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THE RELATION OF THE RAILROADS IN THE SOUTH TO THE PROBLEM OF MALARIA AND ITS CONTROL.¹

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Because of the influence of railroads as agencies of civilization and development, their interests have come to have many features in common with those of the communities which they serve. This is particularly so with reference to economic and sanitary affairs, especially in those sections of the United States in which malaria is quite prevalent. The railroad aspects of this disease are therefore of fundamental importance.

Malaria and its relation to railroads.—The feature of greatest consequence in the relation between railroad interests and the general problem of malaria is the heavy economic burden resulting from diminished earnings, directly through the unnecessary illness, impaired efficiency, and losses of time among employees of the railroad, and indirectly through a similar handicap upon the industries and communities from which railroad revenues are primarily derived. Greatly increased costs of operation of agricultural and industrial enterprises with resulting diminution in output of crops and products; serious interference with the use of materials, power, and other natural advantages, and finally the physical depression of the population all go with a high rate of prevalence of malaria and affect the economic stability of railroads.

Responsibilities of railroads toward the problem of malaria.—Public works and more especially railroad construction operations have long been notorious for their incidental contributions to malaria hazards by creating conditions favoring the development of Anopheles mosquitoes. Among these conditions may be mentioned: Badly located and undrained borrow pits, at times uninterruptedly traversing thickly settled communities; improperly cut right-of-way ditches that have not been provided with outlets; improperly placed culverts and crossings, installed possibly with a view to saving a few feet of pipe or yards of masonry, but preventing the off-flow of normal and storm waters and at times interfering with an entire system of

¹ Read at the meeting of the Surgeons of the Central of Georgia Railroad, Montgomery, Ala., May 15-16, 1918.

natural surface drainage; inadequate provision for drainage behind or through embankments and fills across valleys, resulting in the impounding of water or interference with the normal off-flow of a natural watershed; installation of leaky water towers or failure of provision to carry off their overflow.

These conditions are by no means restricted to this country alone and have long been striven against elsewhere as well as here. Marchisafava and Bignami have discussed the importance of railroad construction in increasing the malaria of a region, and Giles¹ states:

The results of public works are equally disastrous on a larger scale. Every road and railway has, on either side of it, a continuous chain of "borrow-pits," which, in rainy weather, form simply ideal nurseries for mosquitoes of all sorts.

An additional measure of responsibility comes to the railroads because of the dissemination of infection through their labor gangs, which, often badly infected, are moved from place to place and housed in cars permitting the unrestricted access of mosquitoes. This link in the epidemiologic chain of malaria is of first importance, and there can be no doubt that malaria of severe form has been thus introduced not infrequently into fresh environments.

The railroad problem and its solution.—In view of the apparent magnitude of the problem and its diversified character, it might at first appear too monumental to be given consideration at this time. Much, however, can be accomplished by gradually improving existing conditions and no effort should be spared to prevent their recurrence in connection with new works. As may be inferred, much of the systematic solution of the railroad problem of malaria is of a purely engineering nature and will lie largely with departments other than the medical, but there is also an equal if not larger element which constitutes the domain of the physician and sanitarian. An individual having some knowledge of sanitary engineering and preventive medicine would be best qualified to act as executive for this part of the work, since he would be able to unify the several departments affected.

How malaria problem of railroads can be met.—It appears well to summarize in some detail the steps which railroads can take in dealing with the malaria problem. Work given under A and B should in general be undertaken by the engineering departments; that under C and D by the medical and sanitary departments.

A. *Old construction conditions.*—Correction or alleviation of anopheles-breeding and malaria-producing conditions created in connection with previous construction by:

Drainage or filling of borrow pits and low areas where practicable.

Proper provisions for drainage (in a sanitary sense) behind embankments and fills across valleys.

¹ Handbook of the Gnats or Mosquitoes, 2d Ed. London, 1913, p. 197.

Replacing to true gradient of culverts, where necessary.

Drainage or other provision for care of overflow waters at tanks and towers.

Clearing of weeds and refuse at regular intervals (supplemented by oiling if needed) from right-of-way ditches, especially in and adjacent to settlements.

B. *New construction conditions.*—Consideration of sanitary features in connection with new construction works; that is, prevention or correction of conditions menacing the health, especially of settlements and communities. To this end, consultation should be had with the sanitary or medical department before construction is begun. Preference should be invariably given to sanitary works which will influence as large a number of individuals as possible.

C. Encouragement of and participation in intensive mosquito-control campaigns conducted in the communities through which railroads pass.

Careful and thorough treatment of actual cases of malaria among employees at hospital and by local surgeons so as to prevent development of chronicity and relapse as far as possible. The importance of this is paramount, as the presence of malaria among employees is one of the principal causes of inefficient and indifferent service.

Statistical observations through morbidity reports. Reports should be made at stated intervals by each local surgeon to some central office to determine the classes of employees in which most cases appear to originate. These data are indispensable for accurate guidance in the establishment of prophylactic measures.

Education. Systematic educational activities should be engaged in by means of literature, lectures, and, if possible, by actual demonstrations. An exhibit car accompanied by a lecturer is an excellent and popular method of disseminating information. It should be thoroughly impressed upon people that malaria is insidious, communicable, preventable, and curable only by proper and protracted treatment. Where car screens, mosquito bars, or quinine for immunization are employed, their use should be carefully explained.

Consultation with the engineering and maintenance of way departments. The desirability of attention to sanitary features in connection with construction operations has already been referred to.

D. *Prevention of malaria among the several classes of employees.*—Employees may be grouped with reference to the character of their occupations as follows:

1. Engineers, firemen, conductors, and brakemen.
2. Shop mechanics, car repair men, builders, etc.
3. Bridge and construction outfits.
4. Section crews.
5. Extra and steel gangs.

Much of the control work already indicated will affect employees directly, especially those who have a more or less permanent place of abode (for instance, mechanics who live near their shops). But many of those whose duties require their transfer from one section of the line to another can hardly benefit by intensive control work instituted at given points. This latter group constitutes by far the greater proportion of the total employees of a railroad system and is also the group in which the influence of malaria has been greatest. Their protection, then, is a matter which should be given consideration at the outset.

While difficult, their problem can be met by the use of carefully installed and maintained screens for the windows, doors, and other apertures of their bunk cars, supplemented, if thought desirable, by the use of quinine for immunization. Active cases of malaria occurring in construction, extra and steel outfits constitute a menace of the gravest character to their associates and to the near-by communities. Such cases, when applying for care, should be thoroughly treated before being returned to their units.

It has been suggested that the foremen of different outfits performing more or less similar classes of work could be given an interest in the welfare of their gangs in a competitive way by the offer of a fairly substantial bonus to the foreman who is able to present the best and cleanest efficiency and health record at the end of some stated period.

Where it is possible to afford protection to a large number of employes, such as shop mechanics, or repair men and car builders, the line of attack most productive of excellent results is that of intensive control of mosquito production. This class of employees is usually compactly settled in communities which, as has been repeatedly demonstrated in the United States as well as elsewhere, may be rendered practically malaria free at low relative costs.

Education may be employed as a powerful agency for the prevention of malaria among employees. Once the elemental facts of the nature, cause, and transmission of malaria are understood by a sufficiently large proportion of the working force, an immediate return in diminished sickness, increased efficiency, and greater satisfaction among the workers may be confidently expected.

Results obtained in malaria control in connection with railroads.—Quite early in the history of malaria Celli demonstrated the efficacy of screening the cottages of railroad employees along the Rome-Solomona Division, a notoriously malarious section of Italy. In 25 protected cottages, 173 inhabitants had 8 cases of fever, whereas in 30 unprotected cottages 220 inhabitants had 203 cases.

Of more immediate application, however, is the work now in progress as a part of the routine of the St. Louis & Southwestern

Railroad. Impressed with the fact that about 25 per cent of all admissions to the hospital at Texarkana were for malaria, an average of 640 cases being so treated for five days each annually during the past four years, and that this was equivalent to about 4 per cent of the total number of employees, even without including cases seen by local physicians, Mr. Edwin Gould created a fund for the institution of systematic preventive measures. These were begun early in 1917 at the request of the railroad by representatives of the United States Public Health Service, and were later continued by H. W. Van Hovenberg, who was appointed by the railroad to supervise this work. The data here given were obtained from Mr. Hovenberg's reports. In general, the program included intensive control by suppression of the propagation of *Anopheles* mosquitoes at Tyler and Lufkin and later at Texarkana, Keltys, and Wildhurst.

In 1916 32 malaria cases were admitted to hospital at Texarkana from Tyler and Texarkana, whereas in 1917, following the malaria work, only 13 cases were admitted, a reduction of 59.4 per cent. The sale of physicians' prescriptions containing quinine was decreased about 49 per cent. Among bridge and building gangs, whose bunk cars were screened, a reduction of 47.7 per cent was obtained in the number of cases of malaria in 1917 over 1916.

Of particular interest are the results obtained at Keltys, a small lumber community, where malaria had been severe. After one year of work practically no malaria occurred. The mill is stated to have shipped 20 per cent more lumber than ever before. The manager said that had the disease prevailed as in the past the mill would have been closed about half the time, with a freight loss to the Cotton Belt Railroad Co. of about \$30,000 during the months of July to October. The officials of this road have expressed themselves as highly gratified with the results obtained and will continue and extend the antimalaria measures.

VENEREAL DISEASE CONTROL.

AN ORDINANCE PROVIDING FOR THE QUARANTINE OF CASES OF VENEREAL DISEASE UPHELD BY A KENTUCKY COURT.

A telegram, dated August 1, 1918, from Louisville, Ky., states that the legality of a venereal disease ordinance, based on the suggested regulations approved by the Surgeons General of the Army, the Navy, and the Public Health Service, has been upheld by a local court of common pleas, with five judges sitting. The proceeding was habeas corpus seeking the release of a woman held in quarantine for the treatment of venereal disease. The regulations referred to were published in the Public Health Reports March 29, 1918, page 435.

CAMP FUNSTON ZONE, KANS.

| | |
|--------------------|--------|
| Diphtheria: | Cases. |
| Manhattan..... | 1 |
| Gonorrhoea: | |
| Junction City..... | 1 |
| Whooping cough: | |
| Ogden..... | 3 |

CAMP GORDON ZONE, GA.

| | |
|---------------------|----|
| Atlanta: | |
| Diphtheria..... | 2 |
| Gonorrhoea..... | 27 |
| Malaria..... | 2 |
| Measles..... | 3 |
| Mumps..... | 5 |
| Pneumonia..... | 2 |
| Scarlet fever..... | 2 |
| Smallpox..... | 2 |
| Syphilis..... | 20 |
| Trachoma..... | 1 |
| Tuberculosis..... | 10 |
| Typhoid fever..... | 9 |
| Whooping cough..... | 2 |
| Chamblee: | |
| Typhoid fever..... | 1 |

CAMP GREENE ZONE, N. C.

| | |
|------------------------|----|
| Charlotte Township: | |
| Gonorrhoea..... | 13 |
| Malaria..... | 1 |
| Measles..... | 3 |
| Mumps..... | 1 |
| Paratyphoid fever..... | 4 |
| Scarlet fever..... | 10 |
| Syphilis..... | 11 |
| Trachoma..... | 1 |
| Typhoid fever..... | 17 |
| Whooping cough..... | 6 |

GULFPORT HEALTH DISTRICT, MISS.

| | |
|--------------------|----|
| Diphtheria..... | 2 |
| Dysentery..... | 3 |
| Gonorrhoea..... | 6 |
| Malaria..... | 35 |
| Mumps..... | 7 |
| Pneumonia..... | 3 |
| Syphilis..... | 1 |
| Typhoid fever..... | 15 |

CAMP HANCOCK ZONE, GA.

| | |
|---------------------|----|
| Augusta: | |
| Gonorrhoea..... | 9 |
| Malaria..... | 15 |
| Mumps..... | 5 |
| Syphilis..... | 10 |
| Tuberculosis..... | 13 |
| Typhoid fever..... | 3 |
| Whooping cough..... | 10 |

CAMP JACKSON ZONE, S. C.

| | |
|---------------------|----|
| Columbia: | |
| Mumps..... | 3 |
| Typhoid fever..... | 2 |
| Whooping cough..... | 27 |

CAMP JOSEPH E. JOHNSTON ZONE, FLA.

| | |
|---------------------------|---|
| Cerebrospinal meningitis: | |
| Jacksonville..... | 1 |
| Chancroid: | |
| Jacksonville..... | 4 |

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

| | |
|------------------------|--------|
| Dysentery: | Cases: |
| Jacksonville..... | 1 |
| Enteritis: | |
| Jacksonville..... | 2 |
| Gonorrhoea: | |
| Jacksonville..... | 42 |
| Hookworm disease: | |
| Woodstock..... | 3 |
| Malaria: | |
| Jacksonville..... | 8 |
| Lackawanna..... | 2 |
| Mumps: | |
| Jacksonville..... | 6 |
| Moncrief..... | 1 |
| Ophthalmia neonatorum: | |
| Jacksonville..... | 1 |
| Pellagra: | |
| Jacksonville..... | 1 |
| Syphilis: | |
| Jacksonville..... | 45 |
| Trachoma: | |
| Jacksonville..... | 1 |
| Lackawanna..... | 1 |
| Tuberculosis: | |
| Jacksonville..... | 4 |
| Typhoid fever: | |
| Jacksonville..... | 9 |
| Whooping cough: | |
| Jacksonville..... | 27 |
| Lackawanna..... | 1 |
| Woodstock..... | 4 |

FORT LEAVENWORTH ZONE, KANS.

| | |
|---------------------|----|
| Leavenworth: | |
| Diphtheria..... | 1 |
| Gonorrhoea..... | 12 |
| Scarlet fever..... | 1 |
| Syphilis..... | 3 |
| Leavenworth County: | |
| Diphtheria..... | 1 |
| Measles..... | 3 |
| Smallpox..... | 1 |
| Typhoid fever..... | 3 |

CAMP LEE ZONE, VA.

| | |
|-----------------------|----|
| Petersburg: | |
| Gonorrhoea..... | 25 |
| Measles..... | 1 |
| Syphilis..... | 17 |
| Typhoid fever..... | 1 |
| Prince George County: | |
| Whooping cough..... | 2 |

CAMP LEWIS ZONE, WASH.

| | |
|-----------------|---|
| Chicken pox: | |
| Parkland..... | 1 |
| Measles: | |
| Du Pont..... | 1 |
| Mumps: | |
| Du Pont..... | 3 |
| Scarlet fever: | |
| Steilacoom..... | 1 |

CAMP LOGAN ZONE, TEX.

| | Cases. |
|--------------------|--------|
| Chancroid: | |
| Houston..... | 3 |
| Gonorrhoea: | |
| Crabb..... | 1 |
| Goose Creek..... | 1 |
| Harrisburg..... | 1 |
| Houston..... | 31 |
| Iola..... | 1 |
| Malaria: | |
| Houston..... | 6 |
| Scarlet fever: | |
| Houston..... | 1 |
| Syphilis: | |
| Houston..... | 31 |
| South Houston..... | 1 |
| Tuberculosis: | |
| Houston..... | 3 |
| Typhoid fever: | |
| Goose Creek..... | 1 |
| Houston..... | 1 |
| Whooping cough: | |
| Houston..... | 3 |

CAMP MACARTHUR ZONE, TEX.

| Waco: | |
|--------------------|----|
| Gonorrhoea..... | 14 |
| Malaria..... | 3 |
| Syphilis..... | 8 |
| Tuberculosis..... | 1 |
| Typhoid fever..... | 1 |

CAMP M'CLELLAN ZONE, ALA.

| | |
|--------------------|---|
| Chancroid: | |
| Anniston..... | 1 |
| Chicken pox: | |
| Anniston..... | 1 |
| Diphtheria: | |
| Anniston..... | 2 |
| Gonorrhoea: | |
| Anniston..... | 6 |
| Malaria: | |
| Jacksonville..... | 2 |
| Precinct 1..... | 1 |
| Precinct 15..... | 1 |
| Pneumonia: | |
| Anniston..... | 1 |
| Precinct 15..... | 1 |
| Smallpox: | |
| Anniston..... | 3 |
| Typhoid fever: | |
| Anniston..... | 2 |
| Blue Mountain..... | 1 |
| Jacksonville..... | 2 |
| Precinct 23..... | 1 |

NORFOLK COUNTY NAVAL DISTRICT, VA.

| | |
|-------------------|----|
| Gonorrhoea: | |
| Mount Hermon..... | 1 |
| Norfolk..... | 25 |
| Portsmouth..... | 3 |
| Malaria: | |
| Portsmouth..... | 4 |
| Measles: | |
| Ocean View..... | 1 |
| Syphilis: | |
| Brighton..... | 1 |
| Norfolk..... | 3 |

NORFOLK COUNTY NAVAL DISTRICT, VA.—Contd.

| | Cases. |
|---------------------|--------|
| Tuberculosis: | |
| Mount Hermon..... | 1 |
| Norfolk..... | 3 |
| Pinner's Point..... | 1 |
| Typhoid fever: | |
| Norfolk..... | 5 |
| Portsmouth..... | 16 |
| South Norfolk..... | 1 |
| Whooping cough: | |
| Mount Hermon..... | 1 |
| North Norfolk..... | 2 |
| Portsmouth..... | 1 |
| South Norfolk..... | 1 |

FORT OGLETHORPE ZONE, GA. AND TENN.

| | |
|-----------------------|----|
| Gonorrhoea: | |
| Chattanooga..... | 29 |
| East Chattanooga..... | 1 |
| Eastlake..... | 1 |
| Hixson..... | 1 |
| Scarlet fever: | |
| Chattanooga..... | 1 |
| Syphilis: | |
| Chattanooga..... | 11 |
| East Chattanooga..... | 1 |
| Typhoid fever: | |
| Chattanooga..... | 1 |
| East Chattanooga..... | 1 |
| Hornsville..... | 1 |
| Rossville..... | 1 |

CAMP PIKE ZONE, ARK.

| | |
|------------------------|----|
| Chancroid: | |
| Little Rock..... | 1 |
| Dysentery: | |
| Scotts..... | 1 |
| Gonorrhoea: | |
| Little Rock..... | 8 |
| Scotts..... | 1 |
| Malaria: | |
| Little Rock..... | 19 |
| North Little Rock..... | 1 |
| Measles: | |
| Little Rock..... | 1 |
| Mumps: | |
| Little Rock..... | 2 |
| North Little Rock..... | 1 |
| Scarlet fever: | |
| Little Rock..... | 1 |
| Syphilis: | |
| Little Rock..... | 6 |
| Scotts..... | 1 |
| Tuberculosis: | |
| Kerr..... | 1 |
| Little Rock..... | 5 |
| North Little Rock..... | 2 |
| Scotts..... | 1 |
| Typhoid fever: | |
| Little Rock..... | 9 |
| North Little Rock..... | 2 |

PORTSMOUTH-KITTERY SANITARY DISTRICT, N. H.

| | |
|------------------|---|
| Measles: | |
| Chester..... | 1 |
| Greenland..... | 1 |
| Kittery, Me..... | 1 |
| Portsmouth..... | 2 |
| York, Me..... | 1 |

PORTSMOUTH-KITTERY SANITARY DISTRICT, N. H.—
Continued.

| | Cases. |
|---------------------------------|--------|
| Pollomycellitis: | |
| Kittery, Me. | 1 |
| Tuberculosis, pulmonary: | |
| Newington..... | 1 |

CAMP SEVIER ZONE, S. C.

| | |
|-----------------------------|---|
| Dysentery: | |
| Buler Township..... | 2 |
| Pneumonia: | |
| O'Neal Township..... | 1 |
| Syphilis: | |
| Chick Springs Township..... | 1 |
| Typhoid fever: | |
| Bates Township..... | 1 |
| Greenville..... | 1 |

CAMP SHELBY ZONE, MISS.

| | |
|--------------------------|---|
| Hattiesburg: | |
| Diphtheria..... | 1 |
| Malaria..... | 5 |
| Pellagra..... | 1 |
| Pneumonia..... | 2 |
| Typhoid fever..... | 5 |
| Venereal..... | 7 |
| Whooping cough..... | 7 |
| Near Hattiesburg: | |
| Diphtheria..... | 1 |
| Malaria..... | 1 |
| Palmer: | |
| Typhoid fever..... | 2 |

CAMP SHERIDAN ZONE, ALA.

| | |
|---|----|
| Montgomery: | |
| Diphtheria..... | 1 |
| Diphtheria, carriers..... | 5 |
| Mumps..... | 1 |
| Smallpox..... | 1 |
| Syphilitic retinitis..... | 1 |
| Tuberculosis, pulmonary..... | 5 |
| Typhoid fever..... | 1 |
| Montgomery County: | |
| Diphtheria..... | 1 |
| Typhoid fever..... | 1 |
| United States Government clinic: | |
| Chancroid..... | 4 |
| Gonorrhoea..... | 24 |
| Syphilis..... | 14 |

CAMP SHERMAN ZONE, OHIO.

| | |
|--------------------------------------|----|
| Cerebrospinal meningitis: | |
| Chillicothe..... | 1 |
| Diphtheria: | |
| Chillicothe..... | 1 |
| Colerain Township..... | 1 |
| Gonorrhoea: | |
| United States Government clinic..... | 10 |
| Mumps: | |
| Chillicothe..... | 1 |
| Pneumonia, lobar: | |
| Frankfort..... | 1 |
| Scarlet fever: | |
| North Union Township..... | 2 |

TIDEWATER HEALTH DISTRICT, VA.

| | Cases. |
|-------------------------------|--------|
| Hampton: | |
| Tuberculosis..... | 2 |
| Typhoid fever..... | 1 |
| Newport News: | |
| Cerebrospinal meningitis..... | 1 |
| Chancroid..... | 1 |
| Gonorrhoea..... | 23 |
| Measles..... | 1 |
| Pneumonia, lobar..... | 1 |
| Smallpox..... | 1 |
| Syphilis..... | 12 |
| Tuberculosis, pulmonary..... | 1 |
| Whooping cough..... | 1 |
| Phoebus: | |
| Typhoid fever..... | 2 |

CAMP ZACHARY TAYLOR ZONE, KY.

| | |
|--------------------------------------|----|
| Chancroid: | |
| United States Government Clinic..... | 2 |
| Diphtheria: | |
| Louisville..... | 3 |
| Gonorrhoea: | |
| Jefferson County..... | 1 |
| Louisville..... | 5 |
| United States Government Clinic..... | 41 |
| Measles: | |
| Louisville..... | 1 |
| Pneumonia: | |
| Louisville..... | 1 |
| Scarlet fever: | |
| Louisville..... | 1 |
| Syphilis: | |
| Louisville..... | 3 |
| United States Government Clinic..... | 30 |
| Tuberculosis: | |
| Jefferson County..... | 2 |
| Tuberculosis, pulmonary: | |
| Clark County, Ind..... | 1 |
| Jefferson County..... | 1 |
| Louisville..... | 12 |
| New Albany, Ind..... | 1 |
| Typhoid fever: | |
| Louisville..... | 12 |
| Whooping cough: | |
| Jefferson County..... | 8 |
| Louisville..... | 23 |
| New Albany, Ind..... | 2 |

CAMP TRAVIS ZONE, TEX.

| | |
|---------------------|----|
| San Antonio: | |
| Chancroid..... | 1 |
| Gonorrhoea..... | 30 |
| Mumps..... | 1 |
| Syphilis..... | 26 |
| Tuberculosis..... | 3 |
| Typhoid fever..... | 11 |

CAMP UPTON ZONE, N. Y.

| | |
|--------------------|---|
| Diphtheria: | |
| Brook Haven..... | 1 |
| Measles: | |
| Riverhead..... | 1 |
| Mumps: | |
| Brook Haven..... | 1 |

| VANCOUVER ZONE, WASH. | | CAMP WADSWORTH ZONE, S. C.—Continued. | |
|----------------------------|--------|---------------------------------------|--------|
| | Cases. | | Cases. |
| Typhoid fever..... | 1 | Whooping cough: | |
| | | Whitney..... | 1 |
| CAMP WADSWORTH ZONE, S. C. | | CAMP WHEELER ZONE, GA. | |
| Chicken pox: | | Macon: | |
| Spartanburg..... | 1 | Diphtheria..... | 1 |
| Gonorrhoea: | | Gonorrhoea..... | 4 |
| Greer..... | 1 | Measles..... | 1 |
| Reidville..... | 1 | Mumps..... | 1 |
| Spartanburg..... | 23 | Membranous croup..... | 1 |
| Pellagra: | | Pneumonia..... | 2 |
| Spartanburg..... | 1 | Syphilis..... | 1 |
| Scarlet fever: | | Tuberculosis..... | 4 |
| Saxon Mills..... | 1 | Whooping cough..... | 2 |
| Syphilis: | | United States Government clinic: | |
| Spartanburg..... | 1 | Gonorrhoea..... | 6 |
| Tuberculosis: | | Syphilis..... | 17 |
| Spartanburg..... | 2 | | |
| Typhoid fever: | | | |
| Arcadia..... | 1 | | |
| Spartanburg..... | 2 | | |
| White Stone..... | 1 | | |

CURRENT STATE SUMMARIES.

Telegraphic Reports for Week Ended July 27, 1918.

Alabama.—Typhoid fever: By counties—Autauga 1, Dale 1, Jackson 5, Jefferson 38, Lauderdale 2, Lawrence 2, Limestone 1, Marengo 1, Walker 2; total 53. Malaria: By counties—Green 13, Jackson 1, Jefferson 8, Lauderdale 1, Marengo 5, Pickens 3, Shelby 4; total 35. Smallpox: By counties——— 4, Jackson 4, Jefferson 4, Lauderdale 7, Shelby 2; total 21.

California.—Marked decrease in measles, mumps, chicken pox, diphtheria, and scarlet fever. Two cases epidemic cerebrospinal meningitis—1 Los Angeles, 1 San Francisco. Two cases leprosy, Oakland. Twenty-four cases typhoid fever and 7 cases smallpox scattered throughout the State. Malaria increasing.

Reported by mail for preceding week (ended July 20):

| | | | |
|-------------------------------|-----|---------------------|-----|
| Cerebrospinal meningitis..... | 2 | Pneumonia..... | 39 |
| Chicken pox..... | 41 | Poliomyelitis..... | 2 |
| Diphtheria..... | 51 | Scarlet fever..... | 34 |
| Dysentery..... | 3 | Smallpox..... | 22 |
| Erysipelas..... | 10 | Syphilis..... | 62 |
| German measles..... | 5 | Tetanus..... | 1 |
| Gonococcus infection..... | 153 | Trachoma..... | 1 |
| Malaria..... | 22 | Tuberculosis..... | 182 |
| Measles..... | 146 | Typhoid fever..... | 28 |
| Mumps..... | 78 | Whooping cough..... | 31 |

Connecticut.—Cerebrospinal meningitis: Bridgeport 2. Smallpox: New London 1, Glastonbury 1. Tetanus: Manchester 1.

Illinois.—Diphtheria: Ninety-one, of which in Chicago 74. Scarlet fever: Thirty-one, of which in Chicago 19. Smallpox: Thirteen. Meningitis: Chicago 3, La Salle 1. Poliomyelitis: Chicago 5, 1 each Cicero, Kenilworth, Kankakee, Soldiers' Orphans Home at Normal.

Indiana.—Whooping cough: Epidemic Rockville. Diphtheria: One death Monticello. Smallpox: Four cases Gary, one case Rushville. Infantile paralysis: One case Indianapolis.

Iowa.—Cerebrospinal meningitis: Melbourne 1. Chancroid: Scranton 1. Chicken pox: Council Bluffs 1. Diphtheria: Cedar Rapids 1, Council Bluffs 1, Hamilton 1, Hiteman 1, Iowa City 2, Pleasanton 1, South Fort Des Moines 2. Gonorrhoea: Council Bluffs 2, Holstein 1, Muscatine 1, Oskaloosa 2, Wall Lake 1. Measles: Dubuque 1. Poliomyelitis: Dubuque 7, Farley 2, Clinton, 1. Scarlet fever: Cedar Rapids 2, Des Moines 3, Dubuque 1, Fort Dodge 1, Hancock 1, Iowa City 1, Mason City 1, South Fort Des Moines 1. Smallpox: Boone 3, Council Bluffs 8, Des Moines 2, Dubuque 5, Fort Dodge 1, Ogden 1. Syphilis: Oskaloosa 1. Typhoid fever: Des Moines 3, Granger 1. Whooping cough: Alton 1, Council Bluffs 1, Sheldahl 1. In rural districts of following counties—Diphtheria: Scott 1. Measles: Winneshiek 1. Poliomyelitis: Dubuque 2 (1 death), Winneshiek 1. Scarlet fever: Franklin 1, Johnson 1. Smallpox: Cerro Gordo 1. Whooping cough: Sioux 10.

Louisiana.—Meningitis 1, poliomyelitis 1, typhoid fever 61, diphtheria 21.

Massachusetts.—Unusual prevalence. Diphtheria: Wakefield 4. Measles: Gloucester 10, Lawrence 22, Montague 9. Scarlet fever: Sandisfield 4. Typhoid fever: Rowley 5. Smallpox: Boston 1.

Minnesota.—No new smallpox foci reported. Three cases poliomyelitis reported since July 22.

Nebraska.—Scarlet fever continues at Fairbury. Bad condition smallpox at Utica.

New Jersey.—Unusual prevalence. Diphtheria Jersey City, whooping cough Nutley and Dover.

New York.—Outside of New York City. Dysentery: Poughkeepsie 4, Hyde Park (Dutchess County) 12. Smallpox: One. Poliomyelitis: Two Mount Vernon. One fatal case anthrax, not previously reported occurred in June Saratoga County. Other diseases show no special prevalence.

Virginia.—Three cases smallpox Lunenburg County, 1 Bath County, 1 Alleghany. One case infantile paralysis Louisa County, 1 Warren County. One case cerebrospinal meningitis Newport News.

Washington.—No unusual outbreaks of communicable diseases in State. Thirteen cases scarlet fever Tacoma and 13 Seattle.

RECIPROCAL NOTIFICATION.

Minnesota.

Cases of communicable diseases referred during June, 1918, to other State health departments by department of health of the State of Minnesota.

| Disease and locality of notification. | Referred to health authority of— | Why referred. |
|---|---|--|
| <p>Diphtheria: Monson township, Traverse County. Duluth Health Department, St. Louis County.</p> | <p>Russell, Roberts County, S. Dak. Turtle Lake, Barron County, Wis.; United States Public Health Service.</p> | <p>Man, wife, and 3 children exposed to diphtheria while visiting in Minnesota. 2 Minnesota cases contracted diphtheria at John Till's place, 1 resulting in death.</p> |
| <p>Scarlet fever: Mabel, Fillmore County.</p> | <p>Camp Grant, Rockford, Ill.; United States Public Health Service.</p> | <p>Drafted man developed scarlet fever day he was to leave for Camp Grant.</p> |
| <p>Smallpox: Brainerd, Crow Wing County. Minneapolis Health Department, Hennepin County.</p> | <p>Havre, Hill County, Mont. Seattle, King County, Wash.; Spokane, Spokane County, Wash.; Miles City, Custer County, Mont.</p> | <p>Developed smallpox in Minnesota 11 days after arrival from Montana. Taken ill in Seattle; stopped off at Spokane and Miles City; quarantined in Minneapolis.</p> |
| <p>Sturgeon Lake township, Pine County.</p> | <p>Wauwatosa, Milwaukee County, Wis. .</p> | <p>Taken ill May 29; left Wisconsin for Minnesota June 2.</p> |
| <p>Tuberculosis: Mayo Clinic, Rochester, Olmsted County.</p> | <p>Chicago, Cook County, Ill. (2 cases); Galesburg, Knox County, Ill.; Stockton, Jo Daviess County, Ill.; Warren, Jo Daviess County, Ill.; La Porte, La Porte County, Ind.; Marion, Grant County, Ind.; Hawkeye, Fayette County, Iowa; Ottumwa, Wapello County, Iowa; Reinbeck, Grundy County, Iowa; Schaller, Sac County, Iowa; Spirit Lake, Route No. 1, Dickinson County, Iowa; Junction City, Geary County, Kans.; St. Francis, Cheyenne County, Kans.; Ironwood, Gogebic County, Mich.; Monroe City, Monroe County, Mo.; Havre, Hill County, Mont.; Highwood, Chouteau County, Mont.; Virginia City, Madison County, Mont.; Dorchester, Saline County, Nebr.; Mullen, Hooker County, Nebr.; Brooklyn, Kings County, N. Y.; Scobey, Sheridan County, Mont.; Portsmouth, Scioto County, Ohio; Enid, Garfield County, Okla.; Williston, Williams County, N. Dak.; Bemis, Deuel County, S. Dak.; Brookings, Brookings County, S. Dak.; Hatland, Kingsbury County, S. Dak. (2 cases); Huron, Beadle County, S. Dak. (2 cases); Modena, Buffalo County, S. Dak.; Auburn, King County, Wash.; Tacoma, Peirce County, Wash.; Green Bay, Brown County, Wis. Marinette, Marinette County, Wis.; Sparta, Monroe County, Wis.; Vulcan, Alberta, Canada; Fort Francis, Ontario, Canada; Guelph, Ontario, Canada; Ottawa, Ontario, Canada; Aylsberry, Saskatchewan, Canada.</p> | <p>13 advanced, 15 moderately advanced, 2 incipient, and 6 stage of disease not given; cases left Mayo Clinic for homes.</p> |
| <p>Pokegama Sanatorium, Pine County.</p> | <p>Joice, Worth County, Iowa; Akron, Summit County, Ohio; Bowen, Beaverhead County, Mont.; Hoople, Walsh County, N. Dak.</p> | <p>3 advanced, 4 moderately advanced cases left Mayo Clinic for homes.</p> |
| <p>Thomas Hospital, Minneapolis, Hennepin County.</p> | <p>Grafton, Walsh County, N. Dak.; Hudson, Lincoln County, S. Dak.; Wittenberg, Shawana County, Wis.</p> | <p>3 moderately advanced cases left Thomas Hospital for homes.</p> |
| <p>Minnesota School for Feeble-Minded, Faribault, Rice County.</p> | <p>Yoncalla, Douglas County, Oreg.</p> | <p>Tuberculosis death; body taken to Oregon.</p> |
| <p>Hopewell Hospital, Minneapolis, Hennepin County.</p> | <p>Sioux City, Woodbury County, Iowa.</p> | <p>Tuberculosis death; body removed to Iowa.</p> |

Cases of communicable diseases referred during June, 1918, to other State health departments by department of health of the State of Minnesota—Continued.

| Disease and locality of notification. | Referred to health authority of— | Why referred. |
|---|---|--|
| Tuberculosis—Continued. Camps and local draft boards: Duluth, St. Louis County; Minneapolis, Hennepin County; Minneapolis, Hen- nepin County; Minneapolis, Hennepin County; Bemidji, Beltrami County; Minneap- olis, Hennepin County; Camp Cody, N. Mex.; Min- neapolis, Hennepin County; Grand Rapids, Itasca Coun- ty; Minneapolis, Hennepin County; Bemidji, Beltrami County; Camp Pike, Ark.; Grand Rapids, Itasca Coun- ty; Minneapolis, Hennepin County. Typhoid fever: Bethesda Hospital, St. Paul, Ramsey County. | Douglas, Cochise County, Ariz.; Mesa, Maricopa County, Ariz.; Tucson, Pima County, Ariz.; Monrovia, Los Angeles County, Cal.; Edgeville, Iowa; Fargo, Cass County, N. Dak.; New Rockford, Eddy County, N. Dak.; El Paso, El Paso County, Tex.; Ashland, Ashland County, Wis.; Ashland, Ashland County, Wis.; Ashland, Ashland County, Wis.; Eau Claire, Eau Claire Coun- ty, Wis.; Superior, Douglas County, Wis.; Wascott, Douglas County, Wis. | 14 cases rejected for military service on account of tu- berculosis. |
| | Fairchild, Eau Claire County, Wis.... | Patient was living in Fair- child, Wis., 3 weeks pre- vious to first symptoms. |

ANTHRAX.

Louisiana—Rapides Parish.

On July 6, 1918, a case of anthrax occurred in Rapides Parish, La., in the person of J. S., a farmer living about 4 miles from Boyce. The patient had handled a cow that had died of anthrax.

CEREBROSPINAL MENINGITIS.

Cases Reported in Extra-Cantonment Zones, Week Ended July 27, 1918.

| | Cases. | | Cases. |
|--|--------|------------------------------------|--------|
| Camp Beauregard zone, La..... | 1 | Camp Sherman zone, Ohio..... | 1 |
| Camp Eberts zone, Ark..... | 1 | Tidewater health district, Va..... | 1 |
| Camp Joseph E. Johnston zone, Fla..... | 1 | | |

State Reports for June, 1918.

| Place. | New cases reported. | Place. | New cases reported. |
|-------------------------|---------------------|-----------------------|---------------------|
| Illinois: | | Iowa: | |
| Christian County— | | Linn County..... | 1 |
| Tovey..... | 1 | Muscatine County..... | 2 |
| Cook County— | | Total..... | 3 |
| Chicago..... | 14 | Kansas: | |
| Gross Point..... | 1 | Cowley County— | |
| Henry County— | | Arkansas City..... | 1 |
| Geneseo Township..... | 1 | Greenwood County— | |
| La Salle County— | | Eureka..... | 1 |
| Mendota..... | 1 | Jefferson County— | |
| Winnabago County— | | Oskaloosa..... | 1 |
| Rockford..... | 1 | Lyon County— | |
| Total..... | 19 | Emporia..... | 2 |
| Indiana: | | Osborne County— | |
| Henry County..... | 1 | Covert..... | 1 |
| Marion County..... | 2 | Sedgwick County— | |
| Randolph County..... | 3 | Wichita..... | 3 |
| Switzerland County..... | 1 | Thomas County— | |
| Wabash County..... | 1 | Levant..... | 1 |
| Total..... | 8 | Wyandotte County— | |
| | | Kansas City..... | 1 |
| | | Total..... | 11 |

CEREBROSPINAL MENINGITIS—Continued.

State Reports for June, 1918—Continued.

| Place. | New cases reported. | Place. | New cases reported. |
|------------------------|---------------------|--------------------------|---------------------|
| Minnesota: | | Pennsylvania: | |
| Lake County— | | Allegheny County..... | 8 |
| Two Harbors..... | 3 | Beaver County..... | 1 |
| Ramsey County— | | Butler County..... | 1 |
| St. Paul..... | 1 | Carbon County..... | 2 |
| Total..... | 4 | Luzerne County..... | 3 |
| | | Montgomery County..... | 1 |
| Mississippi: | | Northampton County..... | 1 |
| Jones County..... | 1 | Philadelphia County..... | 9 |
| Union County..... | 2 | Washington County..... | 1 |
| Total..... | 3 | Westmoreland County..... | 1 |
| | | York County..... | 1 |
| | | Total..... | 29 |
| North Carolina: | | South Carolina: | |
| Guilford County..... | 2 | Beaufort County..... | 1 |
| Johnston County..... | 1 | Greenville County..... | 2 |
| Nash County..... | 1 | Florence County..... | 1 |
| Rockingham County..... | 1 | Lexington County..... | 1 |
| Rutherford County..... | 1 | Newberry County..... | 1 |
| Total..... | 6 | Total..... | 6 |
| North Dakota: | | Wyoming: | |
| Burleigh County..... | 1 | Sheridan County..... | 1 |

City Reports for Week Ended July 13, 1918:

| Place. | Cases. | Deaths. | Place. | Cases. | Deaths. |
|------------------------|--------|---------|-------------------------|--------|---------|
| Baltimore, Md..... | 1 | | Nashville, Tenn..... | 1 | |
| Boston, Mass..... | 1 | | Newark, N. J..... | 1 | |
| Bridgeport, Conn..... | | 1 | New Bedford, Mass..... | | 1 |
| Cambridge, Mass..... | 1 | | New York, N. Y..... | 6 | 4 |
| Chicago, Ill..... | 4 | 4 | Passaic, N. J..... | 2 | |
| Cleveland, Ohio..... | 1 | | Pittsburgh, Pa..... | 1 | |
| Detroit, Mich..... | 3 | | St. Louis, Mo..... | 2 | 1 |
| Indianapolis, Ind..... | 2 | | San Angelo, Tex..... | | 1 |
| Kansas City, Mo..... | | 1 | San Francisco, Cal..... | 2 | 2 |
| Louisville, Ky..... | 1 | | Shamokin, Pa..... | 1 | |
| Milwaukee, Wis..... | 1 | 1 | Springfield, Mass..... | | 1 |
| Minneapolis, Minn..... | | 1 | Washington, D. C..... | 1 | |

CHANCROID.

Cases Reported in Extra-Cantonment Zones, Week Ended July 27, 1918.

| | Cases. | | Cases. |
|--|--------|------------------------------------|--------|
| Camp Joseph E. Johnston zone, Fla..... | 4 | Camp Sheridan zone, Ala..... | 4 |
| Camp Logan zone, Tex..... | 3 | Camp Zachary Taylor zone, Ky..... | 2 |
| Camp McClellan zone, Ala..... | 1 | Tidewater health district, Va..... | 1 |
| Camp Pike zone, Ark..... | 1 | Camp Travis zone, Tex..... | 1 |

DIPHTHERIA.

Cases Reported in Extra-Cantonment Zones, Week Ended July 27, 1918.

| | Cases. | | Cases. |
|--------------------------------------|--------|-----------------------------------|--------|
| Camp Beaugard zone, La..... | 1 | Camp McClellan zone, Ala..... | 2 |
| Bremerton zone, Wash..... | 1 | Camp Shelby zone, Miss..... | 2 |
| Camp Dodge zone, Iowa..... | 2 | Camp Sheridan zone, Ala..... | 2 |
| Camp Funston zone, Kans..... | 1 | Camp Sherman zone, Ohio..... | 2 |
| Camp Gordon zone, Ga..... | 2 | Camp Zachary Taylor zone, Ky..... | 3 |
| Gulfpport health district, Miss..... | 2 | Camp Upton zone, N. Y..... | 1 |
| Fort Leavenworth zone, Kans..... | 2 | Camp Wheeler zone, Ga..... | 1 |

See also Diphtheria, measles, scarlet fever, and tuberculosis, page 1300.

ERYSIPELAS.**City Reports for Week Ended July 13, 1918.**

| Place. | Cases. | Deaths. | Place. | Cases. | Deaths. |
|-----------------------------|--------|---------|---------------------------|--------|---------|
| Baltimore, Md..... | | 1 | Minneapolis, Minn..... | 2 | |
| Charleston, W. Va..... | | 1 | Newark, N. J..... | 1 | |
| Chicago, Ill..... | 13 | 1 | New Orleans, La..... | | 1 |
| Cleveland, Ohio..... | 2 | | New York, N. Y..... | | 2 |
| Colorado Springs, Colo..... | 1 | | Oakland, Cal..... | 1 | |
| Cumberland, Md..... | 1 | | Passaic, N. J..... | 2 | |
| Denver, Colo..... | 3 | 1 | Philadelphia, Pa..... | 1 | |
| Detroit, Mich..... | 2 | | Portland, Oreg..... | 1 | |
| Duluth, Minn..... | 2 | 1 | Providence, R. I..... | | 1 |
| El Paso, Tex..... | | 1 | Rochester, N. Y..... | 1 | |
| Fort Wayne, Ind..... | | 1 | St. Louis, Mo..... | 3 | |
| Kalamazoo, Mich..... | 1 | | Salt Lake City, Utah..... | 1 | |
| Los Angeles, Cal..... | 1 | | San Francisco, Cal..... | 1 | 1 |
| Louisville, Ky..... | 2 | | | | |

GONORRHEA.**Cases Reported in Extra-Cantonment Zones, Week Ended July 27, 1918.**

| | Cases. | | Cases. |
|--------------------------------------|--------|---|--------|
| Camp Beauregard zone, La..... | 1 | Camp Logan zone, Tex..... | 35 |
| Camp Bowie zone, Tex..... | 51 | Camp MacArthur zone, Tex..... | 14 |
| Bremerton zone, Wash..... | 1 | Camp McClellan zone, Ala..... | 6 |
| Camp Doniphan zone, Okla..... | 2 | Norfolk County naval district, Va..... | 29 |
| Camp Eberts zone, Ark..... | 2 | Fort Oglethorpe zone, Ga. and Tenn..... | 32 |
| Camp Funston zone, Kans..... | 1 | Camp Pike zone, Ark..... | 9 |
| Camp Gordon zone, Ga..... | 27 | Camp Sheridan zone, Ala..... | 24 |
| Camp Greene zone, N. C..... | 13 | Camp Sherman zone, Ohio..... | 10 |
| Gulfport health district, Miss..... | 6 | Camp Zachary Taylor zone, Ky..... | 47 |
| Camp Hancock zone, Ga..... | 9 | Tidewater health district, Va..... | 23 |
| Camp Jos. E. Johnston zone, Fla..... | 42 | Camp Travis zone, Tex..... | 30 |
| Fort Leavenworth zone, Kans..... | 12 | Camp Wadsworth zone, S. C..... | 25 |
| Camp Leo zone, Va..... | 25 | Camp Wheeler zone, Ga..... | 10 |

LEPROSY.**City Report for Week Ended July 13, 1918.**

One case of leprosy was reported at Oakland, Cal., during the week ended July 13, 1918.

MALARIA.**Cases Reported in Extra-Cantonment Zones, Week Ended July 27, 1918.**

| | Cases. | | Cases. |
|--------------------------------------|--------|--|--------|
| Camp Beauregard zone, La..... | 6 | Camp Logan zone, Tex..... | 6 |
| Camp Eberts zone, Ark..... | 21 | Camp MacArthur zone, Tex..... | 3 |
| Camp Gordon zone, Ga..... | 2 | Camp McClellan zone, Ala..... | 4 |
| Camp Greene zone, N. C..... | 1 | Norfolk County naval district, Va..... | 4 |
| Gulfport health district, Miss..... | 35 | Camp Pike zone, Ark..... | 20 |
| Camp Hancock zone, Ga..... | 15 | Camp Shelby zone, Miss..... | 6 |
| Camp Jos. E. Johnston zone, Fla..... | 10 | | |

MALARIA—Continued.

State Reports for June, 1918.

| Place. | New cases reported. | Place. | New cases reported. |
|----------------------------|---------------------|-----------------------------|---------------------|
| Illinois: | | Illinois—Continued. | |
| Calhoun County— | | Whiteside County— | |
| Hamburg..... | 10 | Albany..... | 5 |
| Carroll County— | | Rock Falls..... | 3 |
| Thomson..... | 1 | Will County— | |
| Cass County— | | Frankfort..... | 3 |
| Chandlerville..... | 4 | Williamson County— | |
| Clay County— | | Cambria..... | 4 |
| Louisville Township..... | 4 | Pittsburg..... | 1 |
| Xenia..... | 3 | State institutions— | |
| Clinton County— | | Anna State Hospital..... | 1 |
| Germantown..... | 21 | Total..... | 268 |
| Crawford County— | | | |
| Robinson..... | 4 | Kansas: | |
| Cook County— | | Allen County— | |
| Shermerville..... | 3 | Moran..... | 1 |
| Edgar County— | | Anderson County— | |
| Paris..... | 1 | Garnett..... | 1 |
| Effingham County— | | Doniphan County— | |
| Watson..... | 2 | Troy..... | 1 |
| Fayette County— | | Kiowa County— | |
| Brownstown..... | 10 | Greensburg..... | 1 |
| Franklin County— | | Total..... | 4 |
| Macedonia..... | 6 | | |
| Orient..... | 2 | Minnesota: | |
| Thompsonville..... | 10 | Hennepin County— | |
| Gallatin County— | | Fort Snelling..... | 1 |
| Shawneetown..... | 10 | | |
| Hamilton County— | | Mississippi: | |
| Beaver Creek Township..... | 1 | Adams County..... | 39 |
| Iroquois County— | | Alcorn County..... | 147 |
| Gelman..... | 2 | Amite County..... | 102 |
| Jackson County— | | Benton County..... | 48 |
| Grand Tower Township..... | 20 | Bolivar County..... | 1,138 |
| Jefferson County— | | Calhoun County..... | 139 |
| Waltonville..... | 2 | Carroll County..... | 75 |
| Johnson County— | | Chickasaw County..... | 79 |
| Goreville..... | 2 | Choctaw County..... | 99 |
| Vienna..... | 5 | Claiborne County..... | 84 |
| Kankakee County— | | Clarke County..... | 55 |
| Aroma Park..... | 3 | Clay County..... | 86 |
| Lawrence County— | | Coahoma County..... | 717 |
| Russellville..... | 1 | Copiah County..... | 130 |
| Massac County— | | Covington County..... | 225 |
| Metropolis..... | 3 | De Soto County..... | 72 |
| McLean County— | | Forrest County..... | 187 |
| Colfax..... | 5 | Franklin County..... | 138 |
| Martin Township..... | 6 | George County..... | 38 |
| Montgomery County— | | Greene County..... | 67 |
| Witt..... | 2 | Grenada County..... | 46 |
| Moultrie County— | | Hancock County..... | 119 |
| Gays..... | 1 | Harrison County..... | 115 |
| Sullivan..... | 2 | Hinds County..... | 332 |
| Pike County— | | Holmes County..... | 506 |
| Hull..... | 3 | Issaquena County..... | 79 |
| Pulaski County— | | Itawamba County..... | 58 |
| Karnak..... | 40 | Jackson County..... | 88 |
| Saline County— | | Jefferson County..... | 151 |
| Dorrisville..... | 5 | Jefferson Davis County..... | 65 |
| Sangamon County— | | Jones County..... | 176 |
| Springfield..... | 1 | Kemper County..... | 86 |
| St. Clair County— | | Lafayette County..... | 190 |
| Lebanon..... | 1 | Lamar County..... | 129 |
| Smithton..... | 4 | Lauderdale County..... | 98 |
| Union County— | | Lawrence County..... | 226 |
| Jonesboro..... | 5 | Leake County..... | 86 |
| Vermillion County— | | Lee County..... | 313 |
| Danville..... | 1 | Leflore County..... | 620 |
| Fairmont..... | 2 | Lincoln County..... | 129 |
| Wabash County— | | Lowndes County..... | 133 |
| Allendale..... | 6 | Madison County..... | 98 |
| Bellmont..... | 2 | Marion County..... | 232 |
| White County— | | Marshall County..... | 202 |
| Carml..... | 1 | Monroe County..... | 246 |
| Grayville..... | 0 | | |
| Maunie..... | 4 | | |

MALARIA—Continued.

State Reports for June, 1918—Continued.

| Place. | New cases reported. | Place. | New cases reported. |
|-------------------------------|---------------------|-------------------------------|---------------------|
| Mississippi—Continued. | | Mississippi—Continued. | |
| Montgomery County..... | 101 | Union County..... | 180 |
| Neshoba County..... | 60 | Walthall County..... | 39 |
| Newton County..... | 106 | Warren County..... | 327 |
| Noxubee County..... | 53 | Washington County..... | 319 |
| Oktibbeha County..... | 104 | Wayne County..... | 87 |
| Panola County..... | 285 | Webster County..... | 34 |
| Pearl River County..... | 34 | Wilkinson County..... | 50 |
| Perry County..... | 123 | Winston County..... | 115 |
| Pike County..... | 80 | Yalobusha County..... | 105 |
| Pontotoc County..... | 248 | Yazoo County..... | 493 |
| Prentiss County..... | 140 | Total..... | 14,103 |
| Quitman County..... | 467 | Pennsylvania: | |
| Rankin County..... | 97 | Philadelphia County..... | 1 |
| Scott County..... | 94 | South Carolina: | |
| Sharkey County..... | 275 | Beaufort County..... | 8 |
| Simpson County..... | 118 | Hampton County..... | 17 |
| Smith County..... | 40 | Lexington County..... | 1 |
| Stone County..... | 66 | Marion County..... | 21 |
| Sunflower County..... | 681 | York County..... | 6 |
| Tallahatchie County..... | 400 | Total..... | 53 |
| Tate County..... | 170 | | |
| Tippah County..... | 86 | | |
| Tishomingo County..... | 127 | | |
| Tunica County..... | 212 | | |

City Reports for Week Ended July 13, 1918.

| Place. | Cases. | Deaths. | Place. | Cases. | Deaths. |
|------------------------|--------|---------|-------------------------|--------|---------|
| Albany, Ga..... | 4 | ..... | Louisville, Ky..... | 2 | ..... |
| Alexandria, La..... | 6 | ..... | Memphis, Tenn..... | 5 | 2 |
| Augusta, Ga..... | 3 | ..... | Montclair, N. J..... | 2 | ..... |
| Austin, Tex..... | ..... | 1 | Newark, N. J..... | 1 | ..... |
| Birmingham, Ala..... | 4 | ..... | New Orleans, La..... | 1 | ..... |
| Bloomfield, N. J..... | 1 | ..... | New York, N. Y..... | ..... | 1 |
| Boston, Mass..... | 2 | ..... | Palestine, Tex..... | 16 | ..... |
| Charleston, S. C..... | ..... | 1 | Plainfield, N. J..... | 1 | ..... |
| Corsicana, Tex..... | 1 | ..... | Richmond, Va..... | 2 | ..... |
| Detroit, Mich..... | 1 | ..... | San Francisco, Cal..... | 1 | ..... |
| Hattiesburg, Miss..... | 7 | ..... | Sedalia, Mo..... | 2 | ..... |
| Little Rock, Ark..... | 18 | ..... | Stockton, Cal..... | 1 | ..... |
| Long Beach, Cal..... | 2 | ..... | Waco, Tex..... | 1 | ..... |

MEASLES.

Cases Reported in Extra-Cantonment Zones, Week Ended July 27, 1918.

| Cases. | Cases. | | |
|----------------------------------|--------|---|---|
| Bremerton zone, Wash..... | 3 | Norfolk County naval district, Va..... | 1 |
| Camp Devens zone, Mass..... | 10 | Camp Pike zone, Ark..... | 1 |
| Camp Eberts zone, Ark..... | 4 | Portsmouth-Kittery sanitary district, N. H..... | 6 |
| Camp Gordon zone, Ga..... | 3 | Camp Zachary Taylor zone, Ky..... | 1 |
| Camp Greene zone, N. C..... | 3 | Tidewater health district, Va..... | 1 |
| Fort Leavenworth zone, Kans..... | 3 | Camp Upton zone, N. Y..... | 1 |
| Camp Lee zone, Va..... | 1 | Camp Wheeler zone, Ga..... | 1 |
| Camp Lewis zone, Wash..... | 1 | | |

See also Diphtheria, measles, scarlet fever, and tuberculosis, page 1300.

PELLAGRA.

Cases Reported in Extra-Cantonment Zones, Week Ended July 27, 1918.

| | Cases. | | Cases. |
|--------------------------------------|--------|--------------------------------|--------|
| Camp Eberts zone, Ark..... | 3 | Camp Shelby zone, Miss..... | 1 |
| Camp Jos. E. Johnston zone, Fla..... | 1 | Camp Wadsworth zone, S. C..... | 1 |

State Reports for June, 1918.

| Place. | New cases reported. | Place. | New cases reported. |
|-------------------------------|---------------------|-------------------------------|---------------------|
| Illinois: | | Mississippi—Continued. | |
| Jasper County— | | Lincoln County..... | 37 |
| Smallwood Township..... | 1 | Lowndes County..... | 7 |
| State institutions— | | Madison County..... | 38 |
| Alton State Hospital..... | 1 | Marion County..... | 48 |
| Chicago State Hospital..... | 2 | Marshall County..... | 10 |
| Peoria State Hospital..... | 2 | Monroe County..... | 37 |
| Watertown State Hospital..... | 1 | Montgomery County..... | 6 |
| Total..... | 7 | Neshoba County..... | 25 |
| | | Newton County..... | 5 |
| Kansas: | | Noxubee County..... | 9 |
| Butler County— | | Oktibbeha County..... | 11 |
| Augusta..... | 1 | Panola County..... | 21 |
| Cowley County— | | Pearl River County..... | 1 |
| Arkansas City..... | 1 | Perry County..... | 10 |
| Montgomery County— | | Pike County..... | 21 |
| Independence..... | 1 | Pontotoc County..... | 8 |
| Total..... | 3 | Prentiss County..... | 8 |
| | | Quitman County..... | 66 |
| Mississippi: | | Rankin County..... | 7 |
| Adams County..... | 2 | Scott County..... | 14 |
| Alcorn County..... | 15 | Sharkey County..... | 13 |
| Amite County..... | 6 | Simpson County..... | 4 |
| Benton County..... | 1 | Smith County..... | 4 |
| Bolivar County..... | 242 | Stone County..... | 14 |
| Calhoun County..... | 9 | Sunflower County..... | 104 |
| Carroll County..... | 4 | Tallahatchie County..... | 78 |
| Chickasaw County..... | 13 | Tate County..... | 12 |
| Choctaw County..... | 3 | Tippah County..... | 4 |
| Clasborne County..... | 6 | Tishomingo County..... | 19 |
| Clarke County..... | 6 | Tunica County..... | 40 |
| Coahoma County..... | 195 | Union County..... | 7 |
| Copiah County..... | 31 | Walthall County..... | 19 |
| Covington County..... | 15 | Warren County..... | 10 |
| De Soto County..... | 28 | Washington County..... | 63 |
| Forrest County..... | 25 | Wayne County..... | 8 |
| Franklin County..... | 7 | Webster County..... | 4 |
| George County..... | 18 | Wilkinson County..... | 5 |
| Greene County..... | 9 | Winston County..... | 3 |
| Hancock County..... | 2 | Yalobusha County..... | 4 |
| Harrison County..... | 13 | Yazoo County..... | 60 |
| Hinds County..... | 29 | | |
| Holmes County..... | 19 | Total..... | 1,765 |
| Itawamba County..... | 4 | | |
| Jackson County..... | 6 | Pennsylvania: | |
| Jefferson County..... | 10 | Philadelphia County..... | 1 |
| Jefferson Davis County..... | 3 | | |
| Jones County..... | 28 | South Carolina: | |
| Kemper County..... | 18 | Anderson County..... | 1 |
| Lafayette County..... | 7 | Greenville County..... | 2 |
| Lamar County..... | 6 | Greenwood County..... | 1 |
| Lauderdale County..... | 22 | Laurens County..... | 5 |
| Lawrence County..... | 26 | Marion County..... | 4 |
| Leake County..... | 4 | Spartanburg County..... | 40 |
| Lee County..... | 42 | York County..... | 4 |
| Leflore County..... | 19 | Total..... | 57 |

PELLAGRA—Continued.

City Reports for Week Ended July 13, 1918.

| Place. | Cases. | Deaths. | Place. | Cases. | Deaths. |
|-----------------------|--------|---------|--------------------------|--------|---------|
| Atlanta, Ga..... | | 1 | Mobile, Ala..... | | 1 |
| Baltimore, Md..... | | 1 | Nashville, Tenn..... | 3 | 2 |
| Birmingham, Ala..... | 1 | 5 | New Orleans, La..... | 4 | 3 |
| Charleston, S. C..... | | 2 | Norfolk, Va..... | | 2 |
| Charlotte, N. C..... | | 2 | Palatine, Tex..... | 2 | |
| Corsicana, Tex..... | 4 | | Philadelphia, Pa..... | | 1 |
| Everett, Mass..... | 1 | 1 | Raleigh, N. C..... | 2 | 5 |
| Fall River, Mass..... | | 1 | Richmond, Va..... | 1 | 1 |
| Houston, Tex..... | | 1 | Roanoke, Va..... | 1 | 1 |
| Little Rock, Ark..... | | 1 | San Bernardino, Cal..... | | 1 |
| Marshall, Tex..... | 1 | | Washington, D. C..... | 1 | 1 |
| Memphis, Tenn..... | 6 | 4 | Winston-Salem, N. C..... | 1 | 2 |

PNEUMONIA.

Cases Reported in Extra-Cantonment Zones, Week Ended July 27, 1918.

| | Cases. | | Cases. |
|-------------------------------------|--------|------------------------------------|--------|
| Camp Beauregard zone, La..... | 2 | Camp Shelby zone, Miss..... | 2 |
| Camp Gordon zone, Ga..... | 2 | Camp Sherman zone, Ohio..... | 1 |
| Gulfport health district, Miss..... | 3 | Camp Zachary Taylor zone, Ky..... | 1 |
| Camp McClellan zone, Ala..... | 2 | Tidewater health district, Va..... | 1 |
| Camp Sevier zone, S. C..... | 1 | Camp Wheeler zone, Ga..... | 2 |

City Reports for Week Ended July 13, 1918.

| Place. | Cases. | Deaths. | Place. | Cases. | Deaths. |
|-------------------------|--------|---------|-------------------------|--------|---------|
| Ann Arbor, Mich..... | 1 | | Jamestown, N. Y..... | 1 | |
| Anniston, Ala..... | 1 | | Kansas City, Mo..... | 1 | 8 |
| Astoria, Oreg..... | 2 | | Lawrence, Mass..... | 1 | 1 |
| Baltimore, Md..... | 9 | 4 | Lexington, Ky..... | 2 | 1 |
| Berkeley, Cal..... | 1 | | Long Beach, Cal..... | 1 | 1 |
| Boston, Mass..... | 4 | 8 | Lorain, Ohio..... | 1 | |
| Bridgeport, Conn..... | 2 | | Los Angeles, Cal..... | 6 | |
| Brockton, Mass..... | 1 | | Lowell, Mass..... | 1 | 2 |
| Brookline, Mass..... | 2 | | Michigan City, Ind..... | 1 | 1 |
| Cambridge, Mass..... | 1 | | Nashville, Tenn..... | 1 | 2 |
| Chelsea, Mass..... | | | Newark, N. J..... | 14 | 2 |
| Chicago, Ill..... | 50 | 22 | Newton, Mass..... | 1 | |
| Cleveland, Ohio..... | 9 | 8 | Philadelphia, Pa..... | 28 | 18 |
| Clinton, Mass..... | 1 | | Port Chester, N. Y..... | 2 | |
| Detroit, Mich..... | 3 | 8 | Rochester, N. Y..... | 1 | |
| Evansville, Ind..... | 2 | 2 | Salem, Mass..... | 1 | |
| Everett, Mass..... | 1 | 1 | San Francisco, Cal..... | 10 | 5 |
| Fall River, Mass..... | 1 | 1 | Schenectady, N. Y..... | 6 | 2 |
| Grand Rapids, Mich..... | 4 | 1 | Springfield, Mass..... | 5 | |
| Greenwich, Conn..... | 1 | 1 | Stockton, Cal..... | 3 | |
| Hattiesburg, Miss..... | 1 | | Westfield, Mass..... | 1 | |
| Haverhill, Mass..... | 2 | | Wheeling, W. Va..... | 1 | |
| Jackson, Mich..... | 1 | | Worcester, Mass..... | 1 | 2 |

POLIOMYELITIS (INFANTILE PARALYSIS).

State Reports for June, 1918.

| Place. | New cases reported. | Place. | New cases reported. |
|--------------------------|---------------------|----------------------------|---------------------|
| Illinois: | | Mississippi: | |
| Bureau County— | | Choctaw County..... | 1 |
| Walnut..... | 1 | Lowndes County..... | 1 |
| Cook County— | | Panola County..... | 1 |
| Chicago..... | 10 | Total..... | 3 |
| Hamilton County— | | North Carolina: | |
| Crook Township..... | 1 | Lee County..... | 1 |
| Henry County— | | Martin County..... | 1 |
| Kewanee..... | 1 | Rebeson County..... | 1 |
| Jo Davless County— | | Rockingham County..... | 1 |
| East Dubuque..... | 3 | Total..... | 4 |
| Kankakee County— | | North Dakota: | |
| Kankakee..... | 1 | Mercer County..... | 2 |
| Madison County— | | Olive County..... | 1 |
| Venice..... | 1 | Total..... | 3 |
| Vermilion County— | | Pennsylvania: | |
| Fairmont..... | 1 | Allegheny County..... | 3 |
| Washington County— | | Beaver County..... | 1 |
| Okawville Township..... | 1 | Cambria County..... | 1 |
| Macoupin County— | | Dauphin County..... | 1 |
| Cahokia Township..... | 2 | Erie County..... | 1 |
| Total..... | 22 | Franklin County..... | 1 |
| Indiana: | | Indiana County..... | 2 |
| Steuben County..... | 1 | Lawrence County..... | 1 |
| Vanderburg County..... | 4 | Northumberland County..... | 1 |
| Total..... | 5 | Schuylkill County..... | 1 |
| Iowa: | | Total..... | 13 |
| Clarke County..... | 1 | South Carolina: | |
| Dubuque County..... | 6 | Greenville County..... | 1 |
| Total..... | 7 | Hampton County..... | 1 |
| Kansas: | | Total..... | 2 |
| Linn County— | | South Dakota: | |
| Mound City..... | 1 | Corson County..... | 1 |
| Minnesota: | | | |
| Brown County— | | | |
| North Star Township..... | 1 | | |
| Fillmore County— | | | |
| Newburg Township..... | 1 | | |
| Ramsey County— | | | |
| St. Paul..... | 1 | | |
| Rice County— | | | |
| Erin Township..... | 1 | | |
| Total..... | 4 | | |

City Reports for Week Ended July 13, 1918.

| Place. | Cases. | Deaths. | Place. | Cases. | Deaths. |
|------------------------|--------|---------|------------------------|--------|---------|
| Baltimore, Md..... | 1 | | Montclair, N. J..... | 1 | 1 |
| Charleston, W. Va..... | 1 | 1 | Newark, N. J..... | 1 | |
| Chicago, Ill..... | 3 | 2 | New Bedford, Mass..... | 2 | |
| Cincinnati, Ohio..... | 3 | | Newton, Mass..... | 1 | |
| Cleveland, Ohio..... | 1 | | New York, N. Y..... | 2 | 1 |
| Detroit, Mich..... | 1 | | Orange, N. J..... | 1 | 1 |
| Dubuque, Iowa..... | 23 | 1 | Philadelphia, Pa..... | 1 | 1 |
| Evanston, Ill..... | 1 | | Portsmouth, N. H..... | 1 | |
| Kansas City, Kans..... | 1 | 1 | St. Louis, Mo..... | 1 | |
| Kansas City, Mo..... | 1 | 1 | Scranton, Pa..... | 1 | |
| Louisville, Ky..... | 1 | | Youngstown, Ohio..... | 1 | |
| Minneapolis, Minn..... | | 1 | | | |

RABIES IN ANIMALS.

City Reports for Week Ended July 13, 1918.

| Place. | Cases. | Place. | Cases. |
|---------------------|--------|--------------------------|--------|
| Akron, Ohio..... | 1 | Detroit, Mich..... | 1 |
| Bristol, R. I..... | 1 | Los Angeles, Cal..... | 1 |
| Coralcans, Tex..... | 1 | Winston-Salem, N. C..... | 1 |

ROCKY MOUNTAIN SPOTTED FEVER.

Wyoming Report for June, 1918.

During the month of June, 1918, one case of Rocky Mountain spotted fever was reported at Fremont, Wyo.

SCARLET FEVER.

Cases Reported in Extra-Cantonment Zones, Week Ended July 27, 1918.

| Cases. | Cases. |
|------------------------------------|---|
| Camp Dodge zone, Iowa..... 4 | Fort Oglethorpe zone, Ga. and Tenn..... 1 |
| Camp Gordon zone, Ga..... 2 | Camp Pike zone, Ark..... 1 |
| Camp Greene zone, N. C..... 10 | Camp Sherman zone, Ohio..... 2 |
| Fort Leavenworth zone, Kans..... 1 | Camp Zachary Taylor zone, Ky..... 1 |
| Camp Lewis zone, Wash..... 1 | Camp Wadsworth zone, S. C..... 1 |
| Camp Logan zone, Tex..... 1 | |

See also Diphtheria, measles, scarlet fever, and tuberculosis, page 1300.

SMALLPOX.

Cases Reported in Extra-Cantonment Zones, Week Ended July 27, 1918.

| Cases. | Cases. |
|------------------------------------|--------------------------------------|
| Camp Bowie zone, Tex..... 3 | Camp McClellan zone, Ala..... 3 |
| Bremerton zone, Wash..... 1 | Camp Sheridan zone, Ala..... 1 |
| Camp Gordon zone, Ga..... 2 | Tidewater health district, Va..... 1 |
| Fort Leavenworth zone, Kans..... 1 | |

State Reports for June, 1918—Vaccination Histories.

| Place. | Newcases 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. |
| Kansas: | | | | | | |
| Allen County— | | | | | | |
| Mildred..... | 1 | | | | 1 | |
| Moran..... | 6 | | | | 6 | |
| Iola..... | 8 | | | | 8 | |
| Anderson County— | | | | | | |
| Haskell..... | 2 | | 1 | | 1 | |
| Atchison County— | | | | | | |
| Atchison..... | 1 | | | | 1 | |
| Barton County— | | | | | | |
| Ellinwood..... | 2 | | | | 2 | |
| Great Bend..... | 9 | | | 1 | 8 | |
| Bourbon County— | | | | | | |
| Fort Scott..... | 6 | | | | 6 | |
| Garland..... | 3 | | | | 3 | |

SMALLPOX—Continued.

State Reports for June, 1918—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. |
| Kansas—Continued. | | | | | | |
| Brown County— | | | | | | |
| Hamlin..... | 2 | | | | 2 | |
| Hlawatha..... | 5 | | | | 5 | |
| Reserve..... | 1 | | | | 1 | |
| Robinson..... | 1 | | | | 1 | |
| Butler County— | | | | | | |
| Andover..... | 7 | | | | 7 | |
| Augusta..... | 10 | | | | 10 | |
| El Dorado..... | 21 | | | 1 | 20 | |
| Rosehill..... | 1 | | | | 1 | |
| Chase County— | | | | | | |
| Strong City..... | 1 | | | | 1 | |
| Cherokee County— | | | | | | |
| Baxter Springs..... | 3 | | | 1 | 2 | |
| Columbus..... | 1 | | | | 1 | |
| Roseland..... | 1 | | | | 1 | |
| Scammon..... | 6 | | | | 6 | |
| Trece..... | 15 | | | | 15 | |
| Weir..... | 3 | | | | 3 | |
| West Mineral..... | 1 | | | | 1 | |
| Clark County— | | | | | | |
| Ashland..... | 4 | | | | 4 | |
| Englewood..... | 6 | | | | 6 | |
| Cloud County— | | | | | | |
| Concordia..... | 3 | | | 1 | 2 | |
| Hollis..... | 1 | | | | 1 | |
| Cowley County— | | | | | | |
| Arkansas City..... | 5 | | | | 5 | |
| Crawford County— | | | | | | |
| Arcadia..... | 1 | | | | 1 | |
| Girard..... | 1 | | | | 1 | |
| Mulberry..... | 1 | | | | 1 | |
| Ringo..... | 4 | | | | 4 | |
| Decatur County— | | | | | | |
| Norcatour..... | 2 | | | | 2 | |
| Dickinson County— | | | | | | |
| Chapman..... | 1 | | | | 1 | |
| Herington..... | 2 | | | | 2 | |
| Doniphan County— | | | | | | |
| Elwood..... | 3 | | | 1 | 2 | |
| Highland..... | 1 | | | | 1 | |
| Sparks..... | 1 | | | | 1 | |
| Wathena..... | 1 | | | | 1 | |
| Douglas County— | | | | | | |
| Baldwin..... | 1 | | | | 1 | |
| Lakeview..... | 1 | | | | 1 | |
| Lawrence..... | 1 | | | | 1 | |
| Ellsworth County— | | | | | | |
| Geneseo..... | 1 | | | | 1 | |
| Lorraine..... | 4 | | | | 4 | |
| Finney County— | | | | | | |
| Garden City..... | 1 | | | | 1 | |
| Ravanna..... | 1 | | | | 1 | |
| Ford County— | | | | | | |
| Dodge City..... | 1 | | | | 1 | |
| Geary County— | | | | | | |
| Junction City..... | 2 | | | | 2 | |
| Graham County— | | | | | | |
| Bogue..... | 1 | | | | 1 | |
| Grant County— | | | | | | |
| New Ulysses..... | 3 | | | | 3 | |
| Greenwood County— | | | | | | |
| Eureka..... | 1 | | | | 1 | |
| Harper County— | | | | | | |
| Bluff City..... | 1 | | | | 1 | |
| Harvey County— | | | | | | |
| Newton..... | 1 | | | | 1 | |
| Jewell County— | | | | | | |
| Mankato..... | 3 | | | | 3 | |
| Johnson County— | | | | | | |
| Olathe..... | 8 | | | | 8 | |

SMALLPOX—Continued.

State Reports for June, 1918—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. |
| Kansas—Continued. | | | | | | |
| Kingman County— | | | | | | |
| Nashville..... | 1 | | | | 1 | |
| Labotta County— | | | | | | |
| Altamont..... | 1 | | | | 1 | |
| Mound Valley..... | 1 | | | | 1 | |
| Parsons..... | 3 | | | | 3 | |
| Lane County— | | | | | | |
| Dighton..... | 1 | | | | 1 | |
| Leavenworth County— | | | | | | |
| Leavenworth..... | 5 | | 1 | 1 | 3 | |
| Linn County— | | | | | | |
| Mound City..... | 1 | | | | 1 | |
| Parker..... | 6 | | | | 6 | |
| Marion County— | | | | | | |
| Tampa..... | 2 | | | | 2 | |
| Marshall County— | | | | | | |
| Frankfort..... | 1 | | | | 1 | |
| Oketo..... | 10 | | | 1 | 9 | |
| McPherson County— | | | | | | |
| Mound Ridge..... | 1 | | | | 1 | |
| Meade County— | | | | | | |
| Plains..... | 2 | | | | 2 | |
| Miami County— | | | | | | |
| Beagle..... | 4 | | | | 4 | |
| Osawatimie..... | 3 | | | | 3 | |
| Paola..... | 1 | | | | 1 | |
| Mitchell County— | | | | | | |
| Beloit..... | 1 | | | | 1 | |
| Cawker City..... | 5 | | | | 5 | |
| Hunter..... | 1 | | | | 1 | |
| Montgomery County— | | | | | | |
| Cherryvale..... | 2 | | | | 2 | |
| Coffeyville..... | 9 | | | | 9 | |
| Independence..... | 9 | | | 2 | 7 | |
| Sycamore..... | 4 | | | | 4 | |
| Tyro..... | 2 | | | | 2 | |
| Neosho County— | | | | | | |
| Chanute..... | 9 | | | | 9 | |
| Erie..... | 1 | | | | 1 | |
| Ness County— | | | | | | |
| Arnold..... | 1 | | | | 1 | |
| Utica..... | 4 | | | | 4 | |
| Osborne County— | | | | | | |
| Alton..... | 4 | | | | 4 | |
| Osborne..... | 1 | | | | 1 | |
| Pawnee County— | | | | | | |
| Garfield..... | 1 | | | | 1 | |
| Larned..... | 1 | | | | 1 | |
| Rozel..... | 1 | | | | 1 | |
| Pottawatomie County— | | | | | | |
| Louisville..... | 1 | | | | 1 | |
| Wamego..... | 1 | | | | 1 | |
| Pratt County— | | | | | | |
| Pratt..... | 5 | | | | 5 | |
| Reno County— | | | | | | |
| Hutchinson..... | 9 | | | | 8 | 1 |
| Republic County— | | | | | | |
| Belleville..... | 1 | | | | 1 | |
| Courtland..... | 1 | | | | 1 | |
| Rice County— | | | | | | |
| Chase..... | 1 | | | | 1 | |
| Lyons..... | 1 | | | | 1 | |
| Rooks County— | | | | | | |
| Falco..... | 4 | | | | 4 | |
| Plainville..... | 2 | | | | 2 | |
| Saline County— | | | | | | |
| Salina..... | 7 | | | | 7 | |
| Sedgwick County— | | | | | | |
| Kechi..... | 1 | | | | 1 | |
| Wichita..... | 39 | | | | 39 | |
| Seward County— | | | | | | |
| Liberal..... | 8 | | | | 8 | |

SMALLPOX—Continued.

State Reports for June, 1918—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. |
| Kansas—Continued. | | | | | | |
| Shawnee County— | | | | | | |
| Oakland | 5 | | | | 5 | |
| Richland | 2 | | | | 2 | |
| Topeka | 17 | | | 1 | 16 | |
| Smith County— | | | | | | |
| Athol | 6 | | | | 6 | |
| Stafford County— | | | | | | |
| Radwin | 2 | | | 1 | 1 | |
| St. John | 6 | | | | 6 | |
| Stevens County— | | | | | | |
| Hugoton | 3 | | | | 3 | |
| Sumner County— | | | | | | |
| Mulvane | 1 | | | | 1 | |
| Trego County— | | | | | | |
| Wakeeney | 2 | | | | 2 | |
| Wilson County— | | | | | | |
| Buffalo | 8 | | | | 8 | |
| Woodson County— | | | | | | |
| Yates Center | 1 | | | | 1 | |
| Wyandotte County— | | | | | | |
| Kansas City | 16 | | | | 16 | |
| Total | 434 | | 2 | 11 | 420 | 1 |
| Minnesota: | | | | | | |
| Beltrami County— | | | | | | |
| Bemidji | 10 | | | | 10 | |
| Benton County— | | | | | | |
| Sauk Rapids | 2 | | | | 2 | |
| Carver County— | | | | | | |
| San Francisco Township | 2 | | | | | 2 |
| Cass County— | | | | | | |
| Pillager | 13 | | | | 10 | 3 |
| May Township | 10 | | | | 4 | 6 |
| Sylvan Township | 2 | | | | | 2 |
| Chippewa County— | | | | | | |
| Clara City | 6 | | | | 6 | |
| Chisago County— | | | | | | |
| Amador Township | 1 | | | | | 1 |
| Crow Wing County— | | | | | | |
| Bramerd | 2 | | | | 2 | |
| Douglas County— | | | | | | |
| Hudson Township | 1 | | | 1 | | |
| Faribault County— | | | | | | |
| Delavan Township | 1 | | | | 1 | |
| Emerald Township | 1 | | | | 1 | |
| Verona Township | 8 | | | | 8 | |
| Winnebago Township | 4 | | | | 4 | |
| Freeborn County— | | | | | | |
| London Township | 1 | | | | 1 | |
| Goodhue County— | | | | | | |
| Kenyon | 1 | | | | | 1 |
| Hennepin County— | | | | | | |
| Minneapolis | 33 | | 4 | 2 | 23 | 4 |
| Houston County— | | | | | | |
| Brownsville Township | 3 | | | | 3 | |
| Hubbard County— | | | | | | |
| Hubbard Township | 1 | | | | 1 | |
| Itasca County— | | | | | | |
| Otenagon Township | 1 | | | 1 | | |
| Kandiyohi County— | | | | | | |
| Willmar | 1 | | | | 1 | |
| Koochiching County— | | | | | | |
| International Falls | 1 | | | | 1 | |
| Lac qui Parle County— | | | | | | |
| Madison | 1 | | | | 1 | |
| Le Sueur County— | | | | | | |
| Tyrone Township | 1 | | | | 1 | |
| McLeod County— | | | | | | |
| Hutchinson | 1 | | | 1 | | |
| Rich Valley Township | 1 | | | | | 1 |

SMALLPOX—Continued.

State Reports for June, 1918—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. |
| Minnesota—Continued. | | | | | | |
| Marshall County— | | | | | | |
| Warren..... | 1 | | | | 1 | |
| Vega Township..... | 1 | | | | | 1 |
| Martin County— | | | | | | |
| Truman..... | 1 | | | | 1 | |
| Center Creek Township..... | 1 | | | | 1 | |
| Mille Lacs County— | | | | | | |
| Onamia Township..... | 1 | | | | 1 | |
| Mower County— | | | | | | |
| Austin..... | 10 | | | | 10 | |
| Dexter Township..... | 1 | | | | 1 | |
| Lansing Township..... | 2 | | | | 1 | 1 |
| Olmsted County— | | | | | | |
| Rochester..... | 1 | | | | 1 | |
| Dover Township..... | 2 | | | | 2 | |
| Pine County— | | | | | | |
| Barry Township..... | 1 | | | | 1 | |
| Sturgeon Lake Township..... | 1 | | | | 1 | |
| Pipestone County— | | | | | | |
| Edgerton..... | 1 | | | | | 1 |
| Jasper..... | 1 | | | | | 1 |
| Pipestone..... | 2 | | | | 1 | 1 |
| Osborne Township..... | 2 | | | | | 2 |
| Ramsey County— | | | | | | |
| St. Paul..... | 16 | | | | 16 | |
| Redwood County— | | | | | | |
| Redwood Falls..... | 1 | | | | 1 | |
| Renville County— | | | | | | |
| Norfolk Township..... | 1 | | | | 1 | |
| Rice County— | | | | | | |
| Faribault..... | 1 | | | | 1 | |
| Wells Township..... | 1 | | | | 1 | |
| Roseau County— | | | | | | |
| Barnett Township..... | 1 | | | | 1 | |
| St. Louis County— | | | | | | |
| Biwabik..... | 1 | | | | 1 | |
| Duluth..... | 8 | | | 2 | 6 | |
| Eveleth..... | 2 | | | | 2 | |
| Virginia..... | 2 | | | 1 | 1 | |
| Stearns County— | | | | | | |
| Paynesville..... | 1 | | | 1 | | |
| Stevens County— | | | | | | |
| Hancock..... | 5 | | | | 5 | |
| Todd County— | | | | | | |
| Browerville..... | 1 | | | | 1 | |
| Wabasha County— | | | | | | |
| Greenfield (township)..... | 6 | | | | 6 | |
| Washington County— | | | | | | |
| Baytown (township)..... | 1 | | | | | 1 |
| Watowan County— | | | | | | |
| St. James..... | 1 | | | | 1 | |
| Antrim (township)..... | 1 | | | | 1 | |
| Riverdale (township)..... | 6 | | | | 6 | |
| Wilkin County— | | | | | | |
| Breckenridge..... | 3 | | | | 3 | |
| Campbell..... | 3 | | | | 3 | |
| Brandrup (township)..... | 1 | | | | 1 | |
| Champion (township)..... | 1 | | | | 1 | |
| Wright County— | | | | | | |
| Cokato..... | 5 | | | | 5 | |
| Cokato (township)..... | 4 | | | 1 | 2 | 1 |
| Middleville (township)..... | 2 | | | 1 | 1 | |
| Total..... | 213 | | 4 | 11 | 169 | 29 |

SMALLPOX—Continued.

State Reports for June, 1918.

| Place. | Cases. | Deaths. | Place. | Cases. | Deaths. |
|---------------------------------|--------|---------|------------------------------------|--------|---------|
| Illinois: | | | Illinois—Continued. | | |
| Alexander County— | | | Peoria County— | | |
| Cairo..... | 1 | | Averyville..... | 1 | |
| Adams County— | | | Glasford..... | 2 | |
| Clayton..... | 1 | | Peoria..... | 12 | |
| Quincy..... | 12 | | Peoria Heights..... | 3 | |
| Calhoun County— | | | Pulaski County— | | |
| Batchtown..... | 1 | | Pulaski..... | 1 | |
| Gilead Township..... | 1 | | Rock Island County— | | |
| Carroll County— | | | East Moline..... | 5 | |
| Savanna..... | 1 | | Moline..... | 1 | |
| Cass County— | | | Rock Island..... | 1 | |
| Chandler'sville..... | 2 | | Saline County— | | |
| Champaign County— | | | Dorrisville..... | 10 | |
| Champaign..... | 1 | | Eldorado..... | 18 | |
| Urbana..... | 1 | | Sangamon County— | | |
| Christian County— | | | Springfield..... | 10 | |
| Taylorville..... | 3 | | St. Clair County— | | |
| Crawford County— | | | Dupu..... | 4 | |
| La Motte Township..... | 1 | | East St. Louis..... | 6 | |
| Licking Township..... | 2 | | Lebanon..... | 1 | |
| Cook County— | | | O'Fallon..... | 2 | |
| Chicago..... | 5 | | Vermilion County— | | |
| DeWitt County— | | | Danville Township..... | 6 | |
| Tunbridge..... | 1 | | Fairmont..... | 1 | |
| Edgar County— | | | Grant Township..... | 1 | |
| Paris..... | 8 | | Wabash County— | | |
| Efingham County— | | | Mount Carmel..... | 1 | |
| Altamont..... | 3 | | Warren County— | | |
| Fayette County— | | | Kirkwood..... | 2 | |
| Avena Township..... | 2 | | Tompkins Township..... | 1 | |
| St. Elmo..... | 4 | | Williamson County— | | |
| Loogootee..... | 2 | | Marion..... | 1 | |
| Franklin County— | | | Winnebago County— | | |
| Browning Township..... | 1 | | Rockton..... | 1 | |
| Deming Township..... | 2 | | Woodford County— | | |
| Fulton County— | | | Eureka..... | 1 | |
| Canton..... | 1 | | State institutions— | | |
| Cuba..... | 5 | | Watertown State Hos- pital..... | 1 | |
| Gallatin County— | | | | | |
| Equality Township..... | 3 | | Total..... | 194 | |
| Henry County— | | | | | |
| Kewanee..... | 1 | | Indiana: | | |
| Jackson County— | | | Allen County..... | 2 | |
| Elk Township..... | 1 | | Benton County..... | 10 | |
| Jefferson County | | | Blackford County..... | 1 | |
| Mount Vernon Town- ship..... | 1 | | Cass County..... | 5 | |
| Jo Daviess County— | | | Clark County..... | 20 | |
| West Galena Town- ship..... | 1 | | Clay County..... | 10 | |
| Kane County— | | | Clinton County..... | 1 | |
| East Dumdee..... | 1 | | Dekalb County..... | 4 | |
| Kendall County— | | | Delaware County..... | 6 | |
| Plano..... | 1 | | Elkhart County..... | 5 | |
| Knox County— | | | Floyd County..... | 2 | |
| Galesburg..... | 1 | | Gibson County..... | 16 | |
| Laurence County— | | | Grant County..... | 8 | |
| Petty Township..... | 1 | | Greene County..... | 54 | |
| Lee County— | | | Hancock County..... | 1 | |
| South Dixon Town- ship..... | 2 | | Harrison County..... | 1 | |
| Logan County— | | | Hendricks County..... | 2 | |
| Lincoln..... | 9 | | Henry County..... | 1 | |
| Macon County— | | | Howard County..... | 5 | |
| Decatur..... | 2 | | Huntington County..... | 3 | |
| Niantic..... | 1 | | Jackson County..... | 4 | |
| Niantic Township..... | 1 | | Jay County..... | 2 | |
| Macoupin County— | | | Knox County..... | 2 | |
| Alton..... | 4 | | Kosciusko County..... | 2 | |
| Marion County— | | | Lagrange County..... | 8 | |
| Oden..... | 2 | | Lake County..... | 2 | |
| Mason County— | | | LaPorte County..... | 4 | |
| Lynchburg Township..... | 2 | | Lawrence County..... | 2 | |
| Manito Township..... | 3 | | Madison County..... | 16 | |
| Montgomery County— | | | Marion County..... | 51 | |
| Witt..... | 2 | | Martin County..... | 6 | |
| Morgan County— | | | Montgomery County..... | 1 | |
| Jacksonville..... | 1 | | Noble County..... | 11 | |
| | | | Ohio County..... | 2 | |
| | | | Orange County..... | 2 | |

SMALLPOX—Continued.

State Reports for June, 1918—Continued.

| Place. | Cases. | Deaths. | Place. | Cases. | Deaths. |
|---------------------------|------------|---------|-------------------------------|------------|---------|
| Indiana—Continued. | | | Mississippi—Continued. | | |
| Parke County..... | 1 | | Tippah County..... | 5 | |
| Porter County..... | 2 | | Tishomingo County..... | 2 | |
| Pulaski County..... | 1 | | Tunica County..... | 3 | |
| Putnam County..... | 1 | | Union County..... | 2 | |
| Randolph County..... | 8 | | Warren County..... | 3 | |
| Spencer County..... | 1 | | Washington County..... | 3 | |
| Steuben County..... | 1 | | Wayne County..... | 2 | |
| Switzerland County..... | 1 | | Webster County..... | 1 | |
| Tippecanoe County..... | 3 | | Yazoo County..... | 22 | |
| Vanderburg County..... | 10 | | | | |
| Vigo County..... | 7 | | Total..... | 160 | |
| Wabash County..... | 1 | | | | |
| Wayne County..... | 2 | | Nebraska: | | |
| Total..... | 314 | | Antelope County..... | 11 | |
| Iowa: | | | Box Butte County..... | 9 | |
| Benton County..... | 2 | | Butler County..... | 16 | |
| Boone County..... | 12 | | Cass County..... | 8 | |
| Bremer County..... | 3 | | Chase County..... | 18 | |
| Buena Vista County..... | 1 | | Cheyenne County..... | 2 | |
| Butler County..... | 2 | | Clay County..... | 1 | |
| Cerro Gordo County..... | 1 | | Collax County..... | 3 | |
| Chickasaw County..... | 1 | | Cuming County..... | 1 | |
| Clayton County..... | 7 | | Custer County..... | 11 | |
| Dallas County..... | 5 | | Douglas County..... | 82 | |
| Des Moines County..... | 6 | | Franklin County..... | 12 | |
| Dubuque County..... | 8 | | Gage County..... | 2 | |
| Franklin County..... | 2 | | Greeley County..... | 1 | |
| Greene County..... | 1 | | Hall County..... | 5 | |
| Hardin County..... | 6 | | Hamilton County..... | 9 | |
| Harrison County..... | 4 | | Jefferson County..... | 6 | |
| Jasper County..... | 21 | | Keith County..... | 2 | |
| Johnson County..... | 16 | | Lincoln County..... | 25 | |
| Linn County..... | 2 | | Merrick County..... | 1 | |
| Mahaska County..... | 2 | | Morrill County..... | 1 | |
| Marion County..... | 2 | | Nemaha County..... | 2 | |
| Marshall County..... | 1 | | Otoe County..... | 4 | |
| Monona County..... | 1 | | Pawnee County..... | 1 | |
| Monroe County..... | 3 | | Red Willow County..... | 13 | |
| Montgomery County..... | 2 | | Sarpy County..... | 1 | |
| Oscola County..... | 1 | | Saunders County..... | 6 | |
| Palo Alto County..... | 6 | | Scotts Bluff County..... | 39 | |
| Polk County..... | 25 | | Seward County..... | 11 | |
| Pottawattamie County..... | 15 | | Sheridan County..... | 20 | |
| Poweshiek County..... | 5 | | Total..... | 323 | |
| Scott County..... | 9 | | North Carolina: | | |
| Shelby County..... | 5 | | Anson County..... | 1 | |
| Story County..... | 2 | | Buncombe County..... | 2 | |
| Tama County..... | 7 | | Burke County..... | 1 | |
| Taylor County..... | 2 | | Cabarrus County..... | 1 | |
| Wapello County..... | 11 | | Cumberland County..... | 1 | |
| Webster County..... | 2 | | Forsyth County..... | 4 | |
| Woodbury County..... | 1 | | Gaston County..... | 2 | |
| Total..... | 202 | | Guilford County..... | 3 | |
| Mississippi: | | | Haywood County..... | 3 | |
| Bolivar County..... | 16 | | Madison County..... | 5 | |
| Calhoun County..... | 1 | | Moore County..... | 5 | |
| Carroll County..... | 2 | | Pitt County..... | 1 | |
| Chickasaw County..... | 2 | | Robeson County..... | 11 | |
| Choctaw County..... | 1 | | Rockingham County..... | 4 | |
| Clay County..... | 4 | | Rowan County..... | 5 | |
| Coahoma County..... | 2 | | Rutherford County..... | 1 | |
| De Soto County..... | 12 | | Stanly County..... | 3 | |
| Holmes County..... | 1 | | Vance County..... | 1 | |
| Jones County..... | 2 | | Yadkin County..... | 1 | |
| Lafayette County..... | 2 | | Total..... | 55 | |
| Lenderdale County..... | 5 | | North Dakota: | | |
| Leflore County..... | 5 | | Adams County..... | 6 | |
| Madison County..... | 9 | | Burleigh County..... | 20 | |
| Manola County..... | 12 | | McHenry County..... | 3 | |
| Pearl River County..... | 1 | | Morton County..... | 2 | |
| Pontotoc County..... | 1 | | Mountain County..... | 2 | |
| Quitman County..... | 5 | | Ramsey County..... | 4 | |
| Rankin County..... | 12 | | Rolette County..... | 5 | |
| Sunflower County..... | 10 | | Sargent County..... | 2 | |
| Tallahatchie County..... | 12 | | Stutsman County..... | 1 | |

SMALLPOX—Continued.

State Reports for June, 1918—Continued.

| Place. | Cases. | Deaths. | Place. | Cases. | Deaths. |
|-------------------------|--------|---------|-------------------------|--------|---------|
| North Dakota—Continued. | | | South Dakota: | | |
| Traill County..... | 1 | ..... | Brown County..... | 4 | ..... |
| Ward County..... | 1 | ..... | Charles Mix County..... | 4 | ..... |
| Total..... | 47 | ..... | Clark County..... | 1 | ..... |
| Pennsylvania: | | | Davison County..... | 2 | ..... |
| Allegheny County..... | 4 | ..... | Douglas County..... | 3 | ..... |
| Armstrong County..... | 1 | ..... | Hamlin County..... | 1 | ..... |
| Blair County..... | 6 | ..... | Jones County..... | 1 | ..... |
| Cambria County..... | 14 | ..... | Miner County..... | 3 | ..... |
| Center County..... | 1 | ..... | Minnehaha County..... | 18 | ..... |
| Clearfield County..... | 1 | ..... | Perkins County..... | 19 | ..... |
| Dauphin County..... | 7 | ..... | Walworth County..... | 9 | ..... |
| Erie County..... | 7 | ..... | Total..... | 77 | ..... |
| Lawrence County..... | 3 | ..... | Wyoming: | | |
| Lebanon County..... | 3 | ..... | Albany County..... | 2 | ..... |
| Mercer County..... | 3 | ..... | Johnson County..... | 7 | ..... |
| Potter County..... | 4 | ..... | Laramie County..... | 10 | ..... |
| Somerset County..... | 2 | ..... | Natrona County..... | 9 | ..... |
| Tioga County..... | 1 | ..... | Platte County..... | 4 | ..... |
| Warren County..... | 1 | ..... | Goshen County..... | 6 | ..... |
| Total..... | 52 | ..... | Uinta County..... | 5 | ..... |
| South Carolina: | | | Hot Springs County..... | 5 | ..... |
| Cherokee County..... | 1 | ..... | Total..... | 48 | ..... |
| Greenville County..... | 2 | ..... |  |  |  |
| Total..... | 3 | ..... |  |  |  |

City Reports for Week Ended July 13, 1918.

| Place. | Cases. | Deaths. | Place. | Cases. | Deaths. |
|-----------------------------|--------|---------|---------------------------|--------|---------|
| Akron, Ohio..... | 3 | ..... | Manitowoc, Wis..... | 1 | ..... |
| Albany, Ga..... | 4 | ..... | Marion, Ind..... | 1 | ..... |
| Anniston, Ala..... | 1 | ..... | Milwaukee, Wis..... | 2 | ..... |
| Atlanta, Ga..... | 13 | ..... | Minneapolis, Minn..... | 4 | ..... |
| Barberton, Ohio..... | 2 | ..... | Missoula, Mont..... | 1 | ..... |
| Beatrice, Nebr..... | 1 | ..... | Moline, Ill..... | 1 | ..... |
| Birmingham, Ala..... | 1 | ..... | Muncie, Ind..... | 6 | ..... |
| Buffalo, N. Y..... | 2 | ..... | Muskogee, Okla..... | 2 | ..... |
| Charleston, W. Va..... | 1 | ..... | Nashville, Tenn..... | 1 | ..... |
| Chicago, Ill..... | 4 | ..... | Norfolk, Va..... | 1 | ..... |
| Cincinnati, Ohio..... | 5 | ..... | Oakland, Cal..... | 3 | ..... |
| Cleveland, Ohio..... | 11 | ..... | Ogden, Utah..... | 1 | ..... |
| Coffeyville, Kans..... | 1 | ..... | Oklahoma City, Okla..... | 10 | ..... |
| Colorado Springs, Colo..... | 1 | ..... | Omaha, Nebr..... | 12 | ..... |
| Cumberland, Md..... | ..... | 1 | Peoria, Ill..... | 4 | ..... |
| Dallas, Tex..... | 1 | ..... | Philadelphia, Pa..... | 1 | ..... |
| Dayton, Ohio..... | 2 | ..... | Pontiac, Mich..... | 2 | ..... |
| Denver, Colo..... | 10 | ..... | Portland, Oreg..... | 4 | ..... |
| Des Moines, Iowa..... | 5 | ..... | Provo, Utah..... | 2 | ..... |
| Detroit, Mich..... | 1 | ..... | Richmond, Ind..... | 1 | ..... |
| Dubuque, Iowa..... | 9 | ..... | Riverside, Cal..... | 1 | ..... |
| Duluth, Minn..... | 2 | ..... | Rockford, Ill..... | 1 | ..... |
| Elyria, Ohio..... | 2 | ..... | St. Louis, Mo..... | 3 | ..... |
| Findlay, Ohio..... | 3 | ..... | St. Paul, Minn..... | 1 | ..... |
| Flint, Mich..... | 3 | ..... | Salt Lake City, Utah..... | 10 | ..... |
| Fond du Lac, Wis..... | 1 | ..... | Sandusky, Ohio..... | 1 | ..... |
| Fort Worth, Tex..... | 1 | ..... | San Francisco, Cal..... | 3 | ..... |
| Galesburg, Ill..... | 1 | ..... | San Jose, Cal..... | 1 | ..... |
| Indianapolis, Ind..... | 9 | ..... | Santa Ana, Cal..... | 3 | ..... |
| Kalamazoo, Mich..... | 2 | ..... | Seattle, Wash..... | 11 | ..... |
| Kansas City, Mo..... | 2 | ..... | Spokane, Wash..... | 7 | ..... |
| La Crosse, Wis..... | 1 | ..... | Stockton, Cal..... | 4 | ..... |
| Lake Charles, La..... | 2 | 1 | Tacoma, Wash..... | 4 | ..... |
| Lincoln, Nebr..... | 6 | ..... | Toledo, Ohio..... | 7 | ..... |
| Long Beach, Cal..... | 1 | ..... | Washington, D. C..... | 4 | ..... |
| Lorain, Ohio..... | 2 | ..... | Waterloo, Iowa..... | 1 | ..... |
| Los Angeles, Cal..... | 1 | ..... | Wichita, Kans..... | 1 | ..... |
| Louisville, Ky..... | 1 | ..... | Winston-Salem, N. C..... | 1 | ..... |
| Madison, Wis..... | 3 | ..... | Youngstown, Ohio..... | 7 | ..... |

SYPHILIS.**Cases Reported in Extra-Cantonment Zones, Week Ended July 27, 1918.**

| Cases. | | Cases. | |
|--------------------------------------|----|---|----|
| Camp Bowie zone, Tex..... | 63 | Norfolk County naval district, Va..... | 4 |
| Camp Eberts zone, Ark..... | 3 | Fort Oglethorpe zone, Ga. and Tenn..... | 12 |
| Camp Gordon zone, Ga..... | 20 | Camp Pike zone, Ark..... | 7 |
| Camp Greene zone, N. C..... | 11 | Camp Sevier zone, S. C..... | 1 |
| Gulfport health district, Miss..... | 1 | Camp Sheridan zone, Ala..... | 15 |
| Camp Hancock zone, Ga..... | 10 | Camp Zachary Taylor zone, Ky..... | 33 |
| Camp Jos. E. Johnston zone, Fla..... | 45 | Tidewater health district, Va..... | 12 |
| Fort Leavenworth zone, Kans..... | 3 | Camp Travis zone, Tex..... | 25 |
| Camp Lee zone, Va..... | 17 | Camp Wadsworth zone, S. C..... | 1 |
| Camp Logan zone, Tex..... | 32 | Camp Wheeler zone, Ga..... | 18 |
| Camp MacArthur zone, Tex..... | 8 | | |

TETANUS.**City Reports for Week Ended July 13, 1918.**

| Place. | Cases. | Deaths. | Place. | Cases. | Deaths. |
|----------------------|--------|---------|--------------------|--------|---------|
| Chicago, Ill..... | 1 | 2 | Omaha, Nebr..... | | 1 |
| Cleveland, Ohio..... | 1 | 1 | St. Louis, Mo..... | 1 | 1 |
| New York, N. Y..... | 1 | 1 | | | |

TUBERCULOSIS.**Cases Reported in Extra-Cantonment Zones, Week Ended July 27, 1918.**

| Cases. | | Cases. | |
|--|----|---|----|
| Camp Bowie zone, Tex..... | 3 | Camp Pike zone, Ark..... | 9 |
| Camp Eberts zone, Ark..... | 1 | Portsmouth-Kittery sanitary district, N. H..... | 1 |
| Camp Gordon zone, Ga..... | 10 | Camp Sheridan zone, Ala..... | 5 |
| Camp Hancock zone, Ga..... | 13 | Camp Zachary Taylor zone, Ky..... | 17 |
| Camp Jos. E. Johnston zone, Fla..... | 4 | Tidewater health district, Va..... | 3 |
| Camp Logan zone, Tex..... | 3 | Camp Travis zone, Tex..... | 3 |
| Camp MacArthur zone, Tex..... | 1 | Camp Wadsworth zone, S. C..... | 2 |
| Norfolk County naval district, Va..... | 5 | Camp Wheeler zone, Ga..... | 4 |

See also Diphtheria, measles, scarlet fever, and tuberculousis, page 1300.

TYPHOID FEVER.**Cases Reported in Extra-Cantonment Zones, Week Ended July 27, 1918.**

| Cases. | | Cases. | |
|--------------------------------------|----|---|----|
| Camp Beaugard zone, La..... | 5 | Camp MacArthur zone, Tex..... | 1 |
| Camp Bowie zone, Tex..... | 19 | Camp McClellan zone, Ala..... | 6 |
| Bremerton zone, Wash..... | 1 | Norfolk County naval district, Va..... | 22 |
| Camp Dodge zone, Iowa..... | 4 | Fort Oglethorpe zone, Ga. and Tenn..... | 4 |
| Camp Doniphan zone, Okla..... | 2 | Camp Pike zone, Ark..... | 11 |
| Camp Gordon zone, Ga..... | 10 | Camp Sevier zone, S. C..... | 2 |
| Camp Greene zone, N. C..... | 17 | Camp Shelby zone, Miss..... | 7 |
| Gulfport health district, Miss..... | 15 | Camp Sheridan zone, Ala..... | 2 |
| Camp Hancock zone, Ga..... | 3 | Camp Zachary Taylor zone, Ky..... | 12 |
| Camp Jackson zone, S. C..... | 2 | Tidewater health district, Va..... | 3 |
| Camp Jos. E. Johnston zone, Fla..... | 9 | Camp Travis zone, Tex..... | 11 |
| Fort Leavenworth zone, Kans..... | 3 | Vancouver zone, Wash..... | 1 |
| Camp Lee zone, Va..... | 1 | Camp Wadsworth zone, S. C..... | 4 |
| Camp Logan zone, Tex..... | 2 | | |

TYPHOID FEVER—Continued.

State Reports for June, 1918.

| Place. | New cases reported. | Place. | New cases reported. |
|--------------------------|---------------------|----------------------------|---------------------|
| Illinois: | | Illinois—Continued. | |
| Cass County— | | Sangamon County— | |
| Chandler'sville..... | 3 | Springfield..... | 2 |
| Champaign County— | | Stephenson County— | |
| Champaign..... | 3 | Lena..... | 1 |
| St. Joseph Township..... | 1 | Tazewell County— | |
| Tolono..... | 1 | Hettie Township..... | 1 |
| Christian County— | | Union County— | |
| Taylorville..... | 1 | Cobden..... | 1 |
| Clinton County— | | Vermillion County— | |
| Carlyle..... | 1 | Danville..... | 5 |
| Germantown..... | 5 | Danville Township..... | 1 |
| Coles County— | | Wabash County— | |
| Mattoon..... | 1 | Allendale..... | 2 |
| Crawford County— | | Bellmont..... | 2 |
| Robinson..... | 1 | Wayne County— | |
| Cook County— | | Bedford Township..... | 1 |
| Chicago..... | 19 | Whiteside County— | |
| Evanston..... | 1 | Albany..... | 1 |
| Du Page County— | | Will County— | |
| Downers Grove..... | 1 | Joliet..... | 2 |
| Douglas County— | | Joliet Township..... | 2 |
| Arthur..... | 1 | Williamson County— | |
| Edgar County— | | Freemanspur..... | 1 |
| Ross Township..... | 1 | Woodford County— | |
| Edwards County— | | Secor..... | 1 |
| Albion..... | 1 | Total..... | 125 |
| Ford County— | | Indiana: | |
| Drummers Township..... | 2 | Allen County..... | 1 |
| Gibson City..... | 1 | Boone County..... | 1 |
| Sullivan Township..... | 1 | Clark County..... | 10 |
| Franklin County— | | Daviess County..... | 2 |
| Macedonia..... | 3 | Dearborn County..... | 2 |
| Fulton County— | | Floyd County..... | 1 |
| Table Grove..... | 1 | Fulton County..... | 2 |
| Grundy County— | | Gibson County..... | 2 |
| Morris..... | 2 | Hancock County..... | 2 |
| Hancock County— | | Howard County..... | 1 |
| Appanoose Township..... | 1 | Jefferson County..... | 5 |
| Jersey County— | | Jennings County..... | 3 |
| Jerseyville..... | 1 | Lake County..... | 2 |
| Kankakee County— | | Madison County..... | 2 |
| Kankakee..... | 1 | Marion County..... | 9 |
| Knox County— | | Montgomery County..... | 2 |
| Galesburg..... | 2 | Noble County..... | 1 |
| Lake County— | | Parke County..... | 1 |
| North Chicago..... | 1 | Porter County..... | 1 |
| Waukegan..... | 1 | Ripley County..... | 2 |
| La Salle County— | | St. Joseph County..... | 12 |
| La Salle..... | 1 | Switzerland County..... | 2 |
| Livingston County— | | Tippecanoe County..... | 5 |
| Dwight..... | 1 | Vanderburg County..... | 2 |
| Forrest..... | 1 | Whitley County..... | 1 |
| Pontiac..... | 2 | Total..... | 74 |
| Macon County— | | Kansas: | |
| Decatur..... | 2 | Anderson County— | |
| Macoupin County— | | Colony..... | 1 |
| Carlinville..... | 4 | Barton County— | |
| Madison County— | | Great Bend..... | 1 |
| Edwardsville..... | 1 | Bourbon County— | |
| Highland..... | 3 | Uniontown..... | 1 |
| Marion County— | | Brown County— | |
| Centralla..... | 1 | Horton..... | 2 |
| Oden..... | 1 | Butler County— | |
| Massac County— | | Augusta..... | 1 |
| Metropolis..... | 1 | Eldorado..... | 9 |
| Mercer County— | | Chautauqua County— | |
| Joy..... | 1 | Sedan..... | 1 |
| McDonough County— | | Cherokee County— | |
| Emmet Township..... | 4 | Galena..... | 2 |
| Macomb..... | 4 | Clay County— | |
| Montgomery County— | | Oakhill..... | 1 |
| Harvel..... | 2 | Cloud County— | |
| Moultrie County— | | Concordia..... | 2 |
| Gays..... | 1 | Cowley County— | |
| Livingston..... | 1 | Arkansas City..... | 2 |
| Morgan County— | | Winfield..... | 5 |
| Jacksonville..... | 11 | | |
| Rock Island County— | | | |
| Carbon Cliff..... | 1 | | |
| Moline..... | 1 | | |

TYPHOID FEVER—Continued.

State Reports for June, 1918—Continued.

| Place. | New cases reported. | Place. | New cases reported. |
|--------------------------|---------------------|-----------------------------|---------------------|
| Kansas—Continued. | | Minnesota: | |
| Crawford County— | | Beltrami County— | |
| Girard..... | 1 | Bemidji..... | 1 |
| Dickinson County— | | Blue Earth County— | |
| Elmo..... | 1 | Mankato..... | 1 |
| Douglas County— | | Brown County— | |
| Lawrence..... | 1 | New Ulm..... | 1 |
| Gray County— | | Chippewa County— | |
| Copeland..... | 1 | Montevideo..... | 1 |
| Greenwood County— | | Crow Wing County— | |
| Fall River..... | 1 | Ironton..... | 1 |
| Harper County— | | Douglas County— | |
| Argonia..... | 1 | Alexandria..... | 1 |
| Harper..... | 2 | Grant County— | |
| Jackson County— | | Gorton (township)..... | 1 |
| Mayetta..... | 1 | Hennepin County— | |
| Jewell County— | | Minneapolis..... | 3 |
| Formosa..... | 1 | Itasca County— | |
| Johnson County— | | Taconite..... | 1 |
| Edgerton..... | 1 | Kanabec County— | |
| Kingman County— | | Grasston..... | 1 |
| Kingman..... | 1 | Mower County— | |
| Kiowa County— | | Lyke..... | 1 |
| Haviland..... | 1 | Ottertail County— | |
| Labette County— | | Fergus Falls..... | 2 |
| Parsons..... | 1 | Polk County— | |
| Leavenworth County— | | Crookston..... | 1 |
| Basehor..... | 1 | Ramsey County— | |
| Leavenworth..... | 1 | St. Paul..... | 1 |
| Lyon County— | | St. Louis County— | |
| Emporia..... | 1 | Duith..... | 2 |
| Marion County— | | Ely..... | 1 |
| Peabody..... | 1 | Stearns County— | |
| Meade County— | | Crow River (township)..... | 1 |
| Meade..... | 1 | Wabasha County— | |
| Montgomery County— | | Wabasha..... | 1 |
| Independence..... | 1 | Washington County— | |
| Nemaha County— | | Forest Lake (township)..... | 1 |
| Corning..... | 1 | | |
| Neosho County— | | Total..... | 23 |
| St. Paul..... | 1 | | |
| Osage County— | | Mississippi: | |
| Olivet..... | 1 | Adams County..... | 8 |
| Pawnee County— | | Alcorn County..... | 3 |
| Larned..... | 1 | Amite County..... | 4 |
| Pratt County— | | Bolivar County..... | 20 |
| Pratt..... | 1 | Calhoun County..... | 1 |
| Republic County— | | Carroll County..... | 7 |
| Belleville..... | 2 | Choctaw County..... | 10 |
| Rice County— | | Claiborne County..... | 7 |
| Bushton..... | 1 | Clarke County..... | 5 |
| Rush County— | | Clay County..... | 1 |
| Bison..... | 4 | Coahoma County..... | 3 |
| Liebenthal..... | 1 | Copiah County..... | 21 |
| Loretta..... | 1 | Covington County..... | 16 |
| Russell County— | | De Soto County..... | 4 |
| Russell..... | 1 | Forrest County..... | 13 |
| Saline County— | | Franklin County..... | 12 |
| Salina..... | 1 | Hancock County..... | 8 |
| Sedgwick County— | | Harrison County..... | 20 |
| Derby..... | 1 | Hinds County..... | 24 |
| Mount Hope..... | 1 | Holmes County..... | 4 |
| Wichita..... | 9 | Itawamba County..... | 4 |
| Shawnee County— | | Jackson County..... | 4 |
| Topeka..... | 2 | Jefferson County..... | 5 |
| Sumner County— | | Jefferson Davis..... | 5 |
| Conway Springs..... | 1 | Jones County..... | 13 |
| Wabaunsee County— | | Kemper County..... | 1 |
| Wabaunsee..... | 1 | Lafayette County..... | 6 |
| Wilson County— | | Lamar County..... | 8 |
| Coyville..... | 1 | Lauderdale County..... | 10 |
| Woodson County— | | Lawrence County..... | 6 |
| Geneva..... | 1 | Leake County..... | 4 |
| Neosho Falls..... | 1 | Lee County..... | 8 |
| Wyandotte County— | | Leflore County..... | 10 |
| Kansas City..... | 10 | Lincoln County..... | 15 |
| | | Lowndes County..... | 4 |
| | | Madison County..... | 10 |
| | | Marion County..... | 6 |
| Total..... | 92 | | |

TYPHOID FEVER—Continued.

State Reports for June, 1918—Continued.

| Place. | New cases reported. | Place. | New cases reported. |
|-------------------------------|---------------------|----------------------------------|---------------------|
| Mississippi—Continued. | | North Carolina—Continued. | |
| Marshall County..... | 9 | Orange County..... | 3 |
| Monroe County..... | 22 | Pamlico County..... | 2 |
| Montgomery County..... | 4 | Pasquotank County..... | 6 |
| Newton County..... | 5 | Pender County..... | 4 |
| Oktibbeha County..... | 3 | Perquimans County..... | 4 |
| Panola County..... | 15 | Person County..... | 2 |
| Pearl River County..... | 2 | Pitt County..... | 7 |
| Perry County..... | 1 | Randolph County..... | 1 |
| Pike County..... | 31 | Richmond County..... | 1 |
| Pontotoc County..... | 7 | Robeson County..... | 14 |
| Prentiss County..... | 3 | Rockingham County..... | 5 |
| Quitman County..... | 2 | Rowan County..... | 21 |
| Rankin County..... | 3 | Rutherford County..... | 3 |
| Scott County..... | 19 | Sampson County..... | 5 |
| Simpson County..... | 1 | Scotland County..... | 3 |
| Stone County..... | 6 | Stanly County..... | 7 |
| Sunflower County..... | 29 | Vance County..... | 3 |
| Tallahatchie County..... | 20 | Wake County..... | 3 |
| Tate County..... | 13 | Washington County..... | 4 |
| Tippah County..... | 11 | Wayne County..... | 20 |
| Tishomingo County..... | 1 | Wilson County..... | 1 |
| Union County..... | 1 | Yadkin County..... | 3 |
| Walthall County..... | 39 | | |
| Warren County..... | 7 | Total..... | 293 |
| Washington County..... | 8 | | |
| Wayne County..... | 7 | North Dakota: | |
| Webster County..... | 3 | Burleigh County..... | 1 |
| Wilkinson County..... | 4 | Hettinger County..... | 1 |
| Winston County..... | 3 | | |
| Yalobusha County..... | 4 | Total..... | 2 |
| Yazoo County..... | 8 | | |
| Total..... | 601 | Pennsylvania: | |
| North Carolina: | | Adams County..... | 1 |
| Anson County..... | 2 | Allegheny County..... | 27 |
| Avery County..... | 1 | Armstrong County..... | 15 |
| Beaufort County..... | 1 | Beaver County..... | 7 |
| Bertie County..... | 1 | Berks County..... | 3 |
| Bladen County..... | 3 | Blair County..... | 3 |
| Brunswick County..... | 1 | Bradford County..... | 6 |
| Cabarrus County..... | 4 | Bucks County..... | 3 |
| Caldwell County..... | 5 | Butler County..... | 5 |
| Carteret County..... | 6 | Cambria County..... | 8 |
| Caswell County..... | 1 | Carbon County..... | 2 |
| Catawba County..... | 2 | Centre County..... | 1 |
| Chatham County..... | 2 | Chester County..... | 7 |
| Cleveland County..... | 1 | Clarion County..... | 1 |
| Columbus County..... | 3 | Columbia County..... | 1 |
| Craven County..... | 5 | Crawford County..... | 2 |
| Cumberland County..... | 5 | Dauphin County..... | 9 |
| Davidson County..... | 2 | Delaware County..... | 7 |
| Duplin County..... | 2 | Erie County..... | 5 |
| Durham County..... | 12 | Fayette County..... | 13 |
| Edgecombe County..... | 3 | Huntingdon County..... | 8 |
| Forsyth County..... | 16 | Indiana County..... | 12 |
| Franklin County..... | 1 | Jefferson County..... | 6 |
| Gaston County..... | 5 | Lackawanna County..... | 2 |
| Graham County..... | 1 | Lancaster County..... | 6 |
| Granville County..... | 1 | Lawrence County..... | 4 |
| Greene County..... | 5 | Lebanon County..... | 1 |
| Guilford County..... | 5 | Lehigh County..... | 9 |
| Hallix County..... | 5 | Mercer County..... | 2 |
| Harnett County..... | 6 | Montgomery County..... | 7 |
| Hoke County..... | 2 | Montour County..... | 1 |
| Iredell County..... | 3 | Northampton County..... | 9 |
| Jackson County..... | 1 | Northumberland County..... | 4 |
| Johnston County..... | 8 | Philadelphia County..... | 35 |
| Jones County..... | 1 | Pike County..... | 1 |
| Lenoir County..... | 3 | Schuylkill County..... | 8 |
| Lincoln County..... | 1 | Snyder County..... | 1 |
| Martin County..... | 10 | Somerset County..... | 14 |
| Mitchell County..... | 17 | Union County..... | 2 |
| Moore County..... | 1 | Venango County..... | 2 |
| Nash County..... | 2 | Washington County..... | 11 |
| New Hanover County..... | 10 | Westmoreland County..... | 6 |
| Northampton County..... | 3 | York County..... | 14 |
| Onslow County..... | 2 | | |
| | | Total..... | 291 |

TYPHOID FEVER—Continued.

State Reports for June, 1918—Continued.

| Place. | New cases reported. | Place. | New cases reported. |
|-------------------------|---------------------|----------------------|---------------------|
| South Carolina: | | South Dakota: | |
| Abbeville County..... | 1 | Perkins County..... | 1 |
| Anderson County..... | 2 | | |
| Charleston County..... | 32 | Wyoming: | |
| Darlington County..... | 1 | Johnson County..... | 1 |
| Dorchester County..... | 4 | Lincoln County..... | 1 |
| Edgefield County..... | 7 | | |
| Greenville County..... | 8 | Total..... | 2 |
| Hampton County..... | 1 | | |
| Marion County..... | 1 | | |
| Richland County..... | 15 | | |
| Spartanburg County..... | 3 | | |
| Sumter County..... | 1 | | |
| Total..... | 76 | | |

City Reports for Week Ended July 13, 1918.

| Place. | Cases. | Deaths. | Place. | Cases. | Deaths. |
|------------------------|--------|---------|----------------------------|--------|---------|
| Abilene, Tex..... | 4 | | Fargo, N. Dak..... | | 1 |
| Akron, Ohio..... | 3 | | Fort Wayne, Ind..... | 2 | |
| Allentown, Pa..... | 1 | | Fostoria, Ohio..... | 3 | |
| Anniston, Ala..... | 6 | | Galveston, Tex..... | 3 | |
| Arlington, Mass..... | 1 | | Gloucester City, N. J..... | 1 | |
| Astoria, Oreg..... | 1 | 1 | Grand Rapids, Mich..... | 1 | |
| Atlanta, Ga..... | 6 | 1 | Greenfield, Mass..... | 1 | |
| Austin, Tex..... | 1 | 3 | Greenwich, Conn..... | 1 | |
| Baltimore, Md..... | 13 | 1 | Hattiesburg, Miss..... | 2 | |
| Batavia, N. Y..... | 2 | | Hoboken, N. J..... | 2 | |
| Bellaire, Ohio..... | 1 | | Homestead, Pa..... | 5 | |
| Belott, Wis..... | 2 | | Houston, Tex..... | 5 | |
| Beverly, Mass..... | 1 | | Indianapolis, Ind..... | 3 | 2 |
| Billings, Mont..... | 1 | | Jackson, Mich..... | 1 | |
| Birmingham, Ala..... | 24 | 6 | Jacksonville, Ill..... | 1 | |
| Bloomfield, N. J..... | 1 | | Jamestown, N. Y..... | 1 | |
| Boston, Mass..... | 4 | 1 | Kalamazoo, Mich..... | 1 | |
| Bridgeport, Conn..... | 1 | | Kansas City, Kans..... | 2 | |
| Bristol, R. I..... | 1 | | Kansas City, Mo..... | 3 | 2 |
| Buffalo, N. Y..... | 3 | | Knoxville, Tenn..... | 1 | |
| Burlington, Iowa..... | | 1 | Kokomo, Ind..... | 1 | |
| Butler, Pa..... | 2 | | Lake Charles, La..... | | 1 |
| Cambridge, Mass..... | 2 | | Lawrence, Kans..... | 1 | |
| Cambridge, Ohio..... | 1 | | Little Rock, Ark..... | 6 | |
| Camden, N. J..... | 1 | | Long Branch, N. J..... | 1 | |
| Charleston, S. C..... | 15 | | Los Angeles, Cal..... | 3 | |
| Charleston, W. Va..... | 19 | | Louisville, Ky..... | 7 | |
| Charlotte, N. C..... | 17 | 2 | Manchester, Conn..... | 1 | |
| Chattanooga, Tenn..... | 2 | | Memphis, Tenn..... | 6 | |
| Chelsea, Mass..... | 1 | | Milwaukee, Wis..... | 1 | |
| Chicago, Ill..... | 6 | 2 | Minneapolis, Minn..... | 1 | 1 |
| Cincinnati, Ohio..... | 4 | | Mobile, Ala..... | 5 | |
| Cleveland, Ohio..... | 4 | 1 | Moline, Ill..... | 38 | |
| Clinton, Mass..... | 2 | | Montgomery, Ala..... | 3 | |
| Coatesville, Pa..... | 3 | | Nashville, Tenn..... | 18 | |
| Coffeyville, Kans..... | 3 | | Newark, N. J..... | 1 | |
| Cohoes, N. Y..... | 1 | | Newark, Ohio..... | 1 | |
| Columbus, Ohio..... | 1 | | New Castle, Pa..... | 4 | |
| Concord, N. H..... | 2 | | New Haven, Conn..... | 2 | |
| Corsicana, Tex..... | 4 | | New Orleans, La..... | 8 | 4 |
| Covington, Ky..... | 1 | 1 | New York, N. Y..... | 40 | 11 |
| Dallas, Tex..... | 9 | 1 | Norfolk, Va..... | 1 | |
| Dayton, Ohio..... | 2 | | North Adams, Mass..... | 1 | |
| Dedham, Mass..... | 1 | | North Yakima, Wash..... | 1 | |
| Denver, Colo..... | 6 | | Oakland, Cal..... | 1 | |
| Detroit, Mich..... | 3 | | Oklahoma City, Okla..... | 1 | |
| Durham, N. C..... | 4 | | Palestine, Tex..... | 1 | |
| Elgin, Ill..... | 4 | | Philadelphia, Pa..... | 16 | 6 |
| El Paso, Tex..... | 1 | | Piqua, Ohio..... | | 1 |
| Erie, Pa..... | 1 | | Pittsburgh, Pa..... | 8 | |
| Evansville, Ind..... | 3 | | Port Chester, N. Y..... | 1 | |
| Fairmont, W. Va..... | 11 | | Portland, Me..... | 2 | |
| Fall River, Mass..... | 10 | | Providence, R. I..... | 1 | |

TYPHOID FEVER—Continued.

City Reports for Week Ended July 13, 1918—Continued.

| Place. | Cases. | Deaths. | Place. | Cases. | Deaths. |
|-------------------------|--------|---------|----------------------|--------|---------|
| Redlands, Cal. | 1 | | Spartanburg, S. C. | 4 | |
| Richmond, Va. | 8 | | Spokane, Wash. | 2 | |
| Rochester, N. Y. | 1 | | Springfield, Mass. | 2 | |
| Rocky Mount, N. C. | 2 | | Stockton, Cal. | 4 | |
| Rutland, Vt. | 2 | | Toledo, Ohio | 2 | |
| St. Joseph, Mo. | 6 | | Topeka, Kans. | 2 | 1 |
| St. Louis, Mo. | 14 | 2 | Trenton, N. J. | 1 | |
| St. Paul, Minn. | 1 | | Uniontown, Pa. | 1 | |
| Salt Lake City, Utah. | 2 | | Vancouver, Wash. | 1 | |
| San Francisco, Cal. | 1 | | Waco, Tex. | 2 | |
| Saratoga Springs, N. Y. | | 1 | Washington, D. C. | 5 | |
| Schenectady, N. Y. | 1 | | Wheeling, W. Va. | 10 | |
| Sharon, Pa. | 1 | | Wichita, Kans. | 3 | |
| Somerville, Mass. | 1 | | Winston-Salem, N. C. | 5 | 1 |
| South Bend, Ind. | 1 | | York, Pa. | 2 | |

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS.

State Reports for June, 1918.

| State. | Cases reported. | | | State. | Cases reported. | | |
|-------------|-----------------|----------|----------------|----------------|-----------------|----------|----------------|
| | Diphtheria. | Measles. | Scarlet fever. | | Diphtheria. | Measles. | Scarlet fever. |
| Illinois | 606 | 1,228 | 216 | North Carolina | 51 | 394 | 47 |
| Indiana | 155 | 304 | 159 | North Dakota | 31 | 35 | 37 |
| Iowa | 52 | | 151 | Pennsylvania | 824 | 6,611 | 425 |
| Kansas | 57 | 481 | 152 | South Carolina | 8 | 46 | |
| Minnesota | 256 | 707 | 335 | South Dakota | 16 | 124 | 22 |
| Mississippi | 49 | 757 | 23 | Wyoming | 10 | 39 | 8 |
| Nebraska | 69 | 43 | 52 | | | | |

City Reports for Week Ended July 13, 1918.

| City. | Popula- tion as of July 1, 1916 (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. |
| | | | | | | | | | | |
| Over 500,000 inhabitants: | | | | | | | | | | |
| Baltimore, Md. | 589,621 | 250 | 7 | 1 | 17 | | 3 | | 62 | 30 |
| Boston, Mass. | 756,476 | 210 | 59 | 4 | 100 | 2 | 13 | | 55 | 22 |
| Chicago, Ill. | 2,497,722 | 442 | 81 | 12 | 49 | | 20 | | 417 | 40 |
| Cleveland, Ohio. | 674,073 | | 16 | 1 | 38 | | 4 | | 14 | 18 |
| Detroit, Mich. | 571,784 | 182 | 32 | 3 | 29 | 2 | 30 | | 30 | 19 |
| Los Angeles, Cal. | 503,312 | 120 | 18 | 3 | 52 | | 1 | | 74 | 15 |
| New York, N. Y. | 5,602,941 | 1,138 | 202 | 19 | 158 | 5 | 50 | 3 | 230 | 130 |
| Philadelphia, Pa. | 1,709,518 | 561 | 57 | 5 | 162 | 1 | 20 | 1 | 98 | 74 |
| Pittsburgh, Pa. | 579,090 | | 10 | | 53 | | 11 | | 15 | |
| St. Louis, Mo. | 757,309 | 160 | 19 | 1 | 21 | 1 | 8 | | 38 | 11 |
| From 30,000 to 500,000 inhabit- ants: | | | | | | | | | | |
| Buffalo, N. Y. | 463,558 | 127 | 17 | 2 | 108 | | 8 | | 32 | 9 |
| Cincinnati, Ohio. | 440,476 | 83 | 11 | | 29 | | 7 | | 28 | 14 |
| Jersey City, N. J. | 306,345 | | 17 | | 6 | | 3 | | 12 | |
| Milwaukee, Wis. | 436,535 | | 10 | 3 | 46 | | 20 | 1 | 30 | 7 |
| Minneapolis, Minn. | 363,454 | 67 | 8 | 2 | 33 | 2 | 5 | 1 | 13 | 6 |
| Newark, N. J. | 408,894 | 124 | 19 | | 42 | 1 | 5 | | 25 | 12 |
| New Orleans, La. | 371,747 | 140 | 10 | 1 | | | 2 | | 25 | 16 |
| San Francisco, Cal. | 463,516 | 112 | 9 | 2 | 28 | | 4 | | 23 | 9 |
| Seattle, Wash. | 345,639 | | 2 | | 16 | | 13 | | | |
| Washington, D. C. | 363,980 | 129 | 8 | | 29 | | 4 | | 20 | 12 |

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—

Continued.

City Reports for Week Ended July 13, 1918—Continued.

| City. | Population as of July 1, 1916 (estimated by U. S. Census Bureau). | Total deaths from all causes. | Diphtheria. | | Measles. | | Scarlet fever. | | Tuberculosis. | |
|--------------------------------------|---|-------------------------------|-------------|---------|----------|---------|----------------|---------|---------------|---------|
| | | | Cases. | Deaths. | Cases. | Deaths. | Cases. | Deaths. | Cases. | Deaths. |
| From 200,000 to 300,000 inhabitants: | | | | | | | | | | |
| Columbus, Ohio..... | 214, 878 | 60 | | | 4 | | 7 | | 2 | 3 |
| Denver, Colo..... | 260, 800 | 47 | 8 | | | | 10 | | | 8 |
| Indianapolis, Ind..... | 271, 708 | 59 | 20 | 1 | 2 | | 5 | | 17 | 5 |
| Kansas City, Mo..... | 297, 874 | 132 | 2 | | 3 | | 1 | | | 16 |
| Louisville, Ky..... | 238, 910 | 72 | 3 | | 3 | | | | 15 | 10 |
| Portland, Ore..... | 395, 463 | 45 | | | 19 | | | | 12 | 4 |
| Providence, R. I..... | 254, 960 | 62 | 10 | | 64 | 2 | 3 | | | 6 |
| Rochester, N. Y..... | 256, 417 | 52 | 3 | | 58 | 3 | 10 | 1 | 29 | 4 |
| St. Paul, Minn..... | 247, 232 | | 1 | | 6 | | 6 | 1 | 12 | 3 |
| From 100,000 to 200,000 inhabitants: | | | | | | | | | | |
| Atlanta, Ga..... | 190, 558 | | | | | | 3 | | 6 | 1 |
| Birmingham, Ala..... | 181, 762 | 59 | 2 | | 2 | | | | 4 | 9 |
| Bridgeport, Conn..... | 121, 576 | 29 | | | | | 2 | | 2 | 2 |
| Cambridge, Mass..... | 112, 921 | 31 | 12 | 1 | 15 | 2 | 1 | | 3 | 6 |
| Camden, N. J..... | 106, 233 | | 1 | | 2 | | 1 | | 6 | 6 |
| Dallas, Tex..... | 124, 527 | 28 | | | | | 1 | | 3 | 1 |
| Dayton, Ohio..... | 127, 244 | | 1 | | 1 | | 2 | | 9 | 7 |
| Des Moines, Iowa..... | 101, 598 | | 1 | | | | | | 2 | 1 |
| Fall River, Mass..... | 128, 366 | 47 | 6 | 4 | 3 | | | | 12 | 2 |
| Fort Worth, Tex..... | 104, 562 | -20 | 2 | | | | 1 | | 2 | 7 |
| Grand Rapids, Mich..... | 128, 291 | 26 | 5 | 1 | 7 | | 1 | | 1 | 3 |
| Houston, Tex..... | 112, 307 | 33 | | | | | 1 | | 1 | 5 |
| Lawrence, Mass..... | 100, 560 | 21 | 2 | | 34 | | 1 | | 5 | 5 |
| Lowell, Mass..... | 113, 245 | 29 | 2 | | 31 | 1 | 2 | | 5 | 2 |
| Lynn, Mass..... | 102, 425 | 19 | 1 | | 5 | | 2 | | 2 | 2 |
| Memphis, Tenn..... | 148, 995 | 43 | 1 | | | | | | 13 | 7 |
| Nashville, Tenn..... | 117, 057 | 49 | 1 | | 6 | | | | 4 | 7 |
| New Bedford, Mass..... | 118, 158 | | 2 | | 1 | | | | 11 | 10 |
| New Haven, Conn..... | 148, 685 | | | | 5 | | 1 | | 9 | 3 |
| Oakland, Cal..... | 198, 604 | 40 | | | | | 2 | | 3 | 2 |
| Omaha, Nebr..... | 165, 470 | 33 | 6. | 2 | 4 | | 2 | | | 2 |
| Reading, Pa..... | 109, 381 | | | | 3 | | 1 | | | |
| Richmond, Va..... | 156, 687 | 61 | 1 | | 9 | | 1 | | 5 | 3 |
| Salt Lake City, Utah..... | 117, 399 | 16 | 7 | 1 | 3 | | 2 | | | 1 |
| Scranton, Pa..... | 146, 811 | | 3 | | | | 1 | | | |
| Spokane, Wash..... | 150, 323 | | | | 1 | | 3 | | 2 | |
| Springfield, Mass..... | 105, 942 | 33 | 4 | | 10 | | | | 5 | 4 |
| Syracuse, N. Y..... | 155, 624 | 47 | 1 | | 11 | | 1 | | 4 | 1 |
| Tacoma, Wash..... | 112, 770 | | 1 | | 33 | | 22 | | | |
| Toledo, Ohio..... | 191, 554 | | 6 | | 10 | | 2 | | 12 | 9 |
| Trenton, N. J..... | 111, 593 | 38 | 2 | | 8 | 2 | | | 9 | 4 |
| Worcester, Mass..... | 163, 314 | 28 | 1 | | 14 | | 1 | | 8 | 3 |
| Youngstown, Ohio..... | 106, 385 | 35 | 1 | 1 | | | 2 | | | |
| From 50,000 to 100,000 inhabitants: | | | | | | | | | | |
| Akron, Ohio..... | 85, 625 | 24 | 2 | | 6 | | 4 | | 1 | |
| Allentown, Pa..... | 63, 505 | | 2 | | 169 | | 1 | | 3 | |
| Altoona, Pa..... | 58, 659 | | 3 | | 7 | | 1 | | 1 | |
| Atlantic City, N. J..... | 57, 660 | 11 | | | 11 | | | | 2 | |
| Augusta, Ga..... | 50, 245 | 8 | | | | | | | 2 | 1 |
| Bayonne, N. J..... | 69, 893 | | 3 | | | | | | 3 | |
| Berkeley, Cal..... | 57, 653 | 11 | 2 | | 1 | | | | 2 | 1 |
| Brockton, Mass..... | 67, 449 | 14 | | | 9 | | 2 | | 1 | 1 |
| Canton, Ohio..... | 60, 852 | 14 | 4 | | 1 | | 1 | | 3 | 1 |
| Charleston, S. C..... | 60, 734 | 29 | | | | | | | 2 | 2 |
| Chattanooga, Tenn..... | 60, 075 | 2 | | | | | | | 1 | 2 |
| Covington, Ky..... | 57, 144 | 14 | | | 3 | | | | 2 | |
| Duluth, Minn..... | 94, 495 | 20 | | | 2 | | 1 | | 5 | 2 |
| El Paso, Tex..... | 63, 705 | 27 | | | | | | | | 4 |
| Erie, Pa..... | 75, 195 | | | | 22 | | 1 | | 3 | |
| Evansville, Ind..... | 76, 078 | 23 | 1 | | | | | | 4 | 1 |
| Flint, Mich..... | 54, 772 | 6 | 3 | | 5 | | 2 | | 2 | 1 |
| Fort Wayne, Ind..... | 76, 183 | 17 | 1 | | 5 | | | | 2 | 2 |
| Harrisburg, Pa..... | 72, 015 | | 1 | | | | | | | |
| Hoboken, N. J..... | 77, 214 | | 1 | | | | | | 3 | 3 |
| Holyoke, Mass..... | 65, 286 | 12 | | | | | 1 | | | 1 |
| Johnstown, Pa..... | 68, 529 | | 1 | | 9 | | | | 2 | |
| Kansas City, Kans..... | 99, 437 | | | | 1 | | | | 3 | |
| Little Rock, Ark..... | 57, 343 | 5 | | | 2 | | 1 | | 6 | |

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

City Reports for Week Ended July 13, 1918—Continued.

| City. | Popula- tion as of July 1, 1916 (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. |
| From 10,000 to 25,000 inhabit- ants—Continued. | | | | | | | | | | |
| Beverly, Mass..... | 21,645 | 4 | | | 1 | | 1 | | 1 | |
| Billings, Mont..... | 14,422 | 3 | | | 3 | | | | 1 | 1 |
| Bloomfield, N. J..... | 18,466 | | | | 1 | | 1 | | | |
| Braddock, Pa..... | 21,685 | | | | 3 | | | | 1 | |
| Bristol, Conn..... | 15,927 | 2 | | | | | | | | |
| Bristol, R. I..... | 9,600 | 3 | 1 | | 15 | | 1 | | | 1 |
| Burlington, Vt..... | 21,617 | 10 | | | 11 | | | | | |
| Cairo, Ill..... | 15,794 | 4 | | | | | | | | 1 |
| Cambridge, Ohio..... | 13,483 | 7 | | | | | | | | 2 |
| Carlisle, Pa..... | 10,726 | | 2 | | | | | | | |
| Chillicothe, Ohio..... | 15,470 | 4 | 1 | | | | | | | 2 |
| Clinton, Mass..... | 13,075 | 2 | | | 4 | | | | | |
| Coatesville, Pa..... | 14,455 | | | | 1 | | | | | |
| Coffeyville, Kans..... | 17,548 | | | | | | 1 | | 1 | |
| Columbia, Pa..... | 11,454 | | | | | | | | 1 | |
| Concord, N. H..... | 22,660 | 4 | 2 | | 9 | | | | | 1 |
| Connellsville, Pa..... | 15,455 | | | | | | | | 1 | |
| Corsicana, Tex..... | 10,022 | 5 | 2 | | | | 1 | | 2 | |
| Cortland, N. Y..... | 13,060 | 6 | | | | | | | | |
| Dedham, Mass..... | 10,433 | 3 | | | 2 | | 1 | | | |
| Dover, N. H..... | 13,272 | 2 | | | 1 | | | | | |
| East Cleveland, Ohio..... | 13,214 | | | | 3 | | 1 | | | |
| Elyria, Ohio..... | 18,618 | 8 | | 1 | | | | | 1 | |
| Englewood, N. J..... | 12,231 | 6 | | | | | | | | |
| Fargo, N. Dak..... | 17,390 | 3 | | | 1 | | | | | |
| Findlay, Ohio..... | 14,853 | 5 | | | | | | | | |
| Fond du Lac, Wis..... | 21,113 | 7 | | | | | 1 | | | |
| Fort Scott, Kans..... | 10,550 | 2 | | | | | | | | 1 |
| Fosteria, Ohio..... | 10,770 | 6 | | | | | | | | |
| Frederick, Md..... | 11,112 | 6 | | | 1 | | | | | |
| Fremont, Ohio..... | 10,882 | | | | | | 1 | | | |
| Galesburg, Ill..... | 24,267 | 7 | | | 4 | | | | | |
| Geneva, N. Y..... | 13,711 | 6 | | | 15 | | 1 | | | |
| Gloucester City, N. J..... | 24,398 | 3 | 1 | | 4 | | | | 2 | |
| Granite City, Ill..... | 15,142 | 3 | | | 1 | | | | | |
| Greenville, S. C..... | 18,181 | 6 | | | | | | | 1 | |
| Greenwich, Conn..... | 19,160 | | | | 10 | | | | 3 | |
| Hancock, Mich..... | 12,079 | | | | | | | | 1 | |
| Harrison, N. J..... | 16,960 | | | | 2 | | | | 1 | |
| Hattiesburg, Miss..... | 16,482 | | | | | | 1 | | 2 | |
| Henderson, Ky..... | 12,192 | 7 | | | | | | | | 2 |
| Holland, Mich..... | 12,186 | | | | | | | | 1 | |
| Homestead, Pa..... | 22,466 | | 1 | | 2 | | 2 | | | |
| Hornell, N. Y..... | 14,686 | 3 | | | | | | | | |
| Hudson, N. Y..... | 12,705 | 1 | | | 3 | | 3 | | | |
| Iola, Kans..... | 11,068 | | | | | | | | 3 | |
| Jacksonville, Ill..... | 15,481 | 8 | | | | | | | 2 | 1 |
| Johnstown, N. Y..... | 10,646 | | 4 | | | | | | | |
| Kankakee, Ill..... | 14,230 | | | | | | 1 | | | |
| Kearny, N. J..... | 23,539 | 8 | | | | | | | 1 | |
| Kokomo, Ind..... | 20,930 | 1 | | | | | | | 2 | |
| Lackawanna, N. Y..... | 15,987 | 14 | | | 9 | | | | 1 | 1 |
| La Fayette, Ind..... | 21,286 | 8 | 2 | | | | 1 | | | 1 |
| Lake Charles, La..... | 14,447 | 7 | | | | | | | | 2 |
| Lancaster, Ohio..... | 15,670 | | | | 3 | | 2 | | | |
| Leavenworth, Kans..... | 19,363 | 6 | 4 | | | | | | 1 | 1 |
| Lebanon, Pa..... | 20,799 | | 3 | | 2 | | | | | |
| Long Branch, N. J..... | 15,395 | 8 | 3 | | 6 | | | | | |
| Mahanoy City, Pa..... | 17,463 | | | | 2 | | | | | |
| Manchester, Conn..... | 15,551 | 3 | | | 3 | | | | 1 | |
| Manitowoc, Wis..... | 13,805 | 5 | 1 | | | | 1 | | | |
| Marinette, Wis..... | 14,610 | 3 | | | | | 2 | | | |
| Marion, Ind..... | 19,834 | 2 | | | | | | | 1 | 1 |
| Marlboro, Mass..... | 15,187 | 3 | | | | | | | 2 | |
| Marquette, Mich..... | 12,409 | 3 | | | | | 2 | | | |
| Marshall, Tex..... | 13,712 | 5 | | | | | | | | |
| Mason City, Iowa..... | 14,467 | 9 | | | | | | | | |
| Massillon, Ohio..... | 15,310 | 1 | | | | | | | | |
| Mattoon, Ill..... | 12,582 | 2 | | | 1 | | | | | 1 |

¹ Population Apr. 15, 1910; no estimate made.

² Population Apr. 15, 1918; no estimate made.

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

City Reports for Week Ended July 13, 1918—Continued.

| City. | Popula- tion as of July 1, 1916 (estimated by U. S. Census Bureau). | Total deaths from all causes. | Diphtheria. | | Measles. | | Scarlet fever. | | Tubercu- losis. | |
|---|---|---|-------------|---------|----------|---------|-------------------|---------|--------------------|---------|
| | | | Cases. | Deaths. | Cases. | Deaths. | Cases. | Deaths. | Cases. | Deaths. |
| From 10,000 to 25,000 inhabit- ants—Continued. | | | | | | | | | | |
| Melrose, Mass. | 17,445 | 2 | | | | | | | 2 | |
| Michigan City, Ind. | 21,512 | 6 | | | | | | | | |
| Middletown, N. Y. | 15,810 | 1 | | | 1 | | | | | 1 |
| Milford, Mass. | 14,110 | 7 | | | | | | | | |
| Mishawaka, Ind. | 16,385 | 4 | | | 1 | | | | 1 | 1 |
| Missoula, Mont. | 18,214 | 7 | | | | | | | 1 | 1 |
| Monessen, Pa. | 21,630 | | 5 | | | | | | | |
| Morgantown, W. Va. | 13,709 | 2 | | | 1 | | | | | |
| Morristown, N. J. | 13,284 | 3 | | | 1 | | | | | |
| Moundsville, W. Va. | 11,153 | 5 | 2 | 1 | | | | | | |
| Newburyport, Mass. | 15,243 | 3 | | | | | | | | |
| New London, Conn. | 20,985 | 8 | | | | | 1 | | 2 | |
| North Adams, Mass. | 22,019 | 6 | | | | | | | | |
| Northampton, Mass. | 19,926 | 9 | | | 11 | | | | | 1 |
| North Attleboro, Mass. | 11,014 | 1 | 1 | | 2 | | | | | |
| North Braddock, Pa. | 15,148 | | 1 | | | | | | | |
| North Tonawanda, N. Y. | 15,768 | 2 | | | 6 | | | | 2 | |
| North Yakima, Wash. | 20,951 | | | | 3 | | | | | |
| Norwood, Ohio | 22,286 | 3 | | | | | | | | 1 |
| Oil City, Pa. | 19,297 | | | | 1 | | | | | |
| Olean, N. Y. | 16,524 | 5 | | | | | | | | 1 |
| Palestine, Tex. | 11,952 | 1 | | | | | | | 1 | |
| Parkersburg, W. Va. | 30,612 | 5 | | | | | | | | 1 |
| Peabody, Mass. | 18,360 | 6 | 1 | | 20 | | | | 2 | 1 |
| Peekskill, N. Y. | 18,530 | 2 | | | | | | | | |
| Phoenixville, Pa. | 11,714 | | 1 | | 6 | | | | | |
| Piqua, Ohio | 14,153 | 3 | | | | | | | | |
| Pittston, Pa. | 18,599 | | | | 4 | | | | | |
| Plainfield, N. J. | 23,905 | 8 | | | 11 | | | | 1 | 2 |
| Plymouth, Mass. | 13,743 | 2 | | | | | | | | |
| Pontiac, Mich. | 17,524 | 11 | | | 6 | | 1 | | | 2 |
| Port Chester, N. Y. | 16,183 | 1 | | | | | | | | |
| Pottsville, Pa. | 22,372 | | 1 | | 12 | | | | | |
| Provo, Utah | 10,645 | 2 | | | | | 1 | | | |
| Rahway, N. J. | 10,219 | | 2 | | 2 | | | | 2 | |
| Raleigh, N. C. | 20,127 | 12 | | | | | | | 1 | 1 |
| Redlands, Cal. | 14,000 | 2 | | | | | | | | 1 |
| Richmond, Ind. | 24,697 | 4 | | | | | 1 | | | |
| Riverside, Cal. | 19,763 | 2 | | | 1 | | | | 1 | |
| Rocky Mount, N. C. | 12,067 | 4 | | | | | | | | |
| Rome, N. Y. | 23,737 | | | | | | | | 3 | |
| Rutland, Vt. | 14,831 | 5 | | | | | | | | 2 |
| San Angelo, Tex. | 10,321 | 10 | | | | | | | | 4 |
| San Bernardino, Cal. | 16,945 | 1 | | | | | | | | |
| Sandusky, Ohio | 20,193 | 7 | | | | | | | | |
| Santa Ana, Cal. | 10,627 | 3 | | | | | | | | |
| Santa Barbara, Cal. | 14,846 | 1 | | | | | | | | |
| Santa Cruz, Cal. | 14,594 | 3 | | | 4 | | | | | |
| Saratoga Springs, N. Y. | 13,821 | 4 | 1 | | 49 | | | | | |
| Sault Ste. Marie, Mich. | 13,919 | 3 | | | | | | | | |
| Sedalia, Mo. | 19,449 | 6 | | | | | | | 1 | 1 |
| Shamokin, Pa. | 21,129 | | 2 | | | | 1 | | | |
| Shenandoah, Pa. | 29,201 | | | | | | | | 1 | |
| Sioux Falls, S. Dak. | 16,499 | 7 | | | | | | | | |
| Southbridge, Mass. | 14,205 | 4 | | | 1 | | | | | 1 |
| Spartanburg, S. C. | 21,365 | 8 | | | 1 | | | | 3 | 2 |
| Vallejo, Cal. | 13,461 | 1 | | | | | | | | |
| Washington, Pa. | 21,618 | | | | | | | | 1 | |
| Watertown, Mass. | 14,867 | 2 | | | 3 | | 1 | | | 1 |
| Wausau, Wis. | 19,239 | 2 | | | | | 5 | | 1 | |
| West Chester, Pa. | 13,176 | | | | | | 1 | 1 | | 1 |
| Westfield, Mass. | 18,391 | 6 | 1 | | | | 1 | | | |
| West New York, N. J. | 18,773 | | 1 | | | | | | 1 | |
| White Plains, N. Y. | 22,465 | 1 | | | | | | | | |
| Wilkinsburg, Pa. | 26,228 | | | | 1 | | | | | |
| Winchester, Mass. | 10,606 | 1 | | | | | | | | |
| Winona, Minn. | 18,583 | 2 | | | | | | | | |
| Woburn, Mass. | 15,969 | 6 | | | 1 | | | | | |

† Population Apr. 15, 1910; no estimate made.

FOREIGN.

CHINA.

Dengue—Chefoo.

Dengue was reported prevalent at Chefoo, China, during the two weeks ended June 15, 1918.

CUBA.

Communicable Diseases—Habana.

Communicable diseases have been notified at Habana as follows:

| Disease. | June 21-30, 1918. | | Remain- ing under treat- ment June 30, 1918. | Disease. | June 21-30, 1918. | | Remain- ing under treat- ment June 30, 1918. |
|------------------------------------|-------------------|---------|---|---------------------|-------------------|---------|---|
| | New cases. | Deaths. | | | New cases. | Deaths. | |
| Cerebrospinal men- ingitis..... | | | 1 1 | Measles..... | 2 | 1 | 3 |
| Diphtheria..... | 2 | | 1 | Paratyphoid fever.. | 4 | 7 | 7 |
| Leprosy..... | | | 13 | Typhoid fever..... | 30 | | 130 |
| Malaria..... | 6 | | 12 | Varicella..... | 6 | | 13 |

¹ Foreign, 1.

² From the interior, 10.

³ From Regla, 1; from the interior, 1.

⁴ From the interior, 52.

EGYPT.

Plague.

During the period from May 16 to 23, 1918, 15 cases of plague were notified in Egypt. Of these, 2 cases, of which 1 was pneumonic in form, occurred at Port Said. The remainder were distributed by provinces as follows: Fayoum, 2 cases; Keneh, 1 case; Minieh, 10 cases, of which 2 were septicemic in form.

Typhus Fever—Alexandria.

During the period from May 7 to June 3, 1918, 832 cases of typhus fever were notified at Alexandria, Egypt. The number reported from January to May, 1918, inclusive, was 1,826, and from July to December, 1917, inclusive, a total of 521 cases was reported.

GREAT BRITAIN.

Examination of Rats—Liverpool.

During the period from May 5 to June 29, 1918, 1,430 rats were examined at Liverpool. No plague infection was found.

JAVA.

Cholera—Samarang—Surabaya.

Cholera was reported present, July 24, 1918, at Samarang and Surabaya, island of Java.

SWITZERLAND.

Influenza—Bern.

An outbreak of influenza, with many fatal cases, was reported at Bern, Switzerland, July 30, 1918.

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

Reports Received During Week Ended Aug. 2, 1918.¹

CHOLERA.

| Place. | Date. | Cases. | Deaths. | Remarks. |
|----------------------------------|----------------|--------|---------|---|
| India: | | | | |
| Calcutta..... | Apr. 7-13..... | | 66 | |
| Madras..... | May 5-11..... | 1 | 1 | |
| Rangoon..... | do..... | 4 | 4 | |
| Java: | | | | |
| Samarang..... | July 24..... | | | Present. |
| Surabaya..... | do..... | | | Do. |
| Persia: | | | | |
| Kars, Province— Kazaroun..... | | | | December, 1917: 3 or 4 deaths reported daily. |
| Mahour-Milat..... | | | | Present in December, 1917, with about 300 fatal cases reported. |
| Philippine Islands: | | | | |
| Provinces..... | | | | June 2-8, 1918: Cases, 7; deaths, 6. |
| Bohol..... | June 2-8..... | 3 | 3 | |
| Sorsogon..... | do..... | 4 | 3 | |
| Russia: | | | | |
| Petrograd..... | July 7..... | | | Present. |
| Switzerland..... | | | | July 26, 1918: Present. |
| On vessel: | | | | |
| S. S. Angermanland..... | July 14..... | 8 | 1 | At Stockholm; previously reported. |

PLAGUE.

| | | | | |
|------------------------|---------------------|----|----|---|
| Arabia: | | | | |
| Aden..... | May 22-28..... | | 1 | |
| Egypt..... | | | | Jan. 1-May 23, 1918: Cases, 140; deaths, 89. |
| Port Said..... | May 19-21..... | 2 | 1 | 1 pneumonic. |
| Provinces— | | | | |
| Fayoum..... | May 17-21..... | 2 | 1 | |
| Keneh..... | May 16..... | 1 | 1 | |
| Minieh..... | May 16-23..... | 10 | 3 | 2 cases septicemic. |
| India..... | | | | Apr. 7-20, 1918: Cases, 20,550; deaths, 23,284. |
| Bassein..... | Mar. 30-Apr. 5..... | | 15 | |
| Calcutta..... | Apr. 5-11..... | | 13 | |
| Madras Presidency..... | May 5-11..... | 74 | 58 | |
| Mandalay..... | Mar. 30-Apr. 5..... | | 1 | |
| Moulmein..... | do..... | | 20 | |
| Prome..... | do..... | | 4 | |
| Rangoon..... | May 5-11..... | 24 | 22 | |
| Toungoo..... | Mar. 30-Apr. 5..... | | 1 | |

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

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

Reports Received During Week Ended Aug. 2, 1918—Continued.

SMALLPOX.

| Place. | Date. | Cases. | Deaths. | Remarks. |
|-----------------------|----------------------|--------|---------|-----------------------------|
| Brazil: | | | | |
| Rio de Janeiro | May 5-18 | 11 | 3 | |
| Canada: | | | | |
| British Columbia— | | | | |
| Victoria | July 7-13 | 1 | | |
| Manitoba— | | | | |
| Winnipeg | do | 1 | | |
| Nova Scotia— | | | | |
| Halifax | do | 25 | | |
| Sydney | do | 2 | | |
| Prince Edward Island— | | | | |
| Summerside | July 9-15 | 1 | | |
| China: | | | | |
| Antung | June 3-9 | 3 | | |
| Dairen | June 4-17 | 5 | 2 | |
| Foochow | May 13-June 1 | | | Present. |
| Shanghai | May 27-June 2 | 1 | | |
| Tientsin | June 9-15 | 3 | | |
| France: | | | | |
| Paris | do | 2 | | |
| Great Britain: | | | | |
| Liverpool | do | 1 | | From vessel. |
| India: | | | | |
| Calcutta | Apr. 7-13 | | 28 | |
| Madras | May 5-18 | 16 | 5 | |
| Rangoon | May 5-11 | 7 | 3 | |
| Japan: | | | | |
| Nagasaki | June 3-9 | 2 | | |
| Taihoku | June 4-10 | 2 | 2 | Island of Taiwan (Formosa). |
| Mesopotamia: | | | | |
| Bagdad | Apr. 27-May 10 | 3 | | |
| Mexico: | | | | |
| Mazatlan | July 3-9 | | 1 | |
| Mexico City | June 2-15 | 43 | | |
| Philippine Islands: | | | | |
| Manila | June 2-8 | 108 | 74 | Varioloid, 24 cases. |
| Portugal: | | | | |
| Lisbon | June 9-22 | 38 | | |
| Spain: | | | | |
| Malaga | Jan. 1-31 | | 16 | |
| On vessel | | | | At Liverpool, England. |

TYPHUS FEVER.

| | | | | |
|-------------------------------|----------------------|-----|-----|--|
| China: | | | | |
| Antung | June 3-9 | 1 | | |
| Egypt: | | | | |
| Alexandria | May 14-June 3 | 573 | 152 | |
| Great Britain: | | | | |
| Edinburgh | June 9-15 | | 1 | |
| Greece: | | | | |
| Saloniki | May 26-June 8 | | 6 | |
| Italy: | | | | |
| Molletta | June 3-9 | 4 | | |
| Mesopotamia: | | | | |
| Bagdad | Apr. 27-May 10 | 41 | | |
| Mexico: | | | | |
| Mexico City | June 2-8 | 67 | | |
| Union of South Africa: | | | | |
| Cape of Good Hope State | | | | Sept. 10, 1917-Apr. 21, 1918: Cases, 4,587 (European, 34); deaths, 859 (European, 25). |
| Natal | | | | Dec. 1, 1917-Apr. 21, 1918: Cases, 50; deaths, 11. |

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

Reports Received from June 29 to July 26, 1918.

CHOLERA.

| Place. | Date. | Cases. | Deaths. | Remarks. |
|---------------------|---------------------|--------|---------|---|
| India: | | | | |
| Bombay..... | Mar. 17-Apr. 13.... | 2 | 1 | |
| Calcutta..... | Apr. 14-20..... | | 62 | |
| Madras..... | Mar. 24-Apr. 6.... | 3 | 1 | |
| Rangoon..... | Mar. 30-May 4.... | 21 | 13 | |
| Indo-China..... | | | | Jan. 1-Feb. 28, 1918: Cases, 190; deaths, 126. |
| Cambodia..... | Jan. 1-Feb. 28.... | 135 | 83 | |
| Cochin-China..... | do..... | 54 | 43 | |
| Saigon..... | Apr. 29-May 19.... | 47 | 30 | |
| Tonkin..... | Jan. 1-31..... | 1 | | |
| Java: | | | | |
| Mid-Java..... | | | | Apr. 26-May 15, 1918: Cases, 487; deaths, 359. |
| West Java..... | | | | Feb. 22-May 23, 1918: Cases, 792; deaths, 443. |
| Batavia..... | Feb. 22-May 23.... | 126 | 62 | |
| Persia: | | | | |
| Provinces— | | | | |
| Khorasan..... | | | | Oct. 2-Nov. 16, 1917: Cases, 78; deaths, 56. In 7 localities. |
| Seistan..... | | | | Nov. 4, 1917: Cases, 6. A part of this province or region extends into Afghanistan. |
| Philippine Islands: | | | | |
| Provinces..... | | | | Apr. 28-June 1, 1918: Cases, 416; deaths, 252. |
| Bohol..... | Apr. 28-June 1.... | 32 | 26 | |
| Cepis..... | Apr. 28-May 4.... | 1 | 1 | |
| Cebu..... | May 5-25..... | 7 | 1 | |
| Leyte..... | Apr. 28-June 1.... | 106 | 57 | |
| Misamis..... | do..... | 239 | 135 | |
| Surigao..... | do..... | 31 | 31 | |
| Sweden: | | | | |
| Stockholm..... | July 15..... | 5 | 1 | From vessel from Petrograd, Russia. |
| On vessel..... | do..... | | | At Stockholm, Sweden, from Petrograd, Russia. |

PLAGUE.

| | | | | |
|------------------------|---------------------|-----|-----|---|
| Argentina: | | | | |
| Buenos Aires..... | Apr. 20-May 22.... | 16 | 2 | |
| Tucuman..... | | | | In March, 1918, 3 cases in an institution. |
| Ceylon: | | | | |
| Colombo..... | Mar. 23-May 11.... | 13 | 13 | |
| China: | | | | |
| Hongkong..... | Apr. 14-May 25.... | 25 | 16 | |
| Ecuador: | | | | |
| Duran..... | Apr. 1-30..... | 2 | | |
| Guayaquil..... | May 1-June 15.... | 28 | 10 | |
| Egypt: | | | | Jan. 1-May 2, 1918: Cases, 113; deaths, 71. |
| Provinces— | | | | |
| Beni-Souef..... | Apr. 26-30..... | 2 | 1 | |
| Fayoum..... | Apr. 21-29..... | 5 | 3 | |
| Minieh..... | Apr. 23-30..... | 16 | 8 | Three septicemic. |
| Great Britain: | | | | |
| Rochester..... | June 2..... | 1 | 1 | From s. s. Somali at Gravesend from Bombay. |
| India..... | | | | Mar. 31-Apr. 13, 1918: Cases, 55,670; deaths, 42,238. |
| Bassein..... | Mar. 25-Apr. 27.... | | 75 | |
| Bombay..... | Mar. 24-Apr. 20.... | 493 | 402 | |
| Calcutta..... | Apr. 14-20..... | | 18 | |
| Henzada..... | Mar. 24-Apr. 13.... | | 20 | |
| Madras Presidency..... | Mar. 24-Apr. 6.... | 368 | 274 | |
| Mandalay..... | Mar. 17-Apr. 20.... | | 51 | |
| Moulmein..... | Mar. 24-Apr. 27.... | | 107 | |
| Myingyan..... | Mar. 17-Apr. 14.... | | 10 | |
| Pegu..... | Apr. 14-20..... | | 2 | |
| Prome..... | Mar. 24-Apr. 27.... | | 19 | |
| Rangoon..... | Mar. 30-May 4.... | 337 | 326 | |
| Toungoo..... | Mar. 24-Apr. 27.... | | 19 | |
| Indo-China..... | | | | Jan. 1-Feb. 28, 1918: Cases, 275, deaths, 200. |
| Anam..... | Jan. 1-Feb. 28.... | 58 | 38 | |
| Cambodia..... | do..... | 128 | 120 | |
| Cochin-China..... | do..... | 85 | 40 | |
| Saigon..... | Apr. 29-May 19.... | 73 | 33 | |
| Laos..... | Feb. 1-28..... | 4 | 2 | |

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

Reports Received from June 29 to July 26, 1918—Continued.

PLAGUE—Continued.

| Place. | Date. | Cases. | Deaths. | Remarks. |
|-------------------|---------------------|--------|---------|--|
| Java: | | | | |
| East Java..... | | | | Jan. 15-Apr. 8, 1918: Cases, 292; deaths, 196. |
| Residences— | | | | |
| Djoejakarta..... | Jan. 15-Apr. 8..... | | 3 | |
| Kediri..... | do..... | 13 | 10 | |
| Madioen..... | do..... | 30 | 30 | |
| Samarang..... | do..... | 82 | 81 | |
| Surabaya..... | do..... | 60 | 60 | |
| Surakarta..... | do..... | 12 | 12 | |
| Peru..... | | | | Apr. 1-15, 1918: Cases, 23. Jan. 1-June 30, 1917: Cases, 245; deaths, 122. July 1-Dec. 31, 1917: Cases, 169; deaths, 89. For distribution according to departments, see Public Health Reports, July 26, 1918, p. 1261. |
| Departments— | | | | |
| Ancachs..... | Apr. 1-15..... | 1 | | |
| Lima..... | do..... | 1 | | |
| Libertad..... | do..... | 16 | | |
| Piura..... | do..... | 5 | | |
| On vessel: | | | | |
| S. S. Somali..... | May 19..... | 3 | 1 | At Gravesend, England, from Bombay. Further case developed June 2, in member of crew at Rochester, England. |

SMALLPOX.

| | | | | |
|----------------------|---------------------|-----|----|----------------------|
| Algeria: | | | | |
| Algiers..... | May 1-31..... | 113 | 32 | |
| Brazil: | | | | |
| Bahia..... | May 5-11..... | 1 | | |
| Santos..... | Apr. 22-28..... | | 1 | |
| British East Africa: | | | | |
| Mombasa..... | Jan. 1-Mar. 31..... | | 3 | |
| Canada: | | | | |
| British Columbia— | | | | |
| Victoria..... | June 23-29..... | 4 | | |
| Manitoba— | | | | |
| Winnipeg..... | June 9-22..... | 5 | | |
| New Brunswick— | | | | |
| Moncton..... | June 16-22..... | 2 | | |
| Do..... | July 7-13..... | 4 | | |
| Newfoundland— | | | | |
| St. Johns..... | June 22-28..... | 1 | | |
| Nova Scotia— | | | | |
| Halifax..... | do..... | 10 | | |
| Do..... | June 30-July 6..... | 1 | | |
| Sydney..... | do..... | 1 | | |
| Quebec— | | | | |
| Montreal..... | July 7-13..... | 1 | | |
| Ceylon: | | | | |
| Colombo..... | Mar. 23-May 4..... | 8 | 1 | |
| China: | | | | |
| Amoy..... | Apr 1-May 19..... | | | Present. |
| Antung..... | May 20-June 2..... | 3 | 1 | |
| Chungking..... | May 12-18..... | | | Present. |
| Dairen..... | May 7-June 3..... | 41 | 8 | |
| Hongkong..... | Apr. 6-May 18..... | 4 | 1 | |
| Shanghai..... | Apr. 21-May 6..... | 2 | | |
| Tientsin..... | May 19-June 8..... | 10 | | |
| Tsingtau..... | May 6-19..... | 7 | | |
| Colombia: | | | | |
| Cartagena..... | May 21-27..... | | 1 | |
| Ecuador: | | | | |
| Guayaquil..... | Apr. 1-30..... | 2 | | |
| Egypt: | | | | |
| Alexandria..... | May 7-13..... | 1 | | |
| France: | | | | |
| La Rochelle..... | June 2-8..... | 1 | 1 | |
| Paris..... | Apr. 21-June 8..... | 10 | 3 | |
| Rouen..... | May 12-June 15..... | 6 | | Including varioloid. |

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

Reports Received from June 29 to July 26, 1918—Continued.

SMALLPOX—Continued.

| Place. | Date. | Cases. | Deaths. | Remarks. |
|-------------------------------|---------------------|--------|---------|---|
| India: | | | | |
| Bombay..... | Mar. 24-Apr. 6.... | 731 | 356 | |
| Calcutta..... | Apr. 14-20..... | | 32 | |
| Karachi..... | Apr. 6-20..... | 29 | 21 | |
| Madras..... | Mar. 24-Apr. 6.... | 36 | 8 | |
| Rangoon..... | Mar. 31-May 4.... | 60 | 28 | |
| Indo-China: | | | | |
| Anam..... | Jan. 1-Feb. 28.... | 566 | 93 | Jan. 1-Feb. 28, 1918: Cases, 1,375; deaths, 291. |
| Cambodia..... | do..... | 43 | 9 | |
| Cochin-China..... | do..... | 650 | 216 | |
| Saigon..... | Apr. 29-May 19.... | 134 | 45 | |
| Kwang-Chow-Wan..... | Feb. 1-28..... | 2 | 1 | |
| Laos..... | Jan. 1-Feb. 28.... | 8 | 1 | |
| Tonkin..... | do..... | 106 | 1 | |
| Italy: | | | | |
| Genoa..... | June 14-20..... | 3 | 2 | Many cases. Province of Palermo, Sicily. In April, 1918: Cases, 2. |
| Mezzojuso..... | May 29..... | | | |
| Milan..... | | | | |
| Palermo..... | May 30-June 5.... | 1 | | |
| Turin..... | Apr. 15-June 9.... | 16 | 1 | |
| Japan: | | | | |
| Nagasaki..... | May 20-June 23.... | 7 | | Island of Formosa. Feb. 14-Mar. 13, 1918: Cases, 15. |
| Taihoku..... | May 21-June 3.... | 12 | 4 | |
| Tokyo..... | May 5-June 23.... | 17 | | |
| Java: | | | | |
| East Java..... | | | | Feb. 12-Apr. 8, 1918: Cases, 18; deaths, 1. Feb. 14-May 15, 1918: Cases, 78; deaths, 1. Feb. 22-May 23, 1918: Cases, 237; deaths, 59. |
| Surabaya..... | Feb. 26-Apr. 8.... | 2 | 1 | |
| Mid-Java..... | | | | |
| West Java..... | | | | |
| Batavia..... | Feb. 22-May 23.... | 26 | 3 | |
| Mesopotamia: | | | | |
| Bagdad..... | Mar. 16-Apr. 26.... | 18 | 7 | |
| Mexico: | | | | |
| Aguascalientes..... | June 10-16..... | | 1 | |
| Meratlan..... | June 5-25..... | | 2 | |
| Mexico City..... | May 19-June 22.... | 35 | | |
| Philippine Islands: | | | | |
| Manila..... | Apr. 28-June 1.... | 539 | 345 | Varioloid, 147 cases. |
| Portugal: | | | | |
| Lisbon..... | Feb. 24-June 8.... | 39 | | |
| Russia: | | | | |
| Lithuania..... | Mar. 3-Apr. 13.... | 31 | 3 | |
| Siberia: | | | | |
| Vladivostok..... | May 1-31..... | 23 | 3 | |
| Spain: | | | | |
| Coruna..... | Apr. 28-May 4.... | | 1 | |
| Malaga..... | Dec. 1-31..... | | 29 | |
| Seville..... | Apr. 1-30..... | | 1 | |
| Union of South Africa: | | | | |
| Johannesburg..... | Feb. 1-Mar. 31.... | 29 | | |

TYPHUS FEVER.

| | | | | |
|---|---------------------|-----|----|---|
| Argentina: | | | | |
| Rosario..... | Apr. 1-30..... | | 1 | |
| Austria-Hungary: | | | | |
| Hungary..... | | | | Feb. 25-Apr. 14, 1918: Cases, 166; deaths, 4. |
| Budapest..... | Feb. 25-Apr. 14.... | 30 | 1 | |
| China: | | | | |
| Antung..... | May 20-June 2.... | 3 | | |
| Harbin..... | Jan. 1-Feb. 4.... | 14 | | |
| Manchuria Station..... | Jan. 15-21..... | 2 | | |
| Shanghai..... | May 5-11..... | | 1 | |
| Egypt: | | | | |
| Alexandria..... | May 7-13..... | 259 | 64 | |
| Germany: | | | | |
| Mar. 24-May 11, 1918: Cases, 60; deaths, 9. Of these, 10 cases, 2 deaths, Mar. 24-Apr. 6, among prisoners of war. | | | | |
| Great Britain: | | | | |
| Belfast..... | May 26-June 1.... | 1 | | |
| Glasgow..... | May 19-June 1.... | 13 | 4 | |

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

Reports Received from June 29 to July 26, 1918—Continued.

TYPHUS FEVER—Continued.

| Place. | Date. | Cases. | Deaths. | Remarks. |
|------------------------------|----------------------|--------|---------|---|
| Greece: | | | | |
| Saloniki..... | Apr. 28-May 25..... | | 16 | |
| Italy: | | | | |
| Corato..... | May 6-June 2..... | 4 | | Province of Bari. Do. |
| Molfetta..... | do..... | 21 | | |
| Naples..... | Apr. 29-May 5..... | 1 | | |
| Japan: | | | | |
| Nagasaki..... | May 27-June 2..... | 1 | | |
| Java: | | | | |
| East Java..... | | | | Feb. 12-Apr. 8, 1918: Cases, 25; |
| Surabaya..... | Feb. 12-Apr. 8..... | 22 | 6 | deaths, 7. |
| Mid-Java..... | | | | Feb. 14-May 15, 1918: Cases, 21; |
| Samarang..... | Feb. 21-Mar. 20..... | 5 | | deaths, 1. |
| West Java..... | | | | Feb. 28-May 23, 1918: Cases, 75; |
| Batavia..... | Feb. 28-May 23..... | 55 | 14 | deaths, 14. |
| Mesopotamia: | | | | |
| Bagdad..... | Mar. 29-Apr. 26..... | 17 | | |
| Mexico: | | | | |
| Chihuahua, State— | | | | |
| Parral..... | July 10..... | | | Epidemic; reported present from about June 15, 1918. |
| Mexico City..... | May 19-June 22..... | 119 | | |
| Portugal: | | | | |
| Lisbon..... | Feb. 24-May 25..... | 5 | | |
| Siberia: | | | | |
| Vladivostok..... | May 1-31..... | 12 | 1 | |
| Russia: | | | | |
| Lithuania..... | Mar. 3-Apr. 13..... | 1,585 | 67 | |
| Poland..... | Mar. 10-Apr. 27..... | 6,270 | 553 | |
| Lodz..... | do..... | 341 | 82 | |
| Warsaw..... | do..... | 2,562 | 273 | |
| Tunisia: | | | | |
| Tunis..... | May 18-June 14..... | 8 | 2 | |
| Union of South Africa: | | | | |
| Cape of Good Hope State..... | | | | Sept. 10, 1917-Apr. 7, 1918: Cases, 4,535 (European, 34); deaths, 835 (European, 15). |
| Natal..... | | | | Dec. 1, 1917-Apr. 7, 1918: Cases, 50; deaths, 11. |

YELLOW FEVER.

| | | | | |
|----------------|----------------------|----|----|--|
| Brazil: | | | | |
| Bahia..... | Apr. 27-June 13..... | 16 | 5 | |
| Ecuador: | | | | |
| Guayaquil..... | Apr. 1-June 15..... | 59 | 30 | |
| Naranjal..... | do..... | 2 | 1 | |