 4, Goodell 1, Humboldt 2, Postville 1, West Bend 1. Smallpox: Bonaparte 1, Boone 3, Cedar Rapids 3, Clarksville 4, Davenport 25, Des Moines 3, Fort Dodge 8, Newton 1, Ottumwa 2. Syphilis: Cedar Rapids 1, Sioux City 2, Spencer 1. In rural districts of following counties: Diphtheria: Allamakee 1, Boone 1, Warren 1. Measles: Des Moines 1, Johnson 1. Scarlet fever: Buchanan 1, Franklin 2, Ringgold 3, Union 3, Wapello 8, Winneshiek 3. Smallpox: Buchanan 5, Clinton 1, Des Moines 1, Johnson 1, Mills 2, Monona 1, Montgomery 1, Wapello 1. Ninety-one cases influenza reported.

*Kansas.*—Meningitis: Independence 1, Leavenworth 1. Smallpox: Atchison 11, Chanute 21, Leavenworth 10, Wichita 23. State totals: Typhoid fever 1, smallpox 91, diphtheria 18, scarlet fever 54, influenza 2,501. Practically all western counties report a third recrudescence of influenza more virulent than previous waves.

*Louisiana.*—State totals: Lethargic encephalitis 14, influenza 30, cerebrospinal meningitis 1, typhoid 19, smallpox 60, diphtheria 7.

*Maine.*—Chicken pox: Bath 1, Portland 2, Benton 1. Diphtheria: Bradley 1, Garland 1, Stock 1, Westbrook 1, South Bristol 2, Oldtown 1, Van Buren 1. German measles: Portland 2. Gonorrhoea: Ashland 1, Boothbay Harbor 1, Camden 2, Fairfield 1, Freeport 1, Haynesville 1, Herman 1, Monroe 1, Phillips 1, Jonesport 1, Bates 12, Lewiston 2, Portland 16, Belfast 1, Biddeford 1, Columbia Falls 1, Waterville 4, Bangor 1. Measles: Portland 1, Bath 1. Mumps: Bath 2. Scarlet fever: Portland 5, Bangor 4, Hudson 4. Smallpox: Bath 2, Bangor 1, Houlton 6. Syphilis: Lewiston 1, Bangor 1, Portland 14, Waterville 2, Augusta 1, Brunswick 6, Dexter 1, Freeport 1, East Livermore 1., Tuberculosis 11 cases. Typhoid fever: Waterville 2. Influenza: 37 cases.

*Massachusetts.*—Unusual prevalence. Diphtheria: Lynn 7, Lowell 21, Somerville 9, Waltham 6, Worcester 7, Springfield 6, Greenfield 9. Scarlet fever: Lynn 10, Salem 15, Wakefield 8, Westfield 7.

*Minnesota.*—Smallpox (new foci): Clay County, Moorhead City 1; Houston County, Black Hammer Township 1; Scott County, Jackson Township 1. State totals: Poliomyelitis 1, syphilis 46, gonorrhoea 82, chancroid 1.

*New Jersey.*—Influenza 578, pneumonia 202. Smallpox: Camden city 1. Unusual prevalence scarlet fever in Red Bank.

*New York.*—Outside of New York City: Typhoid fever 7, measles 284, scarlet fever 191, whooping cough 41, diphtheria 165. Smallpox: Rochester city 2. Cerebrospinal meningitis: Ilion 1. Poliomyelitis: New Baltimore 1. Pneumonia: Cases reported 216. Voluntary reports: Syphilis 157, gonorrhoea 26.

*North Carolina.*—State totals: Influenza: Cleveland County 125, Gaston County 12, Charlotte City 6, Whooping cough 111, measles 299, diphtheria 18, scarlet fever 7, septic sore throat 2, smallpox 67, chicken pox 33, typhoid fever 5, epidemic meningitis 4, bronco-pneumonia 28, lobar pneumonia 19, paratyphoid fever 1, cholera infantum 2, syphilis 72, gonorrhoea 116, chancroid 5, gonorrhoea and syphilis 8, gonorrhoea and chancroid 2, gonorrhoea, syphilis, and chancroid 1, lethargic encephalitis cases reported to date 11.

*Ohio.*—Smallpox continues in Elyria, Dennison, Urichsville, and Miami Valley. Scarlet fever: Franklin Township (Fulton County) 6, Twin Township (Darke County) 7, Cincinnati 33. Diphtheria: Elyria 5. Measles epidemic in Akron. Influenza decreasing.

*Oregon.*—Influenza: Portland 12 cases (1 death), Benton 17, Clackamas 4, Linn 1.

*Vermont.*—Fourteen towns report 257 cases influenza. No other unusual prevalence.

*Virginia.*—Smallpox: King William County 10, Surrey 1, Craig 8, Louisa 2, Middlesex 1, Washington 1, Norfolk 2. Influenza: 29 cases. Cerebrospinal meningitis: Portsmouth 1, Norfolk 1.

*Washington.*—Mumps: Vancouver 37, Puyallup 3, Tacoma 5, Yakima 30. Smallpox: Brewster 7, Eatonville 1, Tacoma 15, Everett 3, Olympia 8, Yakima 15.

**CEREBROSPINAL MENINGITIS.**

**Cases Reported in Extra-Cantonment Zones, Week Ended March 29, 1919.**

	Cases.		Cases.
Camp Gordon zone, Ga.....	1	Camp Zachary Taylor zone, Ky. and Ind.....	1
Camp Merritt zone, N. J.....	1	Camp Travis zone, Tex.....	1
Portsmouth and Norfolk County health district, Va.....	3		

**State Reports for February, 1919.**

Place.	New cases reported.	Place.	New cases reported.
<b>Iowa:</b>		<b>Pennsylvania:</b>	
Marshall County.....	1	Butler County.....	1
<b>Kansas:</b>		Cambria County.....	1
Doniphan County—		Delaware County.....	1
Highland.....	1	Eric County.....	1
Harvey County—		Mercer County.....	1
Newton.....	1	Philadelphia County.....	12
Phillips County—		Westmoreland County.....	1
Agra (R. D.).....	1	Total.....	18
Republic County—		<b>South Carolina:</b>	
Wayne (R. D.).....	1	Charleston County.....	2
Rush County—		Clarendon County.....	1
Otis (R. D.).....	1	Greenville County.....	1
Sedgewick County—		Richland County.....	2
Wichita.....	1	Spartanburg County.....	1
Wyandotte County—		York County.....	1
Kansas City.....	1	Total.....	8
Total.....	7		



## CEREBROSPINAL MENINGITIS—Continued.

## City Reports for Week Ended Mar. 15, 1919.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Akron, Ohio.....	1	.....	Nashville, Tenn.....	2	1
Baltimore, Md.....	1	2	Newark, N. J.....	3	2
Beaumont, Tex.....	.....	1	New Bedford, Mass.....	1	1
Bedford, Ind.....	.....	1	New York, N. Y.....	4	3
Birmingham, Ala.....	1	1	Omaha, Nebr.....	.....	1
Boston, Mass.....	2	3	Peoria, Ill.....	.....	1
Chicago, Ill.....	2	3	Pittsburgh, Pa.....	2	.....
Dayton, Ohio.....	1	.....	Portland, Oreg.....	.....	1
Detroit, Mich.....	3	1	Riverside, Calif.....	1	.....
Durham, N. C.....	.....	1	Rochester, N. Y.....	1	.....
Galveston, Tex.....	1	.....	St. Louis, Mo.....	1	.....
Hancock, Mich.....	2	2	San Antonio, Tex.....	1	.....
Highland Park, Mich.....	1	1	Shenandoah, Pa.....	1	.....
Kansas City, Mo.....	1	.....	Tuscaloosa, Ala.....	1	.....
Lancaster, Ohio.....	.....	1	Washington, D. C.....	.....	1
Lincoln, Nebr.....	1	.....	Worcester, Mass.....	1	.....
Milwaukee, Wis.....	3	3			

## CHANCROID.

## Cases Reported in Extra-Cantonment Zones, Week Ended Mar. 29, 1919.

Cases.	Cases.
Fayetteville sanitary district, N. C..... 1	Tidewater health district, Va..... 1
Camp Gordon zone, Ga..... 1	Camp Zachary Taylor zone, Ky. and Ind..... 1
Muscle Shoals sanitary district, Ala..... 18	Camp Travis zone, Tex..... 4

## DIPHTHERIA.

## Cases Reported in Extra-Cantonment Zones, Week Ended Mar. 29, 1919.

Cases.	Cases.
Camp Devens zone, Mass..... 1	Portsmouth and Norfolk County health district, Va..... 2
Camp Dix zone, N. J..... 1	Tidewater health district, Va..... 1
Gas and Flame School zone, Ga. and Ala..... 10	Camp Zachary Taylor zone, Ky. and Ind..... 8
Camp Gordon zone, Ga..... 2	Camp Travis zone, Tex..... 2
Camp Jackson zone, S. C..... 1	Camp Upton zone, N. Y..... 6
Muscle Shoals sanitary district, Ala..... 1	
Camp Polk zone, N. C..... 1	

See also Diphtheria, measles, scarlet fever, and tuberculosis, page 708.

## GONORRHEA.

## Cases Reported in Extra-Cantonment Zones, Week Ended Mar. 29, 1919.

Cases.	Cases.
Fayetteville sanitary district, N. C..... 4	Picric acid plant zone, Ga..... 4
Camp Funston zone, Kans..... 1	Camp Pike zone, Ark..... 9
Gas and Flame School zone, Ga. and Ala..... 11	Portsmouth and Norfolk County health district, Va..... 2
Camp Gordon zone, Ga..... 35	Camp Sheridan zone, Ala..... 8
Gulfport health district, Miss..... 2	Camp Sherman zone, Ohio..... 7
Camp A. A. Humphreys zone, Va..... 2	Camp Zachary Taylor zone, Ky. and Ind..... 34
Camp Jackson zone, S. C..... 24	Tidewater health district, Va..... 55
Camp Lee zone, Va..... 4	Camp Travis zone, Tex..... 13
Muscle Shoals sanitary district, Ala..... 30	

**INFLUENZA.**

**Cases Reported in Extra-Cantonment Zones, Week Ended Mar. 29, 1919.**

Cases.		Cases.	
Charleston sanitary district, S. C.....	1	Picric acid plant zone, Ga.....	4
Camp Funston zone, Kans.....	13	Camp Pike zone, Ark.....	2
Gas and Flame School zone, Ga. and Ala.....	4	Portsmouth and Norfolk County health district, Va.....	2
Camp Gordon zone, Ga.....	21	Camp Sherman zone, Ohio.....	15
Gulfpport health district, Miss.....	9	Camp Zachary Taylor zone, Ky. and Ind.....	201
Camp A. A. Humphreys zone, Va.....	2	Tidewater health district, Va.....	1
Camp Jackson zone, S. C.....	1	Camp Travis zone, Tex.....	2
Camp Lee zone, Va.....	3	Wilmington sanitary district, N. C.....	1
Camp Merritt zone, N. J.....	6		
Muscle Shoals sanitary district, Ala.....	2		

**LEPROSY.**

**Pennsylvania Report for February, 1919.**

During the month of February, 1919, two cases of leprosy were reported in Pittsburgh, and one in Braddock, Allegheny County, Pa.

**City Report for Week Ended Mar. 15, 1919.**

One case of leprosy was reported at Philadelphia, Pa., during the week-ended March 15, 1919.

**MALARIA.**

**Cases Reported in Extra-Cantonment Zones, Week Ended Mar. 29, 1919.**

Cases.		Cases.	
Camp Gordon zone, Ga.....	2	Camp Lee zone, Va.....	1
Gulfpport health district, Miss.....	24	Camp Pike zone, Ark.....	2

**South Carolina Report for February, 1919.**

During the month of February, 1919, six cases of malaria were reported in Rochester County, eight in Richland County, and one in York County, S. C.

**City Reports for Week Ended Mar. 15, 1919.**

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Independence, Mo.....	1	.....	Palestine, Tex.....	3	.....
Jersey City, N. J.....	1	.....	San Diego, Calif.....	1	1
Memphis, Tenn.....	1	.....	Tuscaloosa, Ala.....	1	.....
New Orleans, La.....	.....	1			

**MEASLES.**

**Cases Reported in Extra-Cantonment Zones, Week Ended Mar. 29, 1919.**

Cases		Cases.	
Camp Devens zone, Mass.....	9	Muscle Shoals sanitary district, Ala.....	8
Camp Dix zone, N. J.....	2	Picric acid plant zone, Ga.....	22
Fayetteville sanitary district, N. C.....	30	Camp Pike zone, Ark.....	1
Gas and Flame School zone, Ga. and Ala.....	4	Camp Polk zone, N. C.....	5
Camp Gordon zone, Ga.....	11	Portsmouth and Norfolk County health district, Va.....	14
Gulfpport health district, Miss.....	2	Camp Zachary Taylor zone, Ky. and Ind.....	17
Camp A. A. Humphreys zone, Va.....	1	Tidewater health district, Va.....	3
Camp Jackson zone, S. C.....	1	Camp Travis zone, Tex.....	5
Camp Lee zone, Va.....	7		
Camp Lewis zone, Wash.....	1		

See also Diphtheria, measles, scarlet fever, and tuberculosis, page 708.

## PELLAGRA.

## Cases Reported in Extra-Cantonment Zones, Week Ended Mar. 29, 1919.

	Cases.		Cases.
Gas and Flame School zone, Ga. and Ala.....	5	Gulfport health district, Miss.....	1

## South Carolina Report for February, 1919.

During the month of February, 1919, one case of pellagra was reported in Calhoun County, S. C.

## City Reports for Week Ended Mar. 15, 1919.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Anniston, Ala.....	1		Haverhill, Mass.....	1	
Atlanta, Ga.....		1	Mobile, Ala.....		1
Birmingham, Ala.....	3		Pasadena, Calif.....	1	
Brunswick, Ga.....		1	Raleigh, N. C.....	1	1
Charleston, S. C.....		2	Spartanburg, S. C.....	1	
Durham, N. C.....	1	1	Winston-Salem, N. C.....	1	1

## PNEUMONIA.

## Cases Reported in Extra-Cantonment Zones, Week Ended Mar. 29, 1919.

	Cases.		Cases.
Camp Devens zone, Mass.....	4	Camp Merritt zone, N. J.....	4
Fayetteville sanitary district, N. C.....	1	Musclo Shoals sanitary district, Ala.....	1
Camp Funston zone, Kans.....	1	Picric acid plant zone, Ga.....	2
Gas and Flame School zone, Ga. and Ala.....	4	Camp Pike zone, Ark.....	7
Camp Gordon zone, Ga.....	9	Camp Zachary Taylor zone, Ky. and Ind.....	7
Gulfport health district, Miss.....	6	Camp Travis zone, Tex.....	2
Camp A. A. Humphreys zone, Va.....	1	Camp Upton zone, N. Y.....	7

## City Reports for Week Ended Mar. 15, 1919.

Place.	Lobar.		All forms.	
	Cases.	Deaths.	Cases.	Deaths.
Akron, Ohio.....	3			
Albany, N. Y.....	8			
Atlanta, Ga.....			1	9
Attleboro, Mass.....	1			
Auburn, N. Y.....	3	2		
Baltimore, Md.....	27	27		
Bayonne, N. J.....	1			
Belleville, N. J.....	3			
Beverly, Mass.....	1	1		
Bloomfield, N. J.....			2	2
Boston, Mass.....	42	23		
Brookline, Mass.....	2			
Camden, N. J.....	7			
Chanute, Kans.....	1	1		
Charleston, W. Va.....			3	2
Charlotte, N. C.....	2	5		
Chelsea, Mass.....	4	3		
Chicago, Ill.....			359	133
Chicopee, Mass.....	1			
Chillicothe, Ohio.....			2	3
Cleveland, Ohio.....	63	60		
Colorado Springs, Colo.....		1	2	4
Danvers, Mass.....	1	1		
Dayton, Ohio.....	3	3		
Decatur, Ill.....	1	2		
Detroit, Mich.....	10	54	18	79
Duluth, Minn.....	2	2		
East Orange, N. J.....			5	2
Elmira, N. Y.....	6	5		
El Paso, Tex.....	8	12		
Evansville, Ind.....	3	1		
Fall River, Mass.....	7	4		
Findlay, Ohio.....	4	1		
Fitchburg, Mass.....	1			
Ft. Mich.....	1	6		
Frederick, Md.....	2			
Fremont, Ohio.....	3			

PNEUMONIA—Continued.

City Reports for Week Ended Mar. 15, 1919—Continued.

Place.	Lobar.		All forms.	
	Cases.	Deaths.	Cases.	Deaths.
Grand Forks, N. Dak.	1			
Grand Rapids, Mich.	17	3		
Green Bay, Wis.	1	1		
Hackensack, N. J.	2	3		
Hancock, Mich.	1	1		
Harrison, N. J.	2			
Haverhill, Mass.	9			
Highland Park, Mich.	2	2		
High Point, N. C.	1			
Holyoke, Mass.	2	3		
Independence, Mo.			2	2
Jamestown, N. Y.			4	5
Jersey City, N. J.	9			
Kansas City, Kans.			14	
Kansas City, Mo.	18	22		
Kearny, N. J.	1	3		
Keene, N. H.	2			
Lackawanna, N. Y.	5	1		
Lakewood, Ohio.	3	3		
Lawrence, Mass.	3	2		
Long Beach, Calif.	1			
Lorain, Ohio.	1	2		
Los Angeles, Calif.	6	3	6	7
Louisville, Ky.	13	65		
Lowell, Mass.	1	2		
Ludington, Mich.	1			
Lynn, Mass.	7	1		
Macon, Ga.			1	1
Manitowoc, Wis.			3	1
Middletown, N. Y.	1			
Montclair, N. J.			8	1
Morristown, N. J.			1	1
Mount Vernon, N. Y.	4			
Natick, Mass.	4	1		
Newark, N. J.	71	11		
New Bedford, Mass.	1	2		
New Britain, Conn.	2	1		
Newburyport, Mass.	3			
New Orleans, La.	1	12		
Newton, Mass.	3	2		
New York, N. Y.		225	414	425
North Adams, Mass.	1			
North Tonawanda, N. Y.	1			
Norwood, Ohio.	1			
Oakland, Calif.		7	1	8
Oak Park, Ill.	2			
Oklahoma City, Okla.	1	3		
Parkstone, Tex.	3	1		
Parkersburg, W. Va.	2	2		
Passaic, N. J.	1	1		
Philadelphia, Pa.	92	69		
Pomona, Calif.			1	1
Pontiac, Mich.	3	2		
Reno, Nev.	4	3		
Rochester, N. Y.	8	4		
Salem, Mass.	1	4		
Salt Lake City, Utah.	1	2		
San Antonio, Tex.	5	1		
San Diego, Calif.	2			
San Juskus, Ohio.			3	2
Sanford, Me.	1			
San Francisco, Calif.	7	4		
Santa Barbara, Calif.	1			
Saratoga Springs, N. Y.	1	1		
Schenectady, N. Y.	2			
Somerville, Mass.	2	1		
Springfield, Mass.	9	3		
Steubenville, Ohio.	1			
Taunton, Mass.	1	2		
Toledo, Ohio.	1	9		
Trenton, N. J.	3	5		
Watertown, Mass.	1			
West Orange, N. J.	1			
Wichita, Kans.	2	1		
Winston-Salem, N. C.	1			
Worcester, Mass.	2			
Yonkers, N. Y.	2	3		

**POLIOMYELITIS (INFANTILE PARALYSIS).****State Reports for February, 1919.**

During the month of February, 1919, one case of poliomyelitis was reported in Benton County, Iowa, and one case in Erie County, Pa.

**City Reports for Week Ended Mar. 15, 1919.**

During the week ended March 15, 1919, one case of poliomyelitis was reported at Altoona, Pa., one at Chicago, Ill., and one at Newark, N. J. One death was reported at Chicago, Ill.

**RABIES IN ANIMALS.****City Reports for Week Ended Mar. 15, 1919.**

Place.	Cases.	Place.	Cases.
Bedford, Ind.....	1	Rochester, N. Y.....	2
Columbus, Ohio.....	1	Winston-Salem, N. C.....	1
Kansas City, Mo.....	2		

**RABIES IN MAN.****City Report for Week Ended Mar. 15, 1919.**

One death from rabies was reported at Terre Haute, Ind., during the week ended March 15, 1919.

**SCARLET FEVER.****Cases Reported in Extra-Cantonment Zones, Week Ended Mar. 29, 1919.**

	Cases.		Cases.
Camp Devens zone, Mass.....	1	Portsmouth and Norfolk County health district, Va.....	1
Camp Funston zone, Kans.....	8	Camp Sheridan zone, Ala.....	2
Camp Gordon zone, Ga.....	7	Camp Sherman zone, Ohio.....	1
Gulfport health district, Miss.....	1	Camp Zachary Taylor zone, Ky. and Ind.....	21
Camp Jackson zone, S. C.....	1	Camp Travis zone, Tex.....	1
Camp Lee zone, Va.....	1	Wilmington sanitary district, N. C.....	2
Camp Pike zone, Ark.....	7		

See also Diphtheria, measles, scarlet fever, and tuberculosis, page 708.

**SMALLPOX.****Cases Reported in Extra-Cantonment Zones, Week Ended Mar. 29, 1919.**

	Cases		Cases.
Gas and Flame School zone, Ga. and Ala.....	14	Camp Polk zone, N. C.....	3
Camp Gordon zone, Ga.....	46	Portsmouth and Norfolk County health district, Va.....	4
Camp A. A. Humphreys zone, Va.....	4	Tidewater health district, Va.....	3
Camp Lewis zone, Wash.....	1	Camp Travis zone, Tex.....	4
Muscle Shoals sanitary district, Ala.....	11		

SMALLPOX—Continued.

Kansas Report for February, 1919—Vaccination Histories.

Place.	New cases reported.	Deaths.	Vaccination history of cases.			
			Number vaccinated within 7 years preceding attack.	Number last vaccinated more than 7 years preceding attack.	Number never successfully vaccinated.	Vaccination history not obtained or uncertain.
<b>Kansas:</b>						
Allen County—						
Iola (1 R. D.).....	2				2	
La Harpe.....	1				1	
Atchison County—						
Atchison (1 R. D.).....	29				29	
Cummings.....	1				1	
Eflingham.....	1				1	
Muscotah (R. D.).....	7				7	
Barber County—						
Medicine Lodge.....	1				1	
Barton County—						
Great Bend.....	1				1	
Holsington.....	2				2	
Brown County—						
Padonia.....	5				5	
Butler County—						
Augusta (7 R. D.).....	13		1	1	11	
El Dorado (1 R. D.).....	3				3	
Latham (1 R. D.).....	1				1	
Leon (1 R. D.).....	1				1	
Cherokee County—						
Galena.....	2				2	
Clay County—						
Clifton (R. D.).....	5				5	
Crawford County—						
Frontenac.....	1				1	
Pittsburg.....	3				3	
Doniphan County—						
Elwood.....	3				3	
Geary County—						
Dwight (R. D.).....	2				2	
Gray County—						
Cimarron.....	4				4	
Greenwood County—						
Madison (R. D.).....	1				1	
Piedmont (R. D.).....	10				10	
Jewell County—						
Esbon.....	1				1	
Kingman County—						
Spivey.....	5				5	
Labette County—						
Parsons (1 R. D.).....	4				4	
Leavenworth County—						
Leavenworth (R. D.).....	3				3	
Tonganoxie.....	6				6	
Logan County—						
Oakley (R. D.).....	1				1	
Lyon County—						
Emporia (R. D.).....	1				1	
Marion County—						
Burns (R. D.).....	4				4	
Meade County—						
Plains.....	12				12	
Neosho County—						
Chanute (3 R. D.).....	27				27	
Earlton.....	5				5	
Ottawa County—						
Delphos (R. D.).....	1				1	
Reno County—						
Hutchinson.....	1				1	
Republic County—						
Belleville.....	2				2	
Saline County—						
Salina.....	4				4	
Scott County—						
Scott City (R. D.).....	1				1	
Sedgwick County—						
Wichita (1 R. D.).....	1				1	
Sherman County—						
Goodland.....	1				1	
Sumner County—						
Conway Springs (R. D.).....	1				1	

## SMALLPOX—Continued.

## Kansas Report for February, 1919—Vaccination Histories—Continued.

Place.	New cases reported.	Deaths.	Vaccination history of cases.			
			Number vaccinated within 7 years preceding attack.	Number last vaccinated more than 7 years preceding attack.	Number never successfully vaccinated.	Vaccination history not obtained or uncertain.
<b>Kansas—Continued.</b>						
Wabaunsee County—						
Alta Vista.....	1				1	
Wyandotte County—						
Kansas City.....	6			2	4	
Piper.....	1				1	
	188		1	3	184	

## State Reports for February, 1919.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
<b>Iowa:</b>			<b>Pennsylvania:</b>		
Boone County.....	1		Allegheny County.....	6	
Benton County.....	3		Beaver County.....	2	
Carro Gordo County.....	9		Butler County.....	1	
Clayton County.....	1		Cambria County.....	1	
Des Moines County.....	5		Dauphin County.....	1	
Dubuque County.....	2		Delaware County.....	2	
Floyd County.....	1		Erie County.....	2	
Grundy County.....	1		Huntingdon County.....	9	
Linn County.....	17		Wyoming County.....	1	
Lucas County.....	1		Total.....	25	
Monona County.....		1			
Page County.....	1		<b>South Carolina:</b>		
Polk County.....	8		Greenville County.....	5	
Pottawattamie County.....	6				
Scott County.....	8		<b>Wyoming:</b>		
Story County.....	1		Albany County.....	12	
Van Buren County.....	1		Campbell County.....	2	
Wapello County.....	10		Carbon County.....	7	
Total.....	76	1	Laramie County.....	9	
			Lincoln County.....	10	
<b>North Dakota:</b>			Natrona County.....	10	
Cass County.....	1		Washakie County.....	1	
Grand Forks County.....	2		Weston County.....	7	
Ramsey County.....	9		Total.....	58	
Richland County.....	3				
Sargent County.....	4				
Total.....	19				

## City Reports for Week Ended Mar. 15, 1919.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Atlanta, Ga.....	27		Covington, Ky.....	2	
Bedford, Ind.....	5		Dallas, Tex.....	8	
Beloit, Wis.....	1		Davenport, Iowa.....	10	
Bilings, Mont.....	1		Dayton, Ohio.....	2	
Birmingham, Ala.....	1		Decatur, Ill.....	1	
Boston, Mass.....	4		Denver, Colo.....	7	
Canton, Ohio.....	1		Des Moines, Iowa.....	4	
Oedar Rapids, Iowa.....	4		Detroit, Mich.....	1	
Chambersburg, Pa.....	1		Dubuque, Iowa.....	1	
Chanute, Kans.....	15		Duluth, Minn.....	2	
Charleston, W. Va.....	3		Durham, N. C.....	1	
Cheyenne, Wyo.....	1		El Paso, Tex.....	2	
Chicago, Ill.....	8		Eureka, Calif.....	1	
Cleveland, Ohio.....	4		Evansville, Ind.....	1	
Columbus, Ohio.....	2		Everett, Mass.....	1	
Council Bluffs, Iowa.....	3		Flint, Mich.....	1	

**SMALLPOX—Continued.**

**City Reports for Week Ended Mar. 15, 1919—Continued.**

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Fort Wayne, Ind.....	2	.....	Oskosh, Wis.....	7	.....
Fort Worth, Tex.....	4	.....	Palestine, Tex.....	3	.....
Green Bay, Wis.....	4	.....	Peoria, Ill.....	7	.....
Houston, Tex.....	2	.....	Portland, Oreg.....	14	.....
Hutchinson, Kans.....	1	.....	Pueblo, Colo.....	2	.....
Independence, Mo.....	1	.....	Roanoke, Va.....	2	.....
Indianapolis, Ind.....	3	.....	Rochester, N. Y.....	1	.....
Kansas City, Kans.....	3	.....	Rock Island, Ill.....	1	.....
Kansas City, Mo.....	13	.....	Saginaw, Mich.....	1	.....
Knoxville, Tenn.....	1	.....	St. Cloud, Minn.....	1	.....
Laurel, Miss.....	1	.....	St. Joseph, Mo.....	3	.....
Lincoln, Nebr.....	5	.....	St. Louis, Mo.....	4	.....
Los Angeles, Calif.....	9	.....	St. Paul, Minn.....	13	.....
Louisville, Ky.....	1	.....	Salt Lake City, Utah.....	3	.....
Macon, Ga.....	3	.....	San Antonio, Tex.....	3	.....
Madison, Wis.....	5	.....	San Francisco, Calif.....	16	.....
Marinette, Wis.....	2	.....	Scranton, Pa.....	1	.....
Marshalltown, Iowa.....	6	.....	Seattle, Wash.....	20	.....
Memphis, Tenn.....	2	.....	Sioux City, Iowa.....	1	.....
Middletown, Ohio.....	4	.....	South Bend, Ind.....	7	.....
Milwaukee, Wis.....	8	.....	Spartanburg, S. C.....	1	.....
Minneapolis, Minn.....	5	.....	Springfield, Ill.....	3	.....
Mobile, Ala.....	2	.....	Superior, Wis.....	6	.....
Muskogee, Okla.....	4	.....	Tacoma, Wash.....	3	.....
New Orleans, La.....	5	.....	Terre Haute, Ind.....	1	.....
Newport, Ky.....	2	.....	Toledo, Ohio.....	4	.....
Oakland, Calif.....	1	.....	Washington, D. C.....	3	.....
Oak Park, Ill.....	2	.....	Winston-Salem, N. C.....	21	.....
Ogden, Utah.....	5	.....	Yakima, Wash.....	14	.....
Oklahoma City, Okla.....	22	.....	Youngstown, Ohio.....	6	.....
Omaha, Nebr.....	40	.....	Zanesville, Ohio.....	3	.....

**SYPHILIS.**

**Cases Reported in Extra-Cantonment Zones, Week Ended Mar. 29, 1919.**

Cases.	Cases.		
Fayetteville sanitary district, N. C.....	1	Picric acid plant zone, Ga.....	1
Gas and Flame School zone, Ga. and Ala.....	5	Camp Pike zone, Ark.....	4
Camp Gordon zone, Ga.....	24	Camp Polk zone, N. C.....	3
Gulfport health district, Miss.....	1	Camp Sheridan zone, Ala.....	18
Camp A. A. Humphreys zone, Va.....	2	Camp Sherman zone, Ohio.....	3
Camp Jackson zone, S. C.....	25	Camp Zachary Taylor zone, Ky. and Ind.....	37
Camp Lee zone, Va.....	3	Tidewater health district, Va.....	1
Muscle Shoals sanitary district, Ala.....	9	Camp Travis zone, Tex.....	2

**TETANUS.**

**City Reports for Week Ended Mar. 15, 1919.**

During the week ended March 15, 1919, there were reported three deaths from tetanus: One each at Charleston, S. C., Philadelphia, Pa., and San Bernardino, Calif.

**TUBERCULOSIS.**

**Cases Reported in Extra-Cantonment Zones, Week Ended Mar. 29, 1919.**

Cases.	Cases.		
Camp Gordon zone, Ga.....	18	Camp Sheridan zone, Ala.....	1
Gulfport health district, Miss.....	1	Camp Sherman zone, Ohio.....	1
Camp A. A. Humphreys zone, Va.....	2	Camp Zachary Taylor zone, Ky. and Ind.....	15
Camp Lee zone, Va.....	1	Tidewater health district, Va.....	1
Muscle Shoals sanitary district, Ala.....	1	Camp Travis zone, Tex.....	8
Picric acid plant zone, Ga.....	1	Camp Upton zone, N. Y.....	1
Camp Pike zone, Ark.....	3	Wilmington sanitary district, N. C.....	3
Camp Polk zone, N. C.....	3		
Portsmouth and Norfolk County health district, Va.....	3		

See also Diphtheria, measles, scarlet fever and tuberculosis, page 708.



## TYPHOID FEVER.

## Cases Reported in Extra-Cantonment Zones, Week Ended Mar. 29, 1919.

	Cases.
Camp Lee zone, Va.....	1
Camp Pike zone, Ark.....	2
Camp Zachary Taylor zone, Ky. and Ind.....	1

## State Reports for February, 1919.

Place.	New cases reported.	Place.	New cases reported.
<b>Kansas:</b>		<b>Pennsylvania—Continued.</b>	
Barber County—		Dauphin County.....	5
Medicine Lodge.....	1	Huntingdon County.....	13
Butler County—		Indiana County.....	1
El Dorado.....	1	Lancaster County.....	4
Ellis County—		Lawrence County.....	1
Ellis.....	1	Lehigh County.....	6
Linn County—		Lycoming County.....	3
Prescott (R. D.).....	1	Mercer County.....	1
Nemaha County—		Mifflin County.....	1
Wetmore.....	1	Monroe County.....	2
Sedgwick County—		Montgomery County.....	4
Valley Center.....	1	Montour County.....	1
Sheridan County—		Northampton County.....	1
Selden (R. D.).....	1	Northumberland County.....	1
Total.....	7	Philadelphia County.....	23
		Schuylkill County.....	2
<b>North Dakota:</b>		Somerset County.....	1
McKenzie County.....	3	Tioga County.....	2
Ransom County.....	1	Union County.....	6
Ward County.....	1	Washington County.....	2
Total.....	5	Wayne County.....	1
		Westmoreland County.....	3
		Total.....	150
<b>Pennsylvania:</b>		<b>South Carolina:</b>	
Adams County.....	1	Marion County.....	3
Allegheny County.....	12	Newberry County.....	1
Armstrong County.....	9	Richland County.....	2
Beaver County.....	4	Total.....	6
Berks County.....	3	<b>Wyoming:</b>	
Blair County.....	3	Lincoln County.....	1
Bucks County.....	2		
Butler County.....	28		
Chester County.....	4		

## City Reports for Week Ended Mar. 15, 1919.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Albany, N. Y.....	1		McKeesport, Pa.....	1	
Allentown, Pa.....	1		Martinsburg, W. Va.....	1	
Auburn, N. Y.....	1	1	Memphis, Tenn.....	20	
Baltimore, Md.....	3	1	Milwaukee, Wis.....	1	
Beverly, Mass.....	1		Missoula, Mont.....		2
Birmingham, Ala.....	2		Mobile, Ala.....		1
Boston, Mass.....	1		Moline, Ill.....	1	
Buffalo, N. Y.....	1		New Bedford, Mass.....	1	
Charleston, W. Va.....	1		New Haven, Conn.....	1	
Chicago, Ill.....	2		New Orleans, La.....	2	
Concord, N. H.....		1	Newton, Mass.....	1	
Dallas, Tex.....	1		New York, N. Y.....	4	3
Dayton, Ohio.....	4		Philadelphia, Pa.....	6	1
Denver, Colo.....	2		Reading, Pa.....	1	
Detroit, Mich.....	1		Richmond, Va.....	2	
Elizabeth, N. J.....	2		Sacramento, Calif.....		1
Fall River, Mass.....		1	St. Louis, Mo.....	1	
Galveston, Tex.....	1		St. Paul, Minn.....	1	
Hammond, Ind.....		1	San Antonio, Tex.....	1	
Hartford, Conn.....	1		San Francisco, Calif.....	2	
Independence, Mo.....	2	2	Scranton, Pa.....	2	
Kansas City, Mo.....		1	Tacoma, Wash.....	1	
Lawrence, Mass.....	1		Washington, D. C.....	1	
Los Angeles, Calif.....	4		Washington, Pa.....	1	
Lowell, Mass.....	1		Wilmington, Del.....	1	
Lynn, Mass.....	1				

DIPHThERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS.

State Reports for February, 1919.

State.	Cases reported.			State.	Cases reported.		
	Diphtheria.	Measles.	Scarlet fever.		Diphtheria.	Measles.	Scarlet fever.
Iowa.....	59	.....	120	Pennsylvania.....	1,176	4,270	861
Kansas.....	89	116	219	South Carolina.....	26	45	19
North Dakota.....	19	1	149	Wyoming.....	9	14	18

City Reports for Week Ended Mar. 15, 1919.

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.
Adams, Mass.....	14,406	2								
Akron, Ohio.....	93,604	39			21		5		9	
Alameda, Calif.....	28,433	3	3						2	1
Albany, N. Y.....	106,632		3		25		2		11	
Allentown, Pa.....	65,109		3		5		2		1	
Alton, Ill.....	23,783	5								
Altoona, Pa.....	59,712		7							
Anderson, Ind.....	24,250	5								
Ann Arbor, Mich.....	15,041	11	3		1		1		1	2
Anniston, Ala.....	14,326								3	
Ansonia, Conn.....	16,954	5								
Appleton, Wis.....	18,005	2								
Arlington, Mass.....	13,073	3	2						1	
Asbury Park, N. J.....	14,629	3	1						1	
Ashtabula, Ohio.....	22,008	7								
Atlanta, Ga.....	196,144	71	1		20	1	6		5	5
Atlantic City, N. J.....	59,515	16					1		8	1
Attleboro, Mass.....	19,776	2	2						1	
Auburn, N. Y.....	37,823	18					2			1
Austin, Tex.....	35,612	5							1	1
Bakersfield, Calif.....	17,543								2	
Baltimore, Md.....	594,637	251	35	3	18		178	4	28	28
Bangor, Me.....	26,958		1							
Barre, Vt.....	12,401	3								
Baton Rouge, La.....	17,544	5	1		1		1			2
Battle Creek, Mich.....	30,159	1	7	1	16		5			
Bayonne, N. J.....	72,204		3		1		4		3	
Beacon, N. Y.....	11,674	2								
Beatrice, Nebr.....	10,437	3								
Beaumont, Tex.....	28,851	13							1	
Bedford, Ind.....	10,613	4					1			
Bellaire, Ohio.....	14,575	20					1			
Belleville, N. J.....	12,797						1			
Beloit, Wis.....	18,547	6								
Benton Harbor, Mich.....	11,069	2			1					
Berkeley, Calif.....	60,427	9					3			
Berlin, N. H.....	13,892	5								
Beverly, Mass.....	22,128	8							3	2
Biddeford, Me.....	17,760	2								
Billings, Mont.....	15,123				1		5			
Birmingham, Ala.....	189,716	61	3		11		2		6	5
Bloomfield, N. J.....	19,013	2			1				2	
Bloomington, Ind.....	11,661	4			1				1	
Boise, Idaho.....	35,951	2					3			
Boston, Mass.....	767,813	275	64	4	6		48		69	27
Braddock, Pa.....	22,060		1						1	
Bradford, Pa.....	14,544						2		1	
Brazil, Ind.....	10,472	10								
Bridgeport, Conn.....	124,724	35	6		10		1		8	2
Bristol, Conn.....	16,318	3	1		7		1		1	
Brockton, Mass.....	69,152	11	2	1	1		5		4	2
Brookline, Mass.....	33,526	8			1					1
Brunswick, Ga.....	10,984	6			5				2	1
Buffalo, N. Y.....	475,781	158	34	9	34	4	17	1	29	14
Burlington, Iowa.....	25,144	13					2			2
Burlington, Vt.....	21,802	11			44					

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

City Reports for Week Ended Mar. 15, 1919—Continued.

City.	Popula- tion as of July 1, 1917 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuber- culosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Butte, Mont.	44,057	.....	2	.....	1	.....	7	.....	.....	.....
Cadillac, Mich.	10,158	4	1	.....	.....	.....	.....	.....	.....	.....
Cairo, Ill.	15,995	8	.....	.....	.....	.....	.....	.....	.....	2
Cambridge, Mass.	114,293	24	7	.....	2	.....	3	.....	3	2
Camden, N. J.	108,117	.....	1	.....	2	.....	.....	.....	3	.....
Canton, Ohio	62,566	21	2	.....	8	.....	1	.....	.....	.....
Centralia, Ill.	11,838	.....	.....	.....	.....	.....	.....	.....	.....	.....
Chambersburg, Pa.	12,475	.....	.....	.....	.....	.....	.....	.....	3	.....
Champaign, Ill.	15,052	1	.....	.....	.....	.....	.....	.....	.....	.....
Chanute, Kans.	12,968	6	.....	.....	.....	.....	1	.....	.....	.....
Charleston, S. C.	61,041	30	.....	.....	.....	.....	.....	.....	1	3
Charleston, W. Va.	31,060	16	.....	.....	.....	.....	.....	.....	1	5
Charlotte, N. C.	40,759	21	.....	.....	11	.....	.....	.....	1	2
Chelsea, Mass.	48,405	23	.....	.....	.....	.....	2	.....	2	.....
Chester, Pa.	41,857	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cheyenne, Wyo.	111,320	.....	.....	.....	.....	.....	.....	.....	.....	.....
Chicago, Ill.	2,547,201	917	105	12	339	4	76	2	409	82
Chicopee, Mass.	29,950	13	4	1	.....	.....	1	.....	2	1
Chillicothe, Ohio	15,625	11	1	.....	.....	.....	.....	.....	1	.....
Cincinnati, Ohio	414,248	218	16	4	9	.....	17	.....	20	14
Cleveland, Ohio.	692,259	318	18	.....	29	.....	10	.....	28	26
Clinton, Iowa	27,678	.....	1	.....	.....	.....	.....	.....	.....	.....
Clinton, Mass.	113,075	5	.....	.....	.....	.....	.....	.....	2	.....
Coatesville, Pa.	14,998	.....	.....	.....	53	.....	1	.....	.....	.....
Coffeyville, Kans.	18,331	.....	.....	.....	14	.....	.....	.....	2	.....
Cohoes, N. Y.	25,292	12	1	.....	.....	.....	2	.....	1	1
Colorado Springs, Colo.	38,965	17	.....	.....	.....	.....	3	.....	1	5
Columbia, S. C.	35,165	.....	1	.....	1	.....	.....	.....	.....	.....
Columbus, Ohio.	223,135	120	3	.....	2	.....	4	.....	4	7
Concord, N. H.	22,858	16	.....	.....	.....	.....	2	.....	4	2
Corpus Christi, Tex.	10,789	2	.....	.....	.....	.....	.....	.....	1	1
Council Bluffs, Iowa	31,838	25	.....	.....	2	.....	.....	1	.....	.....
Covington, Ky.	59,623	30	1	.....	.....	.....	2	.....	3	4
Cranston, R. I.	26,773	8	2	.....	.....	.....	3	.....	.....	.....
Cumberland, Md.	26,686	9	4	.....	60	.....	.....	.....	4	1
Dallas, Tex.	129,738	36	2	.....	1	.....	1	.....	3	3
Danvers, Mass.	10,037	.....	2	.....	.....	.....	.....	.....	.....	.....
Danville, Ill.	32,969	23	.....	.....	1	.....	.....	.....	3	3
Davenport, Iowa.	49,618	.....	1	.....	.....	.....	.....	.....	.....	.....
Dayton, Ohio.	128,939	40	2	.....	1	.....	3	.....	2	2
Decatur, Ill.	41,483	10	.....	.....	.....	.....	.....	.....	9	1
Dedham, Mass.	10,618	3	1	.....	.....	.....	.....	.....	.....	.....
Denver, Colo.	268,439	104	9	.....	2	.....	7	.....	.....	24
Des Moines, Iowa.	134,052	.....	2	.....	1	.....	13	.....	.....	.....
Detroit, Mich.	619,648	304	76	9	8	1	75	2	24	22
Dover, N. H.	13,276	3	.....	.....	.....	.....	.....	.....	1	1
Dubuque, Iowa.	40,096	.....	1	.....	.....	.....	2	.....	.....	.....
Duluth, Minn.	97,077	21	2	.....	6	.....	.....	.....	3	.....
Durham, N. C.	26,160	9	.....	.....	1	.....	.....	.....	1	1
East Chicago, Ind.	30,266	14	.....	.....	.....	.....	.....	.....	.....	.....
East Hampton, Mass.	10,656	.....	.....	.....	.....	.....	1	.....	.....	.....
East Liverpool, Ohio.	22,941	13	.....	.....	.....	.....	1	.....	.....	.....
Easton, Pa.	30,854	.....	.....	.....	7	.....	.....	.....	.....	.....
East Orange, N. J.	43,761	6	2	.....	.....	.....	3	.....	2	1
Eau Claire, Wis.	18,887	.....	2	.....	11	.....	.....	.....	1	.....
Elgin, Ill.	28,562	10	1	.....	.....	.....	2	.....	.....	.....
Elizabeth, N. J.	88,630	12	.....	.....	3	.....	11	.....	2	1
Elmira, N. J.	38,272	15	3	.....	15	.....	.....	.....	1	.....
El Paso, Tex.	69,140	40	.....	.....	5	.....	1	.....	.....	4
Englewood, N. J.	12,603	2	1	.....	.....	.....	.....	.....	2	.....
Erie, Pa.	76,592	.....	2	.....	1	.....	4	.....	3	.....
Eureka, Cal.	15,142	4	.....	.....	.....	.....	.....	.....	.....	.....
Evanston, Ill.	28,334	6	1	.....	.....	.....	2	.....	.....	.....
Evansville, Ind.	76,661	28	3	.....	.....	.....	2	1	2	.....
Everett, Mass.	49,160	9	5	.....	6	.....	1	.....	3	2
Everett, Wash.	37,205	.....	.....	.....	.....	.....	2	.....	.....	.....
Fall River, Mass.	129,828	43	5	.....	65	1	1	.....	10	3
Fargo, N. Dak.	17,872	9	.....	.....	2	1	10	1	.....	.....
Findlay, Ohio.	14,858	6	.....	.....	4	.....	.....	.....	.....	1
Fitchburg, Mass.	42,419	6	1	.....	2	.....	.....	.....	4	1
Flint, Mich.	57,366	16	9	.....	.....	.....	5	.....	.....	.....
Fond du Lac, Wis.	21,486	6	.....	1	.....	.....	4	.....	.....	2

1 Population Apr. 15, 1910.

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

City Reports for Week Ended Mar. 15, 1919—Continued.

City.	Population as of July 1, 1917 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Fort Scott, Kans.	10,564	5	1				1			
Fort Wayne, Ind.	78,014	27	4	2						1
Fort Worth, Tex.	109,597	22					1		2	
Fostoria, Ohio.	10,959	5								
Framingham, Mass.	14,149	6	1		1				1	
Frederick, Md.	11,225	6								
Freeport, Ill.	19,844	9								
Fremont, Ohio.	11,034	5							1	2
Fresno, Calif.	36,314	7	1							
Galesburg, Ill.	24,629	8	1		2					
Galveston, Tex.	42,650	10								1
Geneva, N. Y.	13,915	6								
Grand Forks, N. Dak.	16,342	4								
Grand Rapids, Mich.	132,861	41	1		29		1		6	2
Great Falls, Mont.	13,948	11			12		2			
Green Bay, Wis.	30,017	19	1							
Greenfield, Mass.	12,251	4	6							
Greensboro, N. C.	20,171	6								1
Greensburg, Pa.	15,881				3		1			
Greenville, S. C.	18,574	5								2
Greenwich, Conn.	19,504						2		2	
Hackensack, N. J.	17,412	7							1	1
Hammond, Ind.	27,016	6					1			
Hancock, Mich.	12,578	6								
Harrisburg, Pa.	73,276		3		7		3			
Harrisburg, N. J.	17,345								1	
Hartford, Conn.	112,851	56	4		65		9		7	3
Haverhill, Mass.	49,180	11	1						2	2
Hazleton, Pa.	28,961				2		1			
Hibbing, Minn.	17,560		2							
Highland Park, Mich.	33,859	8	5		1		2			
High Point, N. C.	13,439								1	
Hoboken, N. J.	78,324	25	7	1	3		1		2	2
Holland, Mich.	12,459	4								1
Holyoke, Mass.	66,503		1	1			6		2	2
Houston, Tex.	116,878	47	1		11		4			3
Hudson, N. Y.	12,698	6								
Hutchinson, Kans.	21,461		1		9		2			
Independence, Mo.	11,964	11	1		2				1	2
Indianapolis, Ind.	283,622	139	12		18		10		5	5
Ironwood, Mich.	15,045		3				1			
Ithaca, N. Y.	16,017	3	1		2		11	1		
Jamestown, N. Y.	37,431	13	1				6		3	1
Janesville, Wis.	14,411	6								
Jersey City, N. J.	312,557		30		45		7		14	
Johnstown, N. Y.	10,678	4								
Johnstown, Pa.	70,473		2		2				6	
Kalamazoo, Mich.	50,408	19								
Kankakee, Ill.	14,270									
Kansas City, Kans.	102,096		3		2		1		4	
Kansas City, Mo.	305,816	118	17	1	28	1	11	1	1	11
Kearny, N. J.	24,325	9	1				4		3	
Keene, N. H.	10,725	6							1	
Kenosha, Wis.	32,833		2		63				1	
Knorrville, Tenn.	59,112						1		1	1
Kokomo, Ind.	21,929	22	1				12	1		
Lackawanna, N. Y.	16,219	7	1		2					
La Crosse, Wis.	31,833	8								
La Fayette, Ind.	21,481	13								2
Lakewood, Ohio.	23,813	9			1					
Lancaster, Ohio.	16,086									
Lancaster, Pa.	51,437		4		208		1		1	
Laurel, Miss.	12,313		1				1			
Lawrence, Mass.	102,923	33	1	1					6	5
Lebanon, Pa.	20,947				40					
Lima, Ohio.	37,145	11	1				3		1	
Lincoln, Nebr.	46,957	19	3	1			4			
Little Rock, Ark.	58,716	13					2	2	2	
Logansport, Ind.	21,338	3						2		
Long Beach, Calif.	29,163	15								
Long Branch, N. J.	15,733	1								

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

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

City Reports for Week Ended Mar. 15, 1919—Continued.

City.	Population as of July 1, 1917 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Lorain, Ohio.....	28,266	16			27	1	1		1	1
Los Angeles, Calif.....	535,485	158	6		7		11		49	20
Louisville, Ky.....	240,808	208	7		23		8		3	7
Lowell, Mass.....	114,366	32	8	2	1		3		7	1
Lynchburg, Va.....	33,497	10								
Lynn, Mass.....	104,534	24	6	1	11			1	6	2
Macon, Ga.....	46,099	15			5					
Madison, Wis.....	31,315	18	1		31		2		1	1
Mahanoy City, Pa.....	17,709								1	
Malden, Mass.....	52,243	9			1		2			1
Manchester, Conn.....	15,859				2				1	1
Manchester, N. H.....	79,607	18	1	1	2				2	1
Manitowoc, Wis.....	13,931	5					2	1		
Marinette, Wis.....	14,610	4			7					
Marion, Ind.....	19,923	7					9			1
Marion, Ohio.....	24,129								1	
Marlboro, Mass.....	15,285	2	2				1			
Martinsburg, W. Va.....	12,934				13		1			
Martins Ferry, Ohio.....	10,135		3							
Mason City, Iowa.....	14,938	9								
Medford, Mass.....	26,681	11	1		1		2			
Melrose, Mass.....	17,724	3			3					
Memphis, Tenn.....	151,877	70	3		9		3		12	6
Meriden, Conn.....	29,431		3				3			
Methuen, Mass.....	14,320	3					1			
Middletown, N. Y.....	15,890								3	
Middletown, Ohio.....	16,384	9			4					
Milwaukee, Wis.....	445,008	131	9	5	3		37		16	14
Minneapolis, Minn.....	373,448	122	21	1	7		20		23	15
Missoula, Mont.....	19,075	8					3			
Mobile, Ala.....	59,201	27			8		1			4
Moline, Ill.....	27,976	6								
Monessen, Pa.....	23,070		2							
Montclair, N. J.....	27,087	1	2		1				2	
Montgomery, Ala.....	44,039	27					1		1	2
Morgantown, W. Va.....	14,444	3					1			
Morristown, N. J.....	13,410	5								
Mount Carmel, Pa.....	20,709								2	
Mount Vernon, Ill.....	10,043	16	1						2	2
Nanticoke, Pa.....	23,811				2					
Nashua, N. H.....	27,541	10					3			1
Nashville, Tenn.....	118,136	53	1		14	2	2		7	7
Natick, Mass.....	10,140	7								
Newark, Mass.....	418,789	141	27	3	7		39		48	17
Newark, N. J.....	30,317	17			1					
New Bedford, Mass.....	121,822	31	1		2		3		17	6
New Britain, Conn.....	55,385	22	5		51	1	8			3
New Brunswick, N. J.....	25,855				4		2		1	
Newburgh, N. Y.....	29,893	15	1						1	2
Newburyport, Mass.....	15,291	7			2		1			2
New Castle, Pa.....	41,915		2							
New Haven, Conn.....	152,275	46	8		35		6		10	2
New London, Conn.....	21,199	7	6				3		1	
New Orleans, La.....	377,010	150	6		2		3		25	20
Newport, Ky.....	32,133	21							2	2
Newport, R. I.....	30,785	6					2			
Newton, Mass.....	44,345	13	2		2				4	2
New York, N. Y.....	5,737,492	1,954	355	53	46	4	168	2	372	198
Niagara Falls, N. Y.....	38,466	25	3		2				4	2
Norfolk, Va.....	91,148	5	5				2			3
Norristown, Pa.....	31,969				9		9			
North Adams, Mass.....	122,019	8							2	
Northampton, Mass.....	20,006	12	1	1			1	1		2
North Attleboro, Mass.....	11,218	1								
North Tonawanda, N. Y.....	14,069	3			14					
Norwalk, Conn.....	27,332						2		1	2
Norwich, Conn.....	21,923	2					1		1	1
Norwood, Ohio.....	23,269	8							1	1
Oakland, Calif.....	206,405		2	1			3		6	8
Oak Park, Ill.....	27,816	10			3					
Ogdensburg, N. Y.....	16,845	5								

1 Population Apr. 15, 1910.

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

City Reports for Week Ended Mar. 15, 1919—Continued.

City.	Population as of July 1, 1917 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Ogden, Utah.....	32,343	8					2			
Oil City, Pa.....	20,162		1				1			
Oklahoma City, Okla.....	97,588	15			2		3		1	
Olean, N. Y.....	16,927	8								1
Omaha, Nebr.....	177,777	45	4	1	11		3			2
Orange, N. J.....	33,636	20	2		1		3		1	
Oshkosh, Wis.....	36,549	15								
Palestine, Tex.....	12,075	3								1
Parkersburg, W. Va.....	21,059	8	1							
Pasadena, Calif.....	49,620		1		1					
Passaic, N. J.....	74,478	24	5	1				3		1
Pawtucket, R. I.....	60,666	35	5				2			2
Peekskill, N. Y.....	19,034	9								
Peoria, Ill.....	72,184	38	5		1		4			1
Perth Amboy, N. J.....	42,646	6	3					3		
Philadelphia, Pa.....	1,735,514	642	84	10	34	1	63	2	114	74
Phillipsburg, N. J.....	15,879	1								
Phoenixville, Pa.....	11,871				5					
Pine Bluff, Ark.....	17,777						3		1	
Piqua, Ohio.....	14,275	5								
Pittsburgh, Pa.....	586,196		14		5		11		27	
Pittsfield, Mass.....	39,678	17								1
Plainfield, N. J.....	24,330	5	2		2		3		1	
Plattsburg, N. Y.....	13,111	5						2		
Plymouth, Pa.....	19,439				32					
Pomona, Calif.....	13,624	1								
Fontiac, Mich.....	18,006	11	9	1			1			
Port Chester, N. Y.....	16,727	6								1
Portland, Me.....	64,720	12		1			5			
Portland, Oreg.....	308,399	59	2				8		4	5
Portsmouth, N. H.....	11,730						1		1	
Portsmouth, Va.....	40,693							1		1
Pottsville, Pa.....	22,717		3		5					
Poughkeepsie, N. Y.....	30,786	15	4		2				2	1
Providence, R. I.....	259,895	76	20		3	1	11			6
Pueblo, Colo.....	56,084	10					1			
Quincy, Ill.....	36,832	7	1				6			4
Quincy, Mass.....	39,022	7							2	
Racine, Wis.....	47,465	15						3		
Rahway, N. J.....	10,361	3								1
Raleigh, N. C.....	20,274	16							1	1
Reading, Pa.....	111,607		3		203		1			
Redlands, Calif.....	14,573	2								1
Reno, Nev.....	15,514	7								
Richmond, Va.....	153,702	60	1		7				6	5
Riverside, Calif.....	20,496	1								
Roanoke, Va.....	46,282	10		1	8				1	
Rochester, N. Y.....	264,714	91	10	2	1		22	2	8	7
Rockford, Ill.....	56,739	14			16		3			
Rock Island, Ill.....	29,452	10			2		1			
Rocky Mount, N. C.....	12,673	4								
Rome, N. Y.....	24,259						1		4	
Rutland, Vt.....	15,038	5								
Sacramento, Calif.....	68,984	21					2			2
Saginaw, Mich.....	50,469	25	3		1		2			1
Saint Cloud, Minn.....	12,013								2	
Saint Joseph, Mo.....	86,498	31	3				6			2
Saint Louis, Mo.....	768,630	319	23	5	12		15	1	25	18
Saint Paul, Minn.....	252,465	59	12	1	28		13		13	2
Salem, Mass.....	49,346	2					14			1
Salt Lake City, Utah.....	121,623	40	2	3			6			3
San Angelo, Tex.....	10,321	3								2
San Antonio, Tex.....	128,215	9	11	1	1		1		9	7
San Bernardino, Calif.....	17,616	12								
San Diego, Calif.....	56,412	28	2				4		16	6
Sandusky, Ohio.....	20,226	13			1		1		1	
San Francisco, Calif.....	471,023	139	16	2	1		6		31	24
Santa Barbara, Calif.....	15,360	7								1
Santa Cruz, Calif.....	15,150	4								
Saratoga Springs, N. Y.....	13,839	6	1							1
Saugus, Mass.....	10,210	1	4	1						
Sault Ste. Marie, Mich.....	14,130	3					2			

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

City Reports for Week Ended Mar. 15, 1919—Continued.

City.	Population as of July 1, 1917 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Death.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Schenectady, N. Y.	103,774	25	4				1		4	3
Scranton, Pa.	149,541		7		1		7		4	
Seattle, Wash.	366,445		7		7		11			
Shamokin, Pa.	21,274		6		1					
Shenandoah, Pa.	29,753		3		8				1	
Sioux City, Iowa	58,588		1		1		2			
Southbridge, Mass.	88,618	31	9		8		5		3	2
South Bend, Ind.	70,967	9			94					2
Southbridge, Mass.	14,465	4								
Spartanburg, S. C.	21,985	5			1					2
Springfield, Ill.	62,623	38	2	1						1
Springfield, Mass.	108,668	35	6				3		2	6
Springfield, Mo.	41,169	14								3
Springfield, Ohio.	52,269	25			20				1	1
Steeltown, Pa.	15,759		1		6				3	
Steubenville, Ohio.	28,259	18								
Stockton, Calif.	36,209	18	3				1			
Streator, Ill.	14,313	5								
Superior, Wis.	47,167	11	1				1			
Syracuse, N. Y.	158,559	45	8		3		9	1	3	2
Tacoma, Wash.	117,446				1		2			
Taunton, Mass.	36,610	16			5		2		2	3
Terre Haute, Ind.	67,361	39	1							
Toledo, Ohio.	202,010	73	2				7			11
Topeka, Kans.	49,538	8	1		1				7	1
Trenton, N. J.	113,974	41	4		4				7	6
Troy, N. Y.	78,094	36	5		3		11		6	3
Tuscaloosa, Ala.	10,824		1						2	
Tyler, Tex.	12,101						1			
Uniontown, Pa.	21,600		1							
Vallejo, Cal.	13,803	3								
Wakefield, Mass.	12,947	2					1			
Waltham, Mass.	31,011	6					1		1	
Warren, Pa.	15,083		1							
Washington, D. C.	369,282	140	24	2	4		23		31	7
Washington, Pa.	22,076								1	
Watertown, Mass.	15,188	2			1		2			
Watertown, N. Y.	30,404	5								
Wausau, Wis.	19,666	9			1		1			
West Chester, Pa.	13,403				2		21			
Westfield, Mass.	18,789	5	1				2		1	2
West Hoboken, N. J.	41,386	6			1				3	1
West New York, N. J.	19,613	4	5				2		3	
West Orange, N. J.	13,964	1	4							
Wheeling, W. Va.	43,657	30					1		1	1
White Plains, N. Y.	23,331	1	1				1		2	
Wichita, Kans.	73,597								2	1
Wilkes-Barre, Pa.	78,334		3		9		2		7	
Wilkinsburg, Pa.	23,839				1		2			
Williamsport, Pa.	34,123		1		1		3			
Wilmington, Del.	95,369	33	1				2		2	2
Wilmington, N. C.	30,400	16			2				3	
Winchester, Mass.	10,812	3								
Winona, Minn.	13,583	6								1
Winston-Salem, N. C.	33,136	12	1		8	1			3	1
Winthrop, Mass.	13,105	1					1			
Woburn, Mass.	16,076	5								2
Worcester, Mass.	166,106	60	6	1	38	3	6		7	2
Yakima, Wash.	22,058		1							7
Yonkers, N. Y.	103,066	24	2		2		1			2
Youngstown, Ohio.	112,282	42	5	1	50		7		3	2
Zanesville, Ohio.	31,320	14			15				1	4

1 Population Apr. 15, 1910.

## FOREIGN.

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### CANADA.

#### Influenza—Province of Ontario—February, 1919.

During the month of February, 1919, 812 fatal cases of influenza, including 150 cases occurring previously but not notified at the time of occurrence, were reported in the Province of Ontario, Canada. Decline in the mortality from influenza in the Province is shown by the following figures: Month of October, 1918, number of deaths, 3,015; November, 1918, 2,608; December, 1918, 1,568; January, 1919, 1,514.<sup>1</sup>

### FRANCE.

#### Influenza—Marseille.<sup>2</sup>

During the month of December, 1918, 353 fatal cases of influenza were reported at Marseille, France, with 71 deaths from pneumonia and 275 from other respiratory diseases. (Total number of deaths from all causes, 1,892.)

### LIBERIA.

#### Quarantine Against Influenza Modified.<sup>3</sup>

The quarantine restrictions which were put in force, October 5; 1918, to prevent the introduction of influenza into Liberia from ports in Africa, were declared out of force January 2, 1919, except that in the case of a vessel arriving at a port in Liberia with history of fatal cases of influenza occurring on board within five days of arrival, the vessel should be placed in quarantine and made subject to the restrictions contained in quarantine circular of October 5, 1918.

### MADEIRA.

#### Influenza—Funchal.

Influenza was reported present at Funchal, Madeira, with 3 fatal cases, during the week ended March 1, 1919. (Total number of deaths during the week, 22.)

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<sup>1</sup> Public Health Reports, Mar. 7, 1919, p. 482.

<sup>2</sup> Public Health Reports, Nov. 29, 1918, p. 2143.

<sup>3</sup> Public Health Reports, Dec. 13, 1918, p. 2244.



**CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER.****Reports Received During Week Ended Apr. 4, 1919.<sup>1</sup>****CHOLERA.**

Place.	Date.	Cases.	Deaths.	Remarks.
<b>India:</b>				
Bombay.....	Jan. 19-25.....	2,096	1,926	
Calcutta.....	do.....		304	
Karachi.....	Jan. 26-Feb. 8.....	2	2	
Madras.....	Jan. 26-Feb. 1.....	86	70	
<b>Indo-China:</b>				
Cochin-China—				
Saigon.....	Jan. 13-26.....	54	35	
<b>Java:</b>				
East Java.....				Dec. 10-31, 1918: Cases, 273;
Surabaya.....	Dec. 10-31.....	19	22	deaths, 229. Jan. 1-7, 1919:
Do.....	Jan. 1-7.....	4	4	Cases, 7; deaths, 6.
West Java.....				Jan. 3-23, 1919: Cases, 8; deaths, 1.
Batavia.....	Jan. 10-23.....	6	1	
Cheribon.....	Jan. 3-9.....	1		

**PLAGUE.**

<b>Egypt.....</b>				Jan. 1-Feb. 27, 1919: Cases, 65;
Provinces—				deaths, 53.
Assiout.....	Feb. 24-27.....	5	2	1 septicemic.
Girgeh.....	Feb. 22-24.....	4	2	2 pneumonic.
Minieh.....	Feb. 21-27.....	2	2	1 pneumonic.
Suez.....	Feb. 23.....	2	1	
<b>India.....</b>				Jan. 12-25, 1919: Cases, 4,479;
Madras.....	Jan. 26-Feb. 1.....	1	1	deaths, 3,250.
Madras Presidency.....	do.....	477	332	
Rangoon.....	Jan. 19-25.....	14	14	
<b>Indo-China:</b>				
Cochin-China—				
Saigon.....	Jan. 13-19.....	1	1	
<b>Java:</b>				
East Java.....				Dec. 10-31, 1918: Cases, 62; deaths,
Surabaya (district).....	Dec. 10-31.....	31	31	62. Jan. 1-7, 1919: Cases, 32;
Do.....	Jan. 1-7.....	20	20	deaths, 32.

**SMALLPOX.**

<b>Brazil:</b>				
Rio de Janeiro.....	Dec. 1-28.....	46	19	
Do.....	Dec. 29-Jan. 25.....	25	11	Oct. 6-12, 1918: Cases, 15; deaths,
<b>Canada:</b>				10.
Nova Scotia—				
Halifax.....	Mar. 9-15.....	30		
Ontario—				
Ottawa.....	do.....	8		
Quebec—				
Quebec.....	do.....	1		
<b>China:</b>				
Amoy.....	Feb. 4-17.....			Increasing.
Antung.....	Feb. 10-16.....	1		
Foochow.....	Feb. 2-8.....			Present.
<b>Great Britain:</b>				
Liverpool.....	Feb. 23-Mar. 1.....	3		2 cases from vessels.
<b>Greece:</b>				
Saloniki.....	Feb. 2-15.....		3	
<b>India:</b>				
Bombay.....	Jan. 19-25.....	19	9	
Calcutta.....	Jan. 19-25.....		15	
Karachi.....	Feb. 2-8.....	8	1	
Madras.....	Jan. 26-Feb. 1.....	18	8	
<b>Indo-China:</b>				
Cochin-China.....				
Saigon.....	Jan. 20-26.....	2	2	
<b>Japan:</b>				
Taihoku.....	Jan. 22-Feb. 11.....	123	17	Island of Formosa.
<b>Java:</b>				
East Java.....				Dec. 10-31, 1918: Cases, 1; deaths,
Surabaya district.....	Dec. 10-31.....	1	1	1. Jan. 1-7, 1919: Cases, 1.
Do.....	Jan. 1-7.....	1		
West Java.....				Jan. 3-23, 1919: Cases, 119;
Batavia.....	Jan. 3-23.....	21	15	deaths, 29.

<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 Apr. 4, 1919—Continued.**

**SMALLPOX—Continued.**

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Mexico:</b>				
Mexico City.....	Feb. 23-Mar. 8....	2	.....	
<b>Newfoundland:</b>				
St. Johns.....	Mar. 8-14.....	4	.....	
<b>Outports—</b>				
Humbermouth.....	Mar. 15-21.....	.....	.....	Present.
Kings Cove.....	Mar. 8-14.....	1	.....	
Mortons Harbor.....	Mar. 8-14.....	1	.....	
St. Georges.....	Mar. 8-14.....	4	.....	
<b>Siberia:</b>				
Vladivostok.....	Jan. 17-23.....	.....	1	
<b>Spain:</b>				
Barcelona.....	Feb. 5-11.....	.....	1	
Madrid.....	Jan. 1-31.....	.....	58	
Valencia.....	Jan. 11-18.....	32	4	

**TYPHUS FEVER.**

<b>Brazil:</b>				
Rio de Janeiro.....	Dec. 15-22.....	2	.....	
Do.....	Dec. 29-Jan. 25.....	3	.....	
<b>Greece:</b>				
Saloniki.....	Feb. 2-15.....	.....	19	
<b>Japan:</b>				
Nagasaki.....	Feb. 10-23.....	8	1	
<b>Mexico:</b>				
Mexico City.....	Feb. 23-Mar. 8....	81	.....	
<b>Netherlands:</b>				
Rotterdam.....	Feb. 2-15.....	194	24	
<b>Siberia:</b>				
Vladivostok.....	Jan. 17-30.....	6	1	

**YELLOW FEVER.**

<b>Colombia:</b>				
Cartagena.....	Jan. 20-Feb. 4....	.....	4	

**Reports Received from Dec. 28, 1918, to Mar. 28, 1919.**

**CHOLERA.**

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Ceylon:</b>				
Colombo.....	Nov. 17-30.....	4	5	
<b>Germany:</b>				
Berlin.....	To Oct. 5.....	17	11	
Bremen.....	Oct. 13-19.....	1	.....	On a barge.
Marienwerder.....	.....	.....	.....	1 case in October, 1918, on a barge in canal.
<b>India:</b>				
Bombay.....	Aug. 18-Dec. 28....	1,351	1,031	
Do.....	Dec. 29-Jan. 18....	1,692	1,437	
Calcutta.....	Sept. 20-Dec. 21....	.....	241	Report for Nov. 23, 1918, missing.
Do.....	Dec. 29-Jan. 18....	.....	197	
Madras.....	Oct. 5-Dec. 28....	264	164	Oct. 27-Nov. 2, 1918: Cases, 9;
Do.....	Jan. 5-18.....	288	197	deaths, 4.
Rangoon.....	Oct. 5-Dec. 21....	35	33	
Do.....	Dec. 29-Jan. 18....	13	10	
<b>Indo-China:</b>				
Anam.....	July 1-Aug. 31....	37	30	July 1-Aug. 31, 1918: Cases, 670;
Cambodia.....	.....do.....	322	169	deaths, 412.
Cochin-China.....	.....do.....	357	279	
Saigon.....	Oct. 7-Dec. 22....	75	45	
Do.....	Dec. 3-Jan. 5.....	94	47	
Kwang-Chow-Wan.....	July 1-31.....	50	34	
Tonkin.....	July 1-Aug. 31....	4	.....	

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

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

**CHOLERA—Continued.**

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Java:</b>				
East Java				Oct. 7-21, 1918: Cases, 109; deaths, 94.
Surabaya district	Oct. 7-Nov. 18	636	391	
Mid-Java				Sept. 25-Dec. 18, 1918: Cases, 3,282; deaths, 2,014.
Samarang	Sept. 26-Oct. 16	120	111	
West Java				Oct. 3-Dec. 11, 1918: Cases, 412; deaths, 238. Dec. 27, 1918-Jan. 2, 1919: Cases, 2; deaths, 2.
Batavia	Oct. 3-Dec. 11	291	148	
Do	Dec. 27-Jan. 2	2	2	
<b>Mesopotamia:</b>				
Bagdad	Oct. 11-18	8		
<b>Philippine Islands:</b>				
Manila	Sept. 22-Dec. 28	181	121	
Do	Dec. 29-Feb. 1	16	7	
<b>Provinces:</b>				Nov. 2-9, 1918: Cases, 511; deaths, 417. Nov. 17-Dec. 28, 1918: Cases, 1,203; deaths, 868. Dec. 29, 1918-Feb. 1, 1919: Cases, 539, deaths, 396.
Albay	Dec. 15-21	1	1	
Bataan	Nov. 17-Dec. 28	38	32	
Do	Jan. 5-11	2	2	
Batangas	Nov. 2-9	156	141	
Do	Nov. 17-Dec. 28	79	66	
Do	Dec. 29-Feb. 1	20	15	
Bohol	Nov. 2-9	19	17	
Do	Nov. 17-Dec. 21	12	6	
Do	Jan. 12-Feb. 1	22	15	
Bulacan	Oct. 27-Nov. 2	5	6	
Do	Nov. 17-Dec. 28	44	30	
Do	Dec. 29-Feb. 1	28	17	
Capiz	Dec. 22-28	7	5	
Do	Jan. 5-25	28	14	
Cavite	Oct. 27-Nov. 2	38	28	
Do	Nov. 17-Dec. 21	163	75	
Do	Dec. 29-Jan. 25	17	16	
Cebu	Dec. 15-21	41	20	
Do	Jan. 12-18	13	12	
Ilocos Sur	Dec. 8-28	17	8	
Do	Dec. 29-Feb. 1	37	22	
Iloilo	Oct. 27-Nov. 2	9	6	
Do	Nov. 17-Dec. 21	70	51	
Do	Jan. 5-Feb. 1	49	35	
Laguna	Oct. 27-Dec. 28	18	11	
Do	Dec. 29-Feb. 1	46	38	
Lanao	Jan. 5-11	8	4	
Mindoro	Nov. 24-30	4	5	
Misamis	Oct. 27-Nov. 2	6	5	
Do	Nov. 17-Dec. 28	75	48	
Do	Jan. 5-18	23	17	
Nueva Ecija	Jan. 12-25	9	6	
Oriental Negros	Nov. 2-9	20	8	
Do	Nov. 17-Dec. 7	6	6	
Do	Jan. 5-Feb. 1	22	16	
Pampanga	Nov. 24-Dec. 14	4	4	
Do	Jan. 5-Feb. 1	15	12	
Pangasinan	Nov. 2-9	236	192	
Do	Nov. 17-Dec. 28	428	313	
Do	Dec. 29-Feb. 1	96	61	
Rizal	Oct. 27-Nov. 2	3	1	
Do	Nov. 24-30	16	5	
Samar	Dec. 15-21	8	1	
Sorsogon	Nov. 17-23	8	4	
Do	Jan. 19-25	8	4	
Taysbas	Nov. 2-9	7	4	
Do	Nov. 17-Dec. 28	54	25	
Do	Dec. 29-Feb. 1	54	47	
Union	Nov. 2-Dec. 28	18	14	
Zamboanga	Dec. 8-28	27	19	
Do	Jan. 5-18	19	15	
<b>Poland:</b>				
Warsaw	Sept. 29-Oct. 5	2		
<b>Russia:</b>				
Petrograd	To July 16	3,388	1,054	In civil and military hospitals.
Do	July 17-Sept. 11	3,479	1,455	In military hospitals, July 5-Aug. 21, 1918: Cases, 884; deaths, 783.
<b>Ukrania—</b>				
Ekaterinaslav	Sept. 1-20	7	6	
Odessa	do	25		Sept. 1-20, 1918: 11 cases on s. s. Helena.

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

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

**PLAGUE.**

Place.	Date.	Cases.	Deaths.	Remarks.
Ceylon:				
Colombo.....	Oct. 27-Nov. 2.....	1	1	
China:				
Amoy.....	Nov. 24-Dec. 8.....			Present.
Chungking.....	Dec. 1-7.....			Do.
Hongkong.....	Oct. 1-Dec. 28.....	4	4	
Do.....	Jan. 1-31.....	5	4	
Ecuador:				
Guayaquil.....	July 1-Dec. 31.....	20	7	
Do.....	Jan. 1-Feb. 15.....	36	12	
Taura.....	Dec. 16-31.....	1	1	
Egypt:				
Suez.....	Jan. 31.....	1		Jan. 1-Nov. 21, 1918: Cases, 357; deaths, 153. Jan. 1-Feb. 6, 1919: Cases, 2; deaths, 1.
India:				
Bombay.....	Aug. 18-Dec. 28.....	41	29	Sept. 23-Dec. 28, 1918: Cases, 24,279; deaths, 18,369. Dec. 29, 1918-Jan. 11, 1919: Cases, 3,361; deaths, 2,470.
Do.....	Jan. 12-18.....	1	1	
Calcutta.....	Dec. 22-28.....		1	
Do.....	Jan. 12-18.....		1	
Karachi.....	Oct. 19-Dec. 28.....	17	17	
Do.....	Dec. 29-Jan. 25.....	5	5	
Madras.....	Dec. 8-28.....	26	17	
Do.....	Dec. 29-Jan. 18.....	127	56	
Madras Presidency.....	Oct. 13-Dec. 28.....	1,152	774	Oct. 27-Nov. 2, 1918: Cases, 142; deaths, 138.
Do.....	Dec. 29-Jan. 18.....	1,145	728	
Rangoon.....	Oct. 5-Dec. 21.....		81	
Do.....	Dec. 29-Jan. 18.....	21	19	
Indo-China:				
Anam.....	July 1-Aug. 31.....	37	32	July 1-Aug. 31, 1918: Cases, 125; deaths, 115.
do.....	do.....		49	
Cochin-China.....	do.....	57	33	
Saigon.....	Oct. 7-Nov. 24.....	5	1	
Kwang-Chow-Wan.....	July 1-31.....	1	1	
Java:				
East Java.....				
Surabaya (district).....	Oct. 7-Nov. 18.....	61	61	Oct. 7-Nov. 18, 1918: Cases, 78; deaths, 78.
Mid-Java.....				
Samarang.....	Sept. 25-Oct. 16.....	6	6	Sept. 25-Oct. 16, 1918: Cases, 14; deaths, 14.
Mesopotamia:				
Bagdad.....	Nov. 16-29.....	5	2	
Siam:				
Bangkok.....	Sept. 21-28.....	4	3	
Do.....	Oct. 5-12.....	2	2	
Venezuela:				
Caracas.....	Dec. 30.....	1		
On vessel:				
S. S. Japan.....	Jan. 14.....	1	1	At Suez quarantine station from Bombay.

**SMALLPOX.**

Algeria:				
Algiers.....	Oct. 1-Dec. 31.....	2	1	
Brazil:				
Rio de Janeiro.....	Dec. 30-Jan. 5.....	1		
British East Africa:				
Mombasa.....	Sept. 1-Nov. 30.....	6	1	
Canada:				
New Brunswick—				
Campbellton.....	Dec. 22-28.....	1		
Do.....	Jan. 5-18.....	2		
St. John.....	Nov. 8-14.....	3		
Do.....	Jan. 26-Feb. 22.....	6		
Nova Scotia—				
Bear River.....	Dec. 29-Jan. 4.....			Present.
Bigbee.....	Jan. 10.....			Do.
Do.....	do.....			Do.
Digby.....				
Halifax.....	Dec. 7-28.....	10		
Do.....	Jan. 5-Mar. 8.....	131		
Middleton.....	Dec. 29-Jan. 4.....			Do.
Sydney.....	Jan. 5-Mar. 8.....	4		
Ontario—				
North Bay.....	Jan. 19-25.....	1		
Ottawa.....	Jan. 12-Mar. 8.....	12		
Toronto.....	Feb. 2-15.....	2		

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

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

**SMALLPOX—Continued.**

Place.	Date.	Cases.	Deaths.	Remarks.
Prince Edward Island:				
Charlotte Town.....	Feb. 27-Mar. 5....	1		
Quebec—				
Montreal.....	Jan. 24-Dec. 21....	2		
Do.....	Jan. 12-Mar. 8....	30		
Paspebiac.....	.....do.....	8		
Quebec.....	Dec. 15-21.....	1		
Do.....	Dec. 29-Feb. 15....	13		
Ceylon:				
Colombo.....	Jan. 12-18.....	1		
China:				
Amoy.....	Oct. 13-Dec. 28....			Do.
Do.....	Jan. 5-Feb. 4.....			Do.
Canton.....	Nov. 17-23.....			Do.
Chungking.....	Nov. 10-Dec. 28....			Do.
Do.....	Jan. 5-18.....			Do.
Foochow.....	Nov. 24-Dec. 28....			Do.
Do.....	Dec. 29-Feb. 1....			Do.
Hongkong.....	Dec. 15-21.....	1	1	
Do.....	Feb. 2-8.....	1		
Nanking.....	Dec. 1-28.....			Do.
Do.....	Dec. 29-Feb. 8....			Do.
Shanghai.....	Jan. 20-26.....	1		
Chosen (Korea):				
Chemulpo.....	Nov. 1-Dec. 31....	15	4	
Do.....	Jan. 1-31.....	6	1	
Denmark:				
Copenhagen.....	Nov. 9-Dec. 28....	12		
Do.....	Dec. 29-Jan. 19....	15		
Egypt:				
Alexandria.....	Dec. 17-23.....	1	1	
Do.....	Jan. 22-28.....	1		
France:				
Bordeaux.....	Feb. 8-13.....		1	
Great Britain:				
Liverpool.....	Jan. 26-Feb. 8....	2		
India:				
Bombay.....	Aug. 18-Dec. 28....	35	8	
Do.....	Dec. 29-Jan. 18....	30	8	
Calcutta.....	Sept. 29-Dec. 28....		17	Report for week ended Nov. 23,
Do.....	Dec. 29-Jan. 18....		12	1918, missing.
Karachi.....	Sept. 29-Dec. 28....	13	4	
Do.....	Dec. 29-Jan. 25....	26	7	
Madras.....	Oct. 5-Dec. 28....	62	40	
Do.....	Dec. 29-Jan. 18....	47	15	
Rangoon.....	Oct. 20-Dec. 21....	32	6	
Do.....	Dec. 29-Jan. 18....	68	18	
Indo-China:				
Anam.....	July 1-Aug. 31.....	87	51	
Cambodia.....	Aug. 1-31.....	78	40	July 1-31, 1918: Cases, 302; deaths,
Cochin-China.....	July 1-Aug. 31.....	335	87	104.
Saigon.....	Oct. 7-Dec. 22....	20	5	
Do.....	Dec. 30-Jan. 5....	1	1	
Tonkin.....	July 1-Aug. 31.....	11	1	
Italy:				
Genoa.....	Jan. 9-31.....	2	1	
Palermo.....	Jan. 31-Feb. 20....	2		
Japan:				
Kobe.....	Oct. 26-Dec. 28....	186	46	
Do.....	Dec. 29-Feb. 15....	231	54	
Taihoku.....	Jan. 15-21.....	22	1	Island of Formosa.
Yokohama.....	Jan. 20-26.....	1		
Java:				
East Java.....				Oct. 7-Nov. 27, 1918: Cases, 21.
Surabaya (district).....	Oct. 7-Nov. 18....	15		
Mid-Java.....				Sept. 25-Dec. 13, 1918: Cases, 172;
				deaths, 3.
West Java.....				Oct. 2-Dec. 11, 1918: Cases, 809;
Batavia.....	Oct. 2-Dec. 11....	185	151	deaths, 263. Dec. 27, 1918-
Do.....	Dec. 27-Jan. 2....	13	8	Jan. 2, 1919: Cases, 39; deaths,
				12.
Manchuria:				
Dairen.....	Jan. 15-21.....	1		
Mesopotamia:				
Bagdad.....	Oct. 11-Dec. 27....	308	97	
Do.....	Dec. 28-Jan. 10....	3		

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

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

**SMALLPOX—Continued.**

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Mexico:</b>				
Ciudad Juarez	Nov. 24-30	1		
Mexico City	Sept. 22-Dec. 28	23		
Do	Dec. 29-Jan. 25	8		
Vera Cruz	Feb. 10-16	2		
<b>Newfoundland:</b>				
St. Johns	Dec. 6-20	4		
Do	Dec. 28-Mar. 7	17		
<b>Outports—</b>				
Avondale	do	4		
Blaine Harbor	Dec. 14-20	2		
Bay of Islands	Jan. 11-17	6		
Do	Feb. 15-21	10		
Bay Roberts	Dec. 21-27	1		
Bonavista	Jan. 26-31	1		
Brigus Junction	Mar. 1-7	1		
Bryants Cove	Dec. 7-13	3		
Burin	do	4		
Coleys Point	Dec. 14-20	1		
Curling	Jan. 26-31	3		
Frenchmans Cove	Feb. 1-7	1		
Kings Cove	Jan. 18-24	1		
Little Paradise	Feb. 9-14	1		
McIvers	Feb. 1-7	15		
Merashen	do			Present.
Mercers Cova	Feb. 9-14	1		
Middle Arm	Feb. 1-7	40		Bay of Islands.
Musgrave Harbor	Dec. 7-13	4		
Do	Jan. 11-17	6		Feb. 7, 1919: Present.
Paradise	Dec. 7-13	60		Placentia Bay.
Petitforte	Feb. 15-21	1		
Saddle Hill	do	1		Harbor Grace.
Springdale	Feb. 15-Mar. 7	7		
St. Georges	Feb. 1-28	22		
St. Jacques	Jan. 18-24	2		
<b>Panama:</b>				
Colon	Dec. 15-21	1		Aug. 1-31, 1918: Cases, 133, occurring at Colon, Panama, and points in the interior. Jan. 1-25, 1919: Cases, 28.
Do	Dec. 29-Feb. 9	8		
<b>Philippine Islands:</b>				
Manila	Nov. 2-9	4	3	Varioloid, 9.
Do	Dec. 28-Feb. 1	6	2	
<b>Portugal:</b>				
Lisbon	Nov. 16-Dec. 28	843		
<b>Portuguese East Africa:</b>				
Lourenco Marques				July 1-Oct. 31, 1918: 45 fatal cases.
<b>Siberia:</b>				
Vladivostok	Nov. 1-3	4		
<b>Spain:</b>				
Barcelona	Jan. 9-25		4	
Bilbao	Jan. 1-31	1		
Cadiz	Oct. 1-Dec. 31	18		
Madrid	Sept. 1-Oct. 31	153		
Seville	Nov. 1-Dec. 31		8	
Do	Jan. 1-31		3	
Valencia	Nov. 10-Dec. 21	40	9	
Do	Dec. 29-Jan. 25	61	6	
<b>Straits Settlements:</b>				
Penang	Oct. 6-12	1		
<b>Union of South Africa:</b>				
Cape Town	Aug. 1-30	1		Nov. 1-30, 1918: Cases, 4.
Johannesburg	Aug. 1-Oct. 31	12		

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

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

**TYPHUS FEVER.**

Place.	Date.	Cases.	Deaths.	Remarks.
Algeria:				
Algiers.....	Nov. 1-30.....	1		
Austria-Hungary:				
Hungary.....	Sept. 2-8.....	2		
Brazil:				
Ceara.....	Sept. 14-21.....	1		
São Paulo.....	Jan. 13-19.....	3		
Bulgaria:				
Aeteven.....	Mar. 10.....			Present.
Rustchuk.....	do.....			Do.
China:				
Antung.....	Dec. 2-15.....	2		
Do.....	Jan. 6-12.....		1	
Chosen (Korea):				
Seoul.....	Jan. 1-31.....	2		
Colombia:				
Barranquilla.....	Nov. 8-Dec. 28.....		3	
Do.....	Jan. 5-25.....	2	2	
Egypt:				
Alexandria.....	Oct. 14-Dec. 31.....	85	36	
Do.....	Jan. 1-Feb. 11.....	45	22	
Germany:				
Breslau.....	Sept. 29-Oct. 19.....	12	8	
Königsberg.....	do.....	3	1	
Mostolten.....	do.....	7	2	District of Allenstein.
Great Britain:				
Glasgow.....	Dec. 22-28.....	5		
Do.....	Jan. 5-Feb. 8.....	9	1	
Greece:				
Athens.....	Mar. 8.....	2	2	
Saloniki.....	Sept. 29-Dec. 21.....		34	
Do.....	Dec. 29-Jan. 18.....		59	
Japan:				
Nagasaki.....	Nov. 10-Dec. 29.....	13	4	
Do.....	Dec. 30-Feb. 2.....	11	3	
Java:				
East Java.....				Oct. 7-21, 1918: Cases, 5.
Surabaya.....	Oct. 7-21.....	4		
Mid-Java.....				Sept. 25-Oct. 16, 1918: Cases, 8.
West Java.....				Oct. 2-23: Cases, 31; deaths, 6.
Batavia.....	Oct. 2-23.....	15	4	
Macedonia:				
Drama.....	Mar. 17.....			Present.
Kavala.....	do.....	300		Estimated.
Mesopotamia:				
Bagdad.....	Oct. 5-Dec. 27.....	2		
Do.....	Dec. 28-Jan. 10.....	3		
Mexico:				
Aguascalientes.....	Feb. 2-23.....		3	
Guadalajara.....	Nov. 1-30.....	2		
Mexico City.....	Sept. 22-Dec. 28.....	434		
Do.....	Dec. 29-Jan. 25.....	128		
Netherlands:				
Amsterdam.....	Dec. 8-14.....	1		
Do.....	Jan. 12-18.....	4		
Rotterdam.....				Jan. 30-Feb. 27, 1919: Cases, 462; deaths, 46.
Serbia:				
Belgrade.....	Feb. 5.....	62		Among soldiers and prisoners.
Siberia:				
Vladivostok.....	Sept. 1-Dec. 30.....	43		
Spain:				
Huelva.....	Oct. 1-31.....		2	
Madrid.....	Dec. 1-31.....		1	
Union of South Africa:				
Port Elizabeth.....	Sept. 14-28.....			Present among natives in several interior towns.

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

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

**YELLOW FEVER.**

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Brazil:</b>				
Pernambuco.....	Oct. 1-Nov. 30....	2	1	
<b>Ecuador:</b>				
Babahoyo.....	Nov. 1-30.....	1		
Catarama.....	Feb. 1-15.....	1		
Chobo.....	Jan. 1-15.....	1		
Daule.....	do.....	1	1	
Duran.....	Nov. 1-Dec. 31..	3	2	
Do.....	Jan. 16-Feb. 15..	3	1	
Guayaquil.....	July 1-Dec. 31..	326	177	
Do.....	Jan. 1-Feb. 15..	104	54	
Milagro.....	Nov. 1-15.....	1		
Do.....	Feb. 1-15.....	1		
Naranjal.....	Nov. 1-15.....	1	1	
Do.....	Jan. 1-15.....	1	1	
Naranjito.....	Nov. 1-15.....	1	1	
Do.....	Jan. 1-15.....	1	1	
Payo (Hacienda).....	Nov. 1-15.....	1		
Punta de Piedra.....	Nov. 1-30.....	1		
<b>Salvador:</b>				
San Salvador.....	Jan. 9.....	1		
<b>On vessel:</b>				
S. S. Jamaica.....	Jan. 30.....	1		At quarantine station, Canal Zone, Panama.