

PUBLIC HEALTH REPORTS

VOL. 33

OCTOBER 18, 1918

No. 42

EPIDEMIC INFLUENZA.

Prevalence in the United States.

Reports received by the United States Public Health Service since the last issue of the Public Health Reports indicate that influenza is spreading rapidly. Its presence has been reported in every State, and the number of cases reported is increasing in nearly all communities, except a few in the eastern part of the country, where the disease appears to be decreasing.

The following is a summary of the more important reports of the prevalence of influenza received since the last issue of the Public Health Reports:

Alabama.—On October 15 it was said that 25,811 cases of influenza had been reported in the State. The peak of the epidemic in the vicinity of Florence was reported on October 13 to have been passed. Numerous cases have been reported from Anniston, Huntsville, Mobile, and Tuscaloosa.

Arizona.—Record of reported cases and deaths to October 16 is as follows: Northern Arizona, 1,519 influenza cases, 66 pneumonia cases, 31 deaths from both; central Arizona, 707 influenza cases, 16 pneumonia cases, 7 deaths from both; southern Arizona, 1,721 influenza cases, 10 pneumonia cases, 10 deaths from both.

Arkansas.—Reports of new cases have been received from many places throughout the State. It is stated that many cases throughout rural districts are unattended and consequently unreported.

California.—On October 16 there had been more than 14,500 cases of influenza reported in the State, of which 2,600 were in Los Angeles and 1,500 in San Francisco. From October 1 to 15, 136 deaths from influenza and pneumonia were reported, but these statistics are said to be incomplete. The disease seems to be slightly more prevalent in southern California than in the northern part of the State.

Colorado.—Reports of cases of and deaths from influenza and pneumonia have been reported from Canon City, Colorado Springs, Denver, Lajunta, and Salida.

Connecticut.—It was estimated that there had been 110,000 cases reported in the State up to October 15.

Delaware.—From October 4 to 14, inclusive, 389 deaths from influenza were registered in Wilmington. New cases of influenza in Wilmington and Delaware generally were said to be decreasing slowly.

District of Columbia.—During the week ending October 16, 440 deaths were registered as having been due to influenza or pneumonia. The total number of deaths from these causes since the beginning of the epidemic up to and including October 16 was 731.

Florida.—From October 5 to 15, 158 deaths from influenza and pneumonia were reported from principal cities in Florida. On October 15 it was estimated that 800 cases were under treatment in the civil population at Key West.

Georgia.—Cases are reported from many parts of the State. On October 15 it was estimated that there were 1,800 cases at Savannah.

Idaho.—The disease is present. Twenty-five cases were reported from Bannock County on October 16.

Hawaii.—Very few cases have appeared in Hawaii. The disease is said to be mild in character.

Illinois.—During the week ended October 12, 27,767 cases of influenza were reported in the State. Conditions are said to be growing gradually but steadily worse.

Indiana.—On October 15, 5,217 new cases were reported in Indiana outside of Indianapolis and military camps. At Evansville 327 cases of influenza were reported by 37 physicians for the week ending October 14.

Iowa.—Up to and including October 15, 8,169 cases with 72 deaths had been reported for the State. The number of cases appears to be increasing.

Kansas.—Reports indicate that cases in Kansas are increasing. On October 16, 1,903 new cases were officially reported. The total reported for the week ended October 5 was 1,327.

Kentucky.—Reports were received on October 17 of cases in Ashland, Frankfort, and Paducah. From October 2 to October 15, 405 cases were reported in Lexington, with 7 deaths.

Louisiana.—During the week ended October 12, 15,494 cases were reported officially in Louisiana. The disease was said to be generally distributed over the State.

Maine.—During the week ended October 12, 14 places reported 3,846 cases. Additional cases have been reported from a number of localities throughout the State.

Maryland.—Cases continue to be reported from all parts of the State. Recent reports of deaths from influenza and pneumonia in Baltimore are as follows: 10th, 68; 11th, 94; 14th, 176; and 15th, 193.

Massachusetts.—The State health officer reported on October 12 that the situation was somewhat better. Several places in eastern

Massachusetts report marked reduction in new cases. The western part of the State has been reporting more heavily. Deaths from influenza and pneumonia in Boston were registered as follows: 10th, 124; 11th, 121; 12th, 123; 13th, 85; 14th, 119; 15th, 98.

Michigan.—On October 15 it was stated that 50 deaths had occurred in the State.

Minnesota.—Forty-five localities reported 421 new cases on October 15. The State health officer stated that the situation in the State at large was not alarming. Epidemics are reported at Duluth—which is partly burned and contains many fire refugees—Winona, Oslo, and a number of scattered districts. Old epidemics are reported as subsiding.

Mississippi.—Twenty-six localities reported 1,934 cases on October 15. Reports from many counties show that the disease is present in nearly all parts of the State and is increasing.

Missouri.—Reports indicate the presence of influenza in a number of places, notably St. Louis. To October 16, 3,765 cases and 90 deaths have been reported from St. Louis, 558 cases and 13 deaths being reported on October 16.

Nebraska.—The disease is said to be epidemic over the entire State. Reports have been received from nearly every county, some counties reporting from 250 to 500 cases a day.

Nevada.—A total of 38 cases had been reported up to October 15.

New Hampshire.—Conditions are said to be improving. From October 5 to 14, inclusive, 82 deaths were reported at Nashua and 35 at Dover; from October 6 to 15, inclusive, 202 deaths were reported at Manchester. Among other infected cities are Berlin, Franklin, Portsmouth, and Rochester.

New Jersey.—In the southern part of the State—in Gloucester, Camden, Collingswood, Salem, Vineland, Bridgeton, and Millville—there is a substantial decrease in the number of cases, while in the northern part of the State—in Essex, Bergen, Morris, and Sussex Counties—it does not appear that the epidemic is subsiding. Up to and including October 15, 88,256 cases had been reported.

New Mexico.—Epidemics are reported as occurring at numerous places, including Carlsbad, East Las Vegas, Roswell, Albuquerque, and Gallup.

New York.—The disease is said to be generally prevalent over the State, moving from east to west. On October 15, 322 deaths from pneumonia and 336 deaths from influenza were registered in New York City; on October 16, 316 deaths from pneumonia and 317 from influenza were registered.

North Carolina.—Epidemics have been reported from many places in the State. On October 13 the epidemic was said to be at its height

in Fayetteville. Between 1,000 and 1,500 cases have been reported in Kannapolis.

North Dakota.—New cases are being reported from a number of counties in the State. On October 15, 5,833 cases had been reported for the State as a whole.

Ohio.—On October 15 it was estimated that there had been at least 60,000 cases in the State. Reports indicating the presence of the disease have been received from Canton, Chillicothe, Cincinnati, Cleveland, Dayton, Lima, Newark, Toledo, Youngstown, and Zanesville.

Oklahoma.—Many cases are reported from all parts of the State.

Oregon.—Conditions throughout the State were said to be satisfactory. Cases have been reported at Eugene, Portland, Corvallis, Baker, Pendleton, and other places.

Pennsylvania.—Up to and including October 14, 6,081 deaths from influenza and 2,651 deaths from pneumonia had been registered in Pennsylvania. The greater number of these deaths occurred in Philadelphia.

Rhode Island.—On October 16, 21 deaths from influenza and 13 from pneumonia were registered in Providence. Deaths have been reported from Pawtucket, Newport, Woonsocket, Bristol, Warren, Warwick, West Warwick, Central Falls, and other places.

South Carolina.—A total of 31,000 cases had been reported to the State health officer up to October 16. At Charleston 775 cases were reported on October 15.

South Dakota.—Cases have been reported from many localities.

Tennessee.—During the 10-day period ended October 14, 53 deaths were notified at Chattanooga. On October 15, 27 deaths from influenza and pneumonia had occurred at Knoxville. The situation at Memphis is said to be improving slightly.

Utah.—Influenza is rapidly spreading in the State. About 40 localities were said to be affected on October 13. More than 1,000 cases had been reported up to that time.

Vermont.—It is estimated that there have been more than 15,000 cases in Vermont. Reports show decreasing incidence throughout the State.

Virginia.—It was estimated on October 15 that there were at least 200,000 cases in the State. Incomplete reports showed that at least 61,580 cases had been reported up to this date.

Washington.—The disease is epidemic at Seattle and Spokane. A report from Tacoma says that the situation there is not critical. Cases of the disease are reported as occurring throughout the State.

West Virginia.—Outbreaks have been reported at a number of places. The situation was said to be satisfactory at Wheeling. Thirty-five cases were reported during 48 hours ended October 15.

Wisconsin.—New cases are reported from many localities in the State.

Wyoming.—On October 16 it was reported that there were 2,500 cases in the State, with 65 deaths, during last week. The three counties which suffered the most from the epidemic were widely separated.

EQUIPPING EMERGENCY HOSPITALS.

AN IMPORTANT RECOMMENDATION FROM THE WAR INDUSTRIES BOARD.

In order to care for those victims of the present influenza epidemic who would otherwise be without medical or nursing attendance, many of the stricken communities, acting with commendable promptness, have established emergency hospitals. In providing for the equipment of these hospitals it was perhaps natural that in many instances standard hospital equipment, even including surgical instruments and other operating-room paraphernalia, should have been installed. In this connection we call attention to the following warning, addressed to the Public Health Service by Lieut. Col. F. F. Simpson, M. C., of the War Industries Board.

"It seems probable that as the epidemic of influenza spreads various communities throughout the country will find it necessary to improvise rather extensive hospital facilities. In view of the stringency in hospital equipment, particularly for surgical purposes, brought about by the military emergency, I would urge that you use your influence to secure the cooperation of the various communities in the conservation of hospital equipment. The following suggestions are submitted in the hope of accomplishing that end:

"*Beds.*—That in so far as possible ordinary single beds be purchased from existing stocks, and that they be brought up to the proper height by placing the legs on wooden blocks.

"*Surgical equipment.*—In most communities the surgical equipment in existing hospitals is ample to care for those requiring surgical operations. It is, therefore, urgently requested that no patients requiring surgical operations be sent to these temporary hospitals, and that these hospitals be not provided with surgical equipment. The reason for this request is that the productive capacity of manufacturers of sterilizers, operating tables, and other surgical equipment is required for military purposes.

"Your cooperation in placing this matter before the health departments of the various cities and communities concerned will be very much appreciated."

These are admirable suggestions and should be followed by every community establishing emergency hospitals for dealing with the present epidemic of influenza.

AMERICAN PUBLIC HEALTH ASSOCIATION MEETING POSTPONED.

In the issue of Public Health Reports for September 22 the announcement was made that the Surgeon General would present a war program of the Public Health Service at the meetings of the American Public Health Association at Chicago October 14-17. At the request of the Surgeon General this meeting was postponed and will be held instead December 9-12. Headquarters will be, as previously announced, at Hotel Morrison, Chicago.

Further announcements will be issued by the American Public Health Association, 126 Massachusetts Avenue, Boston, Mass., and will be published in the American Journal of Public Health.

HOME NURSING SHOULD BE ENCOURAGED.

In an effort to reduce unnecessary calls on the overworked physicians because of the present epidemic of influenza, the Public Health Service has issued a bulletin calling upon the people of the country to learn something about the home care of patients ill with influenza. Physicians everywhere have complained of the large number of unnecessary calls they have been compelled to make because of the inability of many people to distinguish between the cases requiring expert medical care and those which could readily be cared for without a physician. With influenza continuing to spread in many parts of the country, and with an acute shortage of doctors and nurses in most communities, every unnecessary call on physicians or nurses makes it so much harder to meet the urgent needs of patients who are seriously ill.

Following is the text of the bulletin issued to the public:

"Every person who feels sick and appears to be developing an attack of influenza should at once be put to bed in a well-ventilated room. If his bowels have moved regularly, it is not necessary to give a physic; where a physic is needed, a dose of castor oil or Rochelle salts should be given.

"The room should be cleared of all unnecessary furniture, bric-a-brac, and rugs. A wash basin, pitcher and slop bowl, soap and towels should be at hand, preferably in the room or just outside the door.

"If the patient is feverish, a doctor should be called, and this should be done in any case if the patient appears very sick, or coughs up pinkish (blood stained) sputum, or breathes rapidly and painfully.

"Most of the patients cough up considerable mucus; in some there is much mucus discharged from the nose and throat. This material should not be collected in handkerchiefs, but rather on bits of old rags, or toilet paper, or on paper napkins. As soon as used, these rags or papers should be placed in a paper bag kept beside the bed.

Pocket handkerchiefs are out of place in the sick room and should not be used by patients. The rags or papers in the paper bag should be burned.

"The patients will not be hungry, and the diet should therefore be light. Milk, a soft-boiled egg, some toast or crackers, a bit of jelly or jam, stewed fruit, some cooked cereal like oatmeal, hominy, or rice; these will suffice in most cases.

"The comfort of the patient depends on a number of little things, and these should not be overlooked. Among these may be mentioned a well ventilated room; a thoroughly clean bed with fresh, smooth sheets and pillow cases; quiet, so that refreshing sleep may be had; cool drinking water conveniently placed; a cool compress to the forehead if there is headache; keeping the patient's hands and face clean, and the hair combed; keeping his mouth clean, preferably with some pleasant mouth wash; letting the patient know that some one is within call, but not annoying him with too much fussing; giving the patient plenty of opportunity to rest and sleep.

"It is advisable to give the sick room a good airing several times a day. The patient should be well protected against cold and draughts and then the windows should be opened widely to let in the fresh air.

"So much for the patient. It is equally important to consider the person who is caring for him. It is important to remember that the disease is spread by breathing germ-laden matter sprayed into the air by the patient in coughing or even in ordinary breathing. The attendant should therefore wear a gauze mask over her mouth and nose while she is in the sick room. Such a mask is easily made by folding a piece of gauze fourfold, sewing a piece of tape at the four corners, and tying the upper set of tapes over the ears, the lower set around the neck. If the folded piece of gauze is about 6 inches square, it will nicely cover both mouth and nose. Such a mask can be worn without discomfort for several hours, after which it can be boiled in water, dried, and be used over.

"The attendant should always wash her hands with soap and water immediately after waiting on or touching the patient. This is important, for carelessness in this direction may easily cause the attendant to become infected with the disease germs.

"Attendants should, if possible, wear a washable gown or an apron which covers the dress. This will make it much simpler to avoid infection.

"It is desirable that all attendants learn how to use a fever thermometer. This is not at all a difficult matter, and the use of such a thermometer is a great help in caring for the patients. The druggist who sells these thermometers will be glad to show how they are used.

... "In closing, one word of caution: If in doubt, call the doctor."

STATE AND INSULAR HEALTH AUTHORITIES, 1918.

DIRECTORY, WITH DATA AS TO APPROPRIATIONS AND PUBLICATIONS.

Directories of the State and insular health authorities of the United States for each year from 1912 to 1917 have been published in the Public Health Reports ¹ for the information of health officers and others interested in public-health activities. These directories have been compiled from data furnished by the respective State and insular health officers and have included data as to appropriations and publications.

The following is a similar directory for 1918:

ALABAMA.

Board of censors of the State medical association acting as a committee of public health:
 S. W. Welch, M. D., chairman, Montgomery.
 C. A. Thigpen, M. D., Montgomery.
 Glenn Andrews, M. D., Montgomery.
 V. P. Gaines, M. D., Mobile.
 S. G. Gay, M. D., Selma.
 L. W. Johnston, M. D., Tuskegee.
 C. A. Mohr, M. D., Mobile.
 D. F. Talley, M. D., Birmingham.
 R. S. Hill, M. D., Montgomery.
 B. L. Wyman, M. D., Birmingham.

Executive health officer:
 S. W. Welch, M. D., State health officer, Montgomery.

Registrar of vital statistics:
 H. G. Perry, M. D., Montgomery.

State laboratory:
 P. P. Salter, M. D., Montgomery.

Sanitary engineer:
 G. H. Hazlehurst, C. E., Montgomery.

Rural sanitation:
 B. N. Walker, M. D., Livingston.
 B. F. Thomas, M. D., Opelika.

State prison inspector:
 Glenn Andrews, M. D., Montgomery.

Appropriation (exclusive of state prison inspector) for fiscal year ending Sept. 30, 1918, \$26,200.

ALASKA.

Governor and ex officio commissioner of health:
 Thomas Riggs, jr., Juneau.

Assistant commissioners of health:
 L. P. Dawes, M. D., Juneau.
 W. W. Council, M. D., Cordova.
 J. A. Sutherland, M. D., Fairbanks.
 W. D'Arcy Chace, M. D., Nome.

Appropriation for fiscal year ending Mar. 31, 1919, \$2,500.

ARIZONA.

Board of health:
 Geo. W. P. Hunt, governor, president, Phoenix.
 Wiley E. Jones, attorney general, vice president, Phoenix.
 Orville Harry Brown, M. D., secretary, Phoenix.

ARIZONA—Continued.

Executive health officer:
 Orville Harry Brown, M. D., State superintendent of public health, Phoenix.

Appropriations for fiscal year ending June 30, 1919:

Salary superintendent of health.....	\$1,000
Salary registrar of vital statistics.....	1,000
Office expenses.....	3,000
	5,000

Publications issued by health department:
 Quarterly bulletin.
 Biennial report.

ARKANSAS.

Board of health:
 H. R. Webster, M. D., president, Texarkana.
 C. M. Lutterloh, M. D., Jonesboro.
 C. F. Crosby, M. D., Heber Springs.
 J. T. Clegg, M. D., Siloam Springs.
 H. L. Montgomery, M. D., Gravelly.
 S. A. Southall, M. D., Lonoke.
 F. O. Mahony, M. D., El Dorado.

Executive health officer:
 C. W. Garrison, M. D., State health officer, Little Rock.

Bureau of vital statistics:
 Miss Nell P. Smart, chief clerk, Little Rock.

Hygienic laboratory:
 M. King, M. D., acting director, Little Rock.

Chief hotel inspector:
 E. R. Wiles, Little Rock.

Appropriations for biennial period ending Mar. 31, 1919:

Executive department—salaries and miscellaneous.....	\$11,300
Vital statistics bureau—salaries and miscellaneous.....	10,690
Bureau of sanitation—maintenance.....	10,000
	31,990

Other sources of revenue:
 Fees for marriage licenses, 50 cents each, are deposited in the State treasury to maintain the central bureau of vital statistics.
 License fees for hotels, restaurants, and rooming houses are deposited in the State treasury to maintain the bureau of sanitation.

¹ Reprints Nos. 83, 123, 190, 268, 344, and 405 from the Public Health Reports.

CALIFORNIA.**Board of health:**

George E. Ebright, M. D., president, San Francisco.

Fred F. Gundrum, M. D., vice president, Sacramento.

Wilfred H. Kellogg, M. D., secretary, Sacramento.

Wm. Le Moyne Wills, M. D., Los Angeles.

Edward F. Glaser, M. D., San Francisco.

Adelaide Brown, M. D., San Francisco.

Robert A. Peers, M. D., Colfax.

Executive health officer:

Wilfred H. Kellogg, M. D., secretary State board of health, Sacramento.

Attorney for board of health:

Kemper B. Campbell, Los Angeles.

Bureau of administration:

Guy P. Jones, director, Sacramento.

Bureau of vital statistics:

George D. Leslie, director, Sacramento.

Bureau of registration of nurses:

Anna C. Jamme, R. N., director, Sacramento.

Bureau of tuberculosis:

Edith L. M. Tate Thompson, director, Sacramento.

Bureau of foods and drugs:

Erwin J. Lea, director, Berkeley.

Bureau of communicable diseases:

Frank J. Kelly, M. D., acting director, Berkeley.

Bureau of sanitary engineering:

Chester G. Gillespie, director, Berkeley.

Appropriations for biennial period ending

June 30, 1919:

Traveling and contingent expenses.....	\$38,880
Tuberculosis.....	125,000
Pure food and drugs.....	65,000
Hygienic laboratory.....	} 55,000
Antirabic virus.....	
Stenographic services.....	2,400
Printing.....	10,000
Contagious diseases.....	75,000
Sanitary engineering.....	45,000
Statutory salaries (from general appropriation).....	47,800
Support of 6 district health officers, at \$3,000, expenses, etc.....	55,000
	519,080

Other sources of revenue:

Fees for registration of nurses (\$10 each).

Licensing of cold-storage warehouses (rated according to capacity).

Fees for certified copies of records.

Licensing plumbers, \$2.50 each original examination.

Fiscal year ends June 30.

Publications issued by health department:

Biennial report.

Monthly bulletin.

COLORADO.**Board of health:**

A. J. Monahan, M. D., Pueblo.

C. G. Hickey, M. D., vice president, Denver.

Erlø E. Kennedy, M. D., secretary, Denver.

A. W. Scott, Fort Collins.

Frank R. Coffman, M. D., Denver.

COLORADO—Continued.**Board of health—Continued.**

Wm. H. Sharpley, M. D., Denver.

A. C. McCain, M. D., Ault.

Chas. A. Bundsen, M. D., Denver.

F. P. Hanson, M. D., Gunnison.

Executive health officer:

Erlø E. Kennedy, M. D., secretary State board of health, Denver.

Pure food and drug commissioner:

S. R. McKelvey, M. D., Denver.

Bacteriologist:

W. C. Mitchell, M. D., Denver.

Medical inspector:

J. W. Morgan, M. D., Denver.

Appropriations for fiscal year ending Nov. 30, 1918:

Salaries.....	\$16,100
Laboratory equipment, supplies, and expenses.....	450
Bulletin.....	400
Traveling expenses.....	2,000
Incidental and contingent expenses.....	800
	19,750

CONNECTICUT.**Public health council:**

Edward K. Root, M. D.

Lewis Sperry.

C.-E. A. Winslow, M. S.

Walter H. Brown, M. D.

Robert A. Cairns, C. E.

James A. Newlands B. S.

Executive health officer:

John T. Black, M. D., commissioner of health, Hartford.

Laboratory director:

C. J. Bartlett, M. D.

Sanitary engineering director:

J. Frederick Jackson, C. E.

Preventable diseases director:

T. E. Reeks, M. D.

Vital statistics director:

James P. Balfe.

Appropriations for fiscal year ending Sept. 30, 1918:

General expenses.....	\$18,000
Laboratory.....	13,000
Antitoxin.....	6,200
Spring-water investigation.....	500
Salary, commissioner.....	4,000
Special, factory waste.....	12,500
	55,100

Other sources of revenue:

Medical practice, registration fees.

Spring water, license fees.

Publications issued by health department:

Monthly bulletin.

Annual vital statistics report.

Biennial report of State department of health.

DELAWARE.**Board of health:**

Wm. P. Orr, M. D., president, Lewes.

A. E. Franz, M. D., secretary, Wilmington.

J. W. Clifton, M. D., Smyrna.

W. F. Haines, M. D., Seaford.

J. A. Draper, M. D., Wilmington.

C. A. Ritchie, M. D., Wilmington.

L. S. Conwell, M. D., Camden.

DELAWARE—Continued.

Executive health officer:
A. E. Frantz, M. D., secretary State board of health, Wilmington.
 Pathologist and bacteriologist:
 Herbert J. Watson, Newark.
 Appropriations for fiscal year ending Jan. 13, 1919:
 State board of health..... \$2,500
 Laboratory..... 4,000
 Vital statistics..... 2,000
 Diphtheria antitoxin..... 600

9,000

DISTRICT OF COLUMBIA.

Executive health officer:
Wm. C. Fowler, M. D., health officer, Washington.
 Assistant health officer:

 Chief clerk and deputy health officer:
 Arthur G. Cole, Washington.
 Chief, bureau of preventable diseases, and director, bacteriological laboratory:
 Harry S. Bernton, M. D.
 Bacteriologist:
 L. V. Dieter, Phar. D., Washington.
 Serologist:
 W. F. Landon, B. S., Washington.
 Chemist:
 M. A. Pozen, B. S., Phar. D., Washington.
 Chief sanitary inspector:
 C. R. Holman, Washington.
 Chief food inspector:
 Reid R. Ashworth, D. V. S., Washington.
 Chief medical and sanitary inspector of schools:
 Joseph A. Murphy, M. D., Washington.
 Appropriations for fiscal year ending June 30, 1919:
 Salaries..... \$86,470
 Prevention of communicable diseases.. 40,000
 Disinfecting service..... 6,000
 Isolation wards at hospitals..... 16,500
 Milk and food inspection and regulation..... 8,500
 Miscellaneous..... 41,610

199,080

Publications issued by health department:
 Weekly report of health officer.
 Annual report of health officer.
 Monthly statement of average grade of milk sold.

FLORIDA.

Board of health:
 Charles T. Frecker, president, Tampa.
 Ed. M. Earnest, Palatka.
 J. E. Graves, De Funisk Springs.
 Executive health officer:
W. H. Cox, M. D., State health officer, Jacksonville.
 Assistant State health officer:
 V. H. Gwinn, M. D.
 Bureau of vital statistics:
 Stuart G. Thompson, M. D., statistician, Jacksonville.
 Bureau of sanitary engineering:
 George W. Simons, jr., chief, Jacksonville.
 Bureau of laboratories:
 B. L. Arms, M. D., chief, Jacksonville.

FLORIDA—Continued.

Bureau of venereal diseases:
 H. O. Snow, M. D.
 Appropriation for health department:
 One-half mill tax levied upon the assessable property of the State.
 Fiscal year ends Dec. 31.
 Publication issued by health department:
 Monthly bulletin.

GEORGIA.

Board of health:
 W. H. Doughty, jr., M. D., president, Augusta.
 James H. McDuffie, M. D., vice president, Columbus.
 T. F. Abercrombie, M. D., secretary, Atlanta.
 Chas. H. Richardson, M. D., Macon.
 A. D. Litt's, M. D., Thomasville.
 John W. Daniel, M. D., Savannah.
 B. C. Teas'ey, M. D., Hartwell.
 A. L. Crittenden, M. D., Shellman.
 Robert F. Maddox, Atlanta.
 A. C. Shamblyn, M. D., Rome.
 Gies Hatcock, M. D., Lula.
 J. L. Walker, M. D., Waycross.
 M. S. Brown, M. D., Fort Valley.
 M. L. Brittain, State superintendent of schools, Atlanta.
 Peter F. Bahnsen, State veterinarian, Atlanta.
 Executive health officer:
T. F. Abercrombie, M. D., secretary State board of health, Atlanta.
 Division of bacteriology:
 T. F. Sellers, M. Sc., director, Atlanta.
 Division of water analysis:
 Ray C. Werner, B. S., director, Atlanta.
 Division of tuberculosis (Raoul Foundation):
 J. P. Faulkner, director, Atlanta.
 Appropriation for fiscal year ending Dec. 31, 1918, \$30,500.
 Publication issued by health department:
 Monthly bulletin.

HAWAII.

Board of health:
 S. S. Paxson, president, Honolulu.
 Harry Irwin, attorney general, Honolulu.
 W. C. Hobby, M. D., Honolulu.
 F. E. Trotter, M. D., Honolulu.
 John Markham, Honolulu.
 G. J. Waller, jr., Honolulu.
 George Denison, Honolulu.
 Executive health officer:
J. T. Wayson, M. D., Honolulu.
 Bacteriologist:
 I. J. Shepherd, M. D., Honolulu.
 Tuberculosis bureau:
 Ruth Alexander McKellar, M. D., director, Honolulu.
 Food commissioner and analyst:
 M. B. Bairos, Honolulu.
 Oahu Insane Asylum:
 W. A. Schwallie, M. D., superintendent, Honolulu.
 Lepers settlement:
 J. D. McVeigh, superintendent, Kalaupapa, Molokai.

HAWAII—Continued.

Appropriations for fiscal year ending June 30, 1918:	
General expenses.....	\$21,100
Sanitation.....	44,580
Pure food.....	7,500
Bacteriological bureau.....	2,820
Quarantine and medical service.....	57,200
Rat campaign.....	10,000
Mosquito campaign.....	13,750
Tuberculosis.....	82,500
Care of lepers and their children.....	229,840
Care of insane.....	81,040
	550,330

Publication issued by health department:
Annual report of president.

IDAHO.

Board of health:

W. R. Hamilton, M. D., president, Weiser.
Edward T. Biver, M. D., secretary, Boise.
T. A. Walters, attorney general, Boise.
Fred A. Wilkie, Boise.
B. O. Clark, M. D., Emmett.

Executive health officer:

Edward T. Biver, M. D., secretary State
board of health, Boise.

Dairy, food, and sanitary commissioner:

J. K. White, Boise.

Bacteriologist:

Emily L. Moshage, M. D., Boise.

Chemist:

Edward F. Rhodenbaugh, Boise.

Appropriations for biennial period ending Jan. 1, 1919:

State board of health.....	\$9,195
Bacteriological laboratory.....	7,460
Chemical laboratory.....	5,800
Vital statistics.....	1,200
Dairy, food, and sanitary inspection....	19,340
	42,995

Fiscal year ends January 1.

ILLINOIS.

Director of public health:

C St. Clair Drake, M. D., Springfield.

Assistant director of public health:

George Thomas Palmer, M. D.

Chief sanitary engineer:

Paul Hansen, C. E.¹
M. C. Sjoblom, B. A., acting chief.

Division of communicable diseases:

J. J. McShane, M. D., chief.

Division of tuberculosis:

C. W. East, M. D., chief.

Bacteriologist and pathologist:

George F. Sorgatz, M. D.¹
Martin Dupray, B. S., M. S. (acting).

Division of vital statistics:

Sheldon L. Howard, registrar.

Supervisor of rural hygiene:

Paul F. Skoog

Superintendent of lodging-house inspection:

W. W. McCulloch.

ILLINOIS—Continued.

Appropriations for fiscal year ending June 30, 1918:	
General office.....	\$18,533
Communicable diseases.....	10,695
Diagnostic laboratory.....	12,756
Tuberculosis.....	4,999
Sanitation.....	30,515
Vital statistics.....	14,799
Lodging houses.....	10,257
	182,554

Publication issued by health department:
Monthly bulletin.

INDIANA.

Board of health:

Chas. B. Kern, M. D., president, Lafayette.
Hugh A. Cowing, M. D., vice president, Muncie.
J. N. Hurty, M. D., secretary, Indianapolis.
J. A. Hewitt, M. D., Terre Haute.
James S. Boyers, M. D., Decatur.

Executive health officer:

J. N. Hurty, M. D., State health commissioner,
Indianapolis.

Assistant State health commissioner:

Wm. F. King, M. D., Indianapolis.

Division of statistics:

H. M. Wright, superintendent, Indianapolis

Division of bacteriology and pathology:

Wm. Shimer, M. D., superintendent, Indianapolis.

Pasture laboratory:

J. C. Nicodemus, M. D., superintendent, Indianapolis.

Division of food and drugs:

H. E. Barnard, Ph. D., State food and drug
commissioner, Indianapolis.

Water and sewage laboratory:

L. R. Taylor, A. B., superintendent, Indianapolis.

Division of child and school hygiene:

Division of epidemiology:

Wm. Shimer, M. D., superintendent, Indianapolis.

Bureau of venereal diseases:

Wm. F. King, M. D., director, Indianapolis.

Division of inspection:

E. C. Helwig, M. D., chief, Indianapolis.

Appropriations for fiscal year ending Sept. 30, 1918:

Salaries (specific).....	\$4,500.00
State board of health office.....	30,000.00
Laboratory of hygiene.....	10,000.00
Laboratory pure food and drugs.....	20,000.00
Water laboratory.....	5,000.00
Weights and measures.....	10,000.00
Cold-storage fund.....	400.00
Hydrophobia fund.....	8,084.76
Special for baby book.....	5,000.00
	93,014.76

Publication issued by health department:
Monthly bulletin.

¹ On leave of absence in military service.

IOWA.

Board of health:

- Walter L. Bierring, M. D., president, Des Moines.
- Lafayette Higgins, sanitary engineer, vice president, Des Moines.
- G. F. Severs, M. D., Centerville.
- Gulford H. Sumner, M. D., secretary, Des Moines.
- Frank T. Launder, M. D., Garwin.
- Clinton E. Harris, M. D., Grinnell.
- W. L. Harding, governor, Des Moines.
- W. S. Allen, secretary of state, Des Moines.
- F. S. Shaw, State auditor, Des Moines.
- E. H. Hoyt, State treasurer, Des Moines.
- R. E. Bales, secretary appointing board and executive council, Des Moines.

Executive health officer:

Gulford H. Sumner, M. D., State health commissioner, Des Moines.

Laboratories:

- Henry Albert, M. D., director, Iowa City.
- John H. Hamilton, M. D., epidemiologist, Iowa City.

Appropriations for fiscal year ending June 30, 1919:

State board of health work.....	\$5,000
Bacteriological laboratory.....	8,000
Antitoxin department.....	2,000
Vital statistics.....	3,000
Salaries of employees.....	4,800
	22,800

The above does not include special appropriation for clerical assistance.

Publications issued by health department:

- Biennial report.
- Quarterly bulletin.

KANSAS.

Board of health:

- J. T. Axtell, M. D., president, Newton.
- O. D. Walker, M. D., vice president, Salina.
- W. M. Earnest, M. D., Washington.
- M. O. Locke, attorney, Topeka.
- S. J. Crumbine, M. D., secretary, Topeka.
- C. H. Ewing, M. D., Larned.
- H. L. Aldrich, M. D., Caney.
- O. C. Baird, M. D., Chanute.
- Clay E. Coburn, M. D., Kansas City.
- C. H. Lerrigo, M. D., Topeka.
- Jesse T. Orr, M. D., Olathe.

Executive health officer:

S. J. Crumbine, M. D., secretary State board of health, Topeka.

Division of vital statistics:

S. J. Crumbine, M. D., acting State registrar, Topeka.

Division of communicable diseases and sanitation:

J. J. Sippy, M. D., epidemiologist, Topeka.

Division of foods and drugs:

Frank Rowland, assistant chief food and drug inspector, Topeka.

Division of child hygiene:

Lydia A. DeVilbiss, M. D., chief, Topeka.

Division of water and sewage:

Prof. C. A. Haskins, chief, Lawrence.

KANSAS—Continued.

Division of public health education:

S. J. Crumbine, M. D. director, Topeka.

Water and sewage laboratories at Kansas University:

Prof. C. C. Young, director, Lawrence.

Food laboratory at Kansas University:

Prof. E. H. S. Bailey, director of food analyses, Lawrence.

Drug laboratory at Kansas University:

Prof. L. E. Sayre, director of drug analyses, Lawrence.

Food laboratory at Kansas Agricultural College:

Prof. Wm. King, director of food analyses, Manhattan.

Bacteriologist:

S. E. Greenfield, M. D., Topeka.

Appropriations for fiscal year ending June 30, 1919:

Salaries.....	\$15,700
Miscellaneous.....	9,700
Water and sewage division.....	5,000
Free distribution of antitoxins, etc.....	2,500
Suppression of communicable diseases.....	5,000
Public health exhibit car.....	2,000
Laboratory of hygiene.....	1,500
Division of child hygiene.....	7,500
	48,900

Other sources of revenue:

Marriage fees.

Water and ice analyses fees.

Food and drug laboratories at Kansas University maintained by university maintenance fund, and food laboratory at Kansas Agricultural College maintained by agricultural college maintenance fund.

Publications issued by health department:

- Monthly bulletin.
- Biennial report.

KENTUCKY.

Board of health:

- J. G. South, M. D., president, Frankfort.
- J. N. McCormack, M. D., secretary, ¹ Bowling Green.
- W. W. Richmond, M. D., Clinton.
- I. A. Shirley, M. D., Winchester.
- C. A. Fish, M. D., Frankfort.
- George T. Fuller, M. D., Mayfield.
- H. H. Carter, M. D., Shelbyville.
- J. G. Furnish, M. D., Covington.

Executive health officer:

J. N. McCormack, M. D., secretary State board of health ¹ Bowling Green.

Chiefsanitary inspector:

J. N. McCormack, M. D., Bowling Green.

Bacteriologist:

L. H. South, M. D., Bowling Green.

Sanitary engineer:

D. P. Curry, M. D., Bowling Green.

Registrar of vital statistics:

P. E. Blackerby, M. D., Bowling Green.

Appropriation for fiscal year ending June 30, 1919, \$130,000.

Publication issued by health department:

- Monthly bulletin.

¹ For the period of the war.

LOUISIANA.

Board of health:

Oscar Dowling, M. D., president, New Orleans.
J. M. Mosely, M. D., Arcadia.
T. T. Tarlton, M. D., Grand Coteau.
L. C. Chamberlain, M. D., New Orleans.
J. T. Abshire, M. D., Leroy.
T. A. Roy, M. D., Mansura.
B. A. Ledbetter, M. D., New Orleans.
M. W. Swords, M. D., secretary, New Orleans.

Executive health officer:

Oscar Dowling, M. D., president State board of health, New Orleans.

Bacteriologist:

W. H. Seeman, M. D.,¹ New Orleans.
George H. Hauser, M. D. (acting), New Orleans.

Registrar:

John H. Ellis, M. D., New Orleans.

Sanitary engineer:

John H. O'Neill,¹ New Orleans.

Child hygiene:

Agnes Morris, New Orleans.

Analyst:

C. L. Clay, New Orleans.

Chemists:

J. Roy Keeny,¹ New Orleans.
Leonard C. Scott, M. D., New Orleans.

Visiting nurse:

Eva Parker, New Orleans.

School inspector:

C. M. Abbott, M. D., New Orleans.

Rural sanitation:

C. M. Shipp, M. D., director, Vivian.

Bureau of venereal diseases:

H. F. Ader, M. D., director, New Orleans.

Appropriation for fiscal year ending June 30, 1919,
 \$50,000.

Other source of revenue:

Fees from oil inspections.

Publications issued by health department:

Monthly bulletin.
 Quarterly bulletin.
 Annual almanac
 Biennial report.

MAINE.

Public health council:

Leverett D. Bristol, M. D., Dr. P. H., chairman, Augusta.

S. J. Beach, M. D., Augusta.

R. J. Aley, Ph. D., Orono.

Hiram W. Ricker, South Poland.

J. B. Drummond, M. D., Portland.

Executive health officer:

Leverett D. Bristol, M. D., Dr. P. H., State commissioner of health, Augusta.

Division of administration:

Leverett D. Bristol, M. D., Dr. P. H., director, Augusta.

Division of communicable diseases:

A. G. Young, M. D., director, Augusta.

Division of diagnostic laboratories:

H. E. Thompson, M. D., director, Augusta.

Division of sanitary engineering:

H. D. Evans, M. A., director, Augusta.

MAINE—Continued.

Division of public health education and publicity:

W. H. Greenleaf, director, Augusta.

Division of vital statistics:

Leverett D. Bristol, M. D., Dr. P. H., State registrar, Augusta.

Division of venereal diseases:

H. E. Hitchcock, M. D., director, Augusta.

Appropriations for fiscal year ending Dec. 31, 1918:

Contingent expenses.....	\$7,000
Vital statistics.....	3,000
Laboratory of hygiene.....	6,500
Printing and binding.....	2,000
Epidemic fund.....	2,000
General fund.....	9,500
Venereal diseases.....	4,000
	<hr/>
	31,000

Other source of revenue:

Census Bureau, Washington, D. C., about \$900.

Publications issued by health department:

Annual report of department of health.
 Annual report on vital statistics.
 Monthly scientific bulletin.
 Monthly news bulletin.

MARYLAND.

Board of health:

Wm. H. Welch, M. D., president, Baltimore.
Albert C. Ritchie, attorney general, Baltimore.
John S. Fulton, M. D., secretary, Baltimore.
Wm. W. Ford, M. D., Baltimore.
John D. Blake, M. D., Baltimore.
Tolley A. Biays, Baltimore.

Executive health officer:

John S. Fulton, M. D., State health officer Baltimore.

Bureau of communicable diseases:

C. Hampson Jones, M. D., chief, Baltimore.

Bureau of vital statistics:

Frederic V. Reiter, M. D., chief, Baltimore.

Food and drug commissioner:

Fred. C. Blanck, Ph. D., Baltimore.

Bureau of bacteriology:

Wm. Royal Stokes, M. D., chief, Baltimore.

Bureau of sanitary engineering:

Robert B. Morse, C. E., chief, Baltimore.

Bureau of chemistry:

Wyatt W. Randall, Ph. D., chief, Baltimore.

Appropriations for fiscal year ending Sept. 30, 1918:

Bacteriology.....	\$7,800
Chemistry.....	7,700
Communicable diseases.....	13,300
Executive office.....	22,900
Food and drugs.....	13,300
Sanitary engineering.....	21,700
Vital statistics.....	7,800
Sanitary districts.....	30,000
	<hr/>
	124,500

Publication issued by health department:

Annual report.
 Health officers' bulletin.

MASSACHUSETTS.

Public health council:

Eugene R. Kelley, M. D., chairman, Boston.
David L. Edsall, M. D., Boston.
W. J. Gallivan, M. D., South Boston.

¹ On leave of absence in military service.

MASSACHUSETTS—Continued.

Public health council—Continued.

- J. E. Lamoureux, M. D., Lowell.
- Prof. W. T. Sedgwick, Cambridge.
- Prof. G. C. Whipple, Cambridge.
- John T. Wheelwright, Boston.

Executive health officer:

Eugene R. Kelley, M. D., commissioner of health, Boston.

Division of sanitary engineering:

X. H. Goodnough, director and chief engineer, Boston.

Division of water and sewage laboratories:

H. W. Clark, director and chemist, Boston.

Division of communicable diseases:

John S. Hitchcock, M. D., director, Boston.

Division of hygiene:

Merrill E. Champion, M. D., director, Boston.

Division of food and drugs:

Hermann C. Lythgoe, director and analyst, Boston.

Division of biologic laboratories:

Milton J. Rosenau, M. D., director and pathologist, Boston.

Antitoxin and vaccine laboratory:

Arnold N. Allen, M. D., assistant director, Boston.

Wassermann Laboratory:

W. A. Hinton, M. D., assistant director, Boston.

Epidemiologist:

Bernard S. Carey, M. D., Boston.

Bacteriologist:

Edith A. Beckler, Boston.

Appropriations for fiscal year ended Nov. 30, 1917:

Salaries (specific).....	\$15,000
General expenses.....	17,000
Annual report.....	4,000
Division of hygiene.....	20,000
Epidemiologist, salary and expenses...	3,000
Inspectors of health.....	38,800
Diagnostic laboratory.....	6,500
Antitoxin and vaccine.....	33,500
Ophthalmia neonatorum.....	1,000
Food and drug inspection.....	17,500
Slaughtering inspection and cold storage.....	12,000
Water supply and sewage disposal.....	56,800
State examiners of plumbers.....	5,200
Syphilis (balance from 1916).....	8,800
Protection of health at military camp..	20,000
Examination of domestic water supplies.	2,500
Investigation of feasibility and cost of draining marshes of the Neponset River and the shores of Quiney Bay.	2,000
Child conservation.....	5,000
Suppression of nuisance caused by decaying blackfish.....	750
Causation of infantile paralysis (balance from 1916).....	4,577
Aftercare of infantile paralysis (balance from 1916).....	4,776
	278,793

Publications issued by health department:

- Monthly bulletin.
- Annual report.
- Miscellaneous pamphlets dealing with health matters.

MICHIGAN.

Board of health:

Victor C. Vaughan, M. D., president, Ann Arbor.

R. M. Olin, M. D., secretary, Lansing.
Andrew P. Biddle, M. D., Detroit.

Guy L. Kiefer, M. D., Detroit.

William F. English, M. D., Saginaw.

Executive health officer:

E. M. Olin, M. D., secretary State board of health, Lansing.

Bacteriologists:

- A. A. Spoor, M. D., Lansing.
- E. R. Chambers, M. D., B. S., Houghton.
- George T. Buckel, (acting).

Sanitary engineer:

E. D. Rich, M. C. E., Lansing.
Gardiner Legg, (acting).

Appropriations for fiscal year ended June 30, 1917:

General appropriation.....	\$15,000.00
Clerical hire.....	12,000.00
Laboratories.....	11,500.00
From general fund of State for salaries and expenses.....	20,173.75
	58,673.75

Publications issued by health department:

- Monthly bulletin.
- Annual report.

MINNESOTA.

Board of health:

Egil Boeckmann, M. D., president, St. Paul.
Christopher Graham, M. D., vice president, Rochester.

D. N. Jones, M. D., Minneapolis.

Werner Hemstead, M. D., St. Cloud.

L. P. Wolff, St. Paul.

C. L. Scofield, M. D., Benson.

Neill M. Watson, M. D., Red Lake Falls.

F. N. Hunt, M. D., Fairmont.

F. W. Cappelen, Minneapolis.

Executive health officer:

H. M. Bracken, M. D., secretary State board of health, St. Paul.

Assistant secretary State board of health:

Charles E. Smith, jr., M. D., St. Paul.

Division of records:

O. C. Pierson, director, St. Paul.

Division of preventable diseases:

A. J. Chesley, M. D., director, Minneapolis.

Pasteur institute:

O. McDaniel, chief; assistant director of division of preventable diseases, Minneapolis.

Division of sanitation:

H. A. Whittaker, director, Minneapolis.

Division of vital statistics:

Mrs. Gerda C. Pierson, director, St. Paul.

Division of tuberculosis:

Charles E. Smith, jr., M. D., director, St. Paul.

Division of venereal diseases:

H. G. Irvine, M. D., director, St. Paul.

L. W. Feezer, assistant director, St. Paul.

Mabel S. Ulrich, M. D., supervisor of social hygiene education, St. Paul.

1 On leave of absence in military service.

MINNESOTA—Continued.

Appropriations for fiscal year ending July 31, 1919:

General fund.....	\$17,772
Vital statistics.....	10,000
Communicable diseases.....	20,000
Laboratories.....	30,000
Pasteur institute.....	7,000
Sanitary engineering.....	7,000
Free antitoxin.....	7,000
Prevention of blindness.....	1,000
Infectious disease carriers.....	500
Infantile paralysis.....	25,000
Soldiers' venereal disease fund ¹	35,000
	<hr/>
	160,272

Other sources of revenue:

Aid from county and city for branch laboratory at Duluth, \$1,200.

Aid from physicians for branch laboratory at Mankato, \$1,800.

Publications issued by health department:

Monthly bulletin on deaths.

Biennial report.

MISSISSIPPI.

Board of health:

C. D. Mitchell, M. D., president, Fondren.

T. F. Elkin, M. D., Tupalo.

L. L. McDougal, M. D., Boceville.

J. H. McNeill, M. D., Olive Branch.

S. E. Eason, M. D., New Albany.

T. W. Reagan, M. D., Union.

W. H. Watson, M. D., Brandon.

S. W. Glass, M. D., Lyon.

T. H. Seay, M. D., Laurel.

H. F. Garrison, M. D., Seminary.

B. L. Crawford, M. D., Tylertown.

R. H. Cranford, M. D., Moselle.

A. J. Ware, M. D., Greenville.

Executive health officer:

W. S. Leathers, M. D., secretary State board of health, Jackson.

Bureau of vital statistics:

R. W. Hall, M. D., director, Jackson.

Hygienic laboratory:

C. R. Stingily, M. D., director, Jackson.

Chief sanitary inspector:

Willis Walley, M. D., Jackson.

Appropriations for fiscal year ending Dec. 31, 1918:

General fund.....	\$14,000
Vital statistics.....	8,000
Municipal sanitation.....	3,600
Rural sanitation.....	12,000
Hygienic laboratory.....	11,000
Prevention of blindness in the newborn	300
	<hr/>
	48,900

Publications issued by health department:

Biennial report.

Monthly bulletin.

MISSOURI.

Board of health:

W. J. Ferguson, M. D., president, Sedalia.

W. A. Clark, M. D., vice president, Jefferson City.

Geo. H. Jones, M. D., secretary, Jefferson City.

MISSOURI—Continued.

Board of health—Continued.

E. P. North, M. D., St. Louis.

T. A. Son, M. D., Bonne Terre.

T. W. Cotton, M. D., Van Buren.

T. H. Wilcoxon, M. D., Bowling Green.

Executive health officer:

Geo. H. Jones, M. D., secretary State board of health, Jefferson City, Mo.

Bacteriologist:

Geo. H. Jones, M. D., Jefferson City.

Statistician:

C. J. Kaiser, Jefferson City.

Appropriations for biennial period ending Dec. 31, 1918:

Board of health fund, bureau of licensure.....	\$15,000
Salaries.....	21,600
Printing.....	7,000
Postage.....	3,500
Contagious diseases.....	2,000
Office expenses.....	1,950
Laboratory expenses.....	1,500
	<hr/>
	52,550

Publication issued by health department:

Annual report.

MONTANA.

Board of health:

D. J. Donohue, M. D., president, Butte.

W. F. Cogswell, M. D., secretary, Helena.

S. V. Stewart, governor, Helena.

S. C. Ford, attorney general, Helena.

W. J. Butler, State veterinarian, Helena.

E. F. Maginn, M. D., Butte.

M. M. Dean, M. D., Helena.

Executive health officer:

W. F. Cogswell, M. D., secretary State board of health, Helena.

Child-welfare division:

Margaret Hughes, director, Helena.

Water and sewage laboratory and food and drug laboratory:

W. M. Cobbleigh, director, Bozeman.

Food and drug division:

H. M. Shea, analyst, Bozeman.

Inspector water plants:

H. B. Foote, Bozeman.

Division of venereal diseases:

F. J. O'Donnell, director, Helena.

Division of publicity and education:

E. O. Sisson, director, Missoula.

Hygienic laboratory:

A. H. McCray, M. D., director.

Appropriation for health department:

Salaries (specific).....	\$6,000
Board of health expenses.....	4,000
Bacteriology.....	5,000
Infantile-paralysis work.....	4,500
Water analysis and inspection of water plants.....	4,000
Food and water laboratory.....	5,000
Enforcing food and drug law.....	0,000
Board of entomology (spotted-fever work).....	5,000
	<hr/>
	39,600

¹This special appropriation granted by emergency appropriation board February, 1918, available until meeting of next legislature, January, 1919.

MONTANA—Continued.

Other source of revenue:
 Fees for embalmers' licenses.
 Fiscal year ends Feb. 28.
 Publications issued by health department:
 Monthly bulletin.
 Biennial report.

NEBRASKA.

Board of health:
 Keith Neville, governor, North Platte.
 Willis E. Reed, attorney general, Madison.
 W. H. Clemmons, superintendent of public instruction, Fremont.

Medical examining board:
 W. T. Johnson, M. D., president, Pawnee City.
 C. L. Mullins, M. D., vice president, Broken Bow.
 J. E. Spatz, M. D., treasurer, Fairfield.
 H. J. Letmhoff, M. D., secretary, Lincoln.

Executive health officer:
 Wm. F. Wild, M. D., commissioner of health, Lincoln.

Epidemiologist:
 Wm. H. Wilson, M. D., Lincoln.

Bacteriologist:
 Edmund G. Zimmerer, M. D., Lincoln.

Sanitary engineer:
 Wm. Grant, S. B., C. E., Lincoln.

Statistician:
 May F. Hyland, Lincoln.

Appropriations for biennial period ending Mar. 31, 1919:

Salaries.....	\$30,600
Maintenance.....	10,000
	40,600

NEVADA.

Board of health:
 W. H. Hood, M. D., president, Reno.
 S. L. Lee, M. D., secretary, Carson City.
 G. F. Ruediger, M. D., Reno.

Executive health officer:
 S. L. Lee, M. D., secretary State board of health, Carson City.

State hygienic laboratory at State university:
 G. F. Ruediger, M. D., director, Reno.

Appropriation for fiscal year ending Dec. 31, 1918, \$3,250.

Publication issued by health department:
 Biennial report.

NEW HAMPSHIRE.

Board of health:
 Robert Fletcher, C. E., president, Hanover
 Sibley G. Morrill, M. D., Concord.
 Henry W. Keyes, governor, Haverhill.
 Oscar L. Young, attorney general, Laconia.
 George C. Wilkins, M. D., Manchester.
 D. E. Sullivan, M. D., Concord.

Executive health officer:
 Charles Duncan, M. D., secretary State board of health, Concord.

Laboratory of hygiene:
 Charles D. Howard, chemist.
 Charles Duncan, M. D., bacteriologist.
 Joseph X. Duval, inspector, Concord.

NEW HAMPSHIRE—Continued.

Veneral diseases:
 Charles A. Weaver, M. D., Manchester.

Appropriations for fiscal year ending Aug. 31, 1919:

State board of health.....	\$16,050
Laboratory of hygiene.....	9,300
Vital statistics.....	3,000
Lunacy commission.....	1,150
	29,500

Publications issued by health department:
 Quarterly bulletin.
 Biennial report.

NEW JERSEY.

Board of health:
 Wm. H. Chew, president, Salem.
 J. Oliver McDonald, M. D., vice president, Trenton.
 Frederick T. Crane, C. E., Orange.
 Oliver Kelly, Oak Tree.
 Clyde Potts, C. E., Morristown.
 Henry Spence, M. D., Jersey City.
 H. E. Winter, M. D., Plainfield.
 Thomas B. Lee, M. D., Camden.

Executive health officer:
 Jacob C. Price, M. D., director of health, Trenton.

Laboratory of hygiene:
 R. B. Fitz-Randolph, chief, Trenton.

Division of general administration:
 Charles J. Merrell, chief, Trenton.

Bureau of food and drugs:
 Walter W. Scofield, jr., chief, Trenton.

Bureau of medical supervision:
 A. C. Hunt, M. D., chief, Trenton.

Bureau of education and publicity:
 A. C. Hunt, M. D., chief pro tempore, Trenton.

Division of child hygiene:
 Bertha F. Johnson, M. D., chief, Trenton.

Bureau of local health administration:
 David C. Bowen, chief, Trenton.

Bureau of engineering:
 H. P. Croft, acting chief, Trenton.

Bureau of vital statistics:
 David S. South, chief, Trenton.

Appropriations for fiscal year ending Oct. 31, 1918:

Salaries.....	\$95,000
Expenses.....	45,000
Enforcement of sanitation in municipalities.....	5,000
	145,000

Publications issued by health department:
 Monthly bulletin.
 Annual report.

NEW MEXICO.

Board of health:
 J. A. Massie, M. D., president, Santa Fe.
 Joseph S. Cipes, M. D., vice president, Albuquerque.
 W. E. Kaser, M. D., secretary and treasurer East Las Vegas.
 H. A. Ingalls, M. D., Roswell.
 M. D. Taylor, Aztec.
 H. Austin Stroup, M. D., Artesia.
 C. H. Ferguson, M. D., Tucumcari.

NEW MEXICO—Continued.

Executive health officer:
W. E. Kaser, M. D., secretary and treasurer
 State board of health and medical examiners,
 East Las Vegas.
 Fiscal year ends December 31.

NEW YORK.

Public health council:
 Hermann M. Biggs, chairman, Albany.
 Joseph A. Warren, secretary, New York City.
 Homer Folks, New York City.
 Simon Flexner, M. D., New York City.
 Prof. Henry N. Ogden, Ithaca.
 T. Mitchell Prudden, M. D., New York City.
 Wilhelm Gaertner, M. D., Buffalo.
 Mrs. Ella L. Blair, Port Chester.
 Executive health officer:

Hermann M. Biggs, M. D., commissioner of
 health, Albany.

Deputy commissioner of health:
 Matthias Nicoll, jr., M. D., Albany.

Secretary:
 John A. Smith, M. D., Albany.
 Assistant to deputy commissioner:
 B. R. Rickards, S. B., Albany.

Executive clerk:
 Fenimore D. Beagle, Albany.
 Division of sanitary engineering:
 Theodore Horton, C. E., director, Albany.

Division of vital statistics:
 Otto R. Eichel, M. D., director, Albany.

Division of child hygiene:
 H. F. Sentfner, M. D., acting director, Albany.

Division of communicable diseases:
 Paul B. Brooks, M. D., acting director, Albany.

Division of tuberculosis:
 M. Edgar Rose, M. D., supervisor, Albany.

Bureau of venereal diseases:
 J. S. Lawrence, M. D., chief, Albany.

Division of laboratories and research:
 Augustus B. Wadsworth, M. D., director,
 Albany.

Appropriations for fiscal year ending June 30, 1918:

Personal services.....	\$347,660.00
Fuel, light, power, and water.....	3,300.00
Printing.....	43,100.00
Printing, departmental reports.....	110,000.00
Advertising.....	200.00
Equipment.....	29,500.00
Supplies.....	38,225.00
Traveling expenses.....	50,600.00
Communication.....	15,600.00
General plant service.....	2,300.00
Care of typhoid carriers.....	1,000.00
Suppressing smallpox epidemic on Indian reservations.....	7,032.94
Rent, branch offices and labora- tories.....	5,648.67
	<hr/>
	554,164.61

Other source of revenue:
 Fees from certified transcripts of birth, death,
 and marriage certificates and registration of
 laboratories, approximately \$1,000 a year.

Publications issued by health department:
 Monthly health news.
 Fortnightly official bulletin.

¹ This includes a deficiency appropriation from legislative printing covering 1916 and 1917 reports.

NORTH CAROLINA.

Board of health:
 J. Howell Way, M. D., president, Waynesville.
 Richard H. Lewis, M. D., Raleigh.
 J. L. Ludlow, C. E., Winston-Salem.
 Thomas E. Anderson, M. D., Statesville.
 Charles O'H. Laughinghouse, M. D., Green-
 ville.
 Edward J. Wood, M. D., Wilmington.
 F. R. Harris, M. D., Henderson.
 Cyrus Thompson, M. D., Jacksonville.
 E. C. Register, M. D., Charlotte.

Executive health officer:
W. S. Rankin, M. D., secretary and treasurer
 State board of health, Raleigh.

Laboratory of hygiene:
 C. A. Shore, M. D., director, Raleigh.
 Bureau of engineering and education:
 Warren H. Booker, C. E., chief, Raleigh.

Deputy State registrar:
 J. R. Gordon, M. D., Raleigh.

State tuberculosis sanatorium:
 L. B. McBrayer, M. D., superintendent, San-
 atorium.

Bureau of medical inspection of schools:
 G. M. Cooper, M. D., director, Raleigh.

Bureau of county health work:
 B. E. Washburn, M. D., director, Raleigh.

Bureau of epidemiology:
 A. McR. Crouch, M. D., chief, Raleigh.

Appropriations for fiscal year ending Nov. 30, 1918:

State board of health.....	\$37,500
Vital statistics.....	10,000
Laboratory of hygiene.....	12,500
Tuberculosis sanatorium.....	40,000
School inspection.....	10,000
Ruralsanitation.....	15,000
Control of disease.....	6,000
Prevention of blindness.....	3,000
	<hr/>
	131,000

Other sources of revenue:
 * Counties, for cooperative county health
 work..... \$31,000
 International Health Board, for cooper-
 ative county health work..... 15,500
 Publications issued by health department:
 Monthly bulletin.
 Biennial report.

NORTH DAKOTA.

Board of health:
 Wm. Langer, attorney general, president,
 Bismarck.
 A. M. Call, M. D., vice president, Rugby.
 C. J. McGurran, M. D., secretary, Devils Lake.

Executive health officer:
C. J. McGurran, M. D., secretary State board
 of health, Devils Lake.

Appropriations for biennial period ending June 30,
 1919:

Salaries (specific).....	\$4,200
Miscellaneous.....	3,900
	<hr/>
	8,100

Publications issued by health department:
 Quarterly bulletin.
 Biennial report.

OHIO.

Public health council:

- G. D. Lummis, M. D., chairman, Middletown.
- C. O. Probst, M. D., Columbus.
- W. I. Jones, D. D. S., Columbus.
- R. M. Calfee, Cleveland.
- Allen W. Freeman, M. D.,¹ commissioner of health, Columbus.
- James E. Bauman, secretary, Columbus.

Executive health officer:

Allea W. Freeman, M. D.,¹ commissioner of health, Columbus.

Division of administration:

James E. Bauman, deputy commissioner of health, Columbus.

Division of sanitary engineering:

W. H. Dittoe, chief engineer, Columbus.

Division of communicable diseases:

E. J. Schwartz, M. D., director, Columbus.

Division of public health education and tuberculosis:

R. G. Paterson, P. H. D., director, Columbus.

Division of child hygiene:

F. M. Hollingshead, M. D., director, Columbus.

Division of plumbing inspection:

W. F. Duffy, State inspector, Columbus.

Division of laboratories:

L. H. Van Buskirk, B. S., director, Columbus.

Division of industrial hygiene:

R. P. Albaugh, M. D., director, Columbus.

Appropriations for fiscal year ending June 30, 1919:

Personal service.....	\$91,230
Maintenance.....	36,775
	128,005

Publication issued by health department:

Monthly public health journal.

OKLAHOMA.

Executive health officer:

John W. Duke, M. D., commissioner of health, Guthrie.

Assistant commissioner of health:

H. V. L. Sapper, M. D., Oklahoma City.

Chemist:

W. A. Walker, Oklahoma City.

Bacteriologist:

S. R. Campbell, Oklahoma City.

Appropriations for fiscal year ending June 30, 1919:

Salaries.....	\$17,940
Biological products.....	7,500
Printing.....	2,000
Pure food and drug division.....	20,000
Sanitary inspection.....	2,500
Laboratory.....	5,000
	54,940

Publication issued by the health department:

Annual report.

OREGON.

Board of health:

- A. C. Seely, M. D., president, Roseburg.
- F. M. Brooks, M. D., vice president, Portland.
- Robert E. L. Holt, M. D., secretary, Portland.
- Andrew C. Smith, M. D., Portland.
- R. J. Marsh, M. D., Portland.
- C. T. Bacon, M. D., La Grande.
- W. H. Dale, M. D., Harrisburg.

OREGON—Continued.

Executive health officer:

Robert E. L. Holt, M. D., State health officer, Portland.

Registrar of vital statistics:

Robert E. L. Holt, M. D., Portland.

Acting State bacteriologist:

Miss Emma Howe, Portland.

Appropriation for fiscal year ending Dec. 31, 1918, \$12,500.

Special appropriation:

\$15,000 for work done in conjunction with the United States Public Health Service in the control of venereal diseases.

Publications issued by health department:

Annual report.

Biennial report.

PENNSYLVANIA.

Advisory board:

Adolph M. Koenig, M. D., Pittsburgh.

Lee Masterton, C. E., Johnstown.

Charles B. Penrose, M. D., Philadelphia.

Joseph S. Neff, M. D., Narberth.

T. E. Munse, V. M. D., Harrisburg (acting).

Executive health officer:

B. Franklin Boyer, M. D., acting commissioner of health, Harrisburg.

Assistant to commissioner:

Thomas W. Jackson, M. D.,¹ Harrisburg.

Secretary:

Edna B. Hosler (acting), Harrisburg.

General inspector:

C. W. Webbert, Harrisburg.

Division of medical inspection:

Howard L. Hull, M. D., acting chief medical inspector, Harrisburg.

Laboratories and experimental station:

J. B. Rucker, jr., M. D., chief of the laboratories, Philadelphia.

Division of sanatoria:

F. C. Johnson, M. D., medical director, sanatorium for tuberculosis, No. 1, Mont Alto.

W. G. Turnbull, M. D.,¹ medical director, sanatorium for tuberculosis, No. 2, Cresson.

T. H. A. Stites, M. D., medical director, sanatorium for tuberculosis, No. 3, Hamburg.

Division of tuberculosis dispensaries:

Karl Schaffe, M. D., medical inspector, Harrisburg.

Division of distribution of biological products:

J. Moore Campbell, M. D., chief, Harrisburg.

Division of sanitary engineering:

C. A. Emerson, jr., chief engineer, Harrisburg.

Bureau of vital statistics:

Wilmer R. Batt, M. D., state registrar, Harrisburg.

Division of housing:

John Molitor, acting chief, Philadelphia.

Division of public service:

Daniel E. Ness, chief, Harrisburg.

Division of accounting and purchasing:

E. I. Simpson, chief, Philadelphia.

Division of child hygiene:

Dr. Samuel McC. Hammill, chief, Philadelphia.

Division of genito-urinary dispensaries:

John L. Laird, M. D., chief, Philadelphia.

¹ On leave of absence in military service.

PENNSYLVANIA—Continued.

Division of control of narcotics:
 W. W. Wyant, acting chief, Philadelphia.

Division of supplies:
 Charles Hartzell, superintendent, Harrisburg.

Appropriations for biennial period ending May 31, 1919:

Tuberculosis work.....	\$3,384,180
General fund.....	1,075,000
School inspection.....	225,000
Salaries.....	567,424
	5,251,604

PHILIPPINE ISLANDS.

Council of hygiene, advisory board to the director of health:

Fernando Calderon, M. D., president, Manila.
 Manuel Gomez, M. D., secretary, Manila.
 Manuel Guerrero, M. D., Manila.
 Jose Albert, M. D., Manila.
 Benito Valdez, M. D., Manila.
 Anacleto Diaz, Manila.
 Tomas Earnshaw, Manila.

Executive health officer:
 John D. Long, M. D., director of health and chief quarantine officer, Manila.

Assistant director of health:
 Vicente de Jesus, M. D., Manila.

Division of provincial sanitation:

Division of city of Manila sanitation:
 Salvador V. del Rosario, M. D., chief, Manila.

Office of statistics:
 Manuel Gomez, M. D., chief, Manila.

Office of sanitary engineering:
 Edward L. Barber, chief, Manila.

Office of hygienic and industrial development:
 Mamerto Tianco, acting chief, Manila.

Office of district nursing:
 Miss Pearletta Clark, chief, Manila.

Clerical office:
 Michael J. Walsh, chief, Manila.

Office of property:
 B. D. Burnham, chief, Manila.

Appropriations for fiscal year ending Dec. 31, 1918:

Salaries and wages.....	\$223,019.00
Miscellaneous expenses.....	599,196.40
Furniture and equipment.....	14,250.00
	836,465.40

Publications issued by health service:
 Quarterly report.
 Annual report.
 Semiweekly bulletin.

PORTO RICO.

Insular board of health:

Francisco del Valle Atilas, M. D., president, San Juan.
 José Lugo Vifia, M. D., secretary San Juan.
 José A. López Antongiorgi, M. D., San Juan.
 José J. Monclova, pharmacist, Río Piedras.
 Gustavo Muñoz Diaz, M. D., San Juan.
 José S. Belaval, M. D., San Juan.
 Juan Hernández López, lawyer, San Juan.
 Francis W. Darymple, engineer, San Juan.

PORTO RICO—Continued.

Executive health officers:
 Alejandro Rufz Soler, M. D., commissioner of health, San Juan.
 Eliseo Font Guillot, M. D., assistant commissioner of health, San Juan.

Division of property and accounts:
 F. D. McCown, chief, San Juan.

Division of sanitary engineering:
 Antonio Romero Moreno, sanitary engineer, San Juan.

Bacteriological laboratory:
 F. J. Hernández, M. D., director, San Juan.

Chemical laboratory:
 R. del Valle Sárraga, chemist, director, San Juan.

Division of transmissible diseases and statistics:
 J. A. Diaz, M. D., chief, San Juan.

Appropriations for fiscal year ended June 30, 1918:

Department of health (proper), salaries and contingent expenses....	\$177,550.00
Leper colony.....	13,669.50
Quarantine hospital.....	2,452.00
Mosquito extermination.....	25,000.00
Suppression of anemia.....	8,000.00
Emergency fund for control and suppression of epidemics (new appropriation of \$20,000, plus unexpended balance previous year).	30,545.59
Suppression of measles (unexpended balance from previous year)...	32,872.22
Trust funds for control and suppression of epidemics (fines for violations of sanitary regulations)	1,592.25
Care of tuberculosis patients.....	25,000.00
Education and support of poor deaf-mute children.....	1,200.00
Girls' charity school, by transfer of this institution to this department, Feb. 1, 1918.....	21,052.66
Boys' charity school, by transfer of this institution to this department, Feb. 1, 1918.....	33,771.65
	372,765.87

Publication issued by health department:
 Annual report.

RHODE ISLAND.

Board of health:
 R. Morton Smith, M. D., president, Riverpoint.
 Alexander B. Briggs, M. D., Ashaway.
 Thomas J. McLaughlin, M. D., Woonsocket.
 Norman M. MacLeod, M. D., Newport.
 William F. Williams, M. D., Bristol.
 Joseph M. Bennett, M. D., Providence.
 M. S. Budlong, M. D., Providence.

Executive health officer:
 B. U. Richards, M. D., secretary State board of health and State registrar, State House, Providence.

Pathologist:
 Lester A. Rounds, Providence.

Chemist:
 Stephen DeM. Gage, Providence.

Appropriations for fiscal year ended Dec. 31, 1918:

State board of health.....	\$13,000
Pathological laboratory.....	13,000
Chemical laboratory.....	9,000
	35,000

RHODE ISLAND—Continued.

Publications issued by health department:
 Quarterly bulletin.
 Annual report of births, deaths, and marriages.
 Annual report of State board of health.

SOUTH CAROLINA.

Executive committee, board of health:
 Robert Wilson, jr., M. D., chairman, Charleston.
 B. D. Frontis, M. D., Ridge Spring.
 C. C. Gambrell, M. D., Abbeville.
 E. A. Hines, M. D., Seneca.
 W. J. Burdell, M. D., Lugoff.
 Wm. Egleston, M. D., Hartsville.
 W. M. Lester, M. D., Columbia.
 W. W. Dodson, Ph. G., Greenville.
 Thos. H. Peoples, attorney general, Columbia.
 C. W. Sawyer, comptroller general, Columbia.

Executive health officer:
 James A. Hayne, M. D., State health officer, Columbia.

Laboratories:
 F. A. Coward, M. D., director, Columbia.

Vital statistics bureau:
 James A. Hayne, M. D., State registrar, Columbia.

Appropriations for fiscal year ending Dec. 31, 1918:

Salaries (specific).....	\$8,656.25
Contagious diseases.....	20,000.00
Vital statistics.....	6,000.00
Intensive county health work.....	14,500.00
Tuberculosis.....	47,000.00
Educational pamphlets.....	1,000.00
Miscellaneous.....	5,085.58
	<hr/>
	102,241.83

Publication issued by health department:
 Annual report.

SOUTH DAKOTA.

Board of health and medical examiners:
 H. R. Kenaston, M. D., president, Bonesteel.
 C. E. McCauley, M. D., vice president, Aberdeen.

C. A. Bower, M. D., Mitchell.
 A. S. Jackson, M. D., Lead.
 P. B. Jenkins, M. D., superintendent, Waubay.

Executive health officer:
 Park B. Jenkins, M. D., superintendent, Waubay.

Laboratory:
 Mortimer Herzberg, M. D., director, Vermilion.

Appropriations for fiscal year ending July 1, 1918:

Superintendent's salary.....	\$2,000
Assistant superintendent's salary.....	900
Printing and necessary publications....	1,000
Office maintenance, stationery, equipment, clerical work, special assistance, traveling expenses, incidentals.....	4,000
Per diem, mileage, and expense, 4 members.....	1,500
Antitoxin and biological products.....	1,500
	<hr/>
	10,900

Publications issued by health department:
 Quarterly bulletin:
 Mothers' book.
 Biennial report.

TENNESSEE.

Board of health:
 E. M. Sanders, M. D., president, Nashville.
 W. J. Miller, M. D., vice president, Johnson City.
 V. A. Biggs, M. D., Martin.
 H. K. Bryson, Nashville.

Executive health officer:
 Olin West, M. D., secretary State board of health, Nashville.

Registrar of vital statistics:
 Olin West, M. D. (acting), Nashville.

Director of rural sanitation:
 E. L. Bishop, M. D. (acting), Nashville.

Bacteriologist:
 Wm. Litterer, M. D., Nashville.

Pure food and drug inspector:
 Harry L. Eskew, Nashville.

Appropriations for biennial period ending Mar. 19, 1919:

Laboratory.....	\$6,000
Epidemic fund.....	7,500
Vital statistics.....	16,000
Rural sanitation.....	20,000
Office expenses.....	2,000
Salaries.....	9,000
	<hr/>
	60,500

Other sources of revenue:
 International health commission, rural sanitation, \$20,000.
 Individual counties, rural sanitation, varying sums.

TEXAS.

Board of health:
 W. B. Collins, M. D., president, Austin.
 L. W. Hollis, M. D., Abilene.
 L. M. Weinfield, M. D., San Antonio.
 B. E. Knolle, M. D., Industry.
 T. B. Fisher, M. D., Dallas.
 H. J. Childress, M. D., Gilmer.
 E. M. Wood, M. D., Hutto.

Executive health officer:
 W. B. Collins, M. D., State health officer, Austin.

Registrar of vital statistics and secretary State board of health:
 W. A. Davis, M. D., Austin.

Chemist and bacteriologist:
 G. M. Graham, M. D., Austin.

Quarantine department:

Sanitary engineer:
 V. M. Ehlers, Austin.

Department of rural sanitation:
 P. W. Covington, M. D., Austin.

Bureau of venereal diseases:
 H. C. Hall, M. D., Austin.

Appropriation for biennial period ending Aug. 31, 1919.....

Special appropriation for rural sanitation..	\$200,840
Special appropriation for bureau of vital statistics.....	70,000
Establishment of leper colony.....	8,000
	<hr/>
	25,000
	<hr/>
	303,840

Publication issued by health department:
 Biennial report.

UTAH.

Board of health:

Fred Stauffer, M. D., president, Salt Lake City.
 T. B. Beatty, M. D., secretary, Salt Lake City.
 H. K. Merrill, M. D., Logan.
 Ezra Rich, M. D., Ogden.
 C. E. McDermid, M. D., Winter Quarters.
 A. F. Doremus, C. E., Salt Lake City.
 F. S. Bascom, M. D., Salt Lake City.

Executive health officer:

T. B. Beatty, M. D., State health commissioner, Salt Lake City.

Appropriations for biennial period ending Mar. 31, 1919:

Salaries.....	\$12,800
Contingent expenses.....	10,000
Vital statistics.....	2,500
	<hr/>
	25,300

Publications issued by health department:

Quarterly bulletin.
 Biennial report.

Fiscal year ends Dec. 31.

VERMONT.

Board of health:

Charles S. Caverly, M. D., president, Rutland
 F. Thomas Kiddar, M. D., treasurer, Woodstock.
 Charles F. Dalton, M. D., secretary, Burlington.

Executive health officer:

Charles F. Dalton, M. D., secretary State board of health, Burlington.

Laboratory of hygiene:

B. H. Stone, M. D., director, Burlington.

Sanitary engineer:

Prof. J. W. Votey, Burlington.

Sanitary inspector:

Henri L. Pache, M. D., Burlington.

Appropriations for fiscal year ending June 30, 1919:

Salaries and personal expenses.....	\$9,750
Office expenses.....	2,700
Diphtheria antitoxin.....	3,750
Tuberculosis.....	2,000
Health officers' school.....	5,200
Other expenses.....	1,100
Laboratory of hygiene.....	17,500
	<hr/>
	42,000

Other source of revenue:

Private donation for study and treatment of infantile paralysis.

Publications issued by health department:

Quarterly bulletin.
 Biennial report.

VIRGINIA.

Board of health:

W. M. Smith, M. D., president, Alexandria.
 S. W. Hobson, M. D., vice president, Newport News.
 J. B. Fisher, M. D., secretary, Midlothian.
 W. W. Baker, Hallsboro.
 A. G. Crockett, M. D., Max Meadows.
 W. F. Drewry, M. D., Petersburg.
 T. C. Firebaugh, M. D., Harrisonburg.
 Guy R. Harrison, D. D. S., Richmond.
 Lewis E. Harvie, M. D., Danville.
 George B. Lawson, M. D., Roanoke.

VIRGINIA—Continued.

Board of health—Continued.

Edward McGuire, M. D., Richmond.
 L. T. Royster, M. D., Norfolk.
 Beverly R. Tucker, M. D., Richmond.
 Reid White, M. D., Lexington.

Executive health officer:

Ennion G. Williams, M. D., State health commissioner, Richmond.

Assistant health commissioner:

W. A. Brumfield, M. D., Richmond.

Registrar of vital statistics:

W. A. Plecker, M. D., Richmond.

Bacteriologist:

J. O. Fitzgerald, jr., M. D., Richmond.

Sanitary engineer:

Richard Messer, C. E., Richmond.

Director of publicity:

Douglas S. Freeman, Ph. D., Richmond.

Appropriations for fiscal year ended Feb. 28, 1918:

State board of health.....	\$35,000
Vital statistics.....	6,200
Publicity.....	1,000
Investigation of communicable diseases.....	5,000
Trachoma hospital at Coeburn.....	1,200
Community sanitation for rural sections.....	7,200
Tuberculosis educational work.....	5,000
	<hr/>
	60,600

Other source of revenue:

Fees for hotel inspections..... \$1,688.70

Publications issued by health department:

Monthly bulletin.
 Annual report.

WASHINGTON.

Board of health:

J. R. Brown, M. D., president, Tacoma.
 F. R. Hedges, M. D., Everett.
 H. H. McCarthy, M. D., Spokane.
 Mrs. R. C. McCredie, Sunnyside.
 E. F. Benson, commissioner of agriculture, Olympia.

Executive health officer:

T. D. Tuttle, M. D., State commissioner of health, Seattle.

Epidemiologist:

J. E. Henry, M. D., Seattle.

Bacteriologist:

Miss Mae E. Larkin, Seattle.

Sanitary inspector:

T. R. Wilber, Seattle.

Appropriations for biennial period ending Mar. 31, 1919:

Salaries.....	\$31,200
Supplies, material, and service.....	20,410
	<hr/>
	51,610

Fiscal year ends Mar. 31.

Publication issued by health department:
 Biennial report.

WEST VIRGINIA.

Public health council:

S. L. Jepson, M. D., commissioner of health, Charleston.
 J. L. Pyle, M. D., Chester.
 Hubert E. Gaynor, M. D., Parkersburg.

WEST VIRGINIA—Continued.

Public health council—Continued.

- W. T. Henshaw, M. D., Martinsburg.
- Edward H. Thompson, Bluefield.
- Vincent T. Churchman, M. D., Charleston.

Executive health officer:

S. L. Jepson, M. D., commissioner of health, Charleston.

Division of preventable diseases:

R. W. E. Cole, M. D., G. P. H., director, Charleston.

Division of sanitary engineering:

Mayo Tolman, B. S., director, Charleston.

Hygienic laboratory:

Appropriations for fiscal year ending June 30, 1919:

For general use.....	\$30,000
Salary of commissioner.....	3,000
Office rent.....	1,200
	34,200

Other sources of revenue:

Fees from granting certificates to practice medicine.

Fees from laboratory work for private individuals.

Publications issued by health department:

Quarterly bulletin.

Annual report.

WISCONSIN.

Board of health:

- W. F. Whyte, M. D., president, Madison.
- C. A. Harper, M. D., State health officer, Madison.
- E. S. Hayes, M. D., Eau Claire.
- C. H. Sutherland, M. D., Janesville.
- C. A. Richards, M. D., Rhineland.
- Otho Fiedler, M. D., Sheboygan.
- J. M. Furstman, M. D., La Crosse.

WISCONSIN—Continued.

Executive health officer:

C. A. Harper, M. D., State health officer, Madison.

Division of general administration:

C. A. Harper, M. D., director, Madison.

Bureau of vital statistics:

L. W. Hutcheroff, chief statistician, Madison.

Bureau of education:

Louis W. Bridgman, chief clerk, Madison.

Laboratory of hygiene:

W. D. Stovall, M. D., bacteriologist and director, Madison.

Appropriations for fiscal year ended June 30, 1918:

General administration.....	\$35,000
Emergency appropriation for epidemics.....	7,500
Branch laboratory and State cooperative laboratories.....	7,950
Prevention of infantile blindness.....	1,500
Water survey.....	3,000
Licensing of embalmers, hotels and restaurants, plumbers, and barbers..	40,041
	94,991

Publications issued by health department:

Quarterly bulletin.

Biennial report.

WYOMING.

Board of health:

- C. Y. Beard, M. D.**, secretary, Cheyenne.
- Herbert T. Harris, M. D.**, Basin.
- Anna G. Hurd, M. D.**, Sheridan.

Executive health officer:

C. Y. Beard, M. D., secretary State board of health, Cheyenne.

Appropriations for fiscal year ending Mar. 31, 1919:

State board of health.....	\$7,250
Vital statistics.....	500
	1,750

Publication issued by health department:

Biennial report.

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 OCT. 12.

<p style="text-align: center;">CAMP BEAUREGARD ZONE, LA.</p> <table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left;">Influenza:</th> <th style="text-align: right;">Cases.</th> </tr> </thead> <tbody> <tr><td>Alexandria</td><td style="text-align: right;">631</td></tr> <tr><td>Pineville</td><td style="text-align: right;">186</td></tr> <tr><td>Ball</td><td style="text-align: right;">4</td></tr> <tr><td>Tioga</td><td style="text-align: right;">1</td></tr> <tr><td>Rural district</td><td style="text-align: right;">44</td></tr> <tr><td colspan="2">Malaria:</td></tr> <tr><td>Alexandria</td><td style="text-align: right;">5</td></tr> <tr><td>Pineville</td><td style="text-align: right;">2</td></tr> <tr><td>Rural district</td><td style="text-align: right;">4</td></tr> <tr><td colspan="2">Pneumonia:</td></tr> <tr><td>Alexandria</td><td style="text-align: right;">3</td></tr> <tr><td colspan="2">Typhoid fever:</td></tr> <tr><td>Pineville</td><td style="text-align: right;">1</td></tr> </tbody> </table> <p style="text-align: center;">CAMP BOWIE ZONE, TEX.</p> <table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left;">Fort Worth:</th> <th style="text-align: right;">Cases.</th> </tr> </thead> <tbody> <tr><td>Chancroid</td><td style="text-align: right;">1</td></tr> <tr><td>Chicken pox</td><td style="text-align: right;">5</td></tr> <tr><td>Diphtheria</td><td style="text-align: right;">3</td></tr> <tr><td>Gonorrhoea</td><td style="text-align: right;">24</td></tr> <tr><td>Influenza</td><td style="text-align: right;">316</td></tr> <tr><td>Mumps</td><td style="text-align: right;">3</td></tr> <tr><td>Pneumonia</td><td style="text-align: right;">50</td></tr> <tr><td>Scarlet fever</td><td style="text-align: right;">2</td></tr> <tr><td>Smallpox</td><td style="text-align: right;">1</td></tr> <tr><td>Syphilis</td><td style="text-align: right;">9</td></tr> <tr><td>Trachoma</td><td style="text-align: right;">1</td></tr> <tr><td>Typhoid fever</td><td style="text-align: right;">5</td></tr> </tbody> </table> <p style="text-align: center;">BREMERTON ZONE, WASH.</p> <table border="0" style="width: 100%;"> <tbody> <tr><td>Influenza</td><td style="text-align: right;">12</td></tr> <tr><td>Whooping cough</td><td style="text-align: right;">2</td></tr> </tbody> </table> <p style="text-align: center;">CAMP DEVENS ZONE, MASS.</p> <table border="0" style="width: 100%;"> <tbody> <tr><td colspan="2">Cerebrospinal meningitis:</td></tr> <tr><td>Ayer</td><td style="text-align: right;">1</td></tr> <tr><td colspan="2">Influenza:</td></tr> <tr><td>Ayer</td><td style="text-align: right;">24</td></tr> <tr><td>Lancaster</td><td style="text-align: right;">22</td></tr> <tr><td>Lunenburg</td><td style="text-align: right;">4</td></tr> <tr><td>Pepperell</td><td style="text-align: right;">3</td></tr> </tbody> </table>	Influenza:	Cases.	Alexandria	631	Pineville	186	Ball	4	Tioga	1	Rural district	44	Malaria:		Alexandria	5	Pineville	2	Rural district	4	Pneumonia:		Alexandria	3	Typhoid fever:		Pineville	1	Fort Worth:	Cases.	Chancroid	1	Chicken pox	5	Diphtheria	3	Gonorrhoea	24	Influenza	316	Mumps	3	Pneumonia	50	Scarlet fever	2	Smallpox	1	Syphilis	9	Trachoma	1	Typhoid fever	5	Influenza	12	Whooping cough	2	Cerebrospinal meningitis:		Ayer	1	Influenza:		Ayer	24	Lancaster	22	Lunenburg	4	Pepperell	3	<p style="text-align: center;">CAMP DIX ZONE, N. J.</p> <table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left;">Diphtheria:</th> <th style="text-align: right;">Cases.</th> </tr> </thead> <tbody> <tr><td>Pemberton Township</td><td style="text-align: right;">2</td></tr> <tr><td colspan="2">Influenza:</td></tr> <tr><td>Pemberton Township</td><td style="text-align: right;">44</td></tr> <tr><td>Springfield Township</td><td style="text-align: right;">1</td></tr> <tr><td colspan="2">Typhoid fever:</td></tr> <tr><td>Pemberton Township</td><td style="text-align: right;">1</td></tr> </tbody> </table> <p style="text-align: center;">CAMP DODGE ZONE, IOWA.</p> <table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left;">Des Moines:</th> <th style="text-align: right;">Cases.</th> </tr> </thead> <tbody> <tr><td>Diphtheria</td><td style="text-align: right;">18</td></tr> <tr><td>Influenza</td><td style="text-align: right;">545</td></tr> <tr><td>Smallpox</td><td style="text-align: right;">1</td></tr> <tr><td>Scarlet fever</td><td style="text-align: right;">11</td></tr> </tbody> </table> <p style="text-align: center;">CAMP DONIPHAN ZONE, OKLA.</p> <table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left;">Lawton:</th> <th style="text-align: right;">Cases.</th> </tr> </thead> <tbody> <tr><td>Chancroid</td><td style="text-align: right;">1</td></tr> <tr><td>Diphtheria</td><td style="text-align: right;">1</td></tr> <tr><td>Gonorrhoea</td><td style="text-align: right;">3</td></tr> <tr><td>Influenza</td><td style="text-align: right;">13</td></tr> <tr><td>Pneumonia</td><td style="text-align: right;">1</td></tr> </tbody> </table> <p style="text-align: center;">CAMP EBERTS ZONE, ARK.</p> <table border="0" style="width: 100%;"> <tbody> <tr><td colspan="2">Erysipelas:</td></tr> <tr><td>Lonoke</td><td style="text-align: right;">1</td></tr> <tr><td colspan="2">German measles:</td></tr> <tr><td>Lonoke, R. F. D.</td><td style="text-align: right;">1</td></tr> <tr><td colspan="2">Gonorrhoea:</td></tr> <tr><td>Keo</td><td style="text-align: right;">1</td></tr> <tr><td>Scott</td><td style="text-align: right;">2</td></tr> <tr><td colspan="2">Influenza:</td></tr> <tr><td>Allport</td><td style="text-align: right;">8</td></tr> <tr><td>Austin</td><td style="text-align: right;">9</td></tr> <tr><td>Austin, Route 1</td><td style="text-align: right;">2</td></tr> <tr><td>Cabot</td><td style="text-align: right;">57</td></tr> <tr><td>Cabot, route 1</td><td style="text-align: right;">7</td></tr> <tr><td>Cabot, R. F. D.</td><td style="text-align: right;">2</td></tr> <tr><td>Carlisle</td><td style="text-align: right;">32</td></tr> <tr><td>Carlisle, R. F. D.</td><td style="text-align: right;">3</td></tr> <tr><td>Coy</td><td style="text-align: right;">6</td></tr> <tr><td>England</td><td style="text-align: right;">126</td></tr> </tbody> </table>	Diphtheria:	Cases.	Pemberton Township	2	Influenza:		Pemberton Township	44	Springfield Township	1	Typhoid fever:		Pemberton Township	1	Des Moines:	Cases.	Diphtheria	18	Influenza	545	Smallpox	1	Scarlet fever	11	Lawton:	Cases.	Chancroid	1	Diphtheria	1	Gonorrhoea	3	Influenza	13	Pneumonia	1	Erysipelas:		Lonoke	1	German measles:		Lonoke, R. F. D.	1	Gonorrhoea:		Keo	1	Scott	2	Influenza:		Allport	8	Austin	9	Austin, Route 1	2	Cabot	57	Cabot, route 1	7	Cabot, R. F. D.	2	Carlisle	32	Carlisle, R. F. D.	3	Coy	6	England	126
Influenza:	Cases.																																																																																																																																																
Alexandria	631																																																																																																																																																
Pineville	186																																																																																																																																																
Ball	4																																																																																																																																																
Tioga	1																																																																																																																																																
Rural district	44																																																																																																																																																
Malaria:																																																																																																																																																	
Alexandria	5																																																																																																																																																
Pineville	2																																																																																																																																																
Rural district	4																																																																																																																																																
Pneumonia:																																																																																																																																																	
Alexandria	3																																																																																																																																																
Typhoid fever:																																																																																																																																																	
Pineville	1																																																																																																																																																
Fort Worth:	Cases.																																																																																																																																																
Chancroid	1																																																																																																																																																
Chicken pox	5																																																																																																																																																
Diphtheria	3																																																																																																																																																
Gonorrhoea	24																																																																																																																																																
Influenza	316																																																																																																																																																
Mumps	3																																																																																																																																																
Pneumonia	50																																																																																																																																																
Scarlet fever	2																																																																																																																																																
Smallpox	1																																																																																																																																																
Syphilis	9																																																																																																																																																
Trachoma	1																																																																																																																																																
Typhoid fever	5																																																																																																																																																
Influenza	12																																																																																																																																																
Whooping cough	2																																																																																																																																																
Cerebrospinal meningitis:																																																																																																																																																	
Ayer	1																																																																																																																																																
Influenza:																																																																																																																																																	
Ayer	24																																																																																																																																																
Lancaster	22																																																																																																																																																
Lunenburg	4																																																																																																																																																
Pepperell	3																																																																																																																																																
Diphtheria:	Cases.																																																																																																																																																
Pemberton Township	2																																																																																																																																																
Influenza:																																																																																																																																																	
Pemberton Township	44																																																																																																																																																
Springfield Township	1																																																																																																																																																
Typhoid fever:																																																																																																																																																	
Pemberton Township	1																																																																																																																																																
Des Moines:	Cases.																																																																																																																																																
Diphtheria	18																																																																																																																																																
Influenza	545																																																																																																																																																
Smallpox	1																																																																																																																																																
Scarlet fever	11																																																																																																																																																
Lawton:	Cases.																																																																																																																																																
Chancroid	1																																																																																																																																																
Diphtheria	1																																																																																																																																																
Gonorrhoea	3																																																																																																																																																
Influenza	13																																																																																																																																																
Pneumonia	1																																																																																																																																																
Erysipelas:																																																																																																																																																	
Lonoke	1																																																																																																																																																
German measles:																																																																																																																																																	
Lonoke, R. F. D.	1																																																																																																																																																
Gonorrhoea:																																																																																																																																																	
Keo	1																																																																																																																																																
Scott	2																																																																																																																																																
Influenza:																																																																																																																																																	
Allport	8																																																																																																																																																
Austin	9																																																																																																																																																
Austin, Route 1	2																																																																																																																																																
Cabot	57																																																																																																																																																
Cabot, route 1	7																																																																																																																																																
Cabot, R. F. D.	2																																																																																																																																																
Carlisle	32																																																																																																																																																
Carlisle, R. F. D.	3																																																																																																																																																
Coy	6																																																																																																																																																
England	126																																																																																																																																																

CAMP EBERTS ZONE, ARK.—continued.

Influenza—Continued.	Cases.
England, route 1.....	2
England, route 2.....	1
Jacksonville, route 1.....	4
Keo.....	22
Kerr.....	11
Kerr, route 1.....	2
Lonoke.....	331
Lonoke, R. F. D.....	6
Lonoke, route 1.....	20
Lonoke, route 3.....	5
Lonoke, route 4.....	1
Scott.....	2
Tomberlin.....	9
Ward.....	27
Malaria:	
Cabot.....	3
Cabot, R. F. D.....	2
Keo.....	3
Ward.....	3
Mumps:	
Cabot.....	1
Kerr.....	1
Pneumonia:	
England.....	1
Lonoke.....	2
Lonoke, route 1.....	1
Smallpox:	
England.....	2
Syphilis:	
England.....	1
CAMP FUNSTON ZONE, KANS.	
Diphtheria:	
Manhattan.....	1
Diphtheria carriers:	
Junction City.....	1
Gonorrhoea:	
Manhattan.....	4
Junction City.....	2
Influenza:	
Manhattan.....	84
Junction City.....	97
Flush.....	1
Riley.....	16
Stockdale.....	7
Leonardville.....	1
Army City.....	3
Cleburne.....	4
Ogden.....	10
Measles:	
Manhattan.....	5
Junction City.....	2
Mumps:	
Manhattan.....	2
Pneumonia:	
Manhattan.....	4
Junction City.....	1
Smallpox:	
Alta Vista.....	3
Syphilis:	
Junction City.....	2
Whooping cough:	
Manhattan.....	1

GAS AND FLAME SCHOOL ZONE, GA.

Gonorrhoea:	Cases.
Columbus.....	15
Muscogee County.....	2
Influenza:	
Columbus.....	450
Muscogee County.....	149
Bibb City.....	69
City View.....	1
Girard.....	37
La grippe:	
Columbus.....	20
Muscogee County.....	3
Bibb City.....	1
Malaria:	
Columbus.....	7
Muscogee County.....	2
Bibb City.....	1
Pellagra:	
Columbus.....	2
City View.....	1
Pneumonia:	
Columbus.....	3
Bibb City.....	1
Syphilis:	
Columbus.....	4
Muscogee County.....	3
Tuberculosis:	
Columbus.....	1
Typhoid fever:	
Columbus.....	2
Muscogee County.....	3

CAMP GORDON ZONE, GA.

Diphtheria:	
Atlanta.....	11
Gonorrhoea:	
Atlanta.....	46
Influenza:	
Atlanta.....	836
Chamblee.....	2
Tucker.....	6
Measles:	
Tucker.....	3
Mumps:	
Atlanta.....	3
Pneumonia:	
Atlanta.....	5
Scarlet fever:	
Atlanta.....	8
Lakewood Heights.....	1
Septic sore throat:	
Atlanta.....	1
Syphilis:	
Atlanta.....	18
Typhoid fever:	
Atlanta.....	1

CAMP GREENE ZONE, N. C.

Charlotte Township:	
Chancroid.....	2
Diphtheria.....	2
Gonorrhoea.....	16

CAMP GREENE ZONE, N. C.—continued.

Charlotte Township—Continued.	Cases.
Influenza.....	798
Measles.....	1
Scarlet fever.....	4
Syphilis.....	11
Whooping cough.....	1
Crab Orchard Township:	
Influenza.....	5

GULFPORT HEALTH DISTRICT, MISS.

Chancroid.....	4
Diphtheria.....	1
Dysentery.....	1
Gonorrhoea.....	7
Influenza.....	1,161
Malaria.....	10
Mumps.....	2
Pneumonia.....	20
Syphilis.....	1
Tuberculosis.....	1
Typhoid fever.....	1
Whooping cough.....	2

CAMP HANCOCK ZONE, GA.

Augusta:	
Diphtheria.....	2
Influenza.....	371
Malaria.....	3
Mumps.....	1
Pneumonia.....	12
Tuberculosis.....	1

CAMP HUMPHREYS ZONE, VA.

Alexandria:	
Influenza.....	602
Pneumonia.....	32

CAMP JACKSON ZONE, S. C.

Columbia:	
Influenza.....	4,427
U. S. Government Clinic:	
Gonorrhoea.....	2
Syphilis.....	13

CAMP JOSEPH E. JOHNSTON ZONE, FLA.

Diphtheria:	
Panama.....	1
Gonorrhoea:	
Jacksonville.....	10
Influenza:	
Jacksonville.....	2,749
Grand Crossing.....	31
Orange Park.....	12
Fishers Corner.....	35
North Springfield.....	9
Lackawanna.....	88
Murray Hill.....	7
Panama.....	11
Lem Turner Road.....	2
Pneumonia:	
Grand Crossing.....	33
Orange Park.....	1
Fishers Corner.....	2

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

Pneumonia—Continued.	Cases.
Lackawanna.....	1
Lem Turner Road.....	1
Grand Park.....	16
Trachoma:	
Lackawanna.....	3
Syphitis:	
Jacksonville.....	3
North Springfield.....	1

FORT LEAVENWORTH ZONE, KANS.

Leavenworth:	
Diphtheria.....	2
Diphtheria carriers.....	6
Gonorrhoea.....	7
Influenza.....	45
Measles.....	1
Leavenworth County:	
Cerebrospinal meningitis.....	1
Gonorrhoea.....	2
Influenza.....	57
Typhoid fever.....	3

CAMP LEE ZONE, VA.

Petersburg:	
Gonorrhoea.....	2
Influenza.....	2,492
Pneumonia.....	225
Scarlet fever.....	1
Syphilis.....	3

CAMP LEWIS ZONE, WASH.

Chicken pox:	
Parkland.....	11
Influenza:	
Lakeview.....	2
Parkland.....	3
American Lake.....	1
Dupont.....	1
Stellacoom.....	2
Pneumonia:	
Parkland.....	1

CAMP LOGAN ZONE, TEX.

Houston:	
Gonorrhoea.....	14
Influenza.....	125
Pneumonia.....	4
Syphilis.....	2
United States Government clinic:	
Chancroid.....	1
Gonorrhoea.....	2
Syphilis.....	5

CAMP MACARTHUR ZONE, TEX.

Waco:	
Gonorrhoea.....	20
Influenza.....	263
La grippe.....	18
Pneumonia.....	3
Syphilis.....	11

CAMP M'CLELLAN ZONE, ALA.

Chicken pox:	
Anniston.....	1
Diphtheria:	
Blue Mountain.....	1

CAMP M'CLELLAN ZONE, ALA.—continued.

	Cases.
Gonorrhoea:	
Anniston.....	5
Influenza:	
Anniston.....	515
Precinct 12.....	17
Precinct 19.....	1
Precinct 2.....	25
Precinct 22.....	6
Precinct 3.....	27
Precinct 14.....	1
Jacksonville.....	1
Blue Mountain.....	16
Measles:	
Anniston.....	2
Pneumonia:	
Anniston.....	2
Scarlet fever:	
Anniston.....	3
Syphilis:	
Anniston.....	1
Typhoid fever:	
Anniston.....	1
Precinct 2.....	1
NEW LONDON SANITARY DISTRICT, CONN.	
Diphtheria:	
New London.....	7
Jewett City.....	2
Gonorrhoea:	
Groton Borough.....	2
Influenza:	
New London.....	146
Groton Borough.....	32
Voluntown.....	11
Grotontown.....	96
Stonington.....	79
Old Lyme.....	22
Griswold.....	27
Preston.....	3
Waterford.....	6
Lyme.....	2
Colchester.....	4
Jewett City Borough.....	232
Norwich.....	28
Pneumonia:	
New London.....	15
Groton Borough.....	11
Norwich.....	8
Voluntown.....	2
Jewett City.....	1
Griswold.....	1
Tuberculosis:	
Preston.....	1
Typhoid fever:	
New London.....	1
FORT OGLETHORPE ZONE, GA. AND TENN.	
Gonorrhoea:	
Chattanooga.....	13
St. Elmo.....	1
Fast Chattanooga.....	1
Signal Mountain.....	1
Chickamauga, Ga.....	1
Influenza:	
Chattanooga.....	530
East Lake.....	274
St. Elmo.....	31

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

	Cases.
Influenza—Continued.	
North Chattanooga.....	5
Alton Park.....	23
Rossville.....	11
Rockspring.....	6
Malaria:	
Chattanooga.....	1
Pneumonia:	
Chattanooga.....	3
Scarlet fever:	
Chattanooga.....	2
North Chattanooga.....	1
Syphilis:	
Chattanooga.....	17
St. Elmo.....	7
Alton Park.....	11
Typhoid fever:	
Chattanooga.....	1
Whooping cough:	
Chattanooga.....	4
PICRIC ACID PLANT ZONE, GA.	
Brunswick:	
Influenza.....	150
Pneumonia.....	5
CAMP PIKE ZONE, ARK.	
Chancroid:	
Little Rock.....	1
North Little Rock.....	1
Chicken pox:	
Little Rock.....	2
German measles:	
Little Rock.....	1
Gonorrhoea:	
Little Rock.....	4
Scotts.....	1
Influenza:	
Little Rock.....	3,557
North Little Rock.....	643
Scotts.....	14
Cabot.....	20
Jacksonville.....	29
Sweet Home.....	25
Rural district.....	11
Ophthalmia neonatorum:	
Little Rock.....	1
Pneumonia:	
Little Rock.....	88
North Little Rock.....	5
Scarlet fever:	
Little Rock.....	1
Syphilis:	
Scotts.....	1
Tuberculosis:	
Little Rock.....	1
Typhoid fever:	
Little Rock.....	4
PORTSMOUTH AND NORFOLK COUNTY HEALTH DISTRICT, VA.	
Gonorrhoea:	
Norfolk.....	6
Influenza:	
Portsmouth.....	1,800
Norfolk.....	1,509
Norfolk County.....	835

PORTSMOUTH AND NORFOLK COUNTY
HEALTH DISTRICT, VA.—contd.

Malaria:	Cases.
West Norfolk.....	1
Syphilis:	
Norfolk.....	3
Typhoid fever:	
South Norfolk.....	1

CAMP SEVIER ZONE, S. C.

Influenza:	
Greenville.....	1,615
Butler Township.....	30
Chicksprings Township.....	20
Bates Township.....	3
Malaria:	
Greenville.....	1
Pncumonia:	
Greenville.....	49
Butler Township.....	1
Typhoid fever:	
Greenville.....	1

CAMP SHELBY ZONE, MISS.

Influenza:	
Hattiesburg.....	188
Near Hattiesburg.....	39
Petal.....	1
McCallum.....	21
Harvey.....	1
Lagrippe:	
Hattiesburg.....	2
Malaria:	
Hattiesburg.....	1
Measles:	
Hattiesburg.....	1

CAMP SHERIDAN ZONE, ALA.

Montgomery:	
Chancroid.....	3
Gonorrhoea.....	2
Influenza.....	217
Measles.....	3
Scarlet fever.....	3
Montgomery County:	
Influenza.....	3
U. S. Government clinic:	
Chancroid.....	2
Gonorrhoea.....	8
Syphilis.....	7

CAMP SHERMAN ZONE, OHIO.

Diphtheria:	
Chillicothe.....	1
Liberty Township.....	2
Scioto Township.....	2
Gonorrhoea:	
U. S. Government clinic.....	1
Influenza:	
Chillicothe.....	499
Hallsville.....	8
Bainbridge.....	7
Liberty Township.....	71
Harrison Township.....	4
Scarlet fever:	
Chillicothe.....	4
Typhoid fever:	
Chillicothe.....	1

CAMP ZACHARY TAYLOR ZONE, KY.

Chancroid:	Cases.
U. S. Government clinic.....	1
Chicken pox:	
Louisville.....	1
Diphtheria:	
Louisville.....	13
Jefferson County.....	3
New Albany, Ind.....	1
Gonorrhoea:	
U. S. Government clinic.....	13
Veneral clinic, county jail.....	11
Influenza:	
Louisville.....	2,125
Jefferson County.....	289
Jeffersonville, Ind.....	156
Floyd County, Ind.....	30
New Albany, Ind.....	1,020
Measles:	
Louisville.....	2
Jefferson County.....	3
New Albany, Ind.....	1
Mumps:	
Louisville.....	1
Pneumonia:	
Louisville.....	99
Jefferson County.....	4
New Albany, Ind.....	2
Clark County, Ind.....	1
Scarlet fever:	
Louisville.....	2
Jeffersonville, Ind.....	1
Syphilis:	
U. S. Government clinic.....	30
Veneral clinic, county jail.....	15
Tuberculosis, pulmonary:	
Louisville.....	12
Jefferson County.....	2
Typhoid fever:	
Louisville.....	2
Whooping cough:	
Louisville.....	1

CAMP TRAVIS ZONE, TEX.

San Antonio:	
Chancroid.....	3
Gonorrhoea.....	52
Influenza.....	861
Pneumonia.....	18
Scarlet fever.....	2
Smallpox.....	3
Syphilis.....	7
Tuberculosis.....	20
Typhoid fever.....	6

CAMP UPTON ZONE, N. Y.

Diphtheria:	
Riverhead.....	2
Pneumonia:	
Brookhaven.....	2
Tuberculosis:	
Brookhaven.....	3

VANCOUVER ZONE, WASH.

Pneumonia.....	1
Tuberculosis.....	1

CAMP WADSWORTH ZONE, S. C.

	Cases.
Spartanburg:	
Diphtheria.....	4
Influenza.....	188
Pellagra.....	2
Pneumonia.....	4
Spartanburg County:	
Influenza.....	43

CAMP WHEELER ZONE, GA.

Chancroid:	
U. S. Government clinic.....	4
Chicken pox:	
Macon.....	1
Gonorrhoea:	
Macon.....	1
U. S. Government clinic.....	24

CAMP WHEELER ZONE, GA.—continued.

	Cases.
Influenza:	
Macon.....	120
East Macon.....	7
Bibb County.....	25
Pellagra:	
Macon.....	1
Pneumonia:	
Macon.....	9
Scarlet fever:	
Macon.....	2
Syphilis:	
Macon.....	1
U. S. Government clinic.....	2
Tuberculosis:	
Macon.....	2
Bibb County.....	1

DISEASE CONDITIONS AMONG TROOPS IN THE UNITED STATES.¹

The following data are taken from telegraphic reports received in the office of the Surgeon General, United States Army, for the week ended October 4, 1918:

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

All troops.....	4,211.3
Divisional camps.....	3,370.1
Cantonments.....	5,526.8
Departmental and other troops.....	2,865.1

Noneffective rate per 1,000 on day of report:

All troops.....	97.79
Divisional camps.....	88.22

Noneffective rate per 1,000 on day of report—Continued.

Cantonments.....	123.84
Departmental and other troops.....	66.95

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

All troops.....	81.82
Divisional camps.....	39.09
Cantonments.....	122.39
Departmental and other troops.....	50.2

Cases of special diseases reported during the week ended Oct. 4, 1918.

Camp.	Pneumonia.	Dysentery.	Malaria.	Venereal diseases.		Influenza.	Measles.	Meningitis.	Scarlet fever.	Deaths.	Annual admission rate per 1,000 (disease only).	Noneffective per 1,000 on day of report.
				Total.	New infections.							
Beauregard.....	145		3	4	0	1,347				31	8,635.5	262.54
Bowie.....	10		1	143	3	1,596				2	8,400.6	153.01
Cody.....	1			5	0	30			1	1	1,193.1	79.97
Forrest.....				10	10						434.5	3.17
Fremont.....	2		1	14	3		51		0	1	759.0	43.81
Greene.....	17			34	5	504	5	1		8	3,075.8	53.03
Greenleaf.....	5			15	0	1,182	9			3	3,254.1	83.98
Hancock.....	118			102	6	1,857	15			14	2,251.5	97.61
Kearny.....	8		1	32	7	85				1	841.0	35.85
Logan.....	207			12	0	999	1		1	39	5,590.1	132.63
MacArthur.....	6		1	12	1	61	14			2	2,482.0	83.19
McClellan.....	9		3	50	5	151	61	1		7	1,892.0	48.44
Sevier.....	189		14	49	0	1,878	21		3	42	4,778.6	100.58
Shelby.....			3	11	8	134	9	1	0	0	1,525.2	102.52
Shridan.....	6			26	5	240	37			2	2,063.6	63.46
Syracuse.....	133			87	0	953				81	5,482.8	73.68
Wadsworth.....	72		1	29	2		1			5	4,223.3	127.09
Wheeler.....	9		1	11	0					2	1,732.6	53.37
Custer.....	207			75	4	3,829			1	36	6,563.8	117.63
Devens.....	413			46	4	2,329	15	10		252	3,417.1	103.82
Dix.....	908			603	2	900	6	2		371	2,401.9	72.27
Dodge.....	31			270	4	1,536	23	4		12	5,305.6	132.47
Eustis.....	1		3	1	0	563	4			11	3,304.6	59.78
Funston.....	231			264	2	5,330	52	1	1	42	6,012.6	120.98
Gordon.....	185		2	23	2	2,478	31	1		54	7,064.6	198.78
Grant.....	1,004			48	0	6,013	2			181	10,404.3	137.49

¹ Including Porto Rico.

Cases of special diseases reported during the week ended Oct. 4, 1918—Continued.

Camp.	Pneumonia.	Dysentery.	Malaria.	Venereal diseases.		Influenza.	Measles.	Meningitis.	Scarlet fever.	Deaths.	Annual admission rate per 1,000 (disease only).	Noneffective per 1,000 on day of report.
				Total.	New infections.							
Humphreys.....	312	1	6	0	0	2,514	11	.....	.....	49	5,686.7	100.91
Jackson.....	394	1	21	1	1	3,968	6	.....	.....	77	5,539.2	147.89
J. E. Johnston.....	16	4	46	8	8	560	14	.....	.....	13	3,706.5	81.89
Las Casas.....	.....	1	11	0	0	.....	25	.....	.....	0	910.4	44.79
Lee.....	543	.....	76	2	2	3,695	3	2	.....	196	5,300.0	155.69
Lewis.....	56	1	105	11	11	.....	18	1	1	11	1,439.9	56.84
Meade.....	399	.....	183	5	5	6,070	8	.....	.....	138	8,220.8	166.16
Pike.....	115	.....	437	2	2	6,730	41	1	1	71	8,922.4	183.72
Sherman.....	629	.....	27	3	3	4,307	11	.....	1	100	9,043.9	156.73
Taylor.....	470	.....	42	5	5	5,163	68	2	.....	58	3,137.9	132.84
Travis.....	17	.....	150	5	5	256	.....	.....	.....	2	2,477.1	69.57
Upton.....	443	.....	178	5	5	2,937	7	.....	1	93	5,235.4	97.89
Northeastern Department.....	22	.....	11	4	4	511	.....	.....	.....	53	3,644.1	94.29
Eastern Department.....	225	1	51	19	19	4,188	27	.....	.....	86	4,777.8	85.19
Southeastern Department.....	22	2	46	20	20	1,485	1	.....	.....	1	5,551.4	106.26
Central Department.....	139	.....	26	0	0	2,795	3	.....	6	36	5,282.1	82.94
Southern Department.....	48	14	113	27	27	.....	.....	.....	.....	5	2,309.3	52.09
Western Department.....	16	1	21	6	6	34	1	.....	.....	1	525.1	29.72
Aviation camps.....	106	.....	19	79	0	3,656	8	.....	.....	30	2,625.4	64.18
Ports of embarkation:												
Hoboken.....	379	2	1	81	26	2,412	84	2	.....	83	2,862.0	96.67
Newport News.....	45	5	10	67	5	1,264	4	.....	.....	9	3,775.9	120.17
Alcatraz Disciplinary Barracks.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0	1,112.2	24.06
Leavenworth Disciplinary Barracks.....	1	.....	1	0	0	3	.....	.....	.....	1	1,130.4	45.19
Jefferson Barracks.....	3	.....	7	4	4	6	.....	.....	.....	2	1,424.0	49.46
Columbus Barracks.....	9	.....	12	0	0	523	.....	.....	.....	0	6,523.3	153.67
Fort Logan.....	.....	.....	3	0	0	.....	.....	.....	.....	0	1,208.2	43.02
Fort McDowell.....	.....	.....	9	0	0	.....	.....	.....	.....	0	1,113.0	61.60
Fort Slocum.....	10	.....	16	3	3	241	.....	.....	.....	9	6,018.0	121.27
Fort Thomas.....	3	.....	5	0	0	139	.....	.....	.....	0	7,470.1	153.60
West Point.....	1	.....	.....	.....	.....	95	.....	.....	.....	1	3,418.8	63.62
Arsenals.....	310	.....	7	1	1	881	2	.....	.....	84	4,287.0	83.23
Miscellaneous small stations.....	.....	.....	1	0	0	45	.....	.....	.....	0	1,068.7	20.51
General hospitals.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	128	.....	.....
Total.....	8,655	8	89	3,800	235	88,478	699	27	17	2,537	4,211.3	97.79

Annual rate per 1,000 for special diseases.

Disease.	All troops in United States. ¹	Departmental and other troops. ¹	Divisional camps. ¹	Cantonments. ¹	Expeditionary forces. ²
Pneumonia.....	281.58	130.26	154.58	443.10	37.46
Dysentery.....	.26	.78	.....	.....	5.79
Malaria.....	2.80	4.57	4.78	.90	.64
Venereal.....	123.63	51.48	106.57	180.18	23.82
Paratyphoid.....	.03	.09	.....	.....	.63
Typhoid.....	.10	.26	.16	.....	.54
Measles.....	22.74	12.64	36.95	23.96	8.23
Meningitis.....	.86	.19	.40	1.53	1.73
Scarlet fever.....	.55	.58	.82	.41	1.15
Influenza.....	2,878.63	1,778.70	1,817.52	4,110.68	.....

¹ Week ended Oct. 4, 1918.² Week ended Sept. 26, 1918.

Annual death rate (disease only), all troops in United States and American Expeditionary Forces, France, for the week ending Sept. 27, 1918, 23.56 per 1,000.

CURRENT STATE SUMMARIES.

Telegraphic Reports for Week Ended Oct. 12, 1918.

Alabama.—Whole State. Typhoid fever, 9, malaria 9, smallpox 6, scarlet fever 13, diphtheria 20, cerebrospinal fever 2, influenza 23,284.

California.—Total of more than 10,000 cases of influenza now reported; of this number 2,500 in Los Angeles, 1,000 San Francisco, 500 Riverside County, 500 San Jose, 600 Long Beach, remainder well distributed over entire State; disease seems to be more virulent in smallest towns of northern Sacramento Valley than in any other part of State (Los Angeles: Reported October 14, 1,128 cases, with 11 deaths; total of 23 deaths since October 11. San Francisco: Twelve deaths since October 11. Dunsmuir: Six deaths since October 11). Nineteen cases typhoid fever, 14 smallpox, 1 poliomyelitis, 1 cerebrospinal meningitis.

Connecticut.—Cerebrospinal meningitis: Meriden City 1, Branford 1, Beacon Falls 2. Poliomyelitis: Hartford 1, Manchester 1.

Idaho.—Influenza cases reported by counties: Franklin 60, Cassia 28, Benewah 11, Ada 2, Canyon 18, Blaine 3, Latah 1, Bingham 12, Owyhee 1.

Illinois.—Diphtheria: Two hundred, of which in Carbon Cliff 20, Springfield 8, Chicago 125. Scarlet fever: Forty-nine, of which in Chicago 25. Smallpox: Seven. Poliomyelitis: One each Batavia, Macon, and Springfield. Influenza: Total 27,767, of which in Quincy 234, Charleston 600, Highland Park 972, Streator 800, Pontiac 250, Bloomington 258, Chillicothe 313, Peoria 695, Pekin 200, Rockford 963, Eureka 200, Chicago 7,722.

Iowa.—Chancroid: Burlington 1, Council Bluffs 1, Sioux City 2. Chicken pox: Dubuque 1, Red Oak 2, West Branch 4. Diphtheria: Boone 1, Consul 2, Council Bluffs 3, Des Moines 15, Dubuque 3, Hiteman 3, Iowa City 1, South Fort Des Moines 1. Gonorrhoea: Anita 1, Audubon 1, Battle Creek 2, Bogard 1, Burlington 9, Cedar Rapids 5, Clarion 1, Council Bluffs 7, Davenport 7, Dubuque 31, Keokuk 1, Marshalltown 1, Onawa 1, Oskaloosa 1, Ottumwa 1, Sjoux City 10, Spencer 3. Poliomyelitis: Dubuque 2. Scarlet fever: Cedar Rapids 1, Council Bluffs 5, Dallas Center 1, Des Moines 11, Dubuque 1, Fort Dodge 1, Lansing 3, Mason City 1, Ottumwa 1. Smallpox: Boone 1, Cedar Rapids 1, Chariton 1, Council Bluffs 6, Des Moines 1, Dubuque 5, Logan 1, Mason City 3, Milford 1, Strawberry Point 1. Syphilis: Cedar Rapids 1, Council Bluffs 1, Dubuque 18, Eagle Grove 1, Kingsley 1, Sioux City 3, Webb 1. In rural districts of following counties. Chicken pox: Montgomery 1. Diphtheria: Appanoose 1, Jones 1, Monroe 1. Gonorrhoea: Clay 1. Poliomyelitis: Monona 1, Muscatine 1. Scarlet fever: Decatur 1, Harrison 1, Jasper 1, Kossuth 2, Wapello 2, Washington 1. Smallpox: Clinton 5.

Kansas.—**Meningitis:** Leavenworth 1. **State totals:** Typhoid fever 28, smallpox 17, scarlet fever 37, influenza 10,569.

Reported by mail for preceding week (ended Oct. 5, 1918):

Cancer.....	1	Measles.....	6
Chancroid.....	1	Mumps.....	31
Chicken pox.....	15	Pneumonia.....	29
Diphtheria.....	34	Poliomyelitis.....	1
Dysentery.....	1	Scarlet fever.....	31
Erysipelas.....	1	Smallpox.....	13
Gonorrhoea.....	68	Syphilis.....	14
Impetigo contagiosa.....	3	Tuberculosis.....	29
Influenza.....	1,327	Typhoid fever.....	106
Malaria.....	2	Whooping cough.....	30

Louisiana.—Influenza 15,494, typhoid fever 27, diphtheria 14, smallpox 9.

Massachusetts.—Unusual prevalence. Diphtheria: Rockland 6. Lobar pneumonia: Amesbury 25, Attleboro 18, Boston 119, Danvers 22, Fall River 70, Fitchburg 46, Haverhill 103, Lee 23, Marion 7, North Attleboro 19, New Bedford 42, Springfield 61, Westfield 29, Worcester 117. Typhoid fever: Beverly 6.

Minnesota.—Smallpox (new foci): Nicolet County, Nicolet village, 2; Rock County, Laverne city, 1; Wabasha County, Minneask, Township, 1; Wright County, Cokato village, 1, Cokato Township, 1, French Lake Township, 1, St. Michael village, 1. Poliomyelitis 1 case, cerebrosplinal meningitis 2 cases, reported since October 7.

Nebraska.—Whooping cough: Hay Springs 15, Humphrey 4, also Scotts Bluff. Smallpox: Alliance —, Oakdale 2, Waco 2, Omaha 9. Typhoid fever: Scotts Bluff, Lincoln, Haigler, Oakdale, 1 each. Poliomyelitis: Haigler 1. Spanish influenza: Made reportable disease over entire State on October 8; epidemic entire State.

New Jersey.—Influenza only outbreak or unusual prevalence.

New York.—Outside of New York City. Diphtheria: Ninety, of which in Buffalo 28. Scarlet fever: One hundred and twenty three, of which in Dannemora 20. Typhoid fever: One hundred and three. Pneumonia: Four hundred and sixty-three. Influenza: General prevalence moving over State east to west.

North Carolina.—Whooping cough 124, measles, 64, diphtheria 60, scarlet fever 31, septic sore throat 15, smallpox 4, chicken pox 9, typhoid fever 69, meningitis 1.

Ohio.—Influenza: At least 60,000 cases in Ohio. Maximum intensity apparently not reached. Smallpox: Coshocton 16 cases. Diphtheria: Cincinnati 35 cases.

Washington.—No unusual outbreak of disease other than influenza as follows: By counties. Adams 15, Asotin 3, Benton 10, Chelan 70, Cowlitz 2, Clarke 500, Clallam 115, Franklin 5, Douglas 3, Grant 3, Grays Harbor 226, Jefferson 23, King—exclusive of Seattle—247,

(Seattle 3,500), Kitsap 1,038, Kittitas 21, Lewis 105, Lincoln 11, Pacific—epidemic, Pendoriel 35, Pierce—epidemic (Tacoma 115), Skamania—epidemic, Skagit 50, Snohomish—epidemic, Spokane—general outbreak (Spokane city 650), Thurston 180, Wahkiakum 9, Walla Walla 16, Bellingham (city) 77, Whitman 30, Yakima 20. This represents only a comparatively small proportion of actual cases. The disease is practically epidemic throughout the State.

CEREBROSPINAL MENINGITIS.

Cases Reported in Extra-Cantonment Zones, Week Ended Oct. 12, 1918.

	Cases.		Cases.
Camp Devens zone, Mass.....	1	Fort Leavenworth zone, Kans.....	1

City Reports for Week Ended Sept. 28, 1918.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Akron, Ohio.....	1		Passaic, N. J.....		1
Anniston, Ala.....	1		Philadelphia, Pa.....		1
Birmingham, Ala.....	1		Pittsburgh, Pa.....	1	
Bradford, Pa.....	1		Providence, R. I.....		1
Boston, Mass.....	3	2	Racine, Wis.....		1
Brookline, Mass.....	4	1	St. Louis, Mo.....	1	2
Buffalo, N. Y.....	1		San Francisco, Cal.....	1	
Chicago, Ill.....	5	2	Schenectady, N. Y.....	1	
Dallas, Tex.....	1		Seattle, Wash.....	1	
Greensboro, N. C.....		1	Shenandoah, Pa.....	1	
Little Rock, Ark.....	1	2	Springfield, Mass.....		1
Los Angeles, Cal.....	1		Springfield, Ohio.....	1	
Lynn, Mass.....	1	1	Tacoma, Wash.....	1	
McKees Rocks, Pa.....	1		Terre Haute, Ind.....		1
Nashville, Tenn.....		1	Topeka, Kans.....	1	1
New York, N. Y.....	6	4	Wilkes-Barre, Pa.....	1	

CHANCROID.

Cases Reported in Extra-Cantonment Zones, Week Ended Oct. 12, 1918.

	Cases.		Cases.
Camp Bowie zone, Tex.....	1	Camp Pike zone, Ark.....	2
Camp Doniphan zone, Okla.....	1	Camp Sheridan zone, Ala.....	5
Camp Greene zone, N. C.....	2	Camp Zachary Taylor zone, Ky.....	1
Gulfport health district, Miss.....	4	Camp Travis zone, Tex.....	3
Camp Logan zone, Tex.....	1		

DIPHTHERIA.

Cases Reported in Extra-Cantonment Zones, Week Ended Oct. 12, 1918.

	Cases.		Cases.
Camp Bowie zone, Tex.....	3	Camp Joseph E. Johnston zone, Fla.....	1
Camp Dix zone, N. J.....	2	Fort Leavenworth zone, Kans.....	2
Camp Dodge zone, Iowa.....	18	Camp McClellan zone, Ala.....	1
Camp Doniphan zone, Okla.....	1	New London sanitary district, Conn.....	9
Camp Funston zone, Kans.....	1	Camp Sherman zone, Ohio.....	5
Camp Gordon zone, Ga.....	11	Camp Zachary Taylor zone, Ky.....	22
Camp Greene zone, N. C.....	2	Camp Upton zone, N. Y.....	2
Gulfport health district, Miss.....	1	Camp Wadsworth zone, S. C.....	4
Camp Hancock zone, Ga.....	2		

See also Diphtheria, measles, scarlet fever, and tuberculosis, page 1801.

ERYSIPELAS.

City Reports for Week Ended Sept. 28, 1918.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Baltimore, Md.....		1	Newark, N. J.....	3	
Buffalo, N. Y.....	1		New York, N. Y.....		2
Chicago, Ill.....	11	3	Philadelphia, Pa.....	3	1
Cleveland, Ohio.....	2		Pontiac, Mich.....	1	
Duluth, Minn.....	1		Providence, R. I.....		1
Los Angeles, Cal.....	1		St. Louis, Mo.....	3	2
Manitowoc, Wis.....	1		Tacoma, Wash.....	1	
Minneapolis, Minn.....	1				

GONORRHEA.

Cases Reported in Extra-Cantonment Zones, Week Ended Oct. 12, 1918.

Cases.	Cases.
Camp Bowie zone, Tex.....	24
Camp Poniphan zone, Okla.....	3
Camp Eberts zone, Ark.....	3
Camp Funston zone, Kans.....	6
Gas and Flame School zone, Ga.....	17
Camp Gordon zone, Ga.....	46
Camp Greene zone, N. C.....	16
Gulfpport health district, Miss.....	7
Camp Jackson zone, S. C.....	3
Camp Joseph E. Johnston zone, Fla.....	10
Fort Leavenworth zone, Kans.....	9
Camp Lee zone, Va.....	2
Camp Logan zone, Tex.....	16
Camp MacArthur zone, Tex.....	20
Camp McClellan zone, Ala.....	5
New London sanitary district, Conn.....	2
Fort Oglethorpe zone, Ga. and Tenn.....	17
Camp Pike zone, Ark.....	5
Portsmouth and Norfolk County health district, Va.....	6
Camp Sheridan zone, Ala.....	10
Camp Sherman zone, Ohio.....	1
Camp Zachary Taylor zone, Ky.....	29
Camp Travis zone, Tex.....	52
Camp Wheeler zone, Ga.....	25

INFLUENZA.

Cases Reported in Extra-Cantonment Zones, Week Ended Oct. 12, 1918.

Cases.	Cases.
Camp Beauregard zone, La.....	866
Camp Bowie zone, Tex.....	316
Bremerton zone, Wash.....	12
Camp Devens zone, Mass.....	53
Camp Dix zone, N. J.....	45
Camp Dodge zone, Iowa.....	545
Camp Poniphan zone, Okla.....	13
Camp Eberts zone, Ark.....	695
Camp Funston zone, Kans.....	223
Gas and Flame School zone, Ga.....	730
Camp Gordon zone, Ga.....	844
Camp Greene zone, N. C.....	803
Gulfpport health district, Miss.....	1,161
Camp Hancock zone, Ga.....	371
Camp Humphreys zone, Va.....	602
Camp Jackson zone, S. C.....	4,427
Camp Joseph E. Johnston zone, Fla.....	2,944
Fort Leavenworth zone, Kans.....	102
Camp Lee zone, Va.....	2,492
Camp Lewis zone, Wash.....	9
Camp Logan zone, Tex.....	125
Camp MacArthur zone, Tex.....	281
Camp McClellan zone, Ala.....	609
New London sanitary district, Conn.....	688
Fort Oglethorpe zone, Ga. and Tenn.....	880
Picric Acid Plant zone, Ga.....	150
Camp Pike zone, Ark.....	4,299
Portsmouth and Norfolk County health district, Va.....	4,144
Camp Sevier zone, S. C.....	1,718
Camp Shelby zone, Miss.....	252
Camp Sheridan zone, Ala.....	220
Camp Sherman zone, Ohio.....	589
Camp Zachary Taylor zone, Ky.....	3,620
Camp Travis zone, Tex.....	861
Camp Wadsworth zone, S. C.....	231
Camp Wheeler zone, Ga.....	152

LEPROSY.

City Report for Week Ended Sept. 28, 1918.

During the week ended September 28, 1918, two cases of leprosy were notified at New Orleans, La.

MALARIA.

Cases Reported in Extra-Cantonment Zones, Week Ended Oct. 12, 1918.

Cases.		Cases.	
Camp Beauregard zone, La.....	11	Fort Oglethorpe zone, Ga. and Tenn.....	1
Camp Eberts zone, Ark.....	11	Portsmouth and Norfolk County health dis-	
Gas and Flame School zone, Ga.....	10	trict, Va.....	1
Gulfport health district, Miss.....	10	Camp Sevier zone, S. C.....	1
Camp Hancock zone, Ga.....	3	Camp Shelby zone, Miss.....	1

City Reports for Week Ended Sept. 28, 1918.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Albany, Ga.....	3		Mobile, Ala.....	2	1
Atlanta, Ga.....	4		Montgomery, Ala.....	1	
Hattiesburg, Miss.....	1		Newark, N. J.....	1	
Independence, Mo.....	1		Palestine, Tex.....	11	
Little Rock, Ark.....	7		Savannah, Ga.....	2	
Memphis, Tenn.....	5	2	Tuscaloosa, Ala.....	2	1

MEASLES.

Cases Reported in Extra-Cantonment Zones, Week Ended Oct. 12, 1918.

Cases.		Cases.	
Camp Funston zone, Kans.....	7	Camp McClellan zone, Ala.....	2
Camp Gordon zone, Ga.....	3	Camp Shelby zone, Miss.....	1
Camp Greene zone, N. C.....	1	Camp Sheridan zone, Ala.....	3
Fort Leavenworth zone, Kans.....	1	Camp Zachary Taylor zone, Ky.....	6

See also Diphtheria, measles, scarlet fever, and tuberculosis, page 1801.

PELLAGRA.

Cases Reported in Extra-Cantonment Zones, Week Ended Oct. 12, 1918.

Cases.		Cases.	
Gas and Flame School zone, Ga.....	3	Camp Wheeler zone, Ga.....	1
Camp Wadsworth zone, S. C.....	2		

City Reports for Week Ended Sept. 28, 1918.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Charleston, S. C.....		1	Oklahoma City, Okla.....		1
Dallas, Tex.....	1		Palestine, Tex.....	1	
Houston, Tex.....	2		Raleigh, N. C.....	2	
Lexington, Ky.....	1		Richmond, Va.....	1	
Lynchburg, Va.....	1		Spartanburg, S. C.....	3	
Memphis, Tenn.....	2	2	Tuscaloosa, Ala.....	1	
New Orleans, La.....	3	1			

PNEUMONIA.

Cases Reported in Extra-Cantonment Zones, Week Ended Oct. 12, 1918.

Cases.		Cases.	
Camp Beauregard zone, La.....	8	Camp MacArthur zone, Tex.....	3
Camp Bowie zone, Tex.....	50	Camp McClellan zone, Ala.....	2
Camp Doniphan zone, Okla.....	1	New London sanitary district, Conn.....	26
Camp Eberts zone, Ark.....	4	Fort Oglethorpe zone, Ga. and Tenn.....	3
Camp Funston zone, Kans.....	5	Pieric Acid Plant zone, Ga.....	5
Gas and Flame School zone, Ga.....	4	Camp Pike zone, Ark.....	93
Camp Gordon zone, Ga.....	5	Camp Sevier zone, S. C.....	56
Gulfport health district, Miss.....	20	Camp Zachary Taylor zone, Ky.....	106
Camp Hancock zone, Ga.....	12	Camp Travis zone, Tex.....	18
Camp Humphreys zone, Va.....	32	Camp Upton zone, N. Y.....	2
Camp Joseph E. Johnston zone, Fla.....	53	Vancouver zone, Wash.....	1
Camp Lee zone, Va.....	225	Camp Wadsworth zone, S. C.....	4
Camp Lewis zone, Wash.....	1	Camp Wheeler zone, Ga.....	9
Camp Logan zone, Tex.....	4		

PNEUMONIA—Continued.

City Reports for Week Ended Sept. 28, 1918.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Anniston, Ala.	1		Marquette, Mich.	1	
Atlanta, Ga.	2	4	Melrose, Mass.	6	3
Atleboro, Mass.	5	3	Middletown, N. Y.	1	
Baltimore, Md.	3	11	Nashville, Tenn.	1	
Beverly, Mass.	6	3	Natick, Mass.	6	1
Binghamton, N. Y.	1	1	Newark, N. J.	28	7
Boston, Mass.	278	111	New Bedford, Mass.	15	6
Bristol, Conn.	1		Newburyport, Mass.	1	
Brookline, Mass.	53	11	New Castle, Ind.	2	
Buffalo, N. Y.	2	9	New Haven, Conn.	3	
Cambridge, Mass.	34	15	Newport, Ky.	1	
Charleston, W. Va.	1	1	Newton, Mass.	9	8
Ci elsa, Mass.	14	12	Oakland, Cal.	1	1
Chicago, Ill.	153	74	Peabody, Mass.	7	4
Cleveland, Ohio.	14	10	Philadelphia, Pa.	81	44
Clinton, Mass.	2	2	Pittsfield, Mass.	5	4
Colorado Springs, Colo.	2		Pontiac, Mich.	1	
Coriscana, Tex.	1		Rochester, N. Y.	3	5
Cortland, N. Y.	1	1	Rome, N. Y.	1	
Council Bluffs, Iowa.	1	1	Rutland, Vt.	2	
Cranston, R. I.	2	2	Sacramento, Cal.	1	1
Fall River, Mass.	3	5	Salem, Mass.	12	3
Grand Rapids, Mich.	1		San Diego, Cal.	1	1
Green Bay, Wis.	1	1	Sandusky, Ohio.	1	
Greenwich, Conn.	2	1	San Francisco, Cal.	10	6
Hartford, Conn.	6	7	Sault Ste. Marie, Mich.	1	1
Haverhill, Mass.	33	1	Schenectady, N. Y.	5	2
Independence, Mo.	2		Sheboygan, Wis.	1	1
Jackson, Mich.	3	2	Sioux Falls, S. D.	2	
Kansas City, Kans.	3		Somerville, Mass.	15	10
Kansas City, Mo.	4	8	Southbridge, Mass.	1	
Lincoln, Nebr.	2		Springfield, Mass.	24	15
Little Falls, N. Y.	1		Troy, N. Y.	3	2
Little Rock, Ark.	2		Westfield, Mass.	7	1
Los Angeles, Cal.	5	1	Winthrop, Mass.	16	9
Lowell, Mass.	8	8	Woburn, Mass.	2	3
Lynn, Mass.	26	19	Worcester, Mass.	45	52
Manitowoc, Wis.	1		Youngstown, Ohio.	3	1

POLIOMYELITIS (INFANTILE PARALYSIS).

City Reports for Week Ended Sept. 28, 1918.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Baltimore, Md.	1		Mount Vernon, Ohio.	1	1
Buffalo, N. Y.	2	1	New Orleans, La.	2	
Chambersburg, Pa.	1		New York, N. Y.	9	1
Chicago, Ill.	4		Niagara Falls, N. Y.		1
Dallas, Tex.	2		Oakland, Cal.	1	
Dubuque, Iowa.	1		Racine, Wis.		1
Elmira, N. Y.	3		Richmond, Va.		1
Flint, Mich.	1		Rochester, N. Y.	2	
Hartford, Conn.	1		St. Louis, Mo.	3	
Holyoke, Mass.	1		Springfield, Ill.	2	
La Crosse, Wis.	1		Toledo, Ohio.	2	
Los Angeles, Cal.	1		Tuscaloosa, Ala.	1	
Madison, Wis.	1		Wilkes-Barre, Pa.	1	
Marion, Ind.	1	1	Worcester, Mass.		1

RABIES IN ANIMALS.

City Reports for Week Ended Sept. 28, 1918.

During the week ended September 28, 1918, cases of rabies in animals were reported in cities as follows: Covington, Ky., 1; Louisville, Ky., 1; Omaha, Nebr., 7; Rochester, N. Y., 4.

RABIES IN MAN.

City Report for Week Ended Sept. 28, 1918.

During the week ended September 28, 1918, one death from rabies in man was reported at Toledo, Ohio.

SCARLET FEVER.

Cases Reported in Extra-Cantonment Zones, Week Ended Oct. 12, 1918.

Cases.		Cases.	
Camp Bowie zone, Tex.....	2	Camp Pike zone, Ark.....	1
Camp Dodge zone, Iowa.....	11	Camp Sheridan zone, Ala.....	3
Camp Gordon zone, Ga.....	9	Camp Sherman zone, Ohio.....	4
Camp Greene zone, N. C.....	4	Camp Zachary Taylor zone, Ky.....	3
Camp Lee zone, Va.....	1	Camp Travis zone, Tex.....	2
Camp McClellan zone, Ala.....	3	Camp Wheeler zone, Ga.....	2
Fert Oglethorpe zone, Ga. and Tenn.....	3		

See also Diphtheria, measles, scarlet fever, and tuberculosis, page 1801.

SMALLPOX.

Cases Reported in Extra-Cantonment Zones, Week Ended Oct. 12, 1918.

Cases.		Cases.	
Camp Bowie zone, Tex.....	1	Camp Funston zone, Kans.....	3
Camp Dodge zone, Iowa.....	1	Camp Travis zone, Tex.....	3
Camp Eberts zone, Ark.....	2		

South Carolina—Chesterfield.

On October 11, 1918, 11 cases of smallpox were reported present in Chesterfield, S. C.

City Reports for Week Ended Sept. 28, 1918.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Aberdeen, Wash.....	1		Mobile, Ala.....	1	
Bethaire, Ohio.....	1		Muncie, Ind.....	1	
Bellingham, Wash.....	2		New Castle, Pa.....	1	
Billings, Mont.....	5		Oakland, Cal.....	1	
Bluefield, W. Va.....	1		Ogden, Utah.....	6	
Butte, Mont.....	2		Oshkosh, Wis.....	1	
Chicago, Ill.....	2		Peoria, Ill.....	1	
Cincinnati, Ohio.....	3		St. Joseph, Mo.....	4	
Cleveland, Ohio.....	4		St. Paul, Minn.....	1	
Corpus Christi, Tex.....	1		San Francisco, Cal.....	3	
Denver, Colo.....	25		Seattle, Wash.....	5	
Des Moines, Iowa.....	2		Sheboygan, Wis.....	1	
Greeley, Colo.....	1		Spokane, Wash.....	1	
Houston, Tex.....	1		Stockton, Cal.....	5	
Kansas City, Kans.....	1		Streator, Ill.....	1	
Lincoln, Neb.....	4		Toledo, Ohio.....	1	
Little Rock, Ark.....	1		Vallejo, Cal.....	1	
Lorain, Ohio.....	1		Wichita, Kans.....	2	
Los Angeles, Cal.....	1		Youngstown, Ohio.....	1	

SYPHILIS.

Cases Reported in Extra-Cantonment Zones, Week Ended Oct. 12, 1918.

Cases.		Cases.	
Camp Bowie zone, Tex.....	9	Camp MacArthur zone, Tex.....	11
Camp Eberts zone, Ark.....	1	Camp McClellan zone, Ala.....	1
Camp Funston zone, Kans.....	2	Fort Oglethorpe zone, Ga. and Tenn.....	35
Gas and Flame School zone, Ga.....	7	Camp Pike zone, Ark.....	1
Camp Gordon zone, Ga.....	18	Portsmouth and Norfolk County health district, Va.....	3
Camp Greene zone, N. C.....	11	Camp Sheridan zone, Ala.....	7
Gulfport health district, Miss.....	1	Camp Zachary Taylor zone, Ky.....	45
Camp Jackson zone, S. C.....	13	Camp Travis zone, Tex.....	7
Camp Joseph E. Johnston zone, Fla.....	4	Camp Wheeler zone, Ga.....	21
Camp Lee zone, Va.....	3		
Camp Logan zone, Tex.....	7		

TETANUS.

City Reports for Week Ended Sept. 28, 1918.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Chicago, Ill.....		1	Los Angeles, Cal.....		1
Kansas City, Mo.....	1	1	Mobile, Ala.....		1
Lincoln, Nebr.....		1	Philadelphia, Pa.....	1	3

TUBERCULOSIS.

Cases Reported in Extra-Cantonment Zones, Week Ended Oct. 12, 1918.

Cases.		Cases.	
Gas and Flame School zone, Ga.....	1	Camp Zachary Taylor zone, Ky.....	14
Gulfport health district, Miss.....	1	Camp Travis zone, Tex.....	20
Camp Hancock zone, Ga.....	1	Camp Upton zone, N. Y.....	3
New London sanitary district, Conn.....	1	Vancouver zone, Wash.....	1
Camp Pike zone, Ark.....	1	Camp Wheeler zone, Ga.....	3

See also Diphtheria, measles, scarlet fever, and tuberculosis, page 1801.

TYPHOID FEVER.

Cases Reported in Extra-Cantonment Zones, Week Ended Oct. 12, 1918.

Cases.		Cases.	
Camp Beauregard zone, La.....	1	Fort Oglethorpe zone, Ga. and Tenn.....	1
Camp Bowie zone, Tex.....	5	Camp Pike zone, Ark.....	4
Camp Dix zone, N. J.....	1	Portsmouth and Norfolk County health district, Va.....	1
Gas and Flame School zone, Ga.....	5	Camp Sevier zone, S. C.....	1
Camp Gordon zone, Ga.....	1	Camp Sherman zone, Ohio.....	1
Gulfport health district, Miss.....	1	Camp Zachary Taylor zone, Ky.....	2
Fort Leavenworth zone, Kans.....	3	Camp Travis zone, Tex.....	6
Camp McClellan zone, Ala.....	2		
New London sanitary district, Conn.....	1		

TYPHOID FEVER—Continued.

City Reports for Week Ended Sept. 28, 1918.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Aberdeen, Wash.	1		Moline, Ill.	1	
Akron, Ohio.	28		Montgomery, Ala.	4	1
Allentown, Pa.	3		Morgantown, W. Va.	1	
Ann Arbor, Mich.	5	1	Morristown, N. J.	1	
Anniston, Ala.	3		Mount Carmel, Pa.	1	
Ashabula, Ohio.	2		Nashville, Tenn.	1	1
Atlanta, Ga.	1	2	Newark, N. J.	4	1
Attleboro, Mass.	1		New Bedford, Mass.	3	
Baltimore, Md.	9	1	Newcastle, Ind.	1	
Beaver Falls, Pa.	1		Newcastle, Pa.	2	
Bellaire, Ohio.	4		New Haven, Conn.	5	
Beverly, Mass.	4		New Orleans, La.	4	1
Birmingham, Ala.	14	3	New York, N. Y.	48	7
Boston, Mass.	3	1	Norfolk, Va.	1	
Bridgeport, Conn.	1		North Braddock, Pa.	1	
Buffalo, N. Y.	1	3	North Tonawanda, N. Y.	6	1
Butler, Pa.	2		Oil City, Pa.	3	
Cambridge, Mass.	1		Omaha, Neb.	3	1
Carnegie, Pa.	1		Pawtucket, R. I.	2	
Centralia, Ill.	20		Peoria, Ill.	1	
Chambersburg, Pa.	1		Philadelphia, Pa.	13	1
Charleston, S. C.	9	1	Piqua, Ohio.		1
Charleston, W. Va.	20		Pittsburgh, Pa.	11	
Charlotte, N. C.	9	1	Plainfield, N. J.	2	
Chattanooga, Tenn.	3		Plymouth, Pa.	1	
Chester, Pa.	4		Pontiac, Mich.	1	1
Chicago, Ill.	13		Portland, Me.	1	
Chicopee, Mass.	1		Pottsville, Pa.	1	1
Cincinnati, Ohio.	6		Providence, R. I.	1	
Cleveland, Ohio.	9	2	Rahway, N. J.	2	
Coffeyville, Kans.	4		Reading, Pa.	7	
Columbus, Ohio.	2		Redlands, Cal.	1	
Concord, N. H.	2		Richmond, Va.	1	
Cortland, N. Y.	1		Riverside, Cal.	1	1
Covington, Ky.	4		Roanoke, Va.	1	
Denver, Colo.	13	2	Rochester, N. Y.		1
Durham, N. C.	11		Rockford, Ill.	2	
Eric, Pa.	1		St. Joseph, Mo.	2	
Fairmont, W. Va.	1		St. Louis, Mo.	14	4
Fall River, Mass.	3	1	St. Paul, Minn.	4	
Farroll, Pa.	1		Sandusky, Ohio.	1	
Findlay, Ohio.	1		Saratoga Springs, N. Y.	2	1
Flint, Mich.	8		Savannah, Ga.	2	
Fort Scott, Kans.	1		Scranton, Pa.	6	
Fort Wayne, Ind.	1		Seattle, Wash.	2	
Fostoria, Ohio.	1		Shamokin, Pa.	4	
Galesburg, Ill.	7	1	Sharon, Pa.	1	
Grand Rapids, Mich.	1	1	Sioux Falls, S. Dak.	1	
Greely, Colo.	5		Southbridge, Mass.	1	
Greensboro, N. C.	2		Spartanburg, S. C.	4	1
Greenville, S. C.		1	Spokane, Wash.	5	
Hartford, Conn.	4	1	Springfield, Ill.		1
Hoboken, N. J.	1		Springfield, Mass.	4	
Independence, Kans.	2		Springfield, Mo.	1	
Jamestown, N. Y.	2		Springfield, Ohio.	1	1
Janesville, Wis.	1		Steuersville, Ohio.	1	
Johnstown, Pa.	2		Sunbury, Pa.	3	
Kankakee, Ill.	10		Syracuse, N. Y.	8	1
Kansas City, Kans.	5		Tacoma, Wash.	4	
Kansas City, Mo.	1	2	Taunton, Mass.	1	
Kokomo, Ind.	11		Toledo, Ohio.	4	1
La Fayette, Ind.	1		Topeka, Kans.	1	
Leavenworth, Kans.	7		Trenton, N. J.	1	
Lebanon, Pa.	1		Uniontown, Pa.	2	
Lima, Ohio.	5		Waco, Tex.	1	
Little Falls, N. Y.	1		Walla Walla, Wash.	3	
Little Rock, Ark.	5		West Chester, Pa.	4	
Long Branch, N. J.	1		Westfield, Mass.	1	
Los Angeles, Cal.	7	1	West New York, N. J.	1	
Louisville, Ky.	5	1	Wheeling, W. Va.		1
Lowell, Mass.	5		Wichita, Kans.	7	
Marinette, Wis.	1		Wilkes-Barre, Pa.	1	
McKeesport, Pa.	1		Williamsport, Pa.	1	
Medford, Mass.	1		Wilmington, Del.	12	
Memphis, Tenn.	4	2	Winston-Salem, N. C.	6	1
Milwaukee, Wis.	1		Yonkers, N. Y.	3	
Minneapolis, Minn.	7		Youngstown, Ohio.	4	2
Missoula, Mont.	1		Zanesville, Ohio.	1	
Mobile, Ala.	1				

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS.

City Reports for Week Ended Sept. 23, 1918.

City.	Population as of July 1, 1917 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Adams, Mass.	14,406	2								
Akron, Ohio	93,604	32	14				1		4	
Alameda, Cal.	28,433	2	1		5				1	
Alexandria, La.	16,732	5	1							1
Allentown, Pa.	65,109		5							
Alton, Ill.	23,783	15		1						1
Altoona, Pa.	59,712		17		1					
Ann Arbor, Mich.	15,041	8							1	1
Anniston, Ala.	14,376				2					
Ansonia, Conn.	10,954	16								1
Appleton, Wis.	18,006	5							1	1
Asbury Park, N. J.	14,679	2							1	
Ashtabula, Ohio.	22,008	3							2	
Atlanta, Ga.	196,144	40	7		2		9		5	2
Atlantic City, N. J.	59,515	7			1				1	
Attleboro, Mass.	19,776	8								1
Auburn, N. Y.	37,873	6	2		1		1			
Bakersfield, Cal.	17,543	4								1
Baltimore, Md.	594,637	194	8		3		5		27	9
Bayonne, N. J.	72,704		3						2	
Beaver Falls, Pa.	13,749		1							
Bellaire, Ohio	14,575	18							1	
Belleville, N. J.	12,797								3	
Beloit, Wis.	18,147	1	2				2		2	
Benton Harbor, Mich.	11,099	3								
Berkeley, Cal.	60,477		2		1					
Bethlehem, Pa.	14,353		2						1	
Beverly, Mass.	22,128	15					1			
Billings, Mont.	15,123	2	1				1		2	1
Binhamton, N. Y.	54,884	15	3		1		2			1
Birmingham, Ala.	189,716	41	7		4		6		6	
Bluefield, W. Va.	16,173						2			
Boise, Idaho	35,951	3								
Boston, Mass.	767,813	992	35	1	3		6		55	29
Bradford, Pa.	14,544						1			
Brazil, Ind.	10,472	2								
Bridgeport, Conn.	124,724	38	10	2			2		4	2
Bristol, Conn.	16,318	3							2	
Brookline, Mass.	33,576	36	2							
Buffalo, N. Y.	475,781	145	18	4	14		9	2	31	11
Burlington, Iowa.	25,144	5					4			
Burlington, Vt.	21,802	5	9	1	4					3
Butler, Pa.	28,677		3		1		2			
Butte, Mont.	44,057		3		2		9			
Cairo, Ill.	15,995	5			10				2	2
Cambridge, Mass.	114,293	140	3							6
Camden, N. J.	108,117		1		1		4		5	
Canton, Ohio.	62,566	19	8	2			1		6	1
Cape Girardeau, Mo.	11,146		1							
Carnerie, Pa.	11,963				1					
Centralia, Ill.	11,838						3		5	
Charleston, S. C.	61,041	28								4
Charleston, W. Va.	31,060	19	14	1			3		3	4
Charlotte, N. C.	40,759	17	4							
Chattanooga, Tenn.	61,575		4						1	1
Chelsea, Mass.	48,405	103	1							1
Chester, Pa.	41,857		1				1		1	
Chicago, Ill.	2,547,201	628	129	15	12	1	27		183	52
Chicopee, Mass.	29,950	9	3		1				1	
Chillicothe, Ohio.	15,625	1	7				1		1	1
Cincinnati, Ohio.	414,248	104	15	2	1		7		10	7
Cleveland, Ohio.	682,259	156	24		4		13	1	28	11
Clinton, Mass.	13,075	3								
Coffeyville, Kans.	18,351								1	
Cohoes, N. Y.	25,292	1							1	
Colorado Springs, Colo.	38,965	7							4	2
Columbus, Ohio.	220,135	60	6		1		5		4	6
Concord, N. H.	22,859	15					1			1
Corpus Christi, Tex.	10,789	5								
Corsicana, Tex.	10,066	1								
Cortland, N. Y.	13,321	3								
Council Bluffs, Iowa	31,838	10	2				3			

* Population Apr. 15, 1910.

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

City Reports for Week Ended Sept. 28, 1918—Continued.

City.	Population as of July 1, 1917 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Covington, Ky.	59,623	11	2	1	2		3		1	1
Craunton, R. I.	26,773	12								
Cumberland, Md.	26,086	6	1				1		1	
Dallas, Tex.	129,738	21	1		1		1		8	2
Danville, Ill.	32,969	18	2	1						1
Davenport, Iowa.	49,618	4					4			
Denver, Colo.	268,439	78	3				8			15
Des Moines, Iowa.	104,052		11							
Dever, N. H.	13,276	9								
Dubuque, Iowa.	40,086									1
Duluth, Minn.	97,077	18	1	1	1				4	
Durham, N. C.	26,160	5	2						3	
East Chicago, Ind.	30,286	14		1						
Easton, Pa.	30,854								1	
East Orange, N. J.	43,761	3			1				1	
East Claire, Wis.	18,887		1				2			
Elgin, Ill.	28,562	7							1	
Empira, N. Y.	38,272	1	3		6		2		3	
Englewood, N. J.	12,603	2								
Erie, Pa.	76,592		4				1			
Eugene, Oreg.	14,257						1			
Evanson, Ill.	29,304	12								
Everett, Mass.	40,160	28								
Fairmount, W. Va.	16,111		3							
Fall River, Mass.	129,828	60	3		9				4	4
Fargo, N. Dak.	17,872	2								
Findlay, Ohio.	14,858	6					1			
Flint, Mich.	57,386	8	11				2			
Fond du Lac, Wis.	21,486	7					2			
Fort Scott, Kans.	10,564	8								
Fort Wayne, Ind.	78,014	19							5	1
Fort Worth, Tex.	109,597	15	1						1	1
Fostoria, Ohio	10,959	3					1			
Galzburg, Ill.	24,629	7			1					
Galveston, Tex.	42,650	17			4					1
Gardner, Mass.	17,534	1	1				3			
Geneva, N. Y.	13,915	5								
Grand Rapids, Mich.	132,861	40	7	1	1		5		5	2
Greely, Colo.	11,942						1			
Green Bay, Wis.	30,017	7								
Greenfield, Mass.	12,251	4								
Greensboro, N. C.	20,171	5								
Greenville, S. C.	18,574	7	1				4			
Hackensack, Conn.	19,594						2			1
Hackensack, N. J.	17,412	4								
Hammond, Ind.	27,016	4	1				1			
Harrison, N. J.	17,343								1	
Hartford, Conn.	112,831		4		7		1		11	1
Hattiesburg, Miss.	17,357									
Haverhill, Mass.	49,180	19	2	1			1		3	
Hazelton, Pa.	28,981	1	1				1			
Hoboken, N. J.	78,324	15	6	3	1				4	1
Holland, Mich.	12,459	1								
Holyoke, Mass.	66,503	21	1							
Houston, Tex.	116,878	39	1	1			1		5	3
Independence, Kans.	15,111									
Independence, Mo.	11,964	4							1	
Jackson, Mich.	35,996	16					1		1	
Jamestown, N. Y.	37,431	12			2		1		3	2
Jamesville, Wis.	14,411	5			1					
Jersey City, N. J.	312,557		12				3		9	
Johnstown, N. Y.	70,678	1							2	1
Johnstown, Pa.	70,473		1		2		2		1	
Kalamazoo, Mich.	50,408	15							1	3
Kankakee, Ill.	14,270		1		2		3			
Kansas City, Kans.	102,096		4				1		1	
Kansas City, Mo.	305,816	78	11	4			3		1	3
Kearny, N. J.	24,325	5					1		1	
Kenosha, Wis.	32,853	9			3		1		1	
Knoxville, Tenn.	59,112		2	1			4		1	1

¹ Population Apr. 15, 1916.

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

City Reports for Week Ended Sept. 28, 1918—Continued.

City.	Population as of July 1, 1917 (estimated by U. S. Census Bureau.	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Kokomo, Ind.	21,929	1								
Lackawanna, N. Y.	16,219	3	3	1	3		1		2	
La Crosse, Wis.	31,835	12	1							1
Lafayette, Ind.	21,481	16					7			
Lancaster, Ohio.	16,086						1			
Lancaster, Pa.	51,437			4						
Leavenworth, Kans.	19,363	7							1	
Lebanon, Pa.	20,947		2				2		6	
Lexington, Ky.	41,997	10	1				2			1
Lima, Ohio.	37,145	11	2		3		10		1	2
Lincoln, Nebr.	46,957	12								
Lincoln, R. I.	10,473			3						
Little Falls, N. Y.	13,653	5					1		1	
Little Rock, Ark.	53,716	6			1		3		2	2
Long Beach, Cal.	23,163	8							2	1
Lorain, Ohio.	38,266		1				1		1	
Los Angeles, Cal.	535,485	111	20		10		1		51	19
Louisville, Ky.	240,808	72	10		1		4		19	2
Lowell, Mass.	114,366	60	11		7		3	1	1	1
Lynchburg, Va.	33,497	11								
Lynn, Mass.	104,534	103	2				2		1	3
McKeesport, Pa.	48,299								1	
McKees Rocks, Pa.	20,795		1		3					
Madison, Wis.	31,315	10								
Malden, Mass.	52,243	37	1				2		4	
Manchester, Conn.	15,859	1								
Manitowoc, Wis.	13,931	7								
Marquette, Wis.	14,610	4								1
Marion, Ind.	19,923	8								
Marquette, Mich.	12,553	6								
Marshalltown, Iowa.	14,519	7								
Mattoon, Ill.	12,764	2	1		5					
Medford, Mass.	26,681	25								
Melrose, Mass.	17,724	9	1							
Memphis, Tenn.	151,877	70	4				1		10	9
Methuen, Mass.	14,320	4			1					
Michigan City, Ind.	21,913	8	1							2
Milwaukee, Wis.	445,008	107	10	2	1	1	21	2	21	7
Minneapolis, Minn.	373,448	88	30	4			2		16	4
Missoula, Mont.	19,075	8								
Mobile, Ala.	59,201	17	5				1		2	
Moline, Ill.	27,976	6					2			1
Monessen, Pa.	23,070		9		1					
Montclair, N. J.	27,087						1			
Montgomery, Ala.	44,039	13	1		1		1		1	
Morgantown, W. Va.	14,444	2								
Morristown, N. J.	13,410	4								
Mount Carmel, Pa.	20,709		3						3	
Mount Vernon, Ohio.	10,877	2								
Muncie, Ind.	25,653	8		2						1
Nanticoke, Pa.	23,811		6		5		1			
Nashua, N. H.	27,541	25	2				4			
Nashville, Tenn.	118,136	42	5		1		5		1	3
Newark, N. J.	418,789	114	30	3	3		1		42	11
New Bedford, Mass.	121,622	64	2				4		5	3
Newburg, N. Y.	10,893	10	3	1						1
Newburyport, Mass.	15,291	17							1	
Newcastle, Ind.	14,144	1	1		2					
New Castle, Pa.	41,915		1				2			
New Haven, Conn.	152,275	46	2		6	1	3		8	2
New Orleans, La.	377,010	120	7		1				28	23
Newport, Ky.	32,133	8								
Newton, Mass.	44,345	38								
New York, N. Y.	5,737,492	1,210	127	10	21	1	53	1	111	123
Niagara Falls, N. Y.	38,466	11	1		1		5			
Norfolk, Va.	31,148		5							2
Norristown, Pa.	31,903								1	
North Adams, Mass.	12,019	7								
Northampton, Mass.	20,066	12	1						1	4
North Tonawanda, N. Y.	14,060	3							1	

1 Population Apr. 15, 1910.

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

City Reports for Week Ended Sept. 23, 1918—Continued.

City.	Popu- lation as of July 1, 1917 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuber- culosis.	
			Cases.	Deaths.	Cases.	Deaths.	Deaths.	Cases.	Cases.	Deaths.
Norwood, Ohio.....	23,269	3							1	1
Oakland, Cal.....	206,405	43	1		2		3		6	5
Oak Park, Ill.....	27,816	11							1	1
Ogden, Utah.....	32,343	6	1							
Oil City, Pa.....	20,162								1	
Oklahoma City, Okla.....	97,588	15	2					1		2
Olean, N. Y.....	16,927	6								1
Omaha, Nebr.....	177,777	27	19				1			4
Orange, N. J.....	83,636	13	1				2		1	2
Oshkosh, Wis.....	36,549		1		8				1	1
Palestine, Tex.....	12,075	3								
Parkersburg, W. Va.....	21,059	3								
Pasadena, Cal.....	49,620	2					1		1	
Passaic, N. J.....	74,478	17	7	1			2		3	2
Pawtucket, R. I.....	60,666	28					2			5
Peabody, Mass.....	18,785	14								
Peekskill, N. Y.....	19,034	4								
Peoria, Ill.....	72,184	17	1				1		1	1
Philadelphia, Pa.....	1,735,514	587	49	5	11		16		133	56
Piqua, Ohio.....	14,275	1								
Pittsburgh, Pa.....	586,196		27		21		21		21	
Pittsfield, Mass.....	39,678	18	2	1			3		1	1
Plainfield, N. J.....	24,330	7	1	1			2		1	1
Plymouth, Mass.....	14,001	16								
Plymouth, Pa.....	19,439		1						1	
Pomona, Cal.....	13,624	4								
Pontiac, Mich.....	18,006	8					4			
Port Chester, N. Y.....	16,727	2								
Portland, Me.....	64,720	28								
Pottsville, Pa.....	22,717		1		1		4			1
Providence, R. I.....	259,895	91	12	2			2		1	5
Quincy, Ill.....	36,832	7								
Quincy, Mass.....	39,022	96						1		
Racine, Wis.....	47,465	22		1						2
Rahway, N. J.....	10,361	2							1	1
Raleigh, N. C.....	20,274	10	1		1		1			2
Reading, Pa.....	111,607		2		3					
Redlands, Cal.....	14,573	3								
Richmond, Va.....	153,702	43	3				6		23	3
Riverside, Cal.....	20,496	6	1				1			
Roanoke, Va.....	46,282	10	2							
Rochester, N. Y.....	264,714	68	4	1	2		12		14	6
Rockford, Ill.....	56,739	12	2	2			1			
Rock Island, Ill.....	29,452		3							
Rocky Mount, N. C.....	12,673	4								
Rome, N. Y.....	24,259								3	
Rutland, Vt.....	15,038	4	1				4			
Sacramento, Cal.....	68,984	22					1		3	2
Saginaw, Mich.....	56,469	18	5		2					2
St. Joseph, Mo.....	86,498	26	12	2			3			2
St. Louis, Mo.....	768,630	192	29	4	8		5		42	16
St. Paul, Minn.....	252,465	47	13	1	1		6		13	12
Salt Lake City, Utah.....	121,623	19	5	1	4		21			3
San Angelo, Tex.....	10,321	4								1
San Bernardino, Cal.....	17,616	1	2	1						
San Diego, Cal.....	56,412	20	1		9		4		5	
Sandusky, Ohio.....	20,226	4					4			
Sanford, Me.....	11,217	3								
San Francisco, Cal.....	471,023	116	8	1	34		9		26	9
San Jose, Cal.....	39,810				1					
Santa Barbara, Cal.....	15,360	3							1	
Santa Cruz, Cal.....	15,150	4								1
Saratoga Springs, N. Y.....	13,839	5			2				1	
Sault Ste. Marie, Mich.....	14,130	6							2	1
Savannah, Ga.....	69,250	17	2				2		1	1
Schenectady, N. Y.....	103,774	22	4	1	1				2	1
Scranton, Pa.....	149,541		13		2		5		2	
Seattle, Wash.....	366,445	66	14		5		21		12	5
Shamokin, Pa.....	21,274		6						1	
Sharon, Pa.....	19,156		3				2			
Sheboygan, Wis.....	28,907	5			1		2	1		

1 Population Apr. 15, 1910.

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

City Reports for Week Ended Sept. 28, 1918—Continued.

City.	Population as of July 1, 1917 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Shenandoah, Pa.	29,753		3				1			
Sioux City, Iowa.	58,568		2							
Sioux Falls, S. Dak.	16,987	2								
South Bend, Ind.	70,967	12	1		1					1
Southbridge, Mass.	14,465	4								1
Spartanburg, S. C.	21,985	7	7						3	
Spokane, Wash.	157,668		1				3			
Springfield, Ill.	62,523	19	5							2
Springfield, Mass.	108,868	36	6						4	2
Springfield, Mo.	41,169	14								16
Springfield, Ohio.	52,296	24			3					2
Steeltown, Pa.	15,759		2				1			
Steubenville, Ohio.	28,250	10	3				1			
Stockton, Cal.	36,209	11					2			
Wheaton, Ill.	14,813	4	1							
Sunbury, Pa.	16,661		1		1					
Superior, Wis.	47,167	9	1	1						1
Syracuse, N. Y.	158,559	76	5		2		6	1	3	4
Tacoma, Wash.	117,446		3				6			
Taunton, Mass.	36,610	26							1	5
Terre Haute, Ind.	67,361	25	1							3
Toledo, Ohio.	202,010	70	2	2	1		8	1	13	5
Topeka, Kans.	46,538	9	1							
Trenton, N. J.	112,974	39	6						2	1
Troy, N. Y.	78,094	29	1		2				3	4
Tuscaloosa, Ala.	10,824	6	2						1	
Vallejo, Cal.	13,803	4	1	1	1					
Waco, Tex.	34,015	7	2						5	
Waltham, Mass.	31,011	42								1
Warren, Pa.	15,083		10							
Wausau, Wis.	19,666	2	1							
West Chester, Pa.	13,403				1					
Westfield, Mass.	18,769	7	1	1	1					1
West Hoboken, N. J.	44,386	1							1	
West New York, N. J.	19,613	3								
Wheeling, W. Va.	42,657	13	3						1	
Wilkes-Barre, Pa.	78,334		4		1		1		2	
Williamsport, Pa.	34,123		2				2			
Wilmington, Del.	95,369	40					1			3
Wilmington, N. C.	30,400	21						3		1
Winchester, Mass.	10,812	3								
Winona, Minn.	18,583	6	2							1
Winston-Salem, N. C.	33,136	11	7						3	2
Winthrop, Mass.	13,405	9								
Woburn, Mass.	16,076	21	1				6		1	
Worcester, Mass.	166,106	139	4	1	2	1	1		5	
Yonkers, N. Y.	103,066	18	4				1		7	
Youngstown, Ohio.	112,252		8	2			8		9	1
Zanesville, Ohio.	31,320	4							1	

¹ Population Apr. 15, 1910.

FOREIGN.

INFLUENZA ON VESSELS.

Steamships "Brazos" and "Benevente"—San Juan, Porto Rico.

Influenza has been reported as occurring on board the steamships *Brazos* and *Benevente* from New York for San Juan, Porto Rico. The *Brazos* arrived at San Juan September 19, 1918, with a history of the occurrence of the disease during the voyage. Eight cases were reported from September 19 to 26, the date of the vessel's return sailing to New York. The *Benevente* arrived at San Juan with 48 cases on board, having sailed from New York about September 19, 1918.

Steamship Adonis—Cienfuegos.

A case of influenza has been reported on the steamship *Adonis* (American) which arrived at Cienfuegos, Cuba, October 7, 1918.

AZORES.

Sickness on Steamship Shimsei Maru—Ponta Delgada.

On September 16, 1918, the steamship *Shimsei Maru* arrived at Ponta Delgada, Azores, with all the crew sick. The nature of the disease was not stated. Six fatalities were reported among the crew.

BERMUDA.

Influenza.

An epidemic outbreak of influenza in Bermuda was reported September 25, 1918.

BRAZIL.

Influenza—Pernambuco.

On October 8, 1918, epidemic influenza was reported at Pernambuco, Brazil.

CANADA.

Influenza.

Influenza has been reported in Canada, according to Provinces, as follows:

Manitoba.—Present at Winnipeg during the week ended October 5, 1918.

CANADA—Continued.

Influenza—Continued.

New Brunswick.—Present at Moncton October 7, 1918.

Nova Scotia.—Present at Halifax, with 26 cases notified during the week ended October 5, 1918; present at Sydney, October 8, 1918.

Ontario.—Present at Hamilton with a total of 472 cases from September 30 to October 12, 1918. Present at Kingston and the suburban towns of Catararqui and Portsmouth October 5, 1918; 20 cases among soldiers. Present at Prescott October 12, 1918.

Quebec.—Epidemic influenza reported September 28, 1918, to be spreading at Quebec. An outbreak of influenza was reported September 21, 1918, at Victoriaville, about 70 miles from Quebec. The disease first appeared in an educational institution.

CHINA.

Plague-Infected Rats—Hongkong.

During the two weeks ended August 10, 1918, out of 3,793 rats examined at Hongkong, 16 were found plague infected.

GUATEMALA.

Influenza—Guatemala City.

Influenza was reported present at Guatemala City October 11, 1918:

INDIA.

Influenza—Bombay.

The health officer at Bombay, India, made a report in July, 1918, on an influenzalike disease then spreading throughout India. It was stated that the disease was introduced at Bombay from overseas by a transport which arrived May 31, 1918; that by June 22, 1918, the disease had become epidemic at Bombay; and that it was present in July, 1918, at Calcutta and Madras.

MEXICO.

Influenza—Piedras Negras—Vicinity of Sabinas.¹

Under date of October 11, 1918, an estimated number of about 100 cases of influenza was reported at Piedras Negras and 1,500 cases in the mining section near Sabinas, Mexico.

Quarantine Against Arrivals from Spain.

According to information dated October 11, 1918, quarantine measures have been ordered by the Federal Board of Health of Mexico to be enforced at Mexican ports against vessels arriving from ports in Spain.

¹ Public Health Reports, Oct. 11, 1918, p. 1754.

PORTUGAL.

Influenza—Lisbon.

Under date of September 30, 1918, epidemic pneumonic influenza was reported to be increasing at Lisbon, with many fatalities.

SPAIN.

Epidemic Influenza.

Epidemic influenza with typhoid complications was reported, September 28, 1918, to be general throughout Spain.

UNION OF SOUTH AFRICA.

Influenza—Cape Town.

A severe epidemic of influenza with many fatalities was reported October 8, 1918, at Cape Town, South Africa.

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

Reports Received During Week Ended Oct. 18, 1918. ¹

CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
Indo-China:				
Cochin-China—				
Saigon.....	Aug. 12-25.....	11	6	
Philippine Islands:				
Provinces.....				Aug. 11-17, 1918: Cases, 159; deaths, 88.
Bohol.....	Aug. 11-17.....	33	21	
Cebu.....	do.....	24	13	
Misamis.....	do.....	82	40	
Oriental Negros.....	do.....	9	7	
Sorsogon.....	do.....	5	1	
Surigao.....	do.....	6	6	
Provinces.....				Aug. 18-24, 1918: Cases, 142; deaths, 84.
Bohol.....	Aug. 18-24.....	25	27	
Cebu.....	do.....	46	24	Not previously reported.
Misamis.....	do.....	6	5	
Oriental Negros.....	do.....	15	10	
Sorsogon.....	do.....	50	18	
Provinces.....				Aug. 25-31, 1918: Cases, 136; deaths, 67, including 21 deaths not previously reported; Bohol, 1 case; Cebu, 44 cases, 21 deaths.
Bohol.....	Aug. 25-31.....	22	13	
Cebu.....	do.....	44	21	
Misamis.....	do.....	23	8	
Oriental Negros.....	do.....	5	3	
Sorsogon.....	do.....	42	22	

PLAGUE.

China:				
Amoy.....	Aug. 12-18.....			Present.
Ecuador:				
Guayaquil.....	Aug. 1-31.....		1	
Indo-China:				
Cochin-China—				
Saigon.....	Aug. 12-25.....	6	4	
Siam:				
Bangkok.....	July 28-Aug. 10...	9	8	
Straits Settlements:				
Penang.....	do.....	4	4	
Singapore.....	Aug. 11-17.....	1	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 Oct. 18, 1918—Continued.

SMALLPOX.

Place.	Date.	Cases.	Deaths.	Remarks.
Canada:				
Nova Scotia—				
Halifax.....	Sept. 22-28.....	3		
Canal Zone:				
Panama.....	Aug. 12-Sept. 28..	57		
China:				Present.
Amoy.....	Aug. 12-18.....			
Chosen (Korea):				
Cherulpo.....	July 1-31.....	2	1	
Indo-China:				
Cochin-China—				
Saigon.....	Aug. 12-25.....	11	1	
Japan:				
Kobe.....	Aug. 18-24.....	1	1	
Mexico:				
Mexico City.....	Sept. 1-7.....	4		
Newfoundland:				
St. Johns.....	Sept. 28-Oct. 4...	1		
Philippine Islands:				
Manila.....	Aug. 11-31.....	18	8	Varioloid, 2 cases.
Spain:				
Seville.....	July 1-31.....		4	

TYPHUS FEVER.

China:				
Antung.....	Aug. 19-25.....	1		
Chosen:				
Seoul.....	July 1-31.....	4	2	
Mexico:				
Mexico City.....	Aug. 19-25.....	1		

YELLOW FEVER.

Ecuador:				
Guayaquil.....	Aug. 1-31.....	28	14	
Naranjal.....	do.....	1	1	
Punta de Piedra.....	do.....	1		
Vinces.....	do.....	1		

Reports Received from June 29 to Oct. 11, 1918.

CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
Albania.....				Aug. 7, 1918: Present.
Austria-Hungary:				
Hungary.....				July 26, 1918: Present.
India:				
Bombay.....	Mar. 17-June 15...	8	6	
Calcutta.....	Apr. 14-June 29...		453	May 19-June 1, 1918: Deaths, 74.
Do.....	June 30-July 6....		17	
Madras.....	Mar. 24-June 1....	7	4	
Do.....	July 6-13.....	1	1	
Mandelay.....	May 5-June 15....		8	
Mergui.....	May 19-25.....		1	
Pegu.....	May 25-June 1....		1	
Rangoon.....	Mar. 31-May 18....	25	19	
Do.....	June 29-July 13...		1	
Indo-China.....				Jan. 1-Apr. 30, 1918: Cases, 437; deaths, 372.
Anam.....	Mar. 1-Apr. 30....	7	5	
Cambodia.....	Jan. 1-Apr. 30....	246	184	
Cochin-China.....	do.....	165	111	May 2-June 16, 1918; Cases, 66; deaths, 55.
Cholon.....	May 20-June 16....	4		
Saigon.....	Apr. 20-Aug. 4....	81	13	
Tonkin.....	Jan. 1-Apr. 30....	7	43	

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

Reports Received from June 29 to Oct. 11, 1918—Continued

CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Java:				
East Java—				
Surabaya.....	June 6-12.....	13	3	Present July 24.
Do.....	June 25-July 8....	97	77	
Mid-Java.....				Apr. 18-June 26, 1918: Cases, 864; deaths, 653. June 27-July 10, 1918; Cases, 133; deaths, 108.
Samarang.....	July 24.....			Present.
West Java.....				Feb. 22-June 27, 1918: Cases, 1,432; deaths, 869. June 28-July 18, 1918: Cases, 679; deaths, 418.
Batavia.....	Feb. 22-June 27....	231	103	
Do.....	June 23-July 18....	43	34	
Cheribon.....	June 7-27.....	146	111	
Persia:				
Provinces—				
Kars Province—				December, 1917: 3 or 4 deaths reported daily.
Kazaroun.....				
Mahour-Milati.....				Present in December, 1917, with about 300 fatal cases reported.
Kerman Province—				Outbreak, Feb. 5, 1918.
Kerman.....				
Khorasan.....				Oct. 2-Nov. 16, 1917: Cases, 78; deaths, 56. In 7 localities.
Scistan.....				Nov. 4, 1917: Cases, 6. A part of this Province or region extends into Afghanistan.
Philippine Islands:				
Provinces.....				Apr. 28-June 29, 1918: Cases, 677; deaths, 423. June 30-Aug. 10, 1918: Cases, 628; deaths, 348.
Bohol.....	Apr. 23-June 29....	65	63	
Do.....	July 7-Aug. 10....	240	141	
Capiz.....	Apr. 23-May 4.....	1	1	
Cebu.....	May 5-June 22....	35	19	
Do.....	June 30-Aug. 10....	203	122	
Leyte.....	Apr. 23-June 29....	108	59	
Do.....	June 30-July 6....	2	2	
Misamis.....	Apr. 23-June 22....	294	163	
Do.....	June 30-July 20....	74	35	
Oriental Negros.....	June 3-29.....	42	23	
Do.....	June 30-Aug. 10....	67	35	
Sorsogon.....	June 2-29.....	112	100	
Do.....	July 14-Aug. 10....	35	6	
Surigao.....	Apr. 23-June 22....	92	89	
Do.....	June 30-July 20....	7	7	
Russia:				
Astara.....	Jan. 9-Feb. 27....	58	48	In vicinity, Feb. 11-23, 1918: Cases, 17; deaths, 14. Province of Transcaucasia.
Petrograd.....	July 7.....			Present.
Sweden:				
Stockholm.....	July 15.....	5	1	From S. S. Angermanland from Petrograd, Russia.
Switzerland.....				July 26, 1918: Present.
On vessel:				
S. S. Angermanland.....	July 14.....	8	1	At Stockholm; from Petrograd.

PLAGUE.

Arabia:				
Aden.....	May 22-28.....		1	
Argentina:				
Buenos Aires.....	Apr. 20-May 22....	16	2	In March, 1918; 3 cases in an institution.
Tucuman.....				
Brazil:				
Bahia.....	June 16-22.....	1	1	
Ceylon:				
Colombo.....	Mar. 23-June 29....	22	21	
Do.....	June 30-July 6....	1	1	
China:				
Amoy.....	July 22-Aug. 11....			Present.
Hongkong.....	Apr. 14-June 29....	124	94	
Do.....	June 30-Aug. 10....	113	91	
Ecuador:				
Duran.....	Apr. 1-30.....	2		
Guavaquil.....	May 1-June 15....	28	10	
Do.....	July 1-31.....	1		Feb. 1-28, 1918: Cases, 22; deaths, 8.

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

Reports Received from June 29 to Oct. 11, 1918—Continued.

PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Egypt.....				Jan. 1-July 4, 1918: Cases, 438; deaths, 228.
Port Said.....	May 19-21.....	2	1	1 pneumonic.
Do.....	July 4.....	1	1	
Provinces—				
Assiout.....	July 27-29.....	2	1	
Beni-Souef.....	Apr. 26-30.....	2	1	
Fayoum.....	Apr. 21-June 27.....	10	4	
Gizeh.....	June 30.....	1	1	
Keneh.....	May 16.....	1	1	
Minieh.....	Apr. 23-June 10.....	33	14	5 septicemic.
Do.....	June 27-July 4.....	17	4	1 pneumonic.
Great Britain:				
Erwarton.....	June 19.....	1	1	Rural district, Samford, East Suffolk.
London, Port.....	Aug. 17.....	5	1	On vessel from Calcutta.
Rochester.....	June 2.....	1	1	From s. s. Somali at Gravesend from Bombay.
India.....				Mar. 31-June 22, 1918: Cases, 162,564; deaths, 131,929.
Bassein.....	Mar. 25-June 15.....		149	
Bombay.....	Mar. 24-June 15.....	930	750	
Calcutta.....	Apr. 14-June 29.....		110	May 19-June 1, 1918: Deaths, 30.
Do.....	June 30-July 6.....		9	
Henrada.....	Mar. 24-May 11.....		21	
Karachi.....	Apr. 21-June 29.....	879	807	
Do.....	June 30-July 13.....	17	17	
Madras Presidency.....	Mar. 24-June 15.....	493	302	
Mandalay.....	Mar. 17-Apr. 20.....		52	
Moulmein.....	Mar. 24-Apr. 27.....		127	
Myingyan.....	Mar. 17-Apr. 14.....		10	
Pegu.....	Apr. 14-June 15.....		13	
Prome.....	Mar. 24-June 15.....		34	
Rangoon.....	Mar. 30-June 22.....	433	418	
Do.....	June 30-July 13.....	95	90	
Toungoo.....	Mar. 24-Apr. 27.....		59	
Indo-China.....				Jan. 1-Apr. 30, 1918: Cases, 722; deaths, 534.
Anam.....	Jan. 1-Apr. 30.....	127	76	
Cambodia.....	do.....	290	278	
Cochin-China.....	do.....	227	121	May 29-June 8, 1918: Cases, 66; deaths, 30.
Cholon.....	May 20-June 8.....	12	6	
Saigon.....	Apr. 29-Aug. 4.....	86	38	
Kwang-Chow-Wan.....	Mar. 1-Apr. 30.....	63	38	
Laos.....	Feb. 1-28.....	4	2	
Tonkin.....	Mar. 1-Apr. 30.....	21	19	
Java:				
East Java.....				Jan. 15-Apr. 22, 1918: Cases, 328; deaths, 226.
Residences—				
Djorjakarta.....	Jan. 15-Apr. 8.....	3	34	
Kediri.....	do.....	13	10	
Madioen.....	do.....	30	30	
Samarang.....	do.....	82	81	
Surabaya.....	do.....	60	60	June 11-21, 1918: Cases, 21; deaths, 21. June 25-July 8, 1918: Cases, 16; deaths, 16.
Surakarta.....	do.....	12	12	
Mesopotamia:				
Amara.....	May 21-27.....			Present.
Bassora.....	do.....			Do.
Peru.....				Jan. 1-June 30, 1917: Cases, 245; deaths, 122. July 1-Dec. 31, 1917: Cases, 169; deaths, 89. For distribution according to Departments, see Public Health Reports, July 26, 1918, p. 1261. Apr. 1-May 31, 1918: Cases, 71.
Departments—				
Ancachs.....	Apr. 1-15.....	1		
Cajamarca.....	Apr. 16-May 31.....	7		
Lambayeque.....	do.....	8		
Libertad.....	Apr. 1-May 31.....	40		
Lima.....	do.....	6		
Piura.....	do.....	9		
Rhodesia.....				Aug. 30, 1918: Present in northern Rhodesia.
Siam:				
Bangkok.....	May 10-June 20.....	82	62	
Do.....	July 2-27.....	24	19	
Straits Settlements:				
Penang.....	June 2-29.....	6	6	
Do.....	June 30-July 27.....	3	2	
Singapore.....	Apr. 2-June 22.....	61	53	
Do.....	June 30-July 27.....	9	5	

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

Reports Received from June 29 to Oct. 11, 1918—Continued.

PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
On vessel:				
S. S. Hector.....	Aug. 10.....			At Gravesend, Port of London, 4 members of crew.
S. S. Moora.....	Aug. 31.....	3	2	At Dundee, Scotland, from Calcutta. One of cases pneumonic.
S. S. Somali.....	May 19.....	3	1	At Gravesend, England, from Bombay. Further case developed June 2 in member of crew at Rochester, England.
S. S. Sunning.....			1	Local steamer at Shanghai; reported Aug. 14, 1918.

SMALLPOX.

Algeria:				
Algiers.....	May 1-June 30.....	121	34	
Do.....	July 1-31.....	1		
Brazil:				
Bahia.....	May 5-June 22.....	2		
Rio de Janeiro.....	May 5-June 29.....	30	4	
Do.....	June 30-Aug. 3.....	80	17	
Santos.....	Apr. 22-28.....		1	
British East Africa:				
Mombasa.....	Jan. 1-June 30.....		5	
Canada:				
British Columbia—				
Victoria.....	June 23-29.....	4		
Do.....	July 7-Aug. 3.....	2		
Manitoba—				
Winnipeg.....	June 9-22.....	5		
Do.....	July 7-20.....	4		
New Brunswick—				
Moncton.....	June 16-22.....	2		
Do.....	July 7-13.....	4		
Nova Scotia—				
Halifax.....	June 22-28.....	10		
Do.....	June 30-Sept. 21.....	88		
Sydney.....	June 30-Aug. 31.....	3		
Ontario.....				
Windsor.....	July 21-27.....	1		June 1-30, 1918: Cases, 15. July 1-31, 1918: Cases, 38.
Prince Edward Island—				
Summerside.....	July 9-15.....	1		
Quebec—				
Montreal.....	July 7-13.....	1		
Canal Zone:				
Panama.....	Aug. 12-Sept. 5.....	23		19 cases from one area; 4 scattered.
Ceylon:				
Colombo.....	Mar. 22-June 29.....	30	2	
Do.....	June 30-July 6.....	4		
China:				
Amoy.....	Apr. 1-June 29.....			Present.
Do.....	June 30-Aug. 11.....			Do.
Antung.....	May 20-Aug. 4.....	7	1	
Chungking.....	May 12-June 29.....			Do.
Do.....	July 21-27.....			Do.
Dairen.....	May 7-July 1.....	51	10	
Do.....	July 2-15.....	6	1	
Hailar Station.....	Feb. 12-18.....	2		Chinese Eastern Ry.
Harbin.....	Mar. 20-June 3.....	4		Do.
Manchuria Station.....	Feb. 19-June 9.....	5		Do.
Hongkong.....	Apr. 6-June 8.....	19	2	
Do.....	July 28-Aug. 3.....	1	1	
Nanking.....	June 16-22.....			Present.
Do.....	June 30-Aug. 17.....			Do.
Shanghai.....	Apr. 21-June 2.....	3		
Tientsin.....	May 19-June 15.....	19		
Tsingtau.....	May 6-June 30.....	28	1	
Do.....	July 1-14.....	4		
Colombia:				
Barranquilla.....	July 14-Aug. 31.....	3	1	
Cartagena.....	May 21-July 1.....		2	
Do.....	July 8-Aug. 19.....		2	
Denmark:				
Copenhagen.....	June 16-22.....	18		
Do.....	July 29-Aug. 17.....	8		

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

Reports Received from June 29 to Oct. 11, 1918—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Ecuador:				
Guayaquil.....	Apr. 1-30.....	2		
Egypt:				
Alexandria.....	May 7-13.....	1		
France:				
I a Rochelle.....	June 2-8.....	1	1	
Paris.....	Apr. 21-June 29...	14	3	
Do.....	June 30-Aug. 17....	12	2	
Rouen.....	May 12-June 15....	6		Including varioloid.
Germany.....				Mar. 24-June 1, 1918: Cases, 29.
Great Britain:				
Liverpool.....	June 9-15.....	1		From vessel.
Greece:				
Kalamata.....	June 26.....			Present.
India:				
Bombay.....	Mar. 24-June 15....	1,132	533	
Calcutta.....	Apr. 14-June 29....		246	
Do.....	June 30-July 6....		8	
Karschl.....	Apr. 6-June 29....	206	149	
Do.....	June 30-July 13....	2	2	
Madras.....	Mar. 21-June 15....	77	27	
Do.....	June 30-July 13....	18	12	
Rangoon.....	Mar. 31-June 22....	81	35	
Do.....	June 30-July 13....	3	2	
Indo-China:				
Anam.....	Jan. 1-Apr. 30....	1,258	149	Jan. 1-Apr. 30, 1918: Cases, 4,04
Cambodia.....	do.....	173	48	deaths, 888.
Cochin-China.....	do.....	1,967	697	May 20-June 16, 1918: Cases, 67;
Cholon.....	May 20-June 16....	1		deaths, 24.
Saigon.....	July 30-Aug. 4....	20	3	
Kwang-Chow-Wan.....	Feb. 1-Apr. 30....	122	68	
Laos.....	Jan. 1-Feb. 28....	8	1	
Tonkin.....	Jan. 1-Apr. 30....	514	55	
Italy:				
Genoa.....	June 14-30.....	19	5	
Do.....	July 2-Aug. 15....	30	7	
Mezsojuso.....	May 29.....			Many cases. Province of Pale-
Milan.....				mo, Sicily.
Palermo.....	May 30-June 5....	1		In April, 1918: Cases, 2. May 1-
Turin.....	Apr. 15-June 9....	16	1	31, 1918: Cases, 54.
Japan:				
Nagasaki.....	May 2-June 30....	14	2	
Do.....	July 1-21.....	1	1	
Taihoku.....	May 21-July 1....	18	9	Island of Formosa.
Do.....	July 2-21.....	4	2	
Tokyo.....	May 5-June 23....	17		Feb. 14-Mar. 13, 1918: Cases, 15.
Java:				
East Java.....				Feb. 12-Apr. 22, 1918: Cases, 29;
Surabaya.....	Feb. 26-June 24....	10	3	deaths, 4.
Do.....	June 25-July.....	1		
Mid-Java.....				Feb. 14-June 26, 1918: Cases, 11;
West Java.....				deaths, 3. June 27-July 10,
Batavia.....	Feb. 2-June 27....	103	50	1918: Cases, 19.
Do.....	June 28-July 18....	43	34	Feb. 22-June 27, 1918: Cases, 40;
Mesopotamia:				deaths, 148. June 28-July 18,
Bagdad.....	Mar. 6-June 28....	47	7	1918: Cases, 175; deaths, 70.
Do.....	June 30-July 12....	3		
Mexico:				
Agascalientes.....	June 10-16.....		1	
Guadalajara.....	June 1-30.....	3		
Do.....	July 1-31.....	1		
Mazatlan.....	June 5-25.....		2	
Do.....	July 3-Aug. 6.....		3	
Mexico City.....	May 19-June 22....	78		
Do.....	June 30-Aug. 31....	26		
Vera Cruz.....	Sept. 16-22.....	3		
Newfoundland:				
Bay Roberts.....	Aug. 23-Sept. 13....	8		
Carmanville.....	Aug. 31-Sept. 6....	2		
Colliers.....	Aug. 31-Sept. 13....	6		
East Wabana.....	Aug. 23-30.....	1		
St. Johns.....	June 22-28.....	1		
Do.....	Sept. 1-27.....	1		
Wabana.....	Aug. 31-Sept. 6....	16		Bell Island.
Wadhams.....	Sept. 7-13.....	7		

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

Reports Received from June 29 to Oct. 11, 1918—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Philippine Islands:				
Manila.....	Apr. 28-June 29....	884	616	Varioloid: Cases, 176; 1 death.
Do.....	June 30-Aug. 3....	100	86	Varioloid: Cases, 5; 1 death.
Portugal:				
Lisbon.....	Feb. 24-June 29....	97	.....
Do.....	June 30-Aug. 3....	53	.....
Russia:				
Archangel (government).....	June 1-30.....	60	.....
Lithuania.....	Mar. 3-May 4.....	86	3	
Vladivostok.....	June 15-30.....	8	2	
Siam:				
Bangkok.....	May 11-June 29....	9	3	
Do.....	July 14-27.....	1	1	
Siberia:				
Vladivostok.....	May 1-June 15....	31	5	
Spain:				
Coruna.....	Apr. 26-June 30....	1	1	
Do.....	July 15-Aug. 11....	.....	2	
Malaga.....	Dec. 1-31.....	.....	29	
Do.....	Jan. 1-31.....	.....	16	
Seville.....	Apr. 1-May 31.....	.....	2	
Valencia.....	Aug. 11-17.....	2	.....
Straits Settlements:				
Penang.....	May 5-11.....	2	.....
Sweden:				
Stockholm.....	June 9-15.....	10	.....
Tunisia:				
Tunis.....	July 20-Aug. 23....	.....	2	
Union of South Africa:				
Johannesburg.....	Feb. 1-Apr. 30....	37	.....
On vessel.....				1 case. At Liverpool, England.

TYPHUS FEVER.

Argentina:				
Rosario.....	Apr. 1-May 31....	.....	2	
Austria-Hungary:				
Hungary.....				Feb. 25-Apr. 23, 1918: Cases, 209; deaths, 9.
Budapest.....	Feb. 25-Apr. 23....	51	1	
Brazil:				
Rio de Janeiro.....	May 28-June 8....	2	.....
Do.....	July 7-13.....	1	.....
Canada:				
Ontario—				
Toronto.....	Sept. 1-7.....	1	.....
China:				
Antung.....	May 20-June 9....	4	.....
Do.....	July 8-21.....	1	1	
Changsha.....	May 11-17.....	2	1	
Harbin.....	Jan. 1-June 16....	37	.....	On Chinese Eastern Ry.
Manchuria Station.....	Jan. 15-June 30....	41	.....	Do.
Pogranitchnaya.....	May 20-June 16....	4	.....
Shanghai.....	May 5-11.....	.....	1	
Do.....	July 14-20.....	1	.....
Chosen (Korea):				
Seoul.....	June 1-30.....	17	4	
Colombia:				
Barranquilla.....	Aug. 25-Sept. 7....	.....	2	
Egypt:				
Alexandria.....	Aug. 5-July 1....	1,362	321	
Do.....	July 2-Aug. 19....	381	163	
Germany.....				Apr. 14-May 11, 1918: Cases, 64; deaths, 4. In addition, 101 cases among prisoners of war, of which 99 in Königsberg and 1 in Oppeln, and 3 cases among the repatriated from Vothyash, Russia.
Great Britain:				
Belfast.....	May 24-June 1....	1	.....
Edinburgh.....	June 9-15.....	.....	1	
Glasgow.....	May 19-June 29....	13	8	
Do.....	July 21-Aug. 3....	3	.....

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

Reports Received from June 29 to Oct. 11, 1918— Continued.

TYPHUS FEVER—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Greece:				
Athens.....	Apr. 14-May 13.....		5	
Janina.....	Aug. 29.....	15		And in vicinity.
Saloniki.....	Apr. 28-June 29.....		36	
Do.....	June 30-Aug. 17.....	9	36	
Italy:				
Corato.....	May 6-June 2.....	4		Province of Bari.
Do.....	Aug. 18-24.....	2		
Moneta.....	May 6-June 9.....	25		Do.
Naples.....	Apr. 20-May 5.....	1		
Japan:				
Kobe.....	July 7-Aug. 3.....	10	5	
Nagasaki.....	May 27-June 23.....	1	1	
Do.....	July 3-Aug. 11.....	7	1	
Tokyo.....	June 24-July 7.....	1		
Java:				
East Java.....				Feb. 12-Apr. 8, 1918: Cases, 29; deaths, 8.
Surabaya.....	Feb. 12-Apr. 8.....	22	6	
Mid-Java.....				Feb. 14-May 22, 1918: Cases, 32; deaths, 4.
Samarang.....	Feb. 21-May 22.....	10	2	
West Java.....				Feb. 28-June 6, 1918: Cases, 80; deaths, 18.
Batavia.....	Feb. 28-June 6.....	61	15	
Mesopotamia:				
Bagdad.....	Mar. 29-June 7.....	101		
Do.....	June 30-July 12.....	5		
Mexico:				
Aguascalientes.....	July 8-14.....		1	Epidemic: Reported present from about June 15, 1918.
Chihuahua, State—Parral.....	July 10.....		2	
Guadalajara.....	June 1-30.....	5	2	
Do.....	July 1-31.....	5	2	
Mexico City.....	May 19-June 22.....	186		
Do.....	June 30-Aug. 31.....	372		
Portugal:				
Lisbon.....	Feb. 24-May 25.....	5		
Siberia:				
Vladivostok.....	May 1-June 15.....	16	2	
Russia:				
Lithuania.....				Mar. 3-May 4, 1918: Cases, 2,514; deaths, 100.
Poland.....				Mar. 10-May 18, 1918: Cases, 8,593; deaths, 766.
Lodz.....	Mar. 10-May 18.....	470	79	
Warsaw.....	Mar. 10-Apr. 27.....	2,428	376	
Spain:				
Cadiz.....	Aug. 1-31.....		1	
Almeria.....	Apr. 1-30.....	1		
Sweden:				
Stockholm.....	Aug. 11-17.....	1		
Tunisia:				
Tunis.....	May 18-June 28.....	10	3	
Do.....	June 29-July 26.....	5	2	
Union of South Africa:				
Cape of Good Hope, State.....				Sept. 10, 1914-Apr. 21, 1918: Cases, 4,587 (European, 34); deaths, 939 (European, 25). June 2-15, 1918: Present in interior towns among natives.
Do.....				July 8-Aug. 3, 1918: Present in interior towns, Port Elizabeth district.
Natal.....				Dec. 1, 1917-Apr. 21, 1918: Cases, 50; deaths, 11.

YELLOW FEVER.

Brazil:				
Bahia.....	Apr. 27-June 29.....	27	9	
Do.....	June 30-July 6.....	4	2	
Pernambuco.....	June 1-15.....		1	
Ecuador:				
Guayaquil.....	Apr. 1-June 30.....	74	39	
Do.....	July 1-31.....	26	9	And vicinity. Feb. 15-28, 1918: Cases, 2.
Naranjal.....	Apr. 1-June 30.....	2	1	