

# PUBLIC HEALTH REPORTS

VOL. 33

JANUARY 4, 1918

No. 1

## THE CONTROL OF VENEREAL DISEASES.

For the purpose of organizing a nation-wide control of the venereal diseases the following telegram, letter, and memorandum were sent on January 2, 1918, to the health officers of all the States:

### Telegram.

Control venereal infections in connection prosecution of the war constitutes most important sanitary problem now confronting public-health authorities of United States. Plan of control mailed you to-day. Request your cooperation forceful enforcement same. Venereal infections should be made reportable and quarantinable means of diagnosis and cure should be provided. Campaign wisely conducted publicity should be launched. Please inform me your action in premises.

BLUE,  
*Surgeon General, United States Public Health Service.*

### Letter.

SIR: My telegram of this date as follows is hereby confirmed:

Control venereal infections in connection prosecution of the war constitutes most important sanitary problem now confronting public health authorities of United States. Plan of control mailed you to-day. Request your cooperation, forceful enforcement same. Venereal infections should be made reportable and quarantinable; means of diagnosis and cure should be provided. Campaign wisely conducted publicity should be launched. Please inform me your action in premises.

It is evident that the prevention of venereal infections in the military population is largely dependent on the degree with which these infections are prevented in the civil community. This imposes upon the civil health authorities the duty of forcefully attacking the venereal problem upon the basis of the control of communicable disease.

There is forwarded you herewith an outline upon which it is proposed to make this attack. Manifestly, no plan which can be set forth at the present time can be complete in all its details nor can a plan be devised which in all its phases fits the requirements of each State exactly. Therefore, in the plan which I am sending you only the basic necessities have been stressed. Your cooperation in putting this plan in force is requested.

The Public Health Service in cooperation with the Red Cross and the Medical Department of the Army is establishing venereal clinics in cities in immediate contiguity to the Army cantonments. There is even greater need for the beginning of an active antiveneal campaign in those cities which are outside of the military zones but into which soldiers go in search of recreation. Most important of all, perhaps, is the thorough education of the general public to the end that this disease group will be considered in the same light as are the other communicable infections. This will permit the free and frank discussion of this important question without offense to modesty.

I shall be pleased to have your views and suggestions as to the prosecution of further work along these lines. Whatever is to be done must be initiated promptly if we are to prevent the next increment of the draft from having the high venereal rate of the last.

Respectfully,

RUPERT BLUE,  
*Surgeon General.*

#### Memorandum.

##### MEMORANDUM RELATIVE TO THE CONTROL OF THE VENEREAL DISEASES.

#### 1. Epidemiology.

- (a) Peculiar to the human species.
- (b) Chronic diseases.
- (c) Spread by contact—not necessarily sex contact—chronic carriers.
- (d) Very prevalent in all classes of society.
- (e) Most prevalent in classes of low inhibition.

#### 2. Control.

- (a) Depends upon the control of infected persons.
- (b) Control of infected persons depends upon knowledge of their whereabouts.

This may be determined by:

- (1) Morbidity reports by serial number (in the case of private practitioners), name to be disclosed when infectious persons cease treatment. Case then followed up by health department which enforces quarantine act.
- (2) Morbidity reports from venereal clinic and hospital.
- (3) Legal enactment necessary to secure morbidity reports.
- (4) Enact and enforce ordinance requiring pharmacists to keep record (open at all times to health department) of sales of drugs for the prevention and treatment of gonorrhea and syphilis.
- (c) Object of this control is to prevent contact between infected and non-infected persons.
- (d) May be obtained by:
  - (1) Quarantine of infected persons.
  - (2) Cure of infected persons.
  - (3) Education of general public to avoid direct and indirect contact with persons infected or presumably infected.

#### 3. Quarantine of infected persons.

- (a) Those who desire cure and can afford treatment.
  - (1) These are instructed by their physicians and theoretically are thus quarantined.

### 3. Quarantine of infected persons—Continued.

#### (b) Those who desire cure and can not afford treatment.

##### (1) Means should be provided for the free treatment of this group.

(a) Accurate diagnosis.

(b) Dispensary relief.

(c) Hospital relief.

#### (c) Those who are careless or willful in the distribution of these infections through promiscuity.

##### (1) These for the most part are the ignorant or the criminal classes.

Careful physical examination of all persons entering jails or other public institutions, those found infected to be isolated either in a special hospital or under a probation officer who enforces dispensary relief.

### 4. Cure of infected persons.

#### (a) Establishment of venereal clinics by health authorities.

##### (1) Federal, in zones in close contiguity to cantonments.

##### (2) State, in situations where local authorities refuse or fail to establish clinic.

##### (3) City, particularly those cities in which commercialized or clandestine prostitution flourishes for the patronage of soldiers but are beyond the authority of the Secretary of War.

##### (4) Country, in thickly settled rural communities.

#### (b) By the creation of new or the utilization of existing hospital facilities.

##### (1) For the treatment of those who volunteer for treatment.

##### (2) For the obligatory treatment of persons under control of the courts.

#### (c) By legal enactment.

##### (1) Declaring the venereal infections to be quarantinable.

##### (2) By substituting confinement to hospital for confinement to jail in the case of those convicted by courts and having venereal infections.

##### (3) By substituting remanding to a probation officer for the imposition of fines.

##### (4) To carry out 2 and 3 it is necessary that all persons arrested be examined by the city physician or other authorized person.

##### (5) By arrest of acknowledged and clandestine prostitutes by police-women.

### 5. Public education.

#### (a) Relieve problem of all moral and social issues and place campaign solely on basis of control of communicable disease.

#### (b) Propaganda of wisely conducted publicity.

##### (1) Through public meetings addressed by forceful speakers.

##### (2) Through public prints.

##### (3) By placarding public toilets, placards to emphasize danger of venereal diseases and to recommend prompt treatment either by competent physician or at the free venereal clinic.

##### (4) By follow-up work by social workers.

##### (5) By the education of infected persons.

###### (a) By physicians in private practice.

###### (b) By venereal clinic and hospital.

## EXTRA-CANTONMENT ZONE HEALTH REGULATIONS.

The following ordinances and regulations have been adopted in pursuance of the plan of cooperation by States and municipalities with the United States Public Health Service for the protection of military camps and the inhabitants of extra-cantonment zones:

### CAMP GREENE EXTRA-CANTONMENT ZONE.

**Communicable Diseases—Notification of Cases—Venereal Diseases.** (Ord. of Charlotte, N. C., Oct. 22, 1917.)

1. That all physicians, osteopaths, or any other persons allowed by law to practice the art of healing the sick in the city of Charlotte, shall, within 24 hours after being called or making a diagnosis, report in writing, upon forms supplied by the health department, giving the name, except as hereinafter provided, color, age, sex, and address of all cases of typhoid fever, paratyphoid fever, continued fever of doubtful cause of more than eight days' duration, diphtheria, membranous croup, scarlet fever, measles, mumps, chicken pox, smallpox, whooping cough, infantile paralysis, epidemic cerebrospinal meningitis, tuberculosis (giving part affected), ophthalmia neonatorum, yellow fever, typhus fever, cholera, plague, leprosy, food poisoning, septic sore throat, hookworm, filariasis, dysentery (amebic, bacillary), German measles, anthrax, dengue, rabies (in man or in animal), trachoma, trichinosis, gonococcus infection, syphilis, and chancroid.

2. That in cases of gonococcus infection, syphilis, and chancroid the physician making the diagnosis or treating such patient shall keep in his office or place of business a separate record, giving the name, color, age, sex, and address and the character of disease, and such cases shall be numbered or such record kept in the numerical order of their diagnosis or treatment, and shall, within 24 hours after being diagnosed, be reported to the health department, giving the number of such case in lieu of the name of the patient.

The record kept by any physician of any of the diseases herein mentioned shall not be open to inspection by the public, but shall at all times be open to inspection by the health officer or assistant health officer of the city.

3. If any person should be afflicted with any of the above-named diseases and is not under the care of a physician, then the head of the household where such diseased person is, or the guardian of such diseased person, shall immediately report such case to the health department.

4. The proprietor or manager of any hotel, lodging house, or boarding house who shall have knowledge of or reason to believe that there is a case of any of the above-named diseases within such hotel, lodging house, or boarding house shall immediately report such fact to the health department.

5. When a physician, attendant, parent, or guardian suspects that a person under his care has any of the above-named diseases he shall immediately report the case as such and the health officer shall thereupon take such measures as are necessary to protect the public, but before declaring a quarantine he shall consult the family physician, if there be one, in charge of such case.

6. The recovery or death of all cases of the above-mentioned diseases shall be reported on forms supplied by the health department for that purpose.

7. A separate report card shall be used for reporting each case of the above-mentioned diseases.

8. Any person concealing or attempting to conceal the existence of a case of any one of the above-named diseases or violating any of the provisions of this ordinance shall upon conviction be fined not less than five dollars (\$5.00) nor more than fifty dollars (\$50.00).

9. This ordinance being made for the preservation of public health shall be published once in the newspapers of the city of Charlotte and shall take effect October 22, 1917.

10. That all ordinances or parts of ordinances in conflict with this ordinance are hereby repealed.

#### **CAMP LEE EXTRA-CANTONMENT ZONE.**

**Foodstuffs, Sale of—Permit Required. Milk—Production and Sale. (Ord. of Richmond, Va., Nov. 15, 1917.)**

1. That section 17 of chapter 25, Richmond City Code, 1910, be and the same is hereby amended and reordained so as to read as follows:

17. No person shall, within or without the city of Richmond, keep or maintain a stable, or stables, or a dairy farm for the purpose of producing milk to be sold or exposed to sale within the limits of the city of Richmond; nor shall any person within the said limits keep or operate a hotel, boarding house, café, restaurant, lunch counter, ice cream parlor or manufactory, soda fountain, or place where soda water or soft drinks are sold or manufactured; or a room, stall, store, or other place where any soda water, soft drinks, or victuals are sold, nor shall any person within the limits of the police jurisdiction of the city of Richmond, outside of the public markets of the said city, keep a room, stall, store, or other place where any milk, meat, butter, fish, fruit, or vegetable intended for human food are sold or exposed to sale without first obtaining a permit to do so from the chief health officer of the city of Richmond. Application for said permit shall be made in writing, upon a form to be prescribed by said health officer, in which application it shall be stipulated that the inspector or other health officer of the city of Richmond may from time to time inspect such places and premises and the milk produced, or victuals, food and food supplies exposed to sale thereat, and also that such applicant will conform to the requirements of this chapter, and such reasonable rules and regulations as may be established by the administrative board for the government of such place or places. Every person to whom such permit is granted, before he shall be entitled to carry on business for which he desires such permit, shall pay to the auditor of the city of Richmond a fee of \$2 to cover the expenses incident to the inspection of milk, victuals, food and food supplies in the mode prescribed by this ordinance. Before granting such permit it shall be the duty of the said health officer to make, or cause to be made, an examination of the place and premises which are intended to be used in conducting any such business, or in the maintenance of said dairy farm or stable, and of such place, stall, or store where it is proposed to sell milk, meat, butter, fish, fruit, vegetables, or other food supplies, and thereafter, from time to time, inspect the same, and if found in an insanitary condition, such permit may be refused, or if granted, may at any time be revoked or suspended, without notice, by the chief health officer, if, in his judgment, such dairy, dairy farm or place is found to be in an insanitary condition.

2. This ordinance shall be in force from its passage.

#### **CAMP SHERIDAN EXTRA-CANTONMENT ZONE.**

**Human Excreta—Disposal of. (Ord. of Montgomery, Ala.)**

1. That on and after November 10, 1917, every residence and building in which human beings reside, are employed, or congregate, shall be required to have a sanitary method for the disposal of human excreta, namely: Sanitary water-closet or a sanitary privy.

2. That on and after January 15, 1918, it shall be unlawful for any person, firm, or corporation to own, maintain, or operate in Montgomery, a privy or dry closet, for the reception of human excreta, unless said closet is built, rebuilt, or constructed as hereinafter provided.

3. It shall be unlawful for any person, firm, or corporation in Montgomery to throw out, deposit, or bury within the city limits any excreta from human bodies, solid or liquid, or to dispose of such excreta in any manner other than into a properly sewerred water closet or a properly constructed sanitary privy.

4. All buildings or other places in said city where human beings live, are employed, or congregate, shall be provided with a properly sewerred water closet or a properly constructed sanitary privy for the catchment or receiving of human discharges, which will properly dispose of and safeguard such matter.

5. *Sanitary privy.*—The term "sanitary privy" as used in this ordinance shall be construed to mean a privy which is built, rebuilt, or constructed so as to contain a privy box, which box shall conform to the following specifications:

(A) The privy boxes shall be of either the single or the double type; the double type to be installed in any privy used by more than four persons.

(B) The privy boxes shall be constructed of durable lumber, and shall be fly-tight.

(C) The single-type privy box shall be 22 inches long, 17 inches high, and 18 inches wide, all inside measurements; and shall be provided with one seat hole, about 9 inches long, the front of which shall be about 4 inches from the front of the box.

(D) The double-type privy box shall be 40 inches long, have two seat holes, and otherwise similar to the single-type box.

(E) All privy boxes shall have eight 1-inch holes in the front of the box, two inches from the floor, and shall have an opening at the upper part of the back wall 4 inches square, all of these openings to be covered with galvanized iron screen wire, at least fourteen mesh to the inch.

(F) Under each seat-hole shall be placed a galvanized-iron receptacle, with straight sides, 14-15 inches high, and 15 inches in diameter, made of 24-gauge galvanized iron. These receptacles shall be so placed as to catch all human excreta deposited in the box, being held in place by strip of wood tacked to the floor.

(G) The top of the privy box shall be hinged with metal hinges, so as to allow for the removal of the receptacles, and so as to fit flat on the top of the box at all other times.

(H) Each seat hole shall be provided with a cover or lid hinged with two hinges so as to fall into place when not being used, and which shall at all other times be kept so as to prevent the access of flies to the human excreta.

(I) A flue not less than 5 inches square shall extend from the opening in the back of the privy box to 24 inches above the lowest point of the roof of the privy. The top of this flue shall be covered so as to prevent rain from entering the privy box, but allowing the free egress of air for ventilating purposes.

6. The contents of all privy receptacles shall be removed by the city scavenger. Such removal and cleaning shall be done under the supervision of the city health officer and for such services the following charges shall be made: For cleaning each privy at private homes, one dollar and fifty cents (\$1.50) per quarter in advance from each family using such privy, provided that for all privies containing more than one receptacle, a charge of twenty-five cents (\$0.25) shall be made for each additional receptacle, payable quarterly in advance. The fees or charges set out in this section shall be paid at the beginning of each quarter by the occupant of said premises, or by each family using such privy, to the city clerk.

7. All sanitary privies in said city shall be kept in a cleanly condition at all times and so used that all excreta deposited therein will fall into the receptacle provided. Such receptacles shall be used only for the purpose of a toilet and no wash water, garbage, nor any refuse matter other than human excreta shall be deposited therein.

8. No privy receptacle shall be permitted to become filled to overflowing. If scavenging of privy receptacle becomes necessary oftener than hereinbefore provided

it shall be the duty of the occupant of the property to notify the sanitary department, and such privy shall be scavenged and an additional charge of ten cents shall be made for each receptacle.

9. All privies existing or maintained in said city after the date on which this ordinance takes effect which do not conform to the requirements of this ordinance or to the regulations of the city health officer issued under this ordinance shall be and are hereby declared a nuisance, dangerous to the public health, and the city of Montgomery shall proceed to abate such nuisance in accordance with law and in accordance with the ordinance of said city.

10. The city shall have the further right to make or cause to be made such alterations or constructions to such privies as are nuisances as will render them sanitary, and the entire cost of such work shall be charged against the person creating or maintaining the nuisance. All such alterations or constructions are to be prescribed and approved by the city health officer.

11. The health officer of the city of Montgomery, or a duly appointed inspector, shall personally inspect all privies in Montgomery as such inspection shall be deemed necessary by such health officer or inspector. The city health officer, or a duly appointed inspector, is hereby empowered to enter all premises in the discharge of this duty.

12. It shall be unlawful for any person, firm, or corporation to fail or refuse to comply with the provisions of this ordinance.

13. That any person or persons, firm or corporation, or the agent of any person or persons, firm or corporation who neglects, fails, or refuses to comply with any of the provisions of this ordinance shall be deemed guilty of a misdemeanor, and when convicted shall be fined in the sum of not less than five dollars (\$5.00) or more than one hundred dollars (\$100.00), and each time such person or persons, firm or corporation, or the agent of any person or persons, firm or corporation neglects or refuses to comply with any of the provisions of this ordinance shall be deemed a separate offence and punished as herein provided.

14. Any ordinances or parts of ordinances in conflict herewith are hereby repealed.

15. For the preservation of the public peace, health, and safety, an emergency is hereby declared to exist, for the reason that the existing of insanitary privies in the incorporate limits of the city of Montgomery are dangerous for the public health of the inhabitants thereof, and for that reason this ordinance shall be in full force and effect from and after its passage, approval, and posting, as required by law.

#### NEW YORK STATE.

The following amendments to the Sanitary Code of the State of New York were adopted by the State Public Health Council at a meeting held in New York City October 30, 1917:

#### Health Zones Around Camps—Establishment. Permits Required for Sale of Foodstuffs.

Chapter VII of the Sanitary Code of the State of New York is hereby amended by adding thereto four new regulations, to be known as regulations 10, 11, 12, and 13, to read as follows:

**REGULATION 10.** *Declaration of cantonment zones.*—The State commissioner of health may from time to time declare such territory as he deems necessary in the neighborhood of a military or naval camp or cantonment a health zone, and he may from time to time change the limits of or abolish such zone.

**REGULATION 11.** *Permits required to sell food and beverages in all health zones.*—Whenever the State commissioner of health has declared any territory to be a health

zone, as provided for in regulation 10 of this chapter, thereafter and so long as such declaration remains in effect no person shall establish or maintain any place for the sale of food or drink intended for human consumption unless such person shall first have secured from the health officer in whose jurisdiction the place is situated a written permit so to do. Such permit shall not be issued unless after an inspection the health officer has satisfied himself that the place is maintained under sanitary conditions. Such permit, unless revoked, shall be granted for one year from the date of its issuance, and shall be conspicuously displayed in the place for which it was issued. Such permits are not transferable.

**REGULATION 12. *Monthly inspection by health officers.***—All places for which such permits are issued shall be inspected at least once in each month by the health officer.

**REGULATION 13. *Revocation of permit.***—Any permit so issued may be revoked for cause either by the local health officer or the State commissioner of health, after giving the person holding the permit an opportunity for a hearing.

### **CAMP PIKE EXTRA-CANTONMENT ZONE.**

Regulations governing sanitary conditions in barber shops in the civil zone around Camp Pike, near Little Rock, Ark., are enforced by the United States Public Health Service. Soldiers are not permitted by the Army authorities to patronize barber shops in which the certificate of the United States Public Health Service is not displayed. The regulations are as follows:

1. No person will be allowed to perform the work of a barber for men in uniform unless he has a certificate from the United States Public Health Service that he is free from communicable disease or venereal disease in a communicable stage.
2. All barber shops, together with all furniture, shall be kept in a clean and sanitary condition.
3. Mugs, shaving brushes, razors, scissors, clipping machines, pincers, needles, and other metal instruments shall be cleaned and sterilized either by steam, boiling water, or in alcohol of at least 60 per cent strength after each separate use.
4. Combs and brushes should be thoroughly sterilized after each separate use.
5. A separate clean towel shall be used for each person.
6. Alum or other material used to stop the flow of blood shall be applied only on a towel or other clean cloth.
7. The use of powder puffs and sponges is prohibited.
8. Every barber shop shall be kept well ventilated and provided with hot and cold water.
9. Headrests of chairs shall be covered with a towel that has been washed since having been used before, or by a clean, new paper.
10. Every barber shall cleanse his hands immediately and thoroughly before serving each customer.
11. No person shall use a barber shop as a dormitory, nor shall any part of the shop be so used.
12. No barber shall undertake to treat any disease of the skin or any lesions of the skin whatsoever, such as pimples, boils, warts, moles, and the like.

This notice must be displayed in all shops. All patrons are requested to notify the United States Public Health Service, Little Rock, Ark., of any infraction of these rules.



# PREVALENCE OF DISEASE.

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

## UNITED STATES.

### EXTRA CANTONMENT ZONES—CASES REPORTED WEEK ENDED JAN. 1.

*Camp Beauregard, La.*—City of Alexandria, meningitis 3, measles 97, German measles 6, mumps 5, pneumonia 2; for the city of Pineville, smallpox 6, measles 23, mumps 1; city of Boyce, measles 6; village of Ball, pneumonia 1; village of Wilda, measles 1; rural district at edge of Camp Beauregard, typhoid fever 1; village of Dry Prong, epidemic meningitis 4.

*Camp Bowie, Tex.*—Fort Worth, measles 8, diphtheria 1, German measles 4, influenza 1, mumps 1, broncho-pneumonia 2, smallpox 1.

*Camp Dodge, Iowa.*—Des Moines, smallpox 11, scarlet fever 4, malaria 1; Valley Junction, smallpox 1, scarlet fever 1; south Fort Des Moines, scarlet fever 2; Grimes, scarlet fever 1.

*Camp Funston, Kans.*—Measles 1, Ogden; measles 38, scarlet fever 2, mumps 1, smallpox 1, Manhattan; measles 18, chicken pox 3, Junction City; measles 1, Riley; measles 1, Randolph.

*Camp Gordon, Ga.*—Atlanta, diphtheria 1, gonococcus infection 12, measles 8, pulmonary tuberculosis 1, syphilis 3, cerebrospinal meningitis 2, scarlet fever 7, German measles 2, mumps 3; College Park, infantile paralysis 1.

*Camp Greene, N. C.*—Measles 36, chickenpox 2, tuberculosis 2, smallpox 1, whooping cough 3, mumps 1, chancroids 3; all in Charlotte Township.

*Camp Hancock, Ga.*—Measles, Augusta 8, Blythe 4; German measles, Augusta 3; typhoid fever, Augusta 1.

*Fort Leavenworth, Kans.*—German measles, city 3, county 1; lobar pneumonia, city 4, county 1; diphtheria, city 6; chicken pox, city 4; measles, city 1.

*Camp Lee, Va.*—German measles, Petersburg 10; chicken pox, Petersburg 5; diphtheria, Petersburg 1; pneumonia, Petersburg 3; tuberculosis, Petersburg 1; scarlet fever, Petersburg 1; mumps, Hopewell 2; measles, Petersburg 1.

*Camp Lewis, Wash.*—German measles, Dupont 4.

*Camp Logan, Tex.*—Diphtheria 1, chickenpox 1, German measles 24, measles 27; mumps 4, tuberculosis 8, trachoma 1, scarlet fever 1; all Houston.

*Camp McClellan, Ala.*—Anniston, smallpox 8, mumps 6, measles 4, chicken pox 18, pneumonia 3, German measles 1, tuberculosis 1; Precinct Thirteen, smallpox 3; Precinct Four, smallpox none; Oxford, chicken pox 1; Precinct Three, smallpox 1, pneumonia 1.

*Fort Oglethorpe, Ga.*—Chattanooga, German measles 9, mumps 2, scarlet fever 3, meningitis 2, diphtheria 1, pneumonia 3, typhoid fever 1; St. Elmo, tuberculosis 1, scarlet fever 1, diphtheria 1; Ridgedale, pneumonia 1, Eastlake, pneumonia 1; North Chattanooga, German measles 1; Rossville, Ga., mumps 2; Flintstone, Ga., meningitis 1; Lytle, Ga., smallpox 1.

*Camp Pike, Ark.*—Little Rock, measles 34, chicken pox 1, smallpox 15, tuberculosis 3, pneumonia 5, German measles 9, diphtheria 2, mumps 1, malaria 3, syphilis 2, gonorrhea 9, erysipelas 1, chancroid 1; North Little Rock, measles 3, smallpox 2, pneumonia 1, German measles 6, malaria 1, syphilis 1, gonorrhea 3; Scotts, measles 2, malaria 2, German measles 1; Kerr, dysentery 1, smallpox 1; Wrightsville, pneumonia 1; Sweethome, malaria 1.

*Camp Sevier, S. C.*—Two measles, 1 diphtheria, Chick Springs, rural.

*Camp Shelby, Miss.*—Hattiesburg, chicken pox 1, diphtheria 1, malaria 3, measles 3, German measles 5, pneumonia 2; Gulfport, diphtheria 1, typhoid fever 1; Biloxi, diphtheria 1; Petal, measles 8; Clyde, smallpox 2; Perry County, meningitis 1.

*Camp Sheridan, Ala.*—City of Montgomery, measles 17, German measles 15, mumps 2, smallpox 2, lobar pneumonia 1; Capitol Heights, measles 3, chicken pox 1, lobar pneumonia 1; Cloverdale, German measles 2.

*Camp Sherman, Ohio.*—Cerebrospinal meningitis, Frankfort, 1; diphtheria, Chillicothe, 1; measles, Chillicothe, 5; pneumonia, lobar, Liberty Township, 1; scarlet fever, Chillicothe, 1.

*Tidewater Health District, Va.*—Newport News, measles 7, typhoid fever 2, whooping cough 2, cerebrospinal meningitis 1, mumps 1; Hampton, scarlet fever 2, whooping cough 3, chicken pox 1.

*Camp Zachary Taylor, Ky.*—Jefferson County, tuberculosis lungs 2, tubercular meningitis 1; Louisville, chicken pox 2, diphtheria 5, measles 9, scarlet fever 3, cerebrospinal meningitis 1, tuberculosis pulmonary 10.

*Camp Wadsworth, S. C.*—German measles, Spartanburg city 13, county 1; measles, city 3, Pauline 2; chicken pox, city 2; whooping cough, city 3; scarlet fever, city 1; pneumonia, Pauline 1, Moore 1; diphtheria, Glenn Springs 1; ptomain poisoning, Pauline 1.

*Camp Wheeler, Ga.*—Macon, measles 38, scarlet fever 1, mumps 2, typhoid fever 2, diphtheria 2, chicken pox 2, smallpox 2, meningitis 1, tuberculosis 1.

#### CAMP MACARTHUR, TEX.—EXTRA-CANTONMENT ZONE.

During the period from November 1 to December 20, 1917, 22 cases of German measles were notified in Waco and McLennan County, Tex., with the estimated number of 200 cases in the city of Waco during the period named.

#### CURRENT STATE SUMMARIES.

##### Alabama.

From Collaborating Epidemiologist Perry, telegram dated December 31, 1917:

One poliomyelitis at Lisman.

##### California.

From the State Board of Health of California, telegram dated January 2, 1918:

Four cases epidemic cerebrospinal meningitis last week, 2 Los Angeles County, 2 San Diego County; 1 case poliomyelitis Los Angeles County; 6 cases smallpox, Alameda County 1, Los Angeles City 1, Nevada city 2, Redlands 1, San Francisco 1; diphtheria, slightly more prevalent than preceding week, especially prevalent in large cities.

**Reported by mail for the preceding week (ending Dec. 22):**

<b>Cerebrospinal meningitis</b> .....	3	<b>Mumps</b> .....	38
<b>Chicken pox</b> .....	92	<b>Pneumonia</b> .....	96
<b>Diphtheria</b> .....	66	<b>Scarlet fever</b> .....	73
<b>Dysentery</b> .....	1	<b>Smallpox</b> .....	3
<b>Erysipelas</b> .....	6	<b>Syphilis</b> .....	21
<b>German measles</b> .....	63	<b>Tetanus</b> .....	1
<b>Gonococcus infection</b> .....	34	<b>Trachoma</b> .....	2
<b>Hookworm</b> .....	10	<b>Tuberculosis</b> .....	142
<b>Malaria</b> .....	2	<b>Typhoid fever</b> .....	21
<b>Measles</b> .....	265	<b>Whooping cough</b> .....	41

**Connecticut.**

From Collaborating Epidemiologist Black, telegram dated January 2, 1918:

Undue prevalence diphtheria New London.

**Indiana.**

From the State Board of Health of Indiana, telegram dated December 31, 1917:

Scarlet fever: Benham, Ripley County, Denver, Miami County; schools closed Pike Township, Huntington County. Diphtheria: Two deaths Gary. Four cases measles Huntington. Whooping cough epidemic Cornell school, Elkhart County. Epidemic smallpox: Columbus, New Haven, Allen County, 10 cases pesthouse Bloomington. Epidemic mumps Wabash Township, Parke County. One case poliomyelitis Vevay. Two cases epidemic meningitis Huntington.

**Kansas.**

From Collaborating Epidemiologist Crumbine, telegram dated December 31, 1917:

Epidemic meningitis: Ellsworth, 1; Aurora, 1; Wichita, 1.

**Louisiana.**

From Collaborating Epidemiologist Dowling, telegram dated December 31, 1917:

Four cases, 3 deaths, cerebrospinal meningitis Dry Prong, Grant; Caddo, 1 case.

**Massachusetts.**

From Collaborating Epidemiologist Kelley, telegram dated December 31, 1917:

Unusual prevalence diphtheria: Amesbury, 4 additional. Measles: Braintree, total December, 54; Blandford, 17 additional; Everett, 20; Medfield, total December, 19; Camp Devens, 44 additional. Typhoid fever: North Brookfield, 3 additional. Smallpox: Beverly, 1 additional, Lowell, 1; Worcester, 1.

**Minnesota.**

From Collaborating Epidemiologist Bracken, telegram dated December 31, 1917:

Smallpox: Anoka County, Columbus Township, 1; Carlton County, Moose Lake village, 1; Carver County, Benton township, 1; Norwood village, 2; Waconia village, 3;

Hennepin County, Brooklyn village, 2; Houston County, Brownsville township, 1; Marshall County, Alverado village, 1; Pine County, Banning village, 1; Pine Lake township, 1; Winona County, Pleasant Hill township, 2. One case of poliomyelitis and 3 cases of cerebrospinal meningitis reported since December 17.

#### Nebraska.

From the State Department of Health of Nebraska, telegram dated December 31, 1917:

Smallpox at Axtel, Lexington, North Platte, Atkinson, Rushville, and Eustis. Measles at Union and Peru. Scarlet fever at McCook, Fremont, Culbertson, Cairo, and Venango. Chicken pox at Peru. Whooping cough at Lincoln. Typhoid fever at Upland.

#### South Carolina.

From Collaborating Epidemiologist Hayne, telegram dated December 31, 1917:

Two cases meningitis reported from Greer and Darlington, S. C. Measles and diphtheria prevalent in all parts of the State.

#### Vermont.

From Collaborating Epidemiologist Dalton, telegram dated December 31, 1917:

Five cases smallpox at Barton, Orleans County. No other outbreak or unusual prevalence.

#### Virginia.

From Collaborating Epidemiologist Traynham, telegram dated December 31, 1917:

Smallpox reported from near Mannboro, Amelia County, and Coeburn, Wise County.

#### Washington.

From Collaborating Epidemiologist Tuttle, telegram dated January 2, 1918:

Six cases scarlet fever Toledo, Lewis County. No outbreaks Seattle.

### CEREBROSPINAL MENINGITIS.

#### State Reports for November, 1917.

Place.	New cases reported.	Place.	New cases reported.
<b>Connecticut:</b>		<b>Iowa:</b>	
Fairfield County—		Johnson County.....	1
Bridgeport.....	2	Polk County.....	3
Shelton.....	1	Total.....	4
Hartford County—			
Hartford.....	1	<b>Kansas:</b>	
New Haven County—		Bourbon County—	
New Haven.....	1	Uniontown (R. D.).....	1
New London County—		Butler County—	
Groton (town).....	1	Douglas.....	1
Total.....	6	Dickinson County—	
		Abilene.....	1

**CEREBROSPINAL MENINGITIS—Continued.****State Reports for November, 1917—Continued.**

Place.	New cases reported.	Place.	New cases reported.
<b>Kansas—Continued.</b>		<b>Mississippi:</b>	
Leavenworth County—		Attala County.....	2
Leavenworth.....	1	Carroll County.....	1
Marion County—		Hinds County.....	3
Roxbury (R. D.).....	1	Sunflower County.....	1
Osborne County—		Total.....	7
Osborne (R. D.).....	1	<b>New Jersey:</b>	
Riley County—		Essex County.....	5
Manhattan.....	5	Union County.....	1
Rooks County—		Total.....	6
Stockton (R. D.).....	1		
Scott County—			
Scott City.....	1		
Sedgewick County—			
Wichita.....	1		
Wyandotte County—			
Kansas City.....	1		
Total.....	15		

**City Reports for Week Ended Dec. 15, 1917.**

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Atlanta, Ga.....	1	2	Lowell, Mass.....	1	.....
Baltimore, Md.....	3	1	Milwaukee, Wis.....	2	1
Boston, Mass.....	1	1	Minneapolis, Minn.....	1	.....
Chicago, Ill.....	9	1	Nashua, N. H.....	.....	1
Cleveland, Ohio.....	1	.....	New York, N. Y.....	3	3
Columbus, Ohio.....	1	.....	Omaha, Nebr.....	1	.....
Dayton, Ohio.....	3	1	Philadelphia, Pa.....	2	1
Detroit, Mich.....	3	.....	Pittsburgh, Pa.....	1	1
Dubuque, Iowa.....	.....	1	St. Louis, Mo.....	3	2
Elizabeth, N. J.....	1	.....	San Francisco, Cal.....	2	.....
Evansville, Ind.....	.....	1	Washington, D. C.....	.....	1
Hartford, Conn.....	1	1	Worcester, Mass.....	.....	1
Los Angeles, Cal.....	1	.....			

**DIPHTHERIA.**

See Diphtheria, measles, scarlet fever, and tuberculosis, page 22.

**ERYSIPELAS.****City Reports for Week Ended Dec. 15, 1917.**

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Ann Arbor, Mich.....	1	.....	New York, N. Y.....	.....	4
Baltimore, Md.....	.....	2	Norfolk, Va.....	1	1
Boston, Mass.....	1	1	Philadelphia, Pa.....	7	1
Bridgeport, Conn.....	2	.....	Pittsburgh, Pa.....	9	.....
Brockton, Mass.....	1	.....	Pontiac, Mich.....	6	1
Buffalo, N. Y.....	4	1	Portland, Oreg.....	2	.....
Chicago, Ill.....	19	.....	Reading, Pa.....	2	.....
Cincinnati, Ohio.....	1	2	Roanoke, Va.....	1	1
Cleveland, Ohio.....	6	.....	Rochester, N. Y.....	1	.....
Columbus, Ohio.....	.....	1	Rutland, Vt.....	1	.....
Detroit, Mich.....	3	.....	St. Joseph, Mo.....	1	.....
Erie, Pa.....	1	.....	St. Louis, Mo.....	4	2
Grand Rapids, Mich.....	1	.....	St. Paul, Minn.....	2	.....
Hartford, Conn.....	1	.....	Salt Lake City, Utah.....	.....	1
Jersey City, N. J.....	1	.....	Schenectady, N. Y.....	2	.....
Malden, Mass.....	.....	1	San Francisco, Cal.....	2	1
Milwaukee, Wis.....	1	.....	Seattle, Wash.....	1	.....
Newark, N. J.....	1	2	Toledo, Ohio.....	.....	1
New Bedford, Mass.....	.....	1	Wheeling, W. Va.....	1	.....
New Castle, Pa.....	1	.....			

**MALARIA.****State Reports for November, 1917.**

Place.	New cases reported.	Place.	New cases reported.
<b>Kansas:</b>		<b>Mississippi—Continued.</b>	
Greenwood County—		Madison County.....	35
Severy.....	1	Marion County.....	171
<b>Mississippi:</b>		Marshall County.....	43
Adams County.....	60	Monroe County.....	70
Alcorn County.....	36	Montgomery County.....	22
Amite County.....	75	Neshoba County.....	60
Attala County.....	66	Newton County.....	31
Benton County.....	13	Noxubee County.....	24
Bolivar County.....	64	Oktibbeha County.....	106
Calhoun County.....	39	Panola County.....	175
Carroll County.....	88	Pearl River County.....	34
Choctaw County.....	86	Perry County.....	213
Claiborne County.....	99	Pike County.....	95
Clarke County.....	29	Pontotoc County.....	76
Clay County.....	48	Prentiss County.....	25
Coahoma County.....	501	Quitman County.....	137
Copiah County.....	114	Rankin County.....	85
Covington County.....	132	Scott County.....	23
De Soto County.....	54	Sharkey County.....	23
Franklin County.....	175	Simpson County.....	92
George County.....	24	Smith County.....	21
Greene County.....	20	Stone County.....	29
Grenada County.....	60	Sunflower County.....	239
Hancock County.....	132	Tallahatchie County.....	131
Harrison County.....	111	Tate County.....	147
Hinds County.....	292	Tippah County.....	40
Holmes County.....	304	Tishomingo County.....	50
Issaquena County.....	50	Tunica County.....	218
Itawamba County.....	71	Union County.....	76
Jackson County.....	96	Warren County.....	198
Jasper County.....	60	Washington County.....	324
Jefferson County.....	97	Wayne County.....	73
Jefferson Davis County.....	22	Webster County.....	30
Jones County.....	158	Wilkinson County.....	8
Kemper County.....	29	Winston County.....	149
Lafayette County.....	45	Yalobusha County.....	71
Lamar County.....	96	Yazoo County.....	440
Lauderdale County.....	44	Total.....	8,382
Lawrence County.....	86		
Leake County.....	78	<b>New Jersey:</b>	
Lee County.....	112	Essex County.....	4
Leflore County.....	243	Hudson County.....	1
Lincoln County.....	63	Total.....	5
Lowndes County.....	26		

**City Reports for Week Ended December 15, 1917.**

During the week ended December 15, 1917, 1 death from malaria was reported in Memphis, Tenn., and 1 case was reported in Richmond, Va.

**MEASLES.**

See Diphtheria, measles, scarlet fever, and tuberculosis, page 22.

**PELLAGRA.****State Reports for November, 1917.**

Place.	New cases reported.	Place.	New cases reported.
<b>Kansas:</b>		<b>Mississippi:</b>	
Cherokee County—		Adams County.....	3
Galena.....	2	Alcorn County.....	5
Cowley County—		Amite County.....	2
Winfield.....	3	Benton County.....	1
Shawnee County—		Bolivar County.....	33
Topeka.....	1	Calhoun County.....	1
Total.....	6	Carroll County.....	5
		Choctaw County.....	1
		Claiborne County.....	1

**PELLAGRA—Continued.****State Reports for November, 1917—Continued.**

Place.	New cases reported.	Place.	New cases reported.
<b>Mississippi—Continued.</b>		<b>Mississippi—Continued.</b>	
Clarke County.....	1	Montgomery County.....	2
Clay County.....	4	Neshoba County.....	7
Coahoma County.....	25	Newton County.....	4
Copiah County.....	8	Oktibbeha County.....	6
Covington County.....	2	Panola County.....	6
De Soto County.....	3	Pearl River County.....	1
Franklin County.....	1	Perry County.....	2
George County.....	2	Pike County.....	10
Hancock County.....	1	Pontotoc County.....	4
Harrison County.....	7	Prentiss County.....	4
Hinds County.....	16	Quitman County.....	4
Holmes County.....	4	Rankin County.....	4
Itawamba County.....	5	Scott County.....	1
Jackson County.....	3	Sharkey County.....	2
Jasper County.....	1	Simpson County.....	5
Jefferson County.....	2	Sunflower County.....	13
Jefferson Davis County.....	2	Tallahatchie County.....	2
Jones County.....	14	Tate County.....	4
Kemper County.....	4	Tippah County.....	3
Lafayette County.....	1	Tishomingo County.....	5
Lamar County.....	2	Tunica County.....	7
Lauderdale County.....	1	Union County.....	2
Lawrence County.....	3	Warren County.....	6
Leake County.....	9	Washington County.....	10
Lee County.....	7	Wayne County.....	2
Leflore County.....	7	Webster County.....	1
Lincoln County.....	9	Wilkinson County.....	2
Lowndes County.....	9	Winston County.....	1
Madison County.....	3	Yalobusha County.....	2
Marion County.....	8	Yazoo County.....	15
Marshall County.....	4		
Monroe County.....	5	Total.....	363

**City Reports for Week Ended Dec. 15, 1917.**

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Atlanta, Ga.....		1	Memphis, Tenn.....	2	1
Birmingham, Ala.....	4		New Orleans, La.....		1
Charleston, S. C.....		2	Richmond, Va.....		1
Fort Worth, Tex.....		1	Savannah, Ga.....		1
Malden, Mass.....	1	1	Washington, D. C.....	1	

**PNEUMONIA.****City Reports for Week Ended Dec. 15, 1917.**

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Allentown, Pa.....	2		Lancaster, Pa.....	1	
Baltimore, Md.....	6	17	Lincoln, Nebr.....	3	1
Berkeley, Cal.....	1		Lorain, Ohio.....	1	
Binghamton, N. Y.....	4		Los Angeles, Cal.....	15	11
Boston, Mass.....	30	11	Lynn, Mass.....	7	7
Brookton, Mass.....	2	1	McKeesport, Pa.....	1	
Buffalo, N. Y.....	2	6	Newark, N. J.....	58	12
Cambridge, Mass.....	4	6	New Bedford, Mass.....	3	1
Canton, Ohio.....	2		Philadelphia, Pa.....	108	63
Chelsea, Mass.....	4	1	Pittsburgh, Pa.....	37	38
Chicago, Ill.....	150	67	Pittsfield, Mass.....	5	2
Cincinnati, Ohio.....	1	4	Pontiac, Mich.....	2	
Cleveland, Ohio.....	30	24	Quincy, Mass.....	1	
Clinton, Mass.....	1		Reading, Pa.....	2	4
Dayton, Ohio.....	5	5	Rochester, N. Y.....	16	3
Detroit, Mich.....	9	32	Rutland, Vt.....	1	1
Everett, Mass.....	2	1	Sacramento, Cal.....	3	1
Fall River, Mass.....	1	2	Sandusky, Ohio.....	1	
Flint, Mich.....	1		San Francisco, Cal.....	12	5
Grand Rapids, Mich.....	1	1	Schenectady, N. Y.....	3	2
Harrisburg, Pa.....	1	4	Somerville, Mass.....	3	1
Haverhill, Mass.....	2	1	Springfield, Mass.....	5	4
Jackson, Mich.....	2		Stockton, Cal.....	8	4
Kalamazoo, Mich.....	3		Worcester, Mass.....	1	5
Kansas City, Mo.....	9	17			

**POLIOMYELITIS (INFANTILE PARALYSIS).****State Reports for November, 1917.**

Place.	New cases reported.	Place.	New cases reported.
<b>Colorado:</b>		<b>Maine:</b>	
Boulder County.....	1	Androscoggin County—	
Pueblo County—		Poland (town).....	1
Pueblo.....	2	Piscataquis County—	
Total.....	3	Foxcroft (town).....	1
		Total.....	2
<b>Connecticut:</b>		<b>Mississippi:</b>	
Litchfield County—		Choctaw County.....	2
Plymouth.....	1	Harrison County.....	1
		Lowndes County.....	1
<b>Iowa:</b>		Pike County.....	1
Dickinson County.....	1	Rankin County.....	1
Ida County.....	1	Union County.....	1
Total.....	2	Total.....	7
<b>Kansas:</b>		<b>Montana:</b>	
Coffey County—		Hill County.....	1
Burlington (R. D.).....	1		
Geary County—		<b>New Jersey:</b>	
Junction City.....	1	Essex County.....	2
Jewell County—		Mercer County.....	1
Burr Oak (R. D.).....	1	Total.....	3
Johnson County—			
Ocheltree (R. D.).....	1	<b>North Dakota:</b>	
Osborne County—		Williams County.....	1
Osborne (R. D.).....	1		
Saline County—		<b>South Dakota:</b>	
Gypsum (R. D.).....	1	Miner County.....	1
Washington County—		Minnehaha County.....	1
Barnes (R. D.).....	1	Perkins County.....	1
Wilson County—		Turner County.....	1
Fredonia.....	1	Total.....	4
Total.....	8		

**City Reports for Week Ended Dec. 15, 1917.**

During the week ended Dec. 15, 1917, 3 cases of poliomyelitis were reported in Chicago, Ill.; 1 case was reported in Kansas City, Mo.; 1 death was reported in Newark, N. J.; 1 death in New York, N. Y.; 1 case in Portland, Oreg.; and 1 case in Seattle, Wash.

**SCARLET FEVER.**

See Diphtheria, measles, scarlet fever, and tuberculosis, page 22.



## SMALLPOX.

## Kansas Report for November, 1917.

Place.	New cases reported.	Deaths.	Vaccination history of cases.			
			Number vaccinated within 7 years preceding attack.	Number last vaccinated more than 7 years preceding attack.	Number never successfully vaccinated.	Vaccination history not obtained or uncertain.
<b>Kansas:</b>						
Allen County.....	5				5	
Barton County—						
Great Bend (7 R. D.).....	10				10	
Bourbon County.....	1				1	
Brown County.....	1				1	
Chase County.....	1				1	
Chautauqua County.....	1				1	
Cherokee County.....	13				13	
Clay County.....	2				2	
Cloud County.....	11				11	
Coffey County—						
Harris (R. D.).....	19				19	
Comanche County.....	1				1	
Crawford County.....	1				1	
Douglas County—						
Lawrence.....	1				1	
Overbrook (R. D.).....	13				13	
Pomona (R. D.).....	1				1	
Franklin County.....	9				9	
Jackson County.....	1				1	
Jefferson County—						
Perry (13 R. D.).....	14				14	
Williamstown (R. D.).....	6				6	
Jewell County.....	15				15	
Johnson County—						
DeSoto (R. D.).....	1				1	
Lenexa.....	1				1	
Merriam.....	12				12	
Olathe.....	1			1		
Ocheltree.....	3				3	
Stanley.....	2				2	
Kiowa County.....	1				1	
Labette County.....	3				3	
Leavenworth County.....	12			2	10	
Linn County.....	12				12	
Lyon County.....	2				2	
Montgomery County.....	1				1	
Nemaha County.....	1				1	
Osage County—						
Barclay.....	5				5	
Burlingame (11 R. D.).....	17				17	
Lyndon (R. D.).....	2				2	
Overbrook (5 R. D.).....	16				16	
Quenemo (2 R. D.).....	7			1	6	
Osborne County.....	2				2	
Reno County.....	6				6	
Republic County.....	1				1	
Rice County.....	1				1	
Rush County.....	1				1	
Sedgwick County.....	2				2	
Shawnee County.....	7				7	
Sumner County.....	1				1	
Wabaussee County.....	2				2	
Washington County.....	1				1	
Woodson County.....	1				1	
Wyandotte County—						
Kansas City (1 R. D.).....	134				134	
<b>Total.....</b>	<b>384</b>			<b>4</b>	<b>380</b>	

## SMALLPOX—Continued.

## Miscellaneous State Reports.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
<b>Colorado (Nov. 1-30):</b>			<b>Maine—Continued.</b>		
Alamosa County.....	2	.....	Hancock County—		
Arapahoe County.....	1	.....	Eden (town).....	1	.....
Boulder County.....	1	.....	Kenebec County—		
Chaffee County.....	1	.....	Gardiner.....	121	.....
Delta County.....	1	.....	Augusta.....	2	.....
Denver County—			Hallowell.....	1	.....
Denver.....	47	.....	Randolph (town).....	20	.....
Garfield County.....	1	.....	West Gardiner (town).....	3	.....
Larimer County.....	1	.....	Farmingdale (town).....	3	.....
Logan County—			Pittston (town).....	2	.....
Sterling.....	8	.....	Oakland (town).....	1	.....
Mesa County.....	37	.....	China (town).....	3	.....
Morgan County.....	1	.....	Lincoln County—		
Otero County.....	2	.....	Whitefield (town).....	1	.....
Pueblo County—			Penobscot County—		
Pueblo.....	1	.....	Bangor.....	1	.....
Sedgwick County.....	11	.....	Indian (township).....	1	.....
Weld County.....	2	.....	Millinocket (town).....	1	.....
Total.....	117	.....	Enfield (town).....	2	.....
<b>Connecticut (Nov. 1-30):</b>			Piscataquis County—		
New Haven County—			Beaver Cove.....	1	.....
Wallingford.....	1	.....	Sagadahoc County—		
<b>Iowa (Nov. 1-30):</b>			Richmond (town).....	1	.....
Adair County.....	1	.....	Somerset County—		
Appanoose County.....	34	.....	Fairfield (town).....	1	.....
Audubon County.....	5	.....	Jackman (plantation).....	4	.....
Boone County.....	2	.....	Waldo County—		
Bremer County.....	1	.....	Knox (town).....	2	.....
Buchanan County.....	3	.....	Washington County—		
Cass County.....	11	.....	Colunbia Falls (town).....	5	.....
Cerro Gordo County.....	5	.....	Jonesboro (town).....	1	.....
Chickasaw County.....	11	.....	Total.....	227	.....
Clay County.....	7	.....	<b>Mississippi (Nov. 1-30):</b>		
Crawford County.....	1	.....	Alcorn County.....	2	.....
Decatur County.....	12	.....	Attala County.....	1	.....
Dubuque County.....	3	.....	Boivar County.....	6	.....
Floyd County.....	27	.....	Calhoun County.....	1	.....
Grundy County.....	1	.....	Carroll County.....	1	.....
Hamilton County.....	1	.....	Clarke County.....	1	.....
Johnson County.....	1	.....	Clay County.....	16	.....
Kossuth County.....	12	.....	De Soto County.....	1	.....
Lee County.....	3	.....	Grenada County.....	1	.....
Linn County.....	1	.....	Hinds County.....	2	.....
Louisa County.....	1	.....	Holmes County.....	4	.....
Marion County.....	8	.....	Jasper County.....	13	.....
Mills County.....	4	.....	Jones County.....	3	.....
Monroe County.....	1	.....	Lee County.....	3	.....
Montgomery County.....	3	.....	Leflore County.....	1	.....
Palo Alto County.....	2	.....	Lincoln County.....	1	.....
Plymouth County.....	3	.....	Madison County.....	1	.....
Polk County.....	56	.....	Sunflower County.....	1	.....
Pott County.....	21	.....	Tallahatchie County.....	5	.....
Scott County.....	1	.....	Washington County.....	10	.....
Shelby County.....	2	.....	Wayne County.....	1	.....
Sioux County.....	3	.....	Winston County.....	1	.....
Wapello County.....	2	.....	Yazoo County.....	6	.....
Webster County.....	2	.....	Total.....	82	.....
Total.....	251	.....	<b>Montana (Nov. 1-30):</b>		
<b>Maine (Nov. 1-30):</b>			Beaverhead County.....	3	.....
Androscoggin County—			Cascade County.....	2	.....
Webster (town).....	1	.....	Choteau County.....	3	.....
Aroostook County—			Flathead County.....	5	.....
Limestone (town).....	2	.....	Kalspell.....	24	.....
Chapman (town).....	1	.....	Gallatin County.....	1	.....
Presque Isle (town).....	9	.....	Bozeman.....	4	.....
Fort Fairfield (town).....	27	.....	Jefferson County.....	3	.....
St. Francis (plantation).....	1	.....	Musselshell County.....	2	.....
Mars Hill (town).....	1	.....	Park County.....	1	.....
Caribou (town).....	5	.....	Livingston.....	13	.....
Houlton (town).....	1	.....	Ravalli County.....	21	.....
Cumberland County—			Silver Bow County.....	27	.....
Portland.....	1	.....	Butte.....	85	.....

**SMALLPOX—Continued.****Miscellaneous State Reports—Continued.**

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
<b>Montana—Continued.</b>			<b>South Dakota (Nov. 1-30):</b>		
Teton County.....	1	.....	Clark County.....	6	.....
Valley County.....	3	.....	Clay County.....	39	.....
Yellowstone County—			Davison County.....	5	.....
Billings.....	2	.....	Hamlin County.....	2	.....
<b>Total.....</b>	<b>210</b>	<b>.....</b>	Kingsbury County.....	29	.....
<b>North Dakota (Nov. 1-30):</b>			Lake County.....	13	.....
Benson County.....	2	.....	Miner County.....	1	.....
Bottineau County.....	1	.....	Minnehaha County.....	37	.....
Burleigh County.....	2	.....	Roberts County.....	1	.....
Cavlier County.....	1	.....	Ziebach County.....	2	.....
Golden Valley County.....	1	.....	<b>Total.....</b>	<b>135</b>	<b>.....</b>
Grant County.....	1	.....	<b>Wyoming (Nov. 1-30):</b>		
Griggs County.....	1	.....	Laramie County.....	7	.....
McKenzie County.....	1	.....			
McLean County.....	2	.....			
Nelson County.....	3	.....			
Pembina County.....	4	.....			
Ramsey County.....	3	.....			
Stutsman County.....	4	.....			
Williams County.....	10	.....			
<b>Total.....</b>	<b>36</b>	<b>.....</b>			

**City Reports for Week Ended Dec. 15, 1917.**

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Akron, Ohio.....	17	.....	Knoxville, Tenn.....	3	.....
Alton, Ill.....	6	1	La Crosse, Wis.....	7	.....
Ann Arbor, Mich.....	1	.....	Leavenworth, Kans.....	1	.....
Baltimore, Md.....	9	.....	Lincoln, Nebr.....	8	.....
Boston, Mass.....	1	.....	Lorain, Ohio.....	2	.....
Bridgeport, Conn.....	1	.....	Malden, Mass.....	1	.....
Butler, Pa.....	1	.....	Memphis, Tenn.....	5	.....
Butte, Mont.....	25	.....	Milwaukee, Wis.....	4	.....
Canton, Ohio.....	2	.....	Minneapolis, Minn.....	22	.....
Chicago, Ill.....	8	.....	New Orleans, La.....	1	.....
Cincinnati, Ohio.....	6	.....	New York, N. Y.....	2	.....
Cleveland, Ohio.....	21	.....	Oklahoma City, Okla.....	4	.....
Coffeyville, Kans.....	1	.....	Omaha, Nebr.....	25	.....
Columbus, Ohio.....	4	.....	Pontiac, Mich.....	6	.....
Covington, Ky.....	2	.....	Portland, Oreg.....	1	.....
Cumberland, Md.....	11	.....	Quincy, Ill.....	3	.....
Dayton, Ohio.....	3	.....	Saginaw, Mich.....	2	.....
Denver, Colo.....	10	.....	St. Louis, Mo.....	14	.....
Detroit, Mich.....	61	.....	St. Paul, Minn.....	22	.....
Evansville, Ind.....	3	.....	Salt Lake City, Utah.....	4	.....
Flint, Mich.....	14	1	Sioux City, Iowa.....	2	.....
Fort Wayne, Ind.....	17	.....	Springfield, Ill.....	2	.....
Fort Worth, Tex.....	27	.....	Springfield, Ohio.....	6	.....
Grand Rapids, Mich.....	23	.....	Syracuse, N. Y.....	1	.....
Kansas City, Kans.....	35	.....	Washington, D. C.....	4	.....
Kansas City, Mo.....	117	.....			

**TETANUS.****State Reports for November, 1917.**

During the month of November, 1917, 1 case of tetanus was reported in the State of Colorado; 5 cases were reported in Kansas; and 2 cases were reported in South Dakota.

**TETANUS—Continued.****City Reports for Week Ended Dec. 15, 1917.**

During the week ended Dec. 15, 1917, 1 fatal case of tetanus was reported in Los Angeles, Cal.; 1 case was reported in New York, N. Y.; and 1 death was reported in Wheeling, W. Va.

**TUBERCULOSIS.**

See Diphtheria, measles, scarlet fever, and tuberculosis, page 22.

**TYPHOID FEVER.****Kansas—Eldorado.**

On December 31, 1917, the epidemic of typhoid fever at Eldorado, Kans., was reported as subsiding. During the month of November, 1917, 137 cases of the disease were notified, and 23 cases were notified in December.

**State Reports for November, 1917.**

Place.	New cases reported:	Place.	New cases reported.
<b>Colorado:</b>		<b>Connecticut—Continued.</b>	
Archuleta County.....	1	New London County—Continued.	
Boulder County.....	1	New London.....	1
Chaffee County.....	3	Norwich (town).....	2
Denver County—		Tolland County—	
Denver.....	5	Rockville.....	2
Huerfano County.....	8	Windham County—	
Jefferson County.....	1	Willamantic.....	1
La Plata County.....	2	<b>Total.....</b>	<b>57</b>
Larimer County.....	1		
Morgan County.....	2	<b>Kansas:</b>	
Otero County.....	1	Allen County.....	5
Prowers County.....	3	Anderson County.....	2
Pueblo County—		Atchison County.....	1
Pueblo.....	4	Barton County.....	5
San Miguel County.....	1	Bourbon County.....	4
We'd County.....	1	Brown County.....	1
<b>Total.....</b>	<b>34</b>	Butler County—	
<b>Connecticut:</b>		Augusta (1 R. D.).....	8
Fairfield County—		Douglas (R. D.).....	1
Bridgeport.....	2	Eldorado (12 R. D.).....	135
Greenwich (town).....	1	Leon (R. D.).....	1
Stamford.....	1	Rossia.....	2
Stratford.....	1	Chase County.....	2
Hartford County—		Chautauqua County.....	1
Avon.....	1	Cherokee County.....	8
East Hartford.....	1	Cloud County.....	1
Enfield.....	1	Coffey County.....	5
Glastonbury.....	1	Cowley County.....	6
Hartford.....	15	Crawford County.....	9
New Britain.....	4	Dickinson County.....	3
Simsbury.....	1	Doniphan County.....	5
South Windsor.....	1	Douglas County.....	3
West Hartford.....	1	Elk County.....	4
Windsor Locks.....	1	Ford County.....	3
Litchfield County—		Franklin County.....	11
Torrington.....	1	Greenwood County.....	6
Middlesex County—		Harvey County.....	9
Haddam.....	1	Jefferson County.....	1
Middletown.....	2	Jewell County.....	1
New Haven County—		Johnson County.....	1
Derby.....	1	Kingman County.....	2
New Haven.....	3	Kiowa County.....	2
Waterbury.....	9	Labette County.....	9
New London County—		Leavenworth County.....	3
Colchester.....	1	Linn County.....	2
Montville.....	1	Lyon County.....	2

## TYPHOID FEVER—Continued.

## State Reports for November, 1917—Continued.

Place.	New cases reported.	Place.	New cases reported.
<b>Kansas—Continued.</b>		<b>Mississippi—Continued.</b>	
Marion County.....	2	Monroe County.....	5
Meade County.....	1	Montgomery County.....	5
Miami County.....	1	Newton County.....	1
Montgomery County.....	13	Oktibbeha County.....	4
Morris County.....	2	Panola County.....	9
Neosho County.....	4	Pearl River County.....	6
Osage County.....	1	Perry County.....	4
Osborne County.....	2	Pike County.....	7
Reno County.....	5	Pontotoc County.....	8
Republic County.....	1	Prentiss County.....	5
Riley County.....	1	Quitman County.....	5
Rooks County.....	1	Rankin County.....	6
Russell County.....	4	Scott County.....	8
Saline County.....	4	Sharkey County.....	2
Sedgwick County—		Simpson County.....	2
Wichita (2 R. D.).....	25	Smith County.....	3
Seward County.....	1	Sunflower County.....	16
Shawnee County.....	6	Tallahatchie County.....	6
Sherman County.....	2	Tate County.....	3
Sumner County.....	4	Tippah County.....	9
Wabamsee County.....	1	Tishomingo County.....	2
Washington County.....	2	Tunica County.....	5
Wilson County.....	8	Union County.....	1
Woodson County.....	1	Warren County.....	1
Wyandotte County.....	6	Washington County.....	8
Total.....	365	Webster County.....	5
		Wilkinson County.....	14
<b>Maine:</b>		Winston County.....	5
Aroostook County—		Yalobusha County.....	1
Fort Fairfield (town).....	1	Yazoo County.....	3
Cumberland County—		Total.....	364
Portland.....	2		
Lincoln County—		<b>Montana:</b>	
South Bristol (town).....	1	Cascade County.....	1
Piscataquis County—		Great Falls.....	5
Dover (town).....	4	Chouteau County.....	2
Foxcroft (town).....	1	Custer County.....	1
Waldo County—		Fergus County.....	3
Waldo (town).....	1	Flathead County.....	3
Total.....	10	Gallatin County.....	2
		Lewis and Clark County.....	1
<b>Mississippi:</b>		Missoula County.....	2
Adams County.....	4	Musselshell County.....	1
Alcorn County.....	7	Park County.....	1
Amite County.....	1	Rosebud County.....	6
Attala County.....	7	Sheridan County.....	4
Bolivar County.....	26	Teton County.....	1
Calhoun County.....	4	Yellowstone County.....	2
Carroll County.....	4	Billings.....	2
Chestaw County.....	10	Total.....	37
Clatsop County.....	2		
Clarke County.....	3	<b>Nevada:</b>	
Coalbama County.....	3	Esmeralda County.....	1
Copiah County.....	10	Humboldt County.....	1
De Soto County.....	4	Lyon County.....	3
Franklin County.....	2	Nye County.....	2
Greene County.....	2	Washoe County.....	5
Harrison County.....	4	Total.....	12
Hinds County.....	12		
Holmes County.....	1	<b>New Jersey:</b>	
Itawamba County.....	3	Atlantic County.....	2
Jackson County.....	2	Bergen County.....	4
Jasper County.....	9	Burlington County.....	13
Jefferson County.....	3	Camden County.....	6
Jefferson Davis County.....	5	Cape May County.....	1
Jones County.....	20	Cumberland County.....	2
Lafayette County.....	1	Essex County.....	13
Lamar County.....	8	Gloster County.....	1
Lauderdale County.....	2	Hudson County.....	3
Leake County.....	9	Hunterdon County.....	2
Lee County.....	4	Mercer County.....	6
Leflore County.....	15	Middlesex County.....	2
Lincoln County.....	3	Monmouth County.....	4
Madison County.....	1	Morris County.....	2
Marion County.....	5	Ocean County.....	1
Marshall County.....	9		

## TYPHOID FEVER—Continued.

## State Reports for November, 1917—Continued.

Place.	New cases reported.	Place.	New cases reported.
New Jersey—Continued.		North Dakota—Continued.	
Passaic County.....	2	Stutsman County.....	6
Somerset County.....	5	Ward County.....	2
Union County.....	19	Total.....	23
Total.....	88	South Dakota:	
North Dakota:		Clark County.....	1
Barnes County.....	1	Davidson County.....	1
Bottineau County.....	3	Hutchinson County.....	6
Bowman County.....	1	Minnehaha County.....	1
Burleigh County.....	3	Roberts County.....	1
Cass County.....	3	Yankton County.....	1
Foster County.....	1	Total.....	11
Mercer County.....	1	Wyoming:	
Morton County.....	1	Goshen County.....	5
Nelson County.....	1		

## City Reports for Week Ended Dec. 15, 1917.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Albany, N. Y.....	5	.....	New Orleans, La.....	2	1
Allentown, Pa.....	2	.....	New York, N. Y.....	12	6
Ann Arbor, Mich.....	4	.....	Niagara Falls, N. Y.....	1	.....
Baltimore, Md.....	3	.....	North Adams, Mass.....	1	.....
Birmingham, Ala.....	2	.....	Pawtucket, R. I.....	1	.....
Boston, Mass.....	2	.....	Philadelphia, Pa.....	4	3
Chicago, Ill.....	2	1	Pittsburgh, Pa.....	.....	1
Cleveland, Ohio.....	2	.....	Pontiac, Mich.....	1	.....
Columbus, Ohio.....	.....	1	Portland, Oreg.....	1	.....
Cumberland, Md.....	1	1	Quincy, Ill.....	1	1
Dayton, Ohio.....	1	.....	Reading, Pa.....	1	.....
Denver, Colo.....	1	.....	Richmond, Va.....	1	1
Detroit, Mich.....	2	5	Saginaw, Mich.....	1	.....
East Orange, N. J.....	1	.....	St. Louis, Mo.....	2	.....
Elizabeth, N. J.....	2	.....	San Diego, Cal.....	2	.....
El Paso, Tex.....	1	1	Savannah, Ga.....	1	.....
Fall River, Mass.....	5	.....	Schenectady, N. Y.....	2	.....
Fort Worth, Tex.....	1	.....	South Bend, Ind.....	1	.....
Harrisburg, Pa.....	1	.....	Springfield, Ohio.....	2	1
Hartford, Conn.....	1	.....	Stockton, Cal.....	2	.....
Kansas City, Kans.....	1	.....	Syracuse, N. Y.....	1	.....
Los Angeles, Cal.....	5	.....	Terre Haute, Ind.....	.....	1
Lowell, Mass.....	.....	1	Troy, N. Y.....	3	.....
Memphis, Tenn.....	1	.....	Washington, D. C.....	1	.....
Milwaukee, Wis.....	2	1	Wheeling, W. Va.....	1	.....
Minneapolis, Minn.....	2	.....	Wilkes-Barre, Pa.....	.....	1
New Castle, Pa.....	1	.....	Worcester, Mass.....	2	.....
New Haven, Conn.....	2	.....			

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

## State Reports for November, 1917.

State.	Cases reported.			State.	Cases reported.		
	Diphtheria.	Measles.	Scarlet fever.		Diphtheria.	Measles.	Scarlet fever.
Colorado.....	49	18	87	Montana.....	20	22	262
Connecticut.....	338	414	217	Nevada.....	4	8	10
Iowa.....	72	.....	156	New Jersey.....	674	760	369
Kansas.....	231	429	343	North Dakota.....	78	8	20
Maine.....	82	350	11	South Dakota.....	32	100	62
Mississippi.....	155	5,792	89	Wyoming.....	49	21	57

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

**City Reports for Week Ended Dec. 15, 1917.**

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	.....	13	1	30	.....	16	.....	28	25
Boston, Mass.	756,476	229	124	4	81	8	34	.....	46	22
Chicago, Ill.	2,497,722	619	249	36	43	.....	101	1	547	56
Cleveland, Ohio.	674,073	185	44	6	8	.....	6	.....	15	25
Detroit, Mich.	571,784	188	71	4	27	3	44	1	41	15
Los Angeles, Cal.	503,812	137	16	1	7	.....	8	.....	42	23
New York, N. Y.	5,692,841	1,459	242	29	557	10	164	4	290	180
Philadelphia, Pa.	1,709,518	587	91	16	65	.....	58	.....	72	40
Pittsburgh, Pa.	579,090	222	24	2	40	.....	6	.....	14	11
St. Louis, Mo.	757,309	210	99	6	34	.....	23	1	44	18
From 300,000 to 500,000 inhab- itants:										
Buffalo, N. Y.	468,558	125	23	2	8	.....	10	.....	28	13
Cincinnati, Ohio.	410,476	147	21	.....	7	.....	6	.....	18	20
Jersey City, N. J.	306,345	86	15	.....	50	1	8	.....	12	1
Milwaukee, Wis.	436,535	96	7	.....	72	.....	32	1	25	7
Minneapolis, Minn.	363,454	.....	22	.....	6	.....	10	.....	.....	.....
Newark, N. J.	408,894	134	18	2	53	1	22	.....	33	13
New Orleans, La.	371,747	.....	11	1	38	.....	4	.....	41	29
San Francisco, Cal.	463,516	135	17	1	22	.....	14	.....	68	19
Seattle, Wash.	348,639	.....	3	.....	51	.....	7	.....	5	5
Washington, D. C.	363,980	139	15	5	84	.....	38	.....	13	6
From 200,000 to 300,000 inhab- itants:										
Columbus, Ohio.	214,878	61	4	.....	1	.....	18	.....	9	5
Denver, Colo.	280,800	64	17	3	2	.....	7	.....	.....	15
Kansas City, Mo.	297,847	100	16	3	14	.....	11	.....	.....	12
Portland, Oreg.	285,463	52	4	.....	6	.....	7	.....	6	4
Providence, R. I.	254,960	72	15	3	1	2	5	.....	4	9
Rochester, N. Y.	256,417	84	11	1	27	.....	12	.....	10	7
St. Paul, Minn.	247,232	60	17	2	3	.....	9	.....	7	7
From 100,000 to 200,000 inhab- itants:										
Albany, N. Y.	104,199	.....	2	.....	6	.....	1	.....	17	.....
Atlanta, Ga.	190,558	.....	3	1	15	.....	7	.....	7	5
Birmingham, Ala.	181,762	66	3	.....	102	.....	21	.....	5	7
Bridgeport, Conn.	121,579	33	6	.....	9	.....	1	.....	3	4
Cambridge, Mass.	112,981	36	12	1	11	.....	5	.....	4	6
Camden, N. J.	106,233	.....	8	.....	30	.....	6	.....	2	.....
Dayton, Ohio.	127,224	44	11	1	3	.....	3	.....	3	3
Fall River, Mass.	128,366	28	3	1	1	.....	4	.....	11	3
Fort Worth, Tex.	104,562	.....	3	.....	56	.....	2	.....	.....	2
Grand Rapids, Mich.	128,291	40	7	2	2	.....	4	.....	2	2
Hartford, Conn.	110,900	46	9	.....	2	.....	5	1	7	2
Lowell, Mass.	113,245	32	12	.....	3	.....	1	.....	7	2
Lynn, Mass.	102,425	27	4	.....	.....	.....	4	.....	1	1
Memphis, Tenn.	148,995	53	7	1	51	1	4	.....	9	7
New Bedford, Mass.	118,158	32	4	1	19	.....	2	.....	10	3
New Haven, Conn.	149,685	.....	3	.....	7	.....	2	.....	5	5
Omaha, Nebr.	165,470	62	1	.....	37	.....	6	.....	.....	2
Reading, Pa.	109,381	36	2	1	1	.....	3	.....	1	.....
Richmond, Va.	156,687	59	8	.....	2	.....	4	.....	6	6
Salt Lake City, Utah.	117,399	27	1	.....	87	.....	7	.....	.....	2
Springfield, Mass.	105,942	45	13	1	3	.....	10	.....	1	3
Syracuse, N. Y.	156,624	35	15	2	21	.....	12	.....	4	4
Tacoma, Wash.	112,770	.....	4	.....	5	.....	.....	.....	.....	.....
Toledo, Ohio.	191,554	76	13	1	13	.....	2	.....	2	6
Trenton, N. J.	111,593	45	14	1	1	.....	1	.....	3	3
Worcester, Mass.	163,314	50	4	1	3	.....	8	.....	7	4
From 50,000 to 100,000 inhabit- ants:										
Akron, Ohio.	85,625	.....	7	.....	1	.....	.....	.....	1	.....
Allentown, Pa.	63,505	16	11	.....	4	.....	3	.....	1	.....
Atlantic City, N. J.	57,660	.....	.....	.....	1	.....	.....	.....	1	.....
Bayonne, N. J.	69,893	.....	3	.....	.....	.....	.....	.....	1	.....
Berkeley, Cal.	57,653	14	1	1	3	.....	6	1	2	.....
Binghamton, N. Y.	53,973	22	9	1	6	.....	5	1	1	1
Brockton, Mass.	67,449	13	5	.....	2	.....	.....	.....	.....	1
Canton, Ohio.	60,852	17	1	.....	.....	.....	.....	.....	2	2
Charleston, S. C.	60,734	31	3	.....	.....	.....	.....	.....	.....	2
Covington, Ky.	57,144	28	1	2	.....	.....	1	.....	1	4

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

City Reports for Week Ended Dec. 15, 1917—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 50,000 to 100,000 inhabit- ants—Continued.										
Elizabeth, N. J.	86,690	24	4	1	5		6	1	4	3
El Paso, Tex.	63,705	34	1				1			12
Erie, Pa.	75,195				1		4		4	21
Evansville, Ind.	76,078	28	3	1					1	1
Flint, Mich.	54,772	16	3				9			
Ft. Wayne, Ind.	76,183	16	6				2			
Harrisburg, Pa.	72,015	21	4	1	2		2		3	1
Hoboken, N. J.	77,214	22	4		12		1		3	2
Johnstown, Pa.	68,529	17	1		2		9			
Kansas City, Kans.	99,437		3	1	4		7		1	
Lancaster, Pa.	50,853				1					
Malden, Mass.	51,155	21	6		5		2		1	3
Manchester, N. H.	78,283	22	3	1	3				11	3
Mobile, Ala.	58,221	13			10					
New Britain, Conn.	53,794	17	2		1		4		4	2
Norfolk, Va.	89,612		6		16		4			2
Oklahoma City, Okla.	92,943	16	3		4		3			2
Passaic, N. J.	71,744	13	8		1				3	1
Pawtucket, R. I.	50,411	34	4	1	2		1			3
Portland, Me.	63,867	12			195					1
Rockford, Ill.	55,185	14			3					1
Sacramento, Cal.	66,895	32					4		3	5
Saginaw, Mich.	55,642	15					7			2
St. Joseph, Mo.	85,236	24	11	1	3		2			1
San Diego, Cal.	53,330	24	5		22		5		5	3
Savannah, Ga.	68,895	30			10				1	1
Schenectady, N. Y.	99,519	26	6		2		1		13	5
Sioux City, Iowa	57,078	1	2				11			
Somerville, Mass.	87,030	25	8		19		10		5	2
South Bend, Ind.	68,946	8	1				2			1
Springfield, Ill.	61,120	20	1				1			2
Springfield, Ohio	51,550	23	1						3	1
Terre Haute, Ind.	66,083	16	5		1					1
Troy, N. Y.	77,916		1		1		5		4	3
Wilkes Barre, Pa.	76,776	29	7		6		2		2	
Wilmington, Del.	94,265	31	6		1		2			2
York, Pa.	51,636		1				2		1	
From 25,000 to 50,000 inhabitants:										
Alameda, Cal.	27,732	5	3		6				1	
Auburn, N. Y.	37,385	9	1		2					
Austin, Tex.	34,814	14	2							1
Brookline, Mass.	32,730	10	1		2		1			1
Butler, Pa.	27,032	8	2		4		2			
Butte, Mont.	43,425		6		4		10		13	
Chelsea, Mass.	46,192	12	9		14				1	
Chicopee, Mass.	29,819	9	2		3				1	1
Cumberland, Md.	26,074	8	3	1			1			
Danville, Ill.	32,261	9	1							
Davenport, Iowa.	45,811		2				4			
Dubuque, Iowa.	39,873									1
East Chicago, Ind.	28,743	15	2		3	1	1			1
East Orange, N. J.	42,458	12	3		53		1		1	
Elgin, Ill.	28,203	7								
Everett, Mass.	39,233	9	1		15	1	6		2	
Everett, Wash.	35,486	5			1					
Galveston, Tex.	41,863	3			3					2
Green Bay, Wis.	29,353	10								
Haverhill, Mass.	48,477	10	7	1					2	1
Jackson, Mich.	35,363	10	1		2		19	1		1
Kalamazoo, Mich.	48,886	10	5		11				8	1
Kenosha, Wis.	31,576	10								
Kingston, N. Y.	26,771	8								1
Knoxville, Tenn.	38,676				3				2	
La Crosse, Wis.	31,677	9	1							
Lexington, Ky.	41,097	20	1		20		1			1
Lima, Ohio.	35,384	9	6				1	1		
Lincoln, Nebr.	46,515	10	2		3		4			
Lorain, Ohio.	36,964		4							
Lynchburg, Va.	32,940	9								4
Madison, Wis.	30,699						4		2	1



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

## City Reports for Week Ended Dec. 15, 1917—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 25,000 to 50,000 inhabitants—Continued.										
McKeesport, Pa.	47,521	15	2		4					
Medford, Mass.	26,234	7					1			1
Montclair, N. J.	26,318	6	1		3	1			1	
Nashua, N. H.	27,327	11				1		1		
New Castle, Pa.	41,133		1				2			
Newport, R. I.	30,108	7	4	2	10					
Newton, Mass.	43,715	9	6		3				1	1
Niagara Falls, N. Y.	37,353	11	2		2		6		1	3
Norristown, Pa.	31,401	7	1		2				6	1
Ogden, Utah.	31,404	15	1				3			
Orange, N. J.	33,080	12	3		5		3		1	2
Pasadena, Cal.	46,450	12							3	3
Pittsfield, Mass.	38,629	3	2	1						
Portsmouth, Va.	39,651	15	1		1		8		2	2
Quincy, Ill.	36,798	10	1		4		1		2	2
Quincy, Mass.	38,136	7	2						1	1
Racine, Wis.	46,486	9			1				1	
Roanoke, Va.	43,284	16	1						1	
Rock Island, Ill.	28,926	10	1							
San Jose, Cal.	38,902				3		2			
Steubenville, Ohio.	27,445	10								
Stockton, Cal.	35,358		1		4				2	1
Superior, Wis.	46,226	4			2		4			1
Taunton, Mass.	36,283	16					3			1
Waltham, Mass.	30,570		3		1					2
Watertown, N. Y.	29,894				1				1	
West Hoboken, N. J.	43,139	5	2	1	2				1	
Wheeling, W. Va.	43,377	21	2	1	1		1		2	1
Wittsboro, Pa.	33,809		6	1						
Wilmington, N. C.	29,892	6			2					
Winston-Salem, N. C.	31,155	17	1		22		2		1	2
Zanesville, Ohio.	30,863	8								
From 10,000 to 25,000 inhabitants:										
Alton, Ill.	22,874	9		1	3		1		1	
Ann Arbor, Mich.	15,010	10	3		1					
Braddock, Pa.	21,685		1		4					
Cairo, Ill.	15,794	7			1					2
Clinton, Mass.	13,075	2			1					
Coffeyville, Kans.	17,548		1		4					
Concord, N. H.	22,669	10			2					
Galesburg, Ill.	24,276	3								
Harrison, N. J.	16,950				6					
Kearny, N. J.	23,539	8			10		3			1
Kokomo, Ind.	20,930	6					1			
Leavenworth, Kans.	19,363	7	3							
Long Branch, N. J.	15,395	2								
Marinette, Wis.	14,610	2					1			
Melrose, Mass.	17,445	5	3				1			1
Morristown, N. J.	13,284	3			1					
Nanticoke, Pa.	23,126	5	3							
Newburyport, Mass.	15,243	6							2	
New London, Conn.	20,985	12	18				1			
North Adams, Mass.	12,019	8	1							
Northampton, Mass.	19,926	6			3		1			1
Plainfield, N. J.	23,805	3	3						1	
Pontiac, Mich.	17,524	14	6				1		1	
Portsmouth, N. H.	11,666		1				6			
Rocky Mount, N. C.	12,067	7								
Rutland, Vt.	14,831	8					1			
Sandusky, Ohio.	20,193	2			1					
Saratoga Springs, N. Y.	13,821	4							1	
Steelton, Pa.	15,548	4	2						3	1
Washington, Pa.	21,618				2		1			
Woburn, Mass.	15,969	6								

<sup>1</sup> Population Apr. 15, 1910; no estimate made.

# FOREIGN.

## CUBA.

### Communicable Diseases—Habana.

Communicable diseases have been notified at Habana as follows:

Diseases.	Dec. 1-10, 1917.		Remain- ing under treat- ment Dec. 10, 1917.	Diseases.	Dec. 1-10, 1917.		Remain- ing under treat- ment Dec. 10, 1917.
	New cases.	Deaths.			New cases.	Deaths.	
Diphtheria.....	9	.....	6	Scarlet fever.....	4	.....	6
Leprosy.....	.....	.....	10	Smallpox.....	1	.....	2
Malaria.....	32	.....	65	Typhoid fever.....	30	6	85
Measles.....	9	.....	9	Varicella.....	2	.....	2
Paratyphoid fever.....	.....	.....	3				

<sup>1</sup> From the interior, 37 cases.

<sup>2</sup> From the interior, 54 cases.

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

Reports Received During Week Ended Jan. 4, 1918.<sup>1</sup>

#### CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
India:				
Calcutta.....	Sept. 16-Oct. 6.....	.....	42	
Java:				
West Java.....				Oct. 19-25 1917: Cases, 9; deaths, 2.
Batavia.....	Oct. 19-25.....	8	2	
Persia:				
Mazanderan Province—				
Astrabad.....	July 31.....	.....	.....	Present.
Barfrush.....	July 1-27.....	34	23	
Chahmirzad.....				25 cases reported July 31, 1917.
Chahraastagh.....	June 15-July 25.....	10	8	
Kharek.....	May 28-June 11.....	21	13	
Sari.....	July 3-29.....	273	144	
Yekchambe-Bazar.....	June 3.....	6	.....	
Siam:				
Bangkok.....	Sept 16-22.....	1	1	

#### PLAGUE.

Egypt.....				
Port Said.....	July 23-29.....	1	2	Jan. 1-Nov. 15, 1917: Cases, 728; deaths, 398.
India.....				Sept. 16-29, 1917: Cases, 18,633; deaths, 13,810.
Calcutta.....	Sept. 16-29.....	.....	2	
Siam:				
Bangkok.....	Sept. 16-22.....	1	1	
Straits Settlements:				
Singapore.....	Oct. 28-Nov. 3....	1	3	

<sup>1</sup> From medical officers of the Public Health Service, American consuls, and other sources. For reports received from June 30, 1917, to Dec. 28, 1917, see Public Health Reports for Dec. 28 1917. The tables of epidemic diseases are terminated semiannually and new tables begun.

**CHOLERA, PLAGUE, SMALLPOX, AND TYPHUS FEVER—Continued.****Reports Received During Week Ended Jan. 4, 1918—Continued.****SMALLPOX.**

Place.	Date.	Cases.	Deaths.	Remarks.
Australia:				
New South Wales				Oct. 12-25, 1917: Cases, 5.
Abermain	Oct. 25	2		
Warren	Oct. 12-13	3		
Brazil:				
Pernambuco	Nov. 1-15	1		
Rio de Janeiro	Sept. 30-Oct. 27	313	88	
Canada:				
Ontario—				
Hamilton	Dec. 16-22	1		
Sarnia	Dec. 9-15	1		
China:				
Amoy	Oct. 22-Nov. 4			Present. Do.
Mukden	Nov. 11-24			
Tientsin	Nov. 11-17	2		
Egypt:				
Cairo	July 23-29	2	1	
France:				
Lyon	Nov. 18-25		1	In hospital. From Givors.
Great Britain:				
Birmingham	Nov. 11-17	19		
Italy:				
Turin	Oct. 29-Nov. 4	33	6	
Java:				
Mid-Java	Oct. 10-16	8		
West Java				Oct. 19-25, 1917: Cases, 8; deaths, 1.
Mexico:				
Mazatlan	Dec. 5-11		1	
Mexico City	Nov. 11-17	9		
Newfoundland:				
St. Johns	Dec. 8-14	1		
Portuguese East Africa:				
Lourenço Marques	Aug. 1-Sept. 30		4	
Russia:				
Moscow	Aug. 26-Oct. 6	22	2	

**TYPHUS FEVER.**

Australia:				
South Australia				Nov. 11-17, 1917 Cases, 1.
Canada:				
Ontario—				
Kingston	Dec. 2-8	3		
Egypt:				
Alexandria	Nov. 8-14	10	2	
Cairo	July 23-29	23	8	
Java:				
Mid-Java	Oct. 10-16	12		
West Java				Oct. 19-25, 1917: Cases, 9; deaths, 2.
Batavia	Oct. 18-25	5	1	
Mexico:				
Agascalientes	Dec. 15		2	
Mexico City	Nov. 11-17	94		
Russia:				
Archangel	Sept. 1-14	7	2	
Moscow	Aug. 26-Oct. 6	49	2	

X