

PUBLIC HEALTH REPORTS

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No. 5

TYPHUS FEVER.

MEASURES FOR THE PREVENTION OF ITS INTRODUCTION AT EL PASO, TEX.

On account of the increased prevalence of typhus fever throughout Mexico and its presence in the Mexican border towns, the disinfection facilities operated by the Public Health Service at El Paso have been materially enlarged. All incoming travelers are inspected, and those that appear to be vermin-infested are given treatment at the disinfection building. Their clothes and personal effects are sterilized by steam and their persons freed of vermin by the application of gasoline or a mixture of vinegar and kerosene.

As an additional precaution in preventing the interstate spread of the infection from El Paso, the railroad companies have been instructed not to issue transportation to Mexican laborers unless they present a certificate of disinfection from the Public Health Service officer in charge of the border quarantine. This measure serves the purpose of apprehending those travelers that might have effected clandestine entry into the United States.

The following circulars have been issued by Senior Surg. Pierce, in charge of border quarantine:

UNITED STATES PUBLIC HEALTH SERVICE,

El Paso, Tex., January 23, 1917.

To quarantine officers, collectors of customs, United States immigration officials, and others concerned:

On account of the widespread prevalence of typhus fever throughout Mexico, and its presence in the Mexican border towns, and the danger of the introduction of the infection into the United States, the port of El Paso, Tex., will be closed to all travel from Mexico between the hours of 7 p. m. and 7 a. m., effective 7 p. m. Saturday, January 27, 1917.

This order is published in accordance with authority of the United States Public Health Service, under the provisions of section 7 of the act of February 15, 1893.

All persons entering El Paso, Tex., from Mexico between the hours of 7 a. m. and 7 p. m. will be subject to quarantine inspection and disinfection of their person and effects when considered necessary or advisable by the quarantine officer.

UNITED STATES PUBLIC HEALTH SERVICE,
El Paso, Tex., January 24, 1917.

To transportation companies and others concerned:

Effective this date no Mexicans of the laboring class or their families are to be furnished transportation from El Paso to any other point in the United States unless they present, at the time the transportation is requested, a certificate from the United States Public Health Service similar to the one attached hereto. This certificate must be signed by the officer in charge at El Paso, and be dated not more than 24 hours prior to the time of presentation.

Further, no baggage belonging to persons of the class above mentioned shall be checked or allowed to be taken into any car unless it bears a certificate of disinfection similar to the card attached hereto.

An inspector of the United States Public Health Service will be stationed at the Union Depot to assist in enforcing this restriction, and those furnishing transportation should refer to this inspector persons that require certificates so that he may direct them to the disinfecting plant.

These certificates need not be taken up by the transportation companies from authorized labor agencies using party tickets or passes for laborers, as the employment agents will be responsible for persons shipped by them. All other Mexicans that buy their own tickets will have their certificates taken up by the transportation company, and such certificates are to be returned to the United States Public Health Service each day in envelopes to be provided for that purpose.

INTERSTATE SANITARY RELATIONS.¹

By W. C. RUCKER, Assistant Surgeon General, United States Public Health Service.

Increase in population and ease of travel in the United States have vastly changed the sanitary relations existing between the States since the formation of our Government. Originally a sparsely populated fringe of colonies bordering the Atlantic coast, having no railroads and few highways, and depending for the most part upon slow sailing craft, we have become a Nation which extends from ocean to ocean, the component parts of which are in intimate relation with one another by swiftly moving trains and rapid steamships. The original isolation of the States has ceased to be and the integration of our national life has become such that insanitary conditions in one part of the Republic must inevitably exert an untoward effect upon almost the entire body politic. As the country has become more thickly populated there has occurred a pollution of the interstate streams which endangers the water supplies of other States. The invention of refrigerator cars and the introduction of intensive methods of farming, particularly of truck gardening, have made it possible for infection to be rapidly carried in a viable state for long distances, and modern transportation has made equally possible the rapid carriage of infected persons from State to State. It is thus seen that the interstate sanitary relations of the United States are

¹ Read before the American Academy of Medicine, Detroit, Mich., June 10, 1916.

exceedingly complex, touching every stratum of life and bearing upon the health of every American inhabitant.

The United States has created a first line of defense against disease from abroad. This has taken the form of the maritime and overland foreign quarantine, and may be called our coast defenses against disease. So long as we continue to maintain our foreign quarantine on an efficient scientific basis we have relatively little to fear from the importation of disease from other countries. As witness of the efficiency of the system may be cited the fact that no case of yellow fever has occurred in the United States since 1905; that despite the fact that cholera was widespread in epidemic form in many parts of Europe in 1910 it gained no foothold in the United States; and that whenever plague has appeared in an American seaport it has been speedily stamped out before it has had an opportunity for further spread. As a matter of fact, it may be stated that so far as the major pestilences are concerned they have practically ceased to exist as regards the interior of our country, and that we are now free to devote ourselves to the conquest of those commoner and more familiar diseases which, in their end result, are a far greater menace to our national health. At the present time measles exerts a far more harmful influence on national health than does bubonic plague, and while there is always a certain danger of the importation of typhus fever by lousy persons who evade quarantine, still our ability to control this disease is such that we have little to fear from it. The great problem which concerns us is the control of disease by the States and the prevention of interstate spread by the Federal Government.

The constitutional right of the General Government to control disease rests entirely upon the commerce clause. The police powers of States being reserved to the States, the sanitary policy of our Government looks to the individual States to control disease within their respective borders and to the General Government to prevent the passage of disease over the borders of an infected State into another State. The line of demarkation between the sanitary duties of the States and those of the General Government is not and can not be sharply drawn. If the commerce clause may be invoked to prevent the interstate movement of manufactured articles produced by child labor within the borders of a sovereign State, it is seen that it would be equally proper for the General Government to prevent the interstate movement of foodstuffs manufactured under insanitary conditions within the borders of a sovereign State.

The complexity of this problem is such that unless due care is observed there will be an enormous overlapping and reduplication in the sanitary work of the United States; and if the General Government were to go to the extreme of its power in the control of

commerce between the States there would be relatively little need for State departments of health. Carried still further, this argument would abolish municipal and county health authorities and place the entire operation of health matters upon the shoulders of the Federal Government. This would be a *reductio ad absurdum* entirely out of harmony with the principles upon which our Nation is founded. It would therefore follow that in the sanitary relations between the States there must be a unity of purpose on the part of the counties, districts, and cities of every State with the State officials and that all States must perform their functions with uniformity and with due regard to the Union of the States.

This principle was gradually evolved and it was not until 1893 that it assumed a definite form. The sanitary history of our Government shows a constant movement to this end. In the early days of the Republic the States were very jealous of their own rights and fearful lest the General Government should in any way interfere with the discharge of State functions. This was soon seen to be impractical in the administration of quarantine and a definite attempt was made in the Third Congress to relinquish that portion of the police power to the Federal Government. This attempt failed and until 1878 all quarantine measures adopted by the Nation as a whole were in aid of State health authorities. Then followed the period in which States operated maritime quarantines according to a minimum standard which was set by the national health authorities. In 1893 the Government not only assumed the right to set the minimum standard of maritime quarantine but to take charge of State quarantines and to operate them once they were transferred to the authorities at Washington. More than this, the act of February 15, 1893, definitely recognized the Government's duty not only in excluding disease from abroad but in preventing its spread from State to State.

Under this authority of law the interstate quarantine regulations have been promulgated. For the present these concern themselves with the regulation of common carriers for the protection of the health of passengers, for the safeguarding of persons living along the right of way, and for the handling of the communicable diseases so as to check so far as possible their interstate spread.

These regulations indirectly exert a tremendously beneficial effect upon national health. For example, common carriers carrying passengers in interstate traffic may not furnish to passengers drinking water below a certain standard. The sources of the water supplies are certified semiannually and oftener under certain circumstances. As a result many cities have improved their water supplies rather than have them discontinued for use on trains by Federal order. The abolition of the common drinking cup and the common roller

towel by these regulations also exerts a very salutary educational effect upon the public mind. Eventually the interstate quarantine regulations will take into account the interstate shipment of milk and other foods, but as yet the Government's health machinery is not large enough to attack this phase of the problem. In the interstate sanitary relations the work which may be carried on in this way is limitless and there are many things remaining which the National Health Service can and should do. In the doing of these things, however, the policy should be that of upbuilding and strengthening the State departments of health to the greatest possible degree. They should be encouraged and if necessary aided in the performance of their functions, but the General Government should assume none of the duties which properly belong to them and their sanitary rights should be scrupulously observed. So far as purely intrastate matters are concerned the governing principle should be that of sanitary home rule, while in interstate relations and the protection of all the States against the diseases of the outside world the Federal forces should be supreme.

It is not, however, practical for the States to control every situation or to grapple with every problem which arises within their borders. Economy demands that the overhead expert machinery be maintained by the States at a standard sufficient for ordinary needs and that in time of great stress the General Government be called upon for aid. The States maintain a militia for the preservation of peace within their jurisdiction, but in time of public danger the Army is requisitioned lest harm be done to other States. Similarly in time of grave epidemic the States very properly call upon the Public Health Service for its experts speedily to eradicate the disease before it can spread to other States. This is an economy and makes for efficiency in the protection of national health.

In the matter of research the Federal Government can and should render equal aid. To maintain 48 corps of field and laboratory workers would be a needless expense when one set of Federal experts could perform the duty. What is done for one State in this way profits all the States, and a single worker can make similar investigations of conditions within each of the States one after another. In the broader field of research the Federal Government very properly makes studies of diseases which are widespread and which therefore affect the health of many States. The results of this work are available to all the States. The collection of morbidity and mortality statistics primarily rests upon the States, but their assemblage into form which fits them for use is the duty of the General Government. In a similar way the publication of the results of scientific studies and the work of popularizing hygiene and sanitation are functions which

economy, efficiency, and expediency dictate should devolve on the Federal health body. For example, the stereopticon loan library of the Public Health Service is able to render excellent aid to health lectures throughout the Nation, while the Health News reaches 1,500 newspapers and millions of readers.

To sum up, there are certain clearly defined functions which must be discharged by State and local health authorities. Equally there are definite duties devolving upon the Federal Government. Between these two there is a zone in which either may do the work, separately or in cooperation. To accomplish this properly there must be a harmony and unison of purpose to the end that the health of the Nation may prosper.

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.

ANTHRAX.

West Virginia Report for December, 1916.

During the month of December, 1916, one case of anthrax was reported in West Virginia.

CEREBROSPINAL MENINGITIS.

State Reports for December, 1916.

| Place. | New cases reported. | Place. | New cases reported. |
|------------------------|---------------------|------------------------|---------------------|
| Connecticut: | | South Carolina: | |
| Hartford County— | | Darlington County..... | 1 |
| Hartford..... | 1 | Greenwood County..... | 1 |
| Manchester..... | 2 | | |
| New Haven County— | | Total..... | 2 |
| Waterbury..... | 1 | | |
| Total | 4 | | |
| Iowa: | | West Virginia: | |
| Boone County..... | 1 | McDowell County..... | 1 |
| | | Webster County..... | 1 |
| | | Total..... | 2 |
| Louisiana: | | | |
| Bossier Parish..... | 1 | | |
| Tangipahoa Parish..... | 1 | | |
| Total..... | 2 | | |

City Reports for Week Ended Jan. 13, 1917.

| Place. | Cases. | Deaths. | Place. | Cases. | Deaths. |
|----------------------|--------|---------|------------------------|--------|---------|
| Boston, Mass..... | 1..... | | Milwaukee, Wis..... | 1..... | 1 |
| Butler, Pa..... | 1..... | | Montclair, N. J..... | 1..... | |
| Chicago, Ill..... | 4..... | 2 | New Bedford, Mass..... | | 1 |
| Cleveland, Ohio..... | 1..... | 2 | New York, N. Y..... | 4..... | 3 |
| Detroit, Mich..... | 1..... | 1 | Philadelphia, Pa..... | 5..... | 2 |
| Dubuque, Iowa..... | 1..... | 1 | Pittsburgh, Pa..... | 1..... | |
| El Paso, Tex..... | 2..... | 1 | Springfield, Mass..... | | 1 |
| Hartford, Conn..... | 1..... | | Watertown, N. Y..... | | |
| Kansas City, Mo..... | | 1 | Worcester, Mass..... | 1..... | |
| Lowell, Mass..... | 1..... | | York, Pa..... | 1..... | |

DIPHTHERIA.

See Diphtheria, measles, scarlet fever, and tuberculosis, page 212.

ERYSIPelas.

City Reports for Week Ended Jan. 13, 1917.

| Place. | Cases. | Deaths. | Place. | Cases. | Deaths. |
|-------------------|--------|---------|----------------------|--------|---------|
| Baltimore, Md. | 4 | | Milwaukee, Wis. | 4 | |
| Boston, Mass. | | 1 | Newark, N. J. | 6 | |
| Buffalo, N. Y. | 7 | 2 | New York, N. Y. | | 8 |
| Cambridge, Mass. | | 1 | Niagara Falls, N. Y. | 2 | |
| Canton, Ohio | 1 | 1 | Omaha, Nebr. | 2 | 1 |
| Chicago, Ill. | 38 | 1 | Pasadena, Cal. | 1 | |
| Cincinnati, Ohio | 4 | 3 | Philadelphia, Pa. | 3 | 3 |
| Cleveland, Ohio | 9 | 1 | Pittsburgh, Pa. | 11 | 2 |
| Denver, Colo. | 3 | | Portland, Oreg. | 2 | |
| Detroit, Mich. | 7 | 2 | Reading, Pa. | 2 | |
| Erie, Pa. | 1 | | Rochester, N. Y. | 2 | |
| Kalamazoo, Mich. | 1 | 1 | St. Louis, Mo. | 14 | 1 |
| Kansas City, Mo. | | 1 | San Francisco, Cal. | 1 | |
| Lincoln, Nebr. | 1 | | Tacoma, Wash. | 2 | |
| Little Rock, Ark. | 1 | | York, Pa. | 2 | |
| Los Angeles, Cal. | 2 | | | | |

LEPROSY.

Louisiana Report for December, 1916.

During the month of December, 1916, two cases of leprosy were reported in New Orleans, La.

City Report for Week Ended Jan. 13, 1917.

During the week ended January 13, 1917, one case of leprosy was reported in San Francisco, Cal.

MALARIA.

State Reports for December, 1916.

| Place. | New cases reported. | Place. | New cases reported. |
|--------------------|---------------------|------------------------|---------------------|
| Louisiana: | | Mississippi—Continued. | |
| Acadia Parish | 3 | Calhoun County | 18 |
| Bossier Parish | 9 | Carroll County | 56 |
| Caddo Parish | 1 | Chickasaw County | 8 |
| Calcasieu Parish | 1 | Choctaw County | 30 |
| De Soto Parish | 2 | Claiborne County | 74 |
| Jackson Parish | 1 | Clarke County | 29 |
| Morehouse Parish | 3 | Clay County | 38 |
| Ouachita Parish | 4 | Coahoma County | 381 |
| St. Charles Parish | 2 | Copiah County | 117 |
| St. John Parish | 2 | Covington County | 69 |
| St. Mary Parish | 4 | De Soto County | 35 |
| Tangipahoa Parish | 2 | Forest County | 84 |
| Washington Parish | 1 | Franklin County | 34 |
| Total | 35 | George County | 22 |
| | | Greene County | 6 |
| Mississippi: | | Grenada County | 80 |
| Adams County | 38 | Hancock County | 56 |
| Alcorn County | 20 | Harrison County | 81 |
| Amite County | 35 | Hinds County | 243 |
| Attala County | 52 | Holmes County | 207 |
| Benton County | 12 | Issaquena County | 41 |
| Bolivar County | 325 | Itawamba County | 52 |
| | | Jackson County | 22 |

MALARIA—Continued.

State Reports for December, 1916—Continued.

| Place. | New cases reported. | Place. | New cases reported. |
|-------------------------------|---------------------|-------------------------------|---------------------|
| Mississippi—Continued. | | Mississippi—Continued. | |
| Jasper County..... | 49 | Sharkey County..... | 37 |
| Jefferson County..... | 29 | Simpson County..... | 41 |
| Jefferson Davis County..... | 9 | Smith County..... | 45 |
| Jones County..... | 114 | Stone County..... | 36 |
| Kemper County..... | 37 | Sunflower County..... | 353 |
| Lafayette County..... | 17 | Tallahatchie County..... | 122 |
| Lamar County..... | 51 | Tate County..... | 119 |
| Lauderdale County..... | 81 | Tippah County..... | 28 |
| Lawrence County..... | 70 | Tishomingo County..... | 20 |
| Leake County..... | 44 | Tunica County..... | 111 |
| Lee County..... | 69 | Union County..... | 44 |
| Leflore County..... | 263 | Walthall County..... | 14 |
| Lincoln County..... | 35 | Warren County..... | 189 |
| Lowndes County..... | 12 | Washington County..... | 169 |
| Madison County..... | 56 | Wayne County..... | 56 |
| Marion County..... | 113 | Webster County..... | 20 |
| Marshall County..... | 46 | Wilkinson County..... | 11 |
| Monroe County..... | 44 | Winston County..... | 32 |
| Montgomery County..... | 16 | Yalobusha County..... | 44 |
| Neshoba County..... | 67 | Yazoo County..... | 293 |
| Newton County..... | 18 | | |
| Noxubee County..... | 33 | Total..... | 5,746 |
| Oktibbeha County..... | 42 | | |
| Panola County..... | 72 | South Carolina: | |
| Pearl River County..... | 20 | Calhoun County..... | 6 |
| Perry County..... | 27 | Dorchester County..... | 3 |
| Pike County..... | 54 | Greenwood County..... | 3 |
| Pontotoc County..... | 48 | Marion County..... | 7 |
| Prentiss County..... | 29 | Union County..... | 5 |
| Quitman County..... | 60 | York County..... | 6 |
| Rankin County..... | 24 | | |
| Scott County..... | 38 | Total..... | 30 |

City Report for Week Ended Jan. 13, 1917.

During the week ended January 13, 1917, one case of malaria was reported in San Francisco, Cal.

MEASLES.

Alaska—Ketchikan.

Acting Asst. Surg. Story reported that during the week ended January 20, 1917, 11 cases of measles with 1 death were notified in Ketchikan, Alaska, making a total of 64 cases with 1 death reported since the beginning of the present outbreak, about December 15, 1916.

See also Diphtheria, measles, scarlet fever, and tuberculosis, page 212.

PELLAGRA.

State Reports for December, 1916.

| Place. | New cases reported. | Place. | New cases reported. |
|------------------------------|---------------------|--------------------------|---------------------|
| Louisiana: | | Mississippi—Continued. | |
| East Baton Rouge Parish..... | 1 | Monroe County..... | 3 |
| Orleans Parish..... | 2 | Montgomery County..... | 3 |
| Total..... | 3 | Neshoba County..... | 3 |
| Amite County..... | 2 | Newton County..... | 1 |
| Bolivar County..... | 14 | Noxubee County..... | 5 |
| Carroll County..... | 3 | Oktibbeha County..... | 1 |
| Chickasaw County..... | 4 | Perry County..... | 2 |
| Choctaw County..... | 2 | Pike County..... | 3 |
| Claiborne County..... | 1 | Quitman County..... | 3 |
| Clay County..... | 2 | Rankin County..... | 3 |
| Coahoma County..... | 24 | Scott County..... | 3 |
| Copiah County..... | 1 | Simpson County..... | 4 |
| Covington County..... | 4 | Sunflower County..... | 8 |
| De Soto County..... | 2 | Tallahatchie County..... | 11 |
| Forest County..... | 6 | Tate County..... | 2 |
| George County..... | 1 | Tippah County..... | 4 |
| Harrison County..... | 6 | Tishomingo County..... | 2 |
| Hinds County..... | 15 | Tunica County..... | 2 |
| Holmes County..... | 8 | Walthall County..... | 3 |
| Itawamba County..... | 3 | Warren County..... | 9 |
| Jasper County..... | 3 | Washington County..... | 9 |
| Jefferson County..... | 1 | Wayne County..... | 2 |
| Kemper County..... | 1 | Yalobusha County..... | 1 |
| Lafayette County..... | 2 | Yazoo County..... | 12 |
| Lamar County..... | 2 | Total..... | 242 |
| Lauderdale County..... | 6 | South Carolina: | |
| Lawrence County..... | 4 | Greenwood County..... | 1 |
| Leake County..... | 1 | Marion County..... | 1 |
| Lee County..... | 3 | Richland County..... | 1 |
| Leflore County..... | 2 | Spartanburg County..... | 1 |
| Lincoln County..... | 3 | Total..... | 4 |
| Marion County..... | 5 | West Virginia: | |
| Marshall County..... | 7 | McDowell County..... | 1 |

City Report for Week Ended Jan. 13, 1917.

During the week ended January 13, 1917, one fatal case of pellagra was reported in Ann Arbor, Mich.

PNEUMONIA.

City Reports for Week Ended Jan. 13, 1917.

| Place. | Cases. | Deaths. | Place. | Cases. | Deaths. |
|-------------------------|--------|---------|-------------------------|--------|---------|
| Alameda, Cal..... | 1 | ..... | Morristown, N. J..... | 1 | ..... |
| Beaver Falls, Pa..... | 1 | ..... | Newark, N. J..... | 65 | 27 |
| Berkeley, Cal..... | 3 | 1 | New Castle, Pa..... | 2 | ..... |
| Binghamton, N. Y..... | 6 | 4 | Newport, Ky..... | 1 | 1 |
| Braddock, Pa..... | 2 | ..... | Pasadena, Cal..... | 3 | 2 |
| Chicago, Ill..... | 357 | 142 | Philadelphia, Pa..... | 222 | 108 |
| Cleveland, Ohio..... | 62 | 32 | Pittsburgh, Pa..... | 74 | 53 |
| Coffeyville, Kans..... | 2 | ..... | Reading, Pa..... | 4 | 4 |
| Detroit, Mich..... | 13 | 28 | Rochester, N. Y..... | 17 | ..... |
| Dubuque, Iowa..... | 3 | 3 | Rocky Mount, N. C..... | 1 | 1 |
| Grand Rapids, Mich..... | 17 | 7 | Saginaw, Mich..... | 1 | ..... |
| Harrison, N. J..... | 1 | ..... | Sandusky, Ohio..... | 3 | ..... |
| Jackson, Mich..... | 2 | 2 | San Francisco, Cal..... | 32 | 22 |
| Kalamazoo, Mich..... | 6 | 4 | Schenectady, N. Y..... | 2 | ..... |
| Kansas City, Mo..... | 14 | 26 | Topeka, Kans..... | 5 | 1 |
| Lancaster, Pa..... | 6 | ..... | Wichita, Kans..... | 8 | 3 |
| Los Angeles, Cal..... | 17 | 15 | York, Pa..... | 5 | ..... |
| Manchester, N. H..... | 5 | 5 | | | |

POLIOMYELITIS (INFANTILE PARALYSIS).

West Virginia—Winter Outbreak.

Passed Asst. Surg. Leake reports that a house-to-house survey of the city of Elkins, W. Va., to discover abortive and unreported cases of poliomyelitis is being made. Valuable epidemiological data should be obtained as a result. All reasonable precautions against the interstate spread of the disease are being taken. No persons from houses where there are reported cases of the disease and no children are allowed to leave the infected cities.

On January 25, 1917, Passed Asst. Surg. Leake reported that one additional case of poliomyelitis had been notified at Fairmont, W. Va.

No new case of poliomyelitis has been reported at Elkins or at Grafton since January 13. Since December 15, 1916, there have been 60 cases reported at Elkins, 26 cases at Grafton, 8 cases at Fairmont, and 1 at Morgantown. The totals for Elkins and Grafton include abortive and "probable" cases. Those for Fairmont and Morgantown include only frankly paralyzed, officially reported cases. Of the latter there have been 29 in Elkins and 20 in Grafton.

State Reports for December, 1916.

| Place. | New cases reported. | Place. | New cases reported. |
|-----------------------------|---------------------|----------------------|---------------------|
| Connecticut: | | Mississippi: | |
| Fairfield County— | | Choctaw County..... | 6 |
| Bridgeport..... | 1 | De Soto County..... | 1 |
| Hartford County— | | Quitman County..... | 8 |
| Farmington..... | 1 | Rankin County..... | 1 |
| Hartford..... | 4 | Smith County..... | 1 |
| New Haven County— | | Yazoo County..... | 1 |
| Meriden (city)..... | 1 | | |
| New Haven..... | 2 | Total..... | 18 |
| Waterbury..... | 1 | | |
| Windham County— | | Vermont: | |
| Killingly (town)..... | 1 | Addison County— | |
| | 11 | Bristol..... | 2 |
| Total..... | 11 | New Haven..... | 1 |
| | | | |
| Iowa: | | Total..... | 3 |
| Calhoun County..... | 1 | | |
| Cerro Gordo County..... | 1 | West Virginia | |
| Hardin County..... | 1 | Barbour County..... | 1 |
| Jones County..... | 1 | Marshall County..... | 2 |
| Monroe County..... | 1 | Putnam County..... | 1 |
| Webster County..... | 1 | Raleigh County..... | 2 |
| Total..... | 6 | Randolph County— | |
| | | Elkins..... | 11 |
| Louisiana: | | Wirt County..... | 1 |
| Jefferson Davis Parish..... | 1 | | |
| Iberia Parish..... | 1 | Total..... | 18 |
| Orleans Parish..... | 1 | | |
| Total..... | 3 | | |

POLIOMYELITIS (INFANTILE PARALYSIS)—Continued.**City Reports for Week Ended Jan. 13, 1917.**

| Place. | Cases. | Deaths. | Place. | Cases. | Deaths. |
|-----------------|--------|---------|-------------------|--------|---------|
| Camden, N. J. | 1 | | Philadelphia, Pa. | 1 | 1 |
| Chicago, Ill. | 1 | | Pittsburgh, Pa. | 1 | |
| Newark, N. J. | 2 | | Racine, Wis. | 1 | 1 |
| New York, N. Y. | 3 | 1 | Sioux City, Iowa | 1 | 1 |

RABIES IN MAN.**City Report for Week Ended Jan. 13, 1917.**

During the week ended January 13, 1917, one fatal case of rabies in man was reported in Buffalo, N. Y.

RABIES IN ANIMALS.**West Virginia Report for December, 1916.**

During the month of December, 1916, an outbreak of rabies in animals was reported in Jackson County, W. Va.

City Reports for Week Ended Jan. 13, 1917.

During the week ended January 13, 1917, three cases of rabies in animals were reported in Buffalo, N. Y., and three cases in Niagara Falls, N. Y.

SCARLET FEVER.

See Diphtheria, measles, scarlet fever, and tuberculosis, page 212.

SMALLPOX.**Connecticut.**

Collaborating Epidemiologist Black reported that during the week ended January 27, 1917, 16 cases of smallpox were notified in Connecticut, as follows: 10 cases at Waterbury, 2 cases at Stamford, 2 at Stonington, 1 at Mystic, and 1 at Woodbury.

Illinois—Alexander County.

Senior Surg. Gassaway reported, January 22, 1917, that 18 cases of smallpox were notified in the northwestern part of Alexander County, Ill., from November 24 to December 31, 1917.

Minnesota.

Collaborating Epidemiologist Bracken reported that during the week ended January 27, 1917, four new foci of smallpox infection were reported in Minnesota, cases of the disease having been notified as follows: Cass County, township 144, range 31, 1; Polk County, Banger township, 3; Wabasha County, Elgin Village, 1; Waseca County, New Richland Village, 1.

SMALLPOX—Continued.
Miscellaneous State Reports.

| Place. | Cases. | Deaths. | Place. | Cases. | Deaths. |
|---------------------------------|----------------|---------|-------------------------------------|-----------------|---------|
| Colorado (Dec. 1-31): | | | Louisiana (Dec. 1-31)—Contd. | | |
| La Plata County..... | 1..... | | Lincoln Parish..... | 1..... | |
| Summit County..... | 2..... | | Orleans Parish..... | 28..... | |
| Washington County..... | 1..... | | St. James Parish..... | 4..... | |
| Total..... | 4..... | | St. John Parish..... | 2..... | |
| Connecticut (Dec. 1-31): | | | Vermilion Parish..... | 8..... | |
| Fairfield County— | | | Washington Parish..... | 6..... | |
| Greenwich..... | 1..... | | Total..... | 80..... | |
| Stamford..... | 3..... | | Mississippi (Dec. 1-31): | | |
| Litchfield County— | | | Amite County..... | 2..... | |
| Thomaston..... | 3..... | | Benton County..... | 6..... | |
| New Haven County— | | | Bolivar County..... | 2..... | |
| Middlebury..... | 5..... | | Chickasaw County..... | 7..... | |
| Naugatuck..... | 1..... | | Clarke County..... | 1..... | |
| Wallingford..... | 1..... | | De Soto County..... | 2..... | |
| Waterbury..... | 74..... | | Grenada County..... | 2..... | |
| Total..... | 88..... | | Hinds County..... | 1..... | |
| Iowa (Dec. 1-31): | | | Jones County..... | 81..... | |
| Boone County..... | 2..... | | Lafayette County..... | 6..... | |
| Clayton County..... | 1..... | | Lauderdale County..... | 15..... | |
| Dallas County..... | 2..... | | Leake County..... | 1..... | |
| Greene County..... | 1..... | | Marshall County..... | 4..... | |
| Henry County..... | 5..... | | Perry County..... | 12..... | |
| Lee County..... | 17..... | | Quifman County..... | 4..... | |
| Linn County..... | 3..... | | Sunflower County..... | 5..... | |
| Polk County..... | 7..... | | Tunica County..... | 2..... | |
| Pottawattamie County..... | 2..... | | Yalobusha County..... | 1..... | |
| Union County..... | 1..... | | Total..... | 154..... | |
| Webster County..... | | | South Carolina (Dec. 1-31): | | |
| Total..... | 62..... | | Charleston County..... | 1..... | |
| Louisiana (Dec. 1-31): | | | Greenwood County..... | 12..... | |
| Ascension Parish..... | 10..... | | Total..... | 13..... | |
| Caddo Parish..... | 5..... | | West Virginia (Dec. 1-31): | | |
| Calcasieu Parish..... | 1..... | | Lincoln County..... | 1..... | |
| East Baton Rouge Parish..... | 1..... | | Nicholas County..... | 2..... | |
| Evangeline Parish..... | 5..... | | Total..... | 3..... | |
| Lafourche Parish..... | 9..... | | | | |

City Reports for Week Ended Jan. 13, 1917.

| Place. | Cases. | Deaths. | Place. | Cases. | Deaths. |
|------------------------|--------|---------|---------------------------|--------|---------|
| Austin, Tex..... | | 1 | Minneapolis, Minn..... | 8..... | |
| Braddock, Pa..... | 1..... | | Muscatine, Iowa..... | 2..... | |
| Butte, Mont..... | 2..... | | New Orleans, La..... | 2..... | |
| Chicago, Ill..... | 1..... | | Oklahoma City, Okla..... | 1..... | |
| Cleveland, Ohio..... | 4..... | 1 | Omaha, Nebr..... | 5..... | |
| Danville, Ill..... | 8..... | | Pittsburgh, Pa..... | 1..... | |
| Detroit, Mich..... | 2..... | 1 | St. Louis, Mo..... | 1..... | |
| Duluth, Minn..... | 1..... | | Salt Lake City, Utah..... | 1..... | |
| Evansville, Ind..... | 7..... | | Sioux City, Iowa..... | 6..... | |
| Indianapolis, Ind..... | 1..... | | Steelton, Pa..... | 1..... | |
| Kalamazoo, Mich..... | 1..... | | Toledo, Ohio..... | 3..... | |
| Milwaukee, Wis..... | 1..... | | | | |

TETANUS.

City Reports for Week Ended Jan. 13, 1917.

| Place. | Cases. | Deaths. | Place. | Cases. | Deaths. |
|----------------------|--------|---------|-----------------------|--------|---------|
| Austin, Tex..... | | 1 | Philadelphia, Pa..... | | 1 |
| Cleveland, Ohio..... | 1..... | 1 | St. Louis, Mo..... | 1..... | 1 |
| Newport, R. I..... | 1..... | 1 | Trenton, N. J..... | | 1 |

TUBERCULOSIS.

See Diphtheria, measles, scarlet fever, and tuberculosis, page 212.

TYPHOID FEVER.

State Reports for December, 1916.

| Place. | New cases reported. | Place. | New cases reported. |
|------------------------------|---------------------|--------------------------------|---------------------|
| Connecticut: | | Mississippi—Con'tinued. | |
| Fairfield County— | | Leake County..... | 1 |
| Bridgeport..... | 3 | Lee County..... | 5 |
| Danbury..... | 1 | Leflore County..... | 5 |
| Stamford..... | 1 | Madison County..... | 1 |
| Hartford County— | | Marion County..... | 1 |
| Hartford..... | 3 | Marshall County..... | 4 |
| New Britain..... | 1 | Monroe County..... | 7 |
| New Haven County— | | Montgomery County..... | 2 |
| New Haven..... | 3 | Newton County..... | 1 |
| Orange..... | 1 | Noxubee County..... | 4 |
| Wallingford (borough)..... | 1 | Oktibbeha County..... | 2 |
| New London County— | | Pearl River County..... | 2 |
| New London..... | 2 | Perry County..... | 2 |
| Windham County— | | Pike County..... | 4 |
| Plainfield..... | 3 | Rankin County..... | 2 |
| Willimantic (city)..... | 2 | Scott County..... | 5 |
| Total..... | 21 | Simpson County..... | 9 |
| Stone County..... | | Smith County..... | 2 |
| Sunflower County..... | | Stone County..... | 3 |
| Tallahatchie County..... | | Sunflower County..... | 5 |
| Tate County..... | | Tallahatchie County..... | 11 |
| Tippah County..... | | Tate County..... | 7 |
| Tishomingo County..... | | Tippah County..... | 3 |
| Tunica County..... | | Tishomingo County..... | 4 |
| Walhall County..... | | Tunica County..... | 1 |
| Warren County..... | | Walhall County..... | 4 |
| Washington County..... | | Warren County..... | 1 |
| Wayne County..... | | Washington County..... | 1 |
| Webster County..... | | Wayne County..... | 4 |
| Wilkinson County..... | | Webster County..... | 2 |
| Winston County..... | | Wilkinson County..... | 1 |
| Yalobusha County..... | | Winston County..... | 4 |
| Yazoo County..... | | Yalobusha County..... | 5 |
| Total..... | | Yazoo County..... | 10 |
| | | Total..... | 273 |
| Louisiana: | | South Carolina: | |
| Acadia Parish..... | 2 | Charleston County..... | 7 |
| Caddo Parish..... | 2 | Chesterfield County..... | 2 |
| Calcasieu Parish..... | 2 | Clarendon County..... | 1 |
| Cameron Parish..... | 2 | Dorchester County..... | 1 |
| East Baton Rouge Parish..... | 1 | Fairfield County..... | 2 |
| Grant Parish..... | 1 | Greenwood County..... | 1 |
| Iberia Parish..... | 3 | Lexington County..... | 2 |
| Livingston Parish..... | 1 | Marlboro County..... | 2 |
| Morehouse Parish..... | 3 | Orangeburg County..... | 3 |
| Natchitoches Parish..... | 1 | Richland County..... | 5 |
| Orleans Parish..... | 27 | Sumter County..... | 1 |
| Plaquemines Parish..... | 2 | York County..... | 3 |
| St. James Parish..... | 1 | Total..... | 30 |
| St. Martin Parish..... | 1 | | |
| St. Mary Parish..... | 1 | Vermont: | |
| Terrebonne Parish..... | 5 | Bennington County..... | 1 |
| Union Parish..... | 1 | Orange County..... | 2 |
| Vermilion Parish..... | 6 | Rutland County..... | 6 |
| Vernon Parish..... | 1 | Total..... | 9 |
| Total..... | 63 | | |
| Mississippi: | | West Virginia: | |
| Adams County..... | 3 | Barbour County..... | 1 |
| Alcorn County..... | 2 | Berkeley County..... | 2 |
| Amite County..... | 3 | Braxton County..... | 1 |
| Attala County..... | 2 | Brooke County..... | 4 |
| Bolivar County..... | 19 | Calhoun County..... | 2 |
| Carroll County..... | 2 | Fayette County..... | 1 |
| Chickasaw County..... | 1 | Gilmer County..... | 1 |
| Choctaw County..... | 3 | Grant County..... | 1 |
| Claiborne County..... | 1 | Greenbrier County..... | 2 |
| Coahoma County..... | 1 | Hancock County..... | 5 |
| Copiah County..... | 1 | Hardy County..... | 3 |
| Covington County..... | 2 | | |
| De Soto County..... | 7 | | |
| Franklin County..... | 3 | | |
| Hancock County..... | 2 | | |
| Harrison County..... | 3 | | |
| Hinds County..... | 25 | | |
| Holmes County..... | 3 | | |
| Issaquena County..... | 4 | | |
| Itawamba County..... | 4 | | |
| Jackson County..... | 4 | | |
| Jasper County..... | 5 | | |
| Jefferson County..... | 1 | | |
| Jefferson Davis County..... | 1 | | |
| Jones County..... | 18 | | |
| Kemper County..... | 1 | | |
| Lafayette County..... | 10 | | |
| Lauderdale County..... | 2 | | |
| Lawrence County..... | 5 | | |

TYPHOID FEVER—Continued.

State Reports for December, 1916—Continued.

| Place. | New cases reported. | Place. | New cases reported. |
|--------------------------|---------------------|--------------------------|---------------------|
| West Virginia—Continued. | | West Virginia—Continued. | |
| Kanawha County..... | 3 | Roane County..... | 8 |
| McDowell County..... | 5 | Taylor County..... | 1 |
| Marshall County..... | 2 | Upshur County..... | 3 |
| Marion County..... | 1 | Webster County..... | 2 |
| Mingo County..... | 8 | Wirt County..... | 1 |
| Monongalia County..... | 3 | Wyoming County..... | 1 |
| Ohio County— | | Total..... | 71 |
| Wheeling..... | 6 | | |
| Pendleton County..... | 1 | Wyoming: | |
| Pleasants County..... | 1 | Lincoln County..... | 33 |
| Putnam County..... | 1 | | |
| Randolph County..... | 1 | | |

City Reports for Week Ended Jan. 13, 1917.

| Place. | Cases. | Deaths. | Place. | Cases. | Deaths. |
|-------------------------|--------|---------|--------------------------|--------|---------|
| Baltimore, Md..... | 13 | ..... | Minneapolis, Minn..... | 1 | ..... |
| Beaver Falls, Pa..... | 2 | 1 | Mobile, Ala..... | ..... | 1 |
| Boston, Mass..... | 2 | 1 | Nashville, Tenn..... | 1 | ..... |
| Buffalo, N. Y..... | 3 | 1 | New Bedford, Mass..... | 2 | ..... |
| Camden, N. J..... | 1 | ..... | New Castle, Pa..... | 2 | ..... |
| Canton, Ohio..... | 3 | 1 | New London, Conn..... | 1 | ..... |
| Charleston, S. C..... | 10 | 1 | New Orleans, La..... | 5 | 3 |
| Chicago, Ill..... | 12 | ..... | New York, N. Y..... | 24 | 3 |
| Cincinnati, Ohio..... | 1 | ..... | Niagara Falls, N. Y..... | 1 | 1 |
| Cleveland, Ohio..... | 1 | ..... | North Adams, Mass..... | 1 | ..... |
| Covington, Ky..... | 1 | ..... | Omaha, Nebr..... | ..... | 1 |
| Cumberland, Md..... | 1 | ..... | Philadelphia, Pa..... | 4 | 1 |
| Denver, Colo..... | 2 | 1 | Pittsburgh, Pa..... | 4 | 4 |
| Detroit, Mich..... | 5 | 2 | Portland, Me..... | 1 | ..... |
| East Chicago, Ind..... | 2 | 1 | Quincy, Ill..... | 1 | ..... |
| Erie, Pa..... | 2 | ..... | Reading, Pa..... | ..... | 1 |
| Evansville, Ind..... | 1 | ..... | Richmond, Va..... | 1 | 1 |
| Everett, Mass..... | 1 | ..... | Rochester, N. Y..... | 2 | ..... |
| Fall River, Mass..... | 3 | ..... | Saginaw, Mich..... | 2 | 1 |
| Fort Wayne, Ind..... | ..... | 1 | St. Louis, Mo..... | 2 | 1 |
| Galveston, Tex..... | 2 | ..... | San Diego, Cal..... | 7 | ..... |
| Grand Rapids, Mich..... | ..... | 1 | Sandusky, Ohio..... | 1 | ..... |
| Harrisburg, Pa..... | 1 | ..... | San Francisco, Cal..... | 1 | ..... |
| Haverhill, Mass..... | 1 | ..... | South Bend, Ind..... | 7 | ..... |
| Jackson, Mich..... | 2 | ..... | Tacoma, Wash..... | 1 | ..... |
| Kansas City, Mo..... | 1 | ..... | Toledo, Ohio..... | 3 | ..... |
| Lawrence, Mass..... | 3 | ..... | Trenton, N. J..... | 2 | ..... |
| Lincoln, Nebr..... | 3 | 1 | Washington, D. C..... | 2 | 1 |
| Los Angeles, Cal..... | 5 | 3 | Watertown, N. Y..... | 1 | ..... |
| Lynn, Mass..... | 1 | ..... |  |  |  |

TYPHUS FEVER.

Texas—Typhus along the Mexican Border.

Senior Surg. Pierce reports for the week ending January 13, 1917, the occurrence of 2 cases of typhus fever on American territory, contiguous to the international boundary, making a total of 48 cases in this section from July 1, 1916, to date.

Measures for the prevention of the introduction of typhus have been continued in force as formerly. These measures consist in the inspection of all persons entering and the treatment of those who are vermin-infested. Preventive measures are enforced at El Paso, Laredo, Eagle Pass, Hidalgo, Rio Grande City, and Brownsville, Tex., and Naco, Nogales, Douglas, and Tucson, Ariz.

TYPHUS FEVER—Continued.

Texas—Typhus along the Mexican Border—Continued.

Along the Texas border there were inspected for the week ending January 13, 41,331 persons; 2,406 persons were treated for the purpose of freeing them from vermin; 21 sick were refused admission; 2,563 persons were vaccinated, because of the prevalence of smallpox.

City Report for Week Ended Jan. 13, 1917.

During the week ended January 13, 1917, two fatal cases of typhus fever were reported in El Paso, Tex.

PREVENTABLE DISEASES.

Massachusetts Report for Week Ended Jan. 20, 1917.

| | Cases reported. | | Cases reported. |
|-------------------------------|-----------------|--|-----------------|
| Anthrax..... | 1 | Poliomyelitis (infantile paralysis)..... | 3 |
| Cerebrospinal meningitis..... | 3 | Scarlet fever..... | 149 |
| Chicken pox..... | 176 | Septic sore throat..... | 4 |
| Diphtheria..... | 204 | Tetanus..... | 2 |
| Dog bite..... | 1 | Trachoma..... | 1 |
| German measles..... | 5 | Tuberculosis (pulmonary)..... | 142 |
| Glanders..... | 1 | Tuberculosis (other forms)..... | 9 |
| Measles..... | 424 | Typhoid fever..... | 19 |
| Mumps..... | 149 | Whooping cough..... | 43 |
| Ophthalmia neonatorum..... | 41 | | |

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS.

State Reports for December, 1916.

| State. | Cases reported. | | | State. | Cases reported. | | |
|------------------|------------------|----------|-------------------|---------------------|------------------|----------|-------------------|
| | Diph- theria. | Measles. | Scarlet fever. | | Diph- theria. | Measles. | Scarlet fever. |
| Connecticut..... | 177 | 285 | 120 | South Carolina..... | 127 | 1,176 | 33 |
| Iowa..... | 39 | ..... | 87 | Vermont..... | 65 | 345 | 92 |
| Louisiana..... | 66 | 2,460 | 45 | West Virginia..... | 134 | 555 | 55 |
| Mississippi..... | 93 | 516 | 84 | Wyoming..... | 2 | 330 | 10 |

City Reports for Week Ended Jan. 13, 1917.

| City. | Popula- tion as of July 1, 1916 (estimated by U. S. Census Bureau). | Total deaths from all causes. | Diphtheria. | | Measles. | | Scarlet fever. | | Tuber- culosis. | |
|---------------------------|---|---|-------------|---------|----------|---------|-------------------|---------|--------------------|---------|
| | | | Cases. | Deaths. | Cases. | Deaths. | Cases. | Deaths. | Cases. | Deaths. |
| Over 500,000 inhabitants: | | | | | | | | | | |
| Baltimore, Md..... | 589,621 | 233 | 16 | 1 | 3 | ..... | 15 | ..... | 26 | 27 |
| Boston, Mass..... | 756,476 | 270 | 56 | 3 | 65 | ..... | 32 | ..... | 57 | 18 |
| Chicago, Ill..... | 2,497,722 | 867 | 233 | 26 | 235 | 3 | 375 | 15 | 246 | 83 |
| Cleveland, Ohio..... | 674,073 | 243 | 45 | 4 | 49 | 1 | 15 | 1 | 42 | 22 |
| Detroit, Mich..... | 571,784 | 232 | 103 | 5 | 12 | 1 | 122 | 7 | 33 | 18 |
| Los Angeles, Cal..... | 503,812 | 168 | 12 | 1 | 25 | ..... | 14 | ..... | 55 | 32 |
| New York, N. Y..... | 5,602,841 | 2,076 | 254 | 21 | 166 | 6 | 136 | 2 | 435 | 219 |
| Philadelphia, Pa..... | 1,709,518 | 802 | 53 | 11 | 8 | ..... | 37 | 1 | 121 | 60 |
| Pittsburgh, Pa..... | 579,090 | 249 | 32 | 3 | 84 | ..... | 16 | ..... | 27 | 25 |
| St. Louis, Mo..... | 757,309 | 279 | 83 | 1 | 53 | 2 | 48 | ..... | 53 | 23 |

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

City Reports for Week Ended Jan. 13, 1917—Continued.

| City. | Population as of July 1, 1916 (estimated by U. S. Census Bureau). | Total deaths from all causes. | Diphtheria. | | Measles. | | Scarlet fever. | | Tuberculosis. | |
|--------------------------------------|--|-------------------------------|-------------|---------|----------|---------|----------------|---------|---------------|---------|
| | | | Cases. | Deaths. | Cases. | Deaths. | Cases. | Deaths. | Cases. | Deaths. |
| From 300,000 to 500,000 inhabitants: | | | | | | | | | | |
| Buffalo, N. Y. | 468,558 | | 17 | 4 | 7 | 1 | 9 | | | 14 |
| Cincinnati, Ohio | 410,476 | 159 | 20 | 2 | 4 | | 6 | | 24 | |
| Jersey City, N. J. | 306,345 | 122 | 10 | | 1 | | 10 | | 20 | 13 |
| Milwaukee, Wis. | 436,535 | 90 | 26 | 4 | 10 | | 75 | 2 | 18 | 5 |
| Minneapolis, Minn. | 363,454 | | 18 | | 12 | | 22 | | | |
| Newark, N. J. | 408,894 | | 20 | 1 | 1 | | 14 | | 52 | 13 |
| New Orleans, La. | 371,747 | | 9 | 1 | 703 | 3 | 4 | | 44 | 37 |
| San Francisco, Cal. | 463,516 | 164 | 26 | 2 | 101 | | 30 | | 38 | 21 |
| Washington, D. C. | 363,980 | 145 | 23 | | 7 | | 12 | | 21 | 13 |
| From 200,000 to 300,000 inhabitants: | | | | | | | | | | |
| Columbus, Ohio | 214,878 | 69 | 7 | 3 | 30 | 1 | 6 | | 6 | 4 |
| Denver, Colo. | 260,800 | 79 | 3 | | 40 | | 5 | | | 20 |
| Indianapolis, Ind. | 271,708 | | 25 | | 14 | | 12 | | 13 | |
| Kansas City, Mo. | 297,947 | 118 | 15 | 1 | 6 | | 31 | 1 | 5 | 11 |
| Portland, Oreg. | 295,463 | 47 | | | 68 | | 14 | | 7 | 2 |
| Providence, R. I. | 254,960 | 79 | 20 | 3 | 4 | 1 | 12 | 1 | | 4 |
| Rochester, N. Y. | 256,417 | | 2 | | 1 | | 22 | | 5 | |
| From 100,000 to 200,000 inhabitants: | | | | | | | | | | |
| Birmingham, Ala. | 181,762 | 53 | 4 | | 24 | | 3 | | 7 | 5 |
| Bridgeport, Conn. | 121,579 | 55 | 10 | 1 | 10 | | | | 1 | 3 |
| Cambridge, Mass. | 112,981 | 33 | 18 | 1 | 4 | | 3 | | 7 | 7 |
| Camden, N. J. | 106,233 | | 3 | | | | | | 5 | |
| Fall River, Mass. | 128,366 | 48 | 7 | 2 | 90 | 3 | 3 | | 7 | 4 |
| Fort Worth, Tex. | 104,562 | 18 | 1 | | 6 | | 1 | | | 1 |
| Grand Rapids, Mich. | 128,291 | 44 | 2 | | 17 | | 20 | | 4 | 1 |
| Hartford, Conn. | 110,900 | 61 | 6 | 2 | 3 | | 4 | | 3 | 3 |
| Lawrence, Mass. | 100,560 | 31 | 2 | | | | | | 2 | 3 |
| Lowell, Mass. | 113,245 | 39 | 10 | 1 | 36 | 1 | 5 | | 11 | 4 |
| Lynn, Mass. | 102,425 | 31 | 2 | | | | 6 | | 6 | 4 |
| Nashville, Tenn. | 117,057 | 30 | 1 | | 135 | | 1 | | 3 | 4 |
| New Bedford, Mass. | 118,158 | 39 | 2 | 1 | 34 | | 2 | | 8 | 3 |
| New Haven, Conn. | 149,685 | | 8 | 2 | 11 | | 1 | | 2 | 3 |
| Omaha, Nebr. | 165,470 | 27 | 2 | | 3 | | 10 | | 1 | 1 |
| Reading, Pa. | 109,381 | 30 | 1 | | | | 2 | | 3 | 2 |
| Richmond, Va. | 156,687 | 67 | 6 | 1 | 5 | | 3 | | 2 | 7 |
| Salt Lake City, Utah | 117,399 | 28 | 1 | | 159 | | 17 | | | 5 |
| Springfield, Mass. | 105,942 | 51 | 2 | | | | 9 | 1 | 3 | 3 |
| Syracuse, N. Y. | 155,624 | 47 | 4 | | 11 | | 11 | | 8 | 5 |
| Tacoma, Wash. | 112,770 | | 1 | | 34 | | 1 | | | |
| Toledo, Ohio | 191,554 | 67 | 1 | | 3 | | 57 | 1 | 2 | 4 |
| Trenton, N. J. | 111,593 | 63 | 5 | 1 | | | 2 | | 7 | 5 |
| Worcester, Mass. | 163,314 | 49 | 8 | | | | 9 | | 8 | 4 |
| From 50,000 to 100,000 inhabitants: | | | | | | | | | | |
| Atlantic City, N. J. | 57,660 | 11 | 1 | | 10 | | 2 | | 9 | |
| Bayonne, N. J. | 69,893 | | 1 | | | | 2 | | 3 | |
| Berkeley, Cal. | 57,653 | 6 | | | | | 1 | | | 1 |
| Binghamton, N. Y. | 53,973 | 19 | 25 | | 11 | 1 | 3 | | 2 | 1 |
| Brockton, Mass. | 67,449 | 16 | 1 | | | | | | 5 | 2 |
| Canton, Ohio | 60,852 | 14 | 3 | | | | 2 | | | 1 |
| Charleston, S. C. | 60,734 | 23 | 10 | | | | | | | 2 |
| Covington, Ky. | 57,144 | 18 | 3 | | | | 2 | | 4 | 1 |
| Duluth, Minn. | 94,495 | | 2 | | 5 | | 4 | | 6 | |
| Elizabeth, N. J. | 86,690 | 28 | 7 | | 1 | | 4 | 1 | 6 | 2 |
| El Paso, Tex. | 63,705 | 61 | 1 | 1 | 16 | 1 | 1 | | | 13 |
| Erle, Pa. | 75,195 | | | | 4 | | | | 4 | 28 |
| Evansville, Ind. | 76,078 | 23 | 5 | | 7 | | 2 | | 3 | 1 |
| Fort Wayne, Ind. | 76,183 | 14 | | | | | 3 | | | 1 |
| Harrisburg, Pa. | 72,015 | 30 | 3 | 1 | | | 1 | | 6 | 3 |
| Hoboken, N. J. | 77,214 | 28 | 1 | | 1 | | 7 | 1 | 2 | 2 |
| Johnstown, Pa. | 68,529 | 28 | 2 | | 7 | | | | | |
| Lancaster, Pa. | 50,853 | | 2 | | | | | | 1 | |
| Little Rock, Ark. | 57,343 | 30 | 2 | | 7 | | 3 | | 1 | |
| Malden, Mass. | 51,155 | 18 | 2 | | 4 | | 3 | | | 1 |
| Manchester, N. H. | 78,283 | 21 | 1 | | | | 5 | | 2 | 2 |
| Mobile, Ala. | 58,221 | 25 | 1 | | | | 26 | | 1 | 4 |
| New Britain, Conn. | 53,794 | 8 | 1 | | 4 | | 2 | | | 3 |
| Norfolk, Va. | 59,612 | | 7 | 3 | | | 3 | | | |

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

City Reports for Week Ended Jan. 13, 1917—Continued.

| City. | Population as of July 1, 1916 (estimated by U. S. Census Bureau). | Total deaths from all causes. | Diphtheria. | | Measles. | | Scarlet fever. | | Tuberculosis. | |
|--|---|-------------------------------|-------------|---------|----------|---------|----------------|---------|---------------|---------|
| | | | Cases. | Deaths. | Cases. | Deaths. | Cases. | Deaths. | Cases. | Deaths. |
| From 50,000 to 100,000 inhabitants—Continued. | | | | | | | | | | |
| Oklahoma City, Okla. | 92,943 | 15 | 1 | — | 69 | 1 | 2 | — | — | — |
| Passaic, N. J. | 71,744 | 20 | 2 | — | — | — | 1 | — | 4 | — |
| Pawtucket, R. I. | 59,411 | 25 | 5 | — | — | — | — | — | — | — |
| Portland, Me. | 63,887 | 31 | 5 | — | — | — | 1 | — | — | — |
| Rockford, Ill. | 55,185 | 16 | 2 | — | 3 | — | 3 | — | 4 | 1 |
| Sacramento, Cal. | 66,895 | 30 | — | — | 2 | — | 2 | — | 6 | 5 |
| Saginaw, Mich. | 55,642 | 24 | 3 | — | — | — | 11 | 1 | 1 | — |
| San Diego, Cal. | 53,330 | 35 | 1 | — | 1 | — | 2 | — | — | 5 |
| Schenectady, N. Y. | 99,519 | 28 | 2 | 1 | 17 | — | 5 | — | 3 | 1 |
| Sioux City, Iowa | 57,078 | — | — | — | — | — | 1 | — | — | — |
| Somerville, Mass. | 87,039 | 28 | 1 | — | 9 | — | 2 | — | 3 | 2 |
| South Bend, Ind. | 68,946 | 10 | 2 | — | — | — | 10 | — | — | 1 |
| Springfield, Ill. | 61,120 | 14 | 3 | — | 6 | — | — | — | — | 2 |
| Troy, N. Y. | 77,916 | — | 4 | — | 22 | — | 3 | — | 5 | 2 |
| Wichita, Kans. | 70,722 | — | 2 | — | — | — | — | — | 2 | — |
| Wilkes Barre, Pa. | 76,776 | — | 8 | 1 | 2 | 1 | — | — | 4 | — |
| York, Pa. | 51,656 | 19 | 8 | 1 | 1 | — | 7 | — | 3 | 1 |
| From 25,000 to 50,000 inhabitants: | | | | | | | | | | |
| Alameda, Cal. | 27,732 | 7 | — | — | — | — | 6 | — | 1 | — |
| Auburn, N. Y. | 37,385 | 9 | — | — | — | — | 3 | — | — | — |
| Austin, Tex. | 34,814 | 10 | 2 | — | — | — | 1 | — | — | 1 |
| Brookline, Mass. | 32,730 | 6 | — | — | 4 | — | 2 | — | — | — |
| Butler, Pa. | 27,632 | 7 | — | — | — | — | 1 | — | — | — |
| Butte, Mont. | 43,425 | 28 | — | — | 4 | — | — | — | 8 | 5 |
| Chelsea, Mass. | 46,192 | 21 | — | — | — | — | 1 | — | 7 | 3 |
| Chicopee, Mass. | 29,319 | 9 | 1 | — | 1 | — | 2 | — | 2 | 1 |
| Cumberland, Md. | 26,074 | 2 | 1 | — | 2 | — | 1 | — | — | — |
| Danville, Ill. | 32,261 | 12 | — | — | 1 | — | 4 | — | 3 | 1 |
| Davenport, Iowa | 48,811 | — | 1 | — | — | — | 1 | — | — | — |
| Dubuque, Iowa | 39,873 | — | — | — | 16 | — | — | — | 1 | 1 |
| East Chicago, Ind. | 28,743 | — | — | — | 1 | — | — | — | — | — |
| East Orange, N. J. | 42,458 | 10 | — | — | — | — | 5 | — | 2 | — |
| Elgin, Ill. | 28,203 | 7 | — | 1 | 31 | — | — | — | — | 1 |
| Everett, Mass. | 39,233 | 8 | 3 | — | 8 | — | — | — | 3 | — |
| Everett, Wash. | 35,486 | 7 | — | — | 40 | — | — | — | — | 2 |
| Fitchburgh, Mass. | 41,781 | 15 | 2 | — | 6 | — | 1 | — | 4 | 2 |
| Galveston, Tex. | 41,863 | 12 | 1 | — | — | — | — | — | — | 1 |
| Haverhill, Mass. | 48,477 | — | 1 | — | 2 | — | — | — | 2 | 1 |
| Jackson, Mich. | 35,363 | 17 | 8 | — | — | — | 1 | — | — | — |
| Kalamazoo, Mich. | 48,886 | 21 | — | — | 7 | — | 3 | — | 1 | — |
| Kenosha, Wis. | 31,576 | 11 | 1 | — | — | — | — | — | — | — |
| Kingston, N. Y. | 26,771 | 13 | 1 | — | — | — | — | — | — | 2 |
| Knoxville, Tenn. | 38,676 | — | — | — | 98 | — | — | — | — | — |
| La Crosse, Wis. | 31,677 | 9 | 2 | 1 | — | — | — | — | — | — |
| Lexington, Ky. | 41,097 | — | 1 | — | 6 | — | — | — | 2 | 4 |
| Lima, Ohio. | 35,384 | 9 | — | — | — | — | — | — | — | — |
| Lincoln, Nebr. | 46,515 | 20 | 10 | 1 | 2 | — | — | — | 2 | — |
| Long Beach, Cal. | 27,587 | 14 | — | — | — | — | 2 | — | — | — |
| Lorain, Ohio. | 36,964 | — | 1 | — | — | — | 1 | — | — | — |
| Lynchburg, Va. | 32,940 | 15 | — | — | — | — | — | — | — | 2 |
| Madison, Wis. | 30,699 | — | 1 | — | — | — | 8 | — | — | — |
| Medford, Mass. | 26,234 | 9 | — | — | 15 | — | 2 | — | — | — |
| Montclair, N. J. | 26,318 | 8 | — | — | — | — | 1 | — | 2 | — |
| Nashua, N. H. | 27,327 | — | — | — | 2 | — | 2 | — | — | — |
| Newburgh, N. Y. | 29,603 | 14 | 1 | — | 2 | — | — | — | 1 | 4 |
| New Castle, Pa. | 41,133 | — | 6 | — | — | — | 1 | — | — | — |
| Newport, Ky. | 31,927 | 6 | — | — | — | — | — | — | 1 | 1 |
| Newport, R. I. | 30,108 | 13 | 3 | — | — | — | 1 | — | — | 2 |
| Newton, Mass. | 43,715 | 7 | — | — | 12 | — | 1 | — | 5 | 2 |
| Niagara Falls, N. Y. | 37,352 | 19 | 3 | — | 10 | — | — | — | — | — |
| Norristown, Pa. | 31,401 | 10 | 2 | — | — | — | — | — | 2 | — |
| Orange, N. J. | 33,080 | 11 | — | — | 1 | — | — | — | 4 | 1 |
| Pasadena, Cal. | 46,450 | — | — | — | — | — | 1 | — | — | — |
| Perth Amboy, N. J. | 41,185 | 1 | 2 | — | 1 | — | — | — | 5 | — |
| Pittsfield, Mass. | 38,629 | 23 | — | — | 1 | — | 2 | — | 4 | 2 |
| Portsmouth, Va. | 39,651 | 9 | 1 | — | 4 | — | 7 | — | — | — |
| Quincy, Ill. | 36,798 | 21 | 1 | — | 1 | — | — | — | — | — |
| Quincy, Mass. | 38,136 | 8 | — | — | — | — | 1 | — | 1 | — |
| Racine, Wis. | 46,486 | 11 | — | — | — | — | — | — | 4 | 1 |
| Roanoke, Va. | 43,284 | 15 | 1 | — | 22 | 1 | — | — | 2 | 2 |

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

City Reports for Week Ended Jan. 13, 1917—Continued.

| City. | Population as of July 1, 1916 (estimated by U. S. Census Bureau) | Total deaths from all causes | Diphtheria. | | Measles. | | Scarlet fever. | | Tuberculosis. | |
|---|---|------------------------------|-------------|---------|----------|---------|----------------|---------|---------------|---------|
| | | | Cases. | Deaths. | Cases. | Deaths. | Cases. | Deaths. | Cases. | Deaths. |
| From 25,000 to 50,000 inhabitants—Continued. | | | | | | | | | | |
| San Jose, Cal. | 38,902 | 11 | 2 | ... | ... | ... | ... | ... | ... | ... |
| Steubenville, Ohio | 27,445 | 15 | 6 | 1 | ... | ... | ... | ... | ... | 1 |
| Superior, Wis. | 46,226 | 12 | 1 | 1 | ... | ... | ... | ... | ... | ... |
| Taunton, Mass. | 36,283 | 15 | 40 | ... | ... | ... | ... | ... | ... | ... |
| Topeka, Kans. | 48,726 | 17 | 3 | ... | ... | ... | ... | ... | ... | ... |
| Waltham, Mass. | 30,570 | 8 | 2 | ... | ... | ... | ... | ... | 2 | ... |
| Watertown, N. Y. | 29,894 | 13 | 3 | ... | ... | ... | ... | ... | 1 | 1 |
| West Hoboken, N. J. | 43,139 | 9 | 4 | ... | ... | ... | ... | 2 | ... | ... |
| Wheeling, W. Va. | 43,377 | 16 | 1 | ... | ... | ... | ... | ... | 2 | ... |
| Williamsport, Pa. | 33,809 | 3 | 1 | ... | ... | ... | 3 | 1 | 1 | 1 |
| Wilmington, N. C. | 29,892 | 11 | 19 | ... | ... | ... | 1 | 1 | 1 | 1 |
| Zanesville, Ohio | 30,863 | 8 | 1 | ... | ... | ... | ... | ... | ... | ... |
| From 10,000 to 25,000 inhabitants: | | | | | | | | | | |
| Ann Arbor, Mich. | 15,010 | 13 | 1 | ... | ... | ... | 1 | 5 | ... | ... |
| Braddock, Pa. | 21,685 | 2 | 1 | ... | ... | ... | 1 | ... | ... | ... |
| Cairo, Ill. | 15,794 | ... | ... | ... | ... | ... | 1 | ... | ... | ... |
| Clinton, Mass. | 13,075 | 3 | ... | ... | ... | ... | 2 | ... | ... | ... |
| Concord, N. H. | 22,669 | 13 | 7 | 1 | ... | ... | ... | ... | ... | ... |
| Galesburg, Ill. | 24,276 | 7 | ... | ... | ... | ... | ... | ... | ... | ... |
| Kearny, N. J. | 23,539 | 5 | 1 | ... | ... | ... | 4 | ... | 2 | ... |
| Kokomo, Ind. | 20,930 | 7 | 3 | 1 | 21 | ... | 1 | 1 | ... | ... |
| Long Branch, N. J. | 15,395 | 4 | ... | ... | ... | ... | 1 | ... | ... | ... |
| Marinette, Wis. | 14,610 | 7 | 1 | ... | ... | ... | 1 | ... | ... | ... |
| Morristown, N. J. | 13,284 | 4 | 1 | ... | ... | ... | 1 | ... | ... | ... |
| Muscatine, Iowa | 17,500 | ... | ... | ... | 16 | ... | ... | ... | ... | ... |
| Nanticoke, Pa. | 23,128 | 7 | 2 | ... | ... | ... | ... | 2 | ... | ... |
| Newburyport, Mass. | 15,243 | 7 | ... | ... | 3 | ... | 1 | 1 | ... | ... |
| New London, Conn. | 20,985 | 9 | ... | ... | ... | ... | 1 | ... | 1 | ... |
| North Adams, Mass. | 12,019 | 6 | ... | ... | ... | ... | 1 | 1 | 1 | ... |
| Northampton, Mass. | 19,926 | 11 | ... | ... | ... | ... | 1 | 5 | 2 | ... |
| Plainfield, N. J. | 23,805 | 7 | ... | ... | ... | ... | 1 | 1 | ... | ... |
| Portsmouth, N. H. | 11,636 | ... | ... | ... | ... | ... | 1 | 1 | 1 | ... |
| Rocky Mount, N. C. | 12,067 | 5 | 110 | ... | ... | ... | 1 | 1 | 1 | 1 |
| Rutland, Vt. | 14,831 | 5 | 19 | ... | ... | ... | 4 | ... | ... | ... |
| Sandusky, Ohio | 20,193 | ... | 6 | ... | ... | ... | ... | ... | ... | ... |
| Saratoga Springs, N. Y. | 13,821 | 5 | ... | ... | ... | ... | ... | 1 | ... | ... |
| Steelton, Pa. | 15,548 | 6 | ... | ... | ... | ... | 1 | ... | 2 | ... |
| Wilkinsburg, Pa. | 23,228 | 6 | 3 | ... | ... | ... | 1 | ... | ... | ... |
| Woburn, Mass. | 15,969 | 6 | ... | ... | ... | ... | ... | ... | ... | ... |

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

FOREIGN.

BRAZIL.

Yellow Fever—Victoria.

Yellow fever was reported present at Victoria, Brazil, January 27, 1917.

CHILE.

Plague—Antofagasta.

A case of plague occurred at Antofagasta, Chile, December 2, 1916. The case occurred in a person who had sailed November 29 from Iquique, Chile, arriving at Antofagasta December 1, 1916.

CHINA.

Correction—Cholera—Canton.

The statement contained in Public Health Reports, October 27, 1916, page 3007, of 10 fatal cases of cholera occurring at Canton, China, during the period from August 11 to 20, 1916, was an error. The fatalities referred to had been reported as due to cholera nostras.

Examination of Rats—Shanghai.

During the week ended December 16, 1916, 315 rats were examined at Shanghai. No plague infection was found. The last plague-infected rat at Shanghai was reported found during the week ended May 6, 1916.

CUBA.

Communicable Diseases—Habana.

Communicable diseases have been notified at Habana as follows:

| Disease. | Jan. 1-10, 1917. | | Remaining under treatment Jan. 10, 1917. |
|------------------------|------------------|---------|--|
| | New cases. | Deaths. | |
| Diphtheria..... | 2 | 2 | 2 |
| Leprosy..... | | | 250 |
| Malaria..... | 30 | | 72 |
| Measles..... | 7 | | 6 |
| Paratyphoid fever..... | 3 | | 3 |
| Scarlet fever..... | 10 | 1 | 10 |
| Smallpox..... | 11 | | 1 |
| Typhoid fever..... | 16 | 2 | 36 |
| Typhus fever..... | | | 1 |
| Varicella..... | 1 | | 2 |

¹ From Europe.

GREAT BRITAIN.**Examination of Rats—Bristol.**

During the period from August 1 to December 31, 1916, 6,175 rats were examined at Bristol. Of these, 3,321 were taken in the city and at the city dock, and 2,854 at port docks. No plague infection was found.

Examination of Rats—Hull.

The examination of rats taken from dock warehouses and vessels in dock at Hull has been reported as follows: Three weeks ended December 30, 1916, 58 rats; week ended January 6, 1917, 23 rats. No plague infection was found.

Examination of Rats—Liverpool.

During the two weeks ended December 30, 1916, 304 rats were examined at Liverpool. No plague infection was found. The last plague-infected rat at Liverpool was reported found in October, 1916.

UNION OF SOUTH AFRICA.**Plague—New Focus of Infection—Koms.**

During the week ended November 12, 1916, a new focus of plague infection was found at Koms, Uitenhage district, State of Cape of Good Hope. From the beginning of the outbreak, October 23, to November 12, 1916, 24 cases of plague with 13 deaths were notified in Uitenhage district.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER.**Reports Received During the Week Ended Feb. 2, 1917.¹****CHOLERA.**

| Place. | Date. | Cases. | Deaths. | Remarks. |
|----------------------------|---------------------|--------|---------|--|
| India: | | | | |
| Bombay..... | Dec. 3-9..... | 2 | 2 | |
| Rangoon..... | Nov. 26-Dec. 2..... | 1 | ..... |  |
| Java: | | | | |
| West Java..... | Nov. 17-30..... | 16 | 11 | |
| Batavia..... | do..... | 1 | 1 | |
| Philippine Islands: | | | | |
| Manila..... | Dec. 3-9..... | 133 | 39 | Not previously reported: Cases, 8; deaths, 1. Dec. 3-9, 1916: Cases, 330; deaths, 232. |
| Provinces..... | | | | |
| Albay..... | Dec. 3-9..... | 32 | 22 | |
| Bataan..... | do..... | 5 | 5 | |
| Bohol..... | do..... | 1 | 1 | |
| Bulacan..... | do..... | 60 | 38 | |
| Camarines..... | do..... | 7 | 5 | |
| Capiz..... | do..... | 5 | 1 | |
| Cavite..... | do..... | 16 | 12 | |
| Iloilo..... | do..... | 27 | 21 | |
| Leyte..... | do..... | 47 | 39 | |
| Negros Occidental..... | do..... | 124 | 85 | |
| Pampanga..... | do..... | 4 | 3 | |
| Rizal..... | do..... | 2 | ..... |  |

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 the Week Ended Feb. 2, 1917—Continued.

PLAGUE.

| Place. | Date. | Cases. | Deaths. | Remarks. |
|--------------------------|----------------------|--------|---------|--|
| Ceylon: | | | | |
| Colombo..... | Nov. 26-Dec. 2..... | 7 | 2 | |
| Egypt: | | | | |
| Alexandria..... | Nov. 19-25..... | 1 | 1 | Jan. 1-Dec. 21, 1916: Cases, 1,701; deaths, 827. |
| India: | | | | |
| Bassein..... | do..... | | 1 | |
| Bombay..... | Dec. 3-9..... | 5 | 4 | |
| Madras..... | Dec. 5-11..... | 4 | 2 | |
| Madras Presidency..... | do..... | 706 | 477 | |
| Prome..... | Nov. 19-25..... | | 9 | |
| Rangoon..... | Nov. 26-Dec. 2..... | 4 | 4 | |
| Toungoo..... | Nov. 19-25..... | | 1 | |
| Java: | | | | |
| East Java— | | | | |
| Djoja..... | Nov. 4-17..... | 1 | 1 | Residency. |
| Surabaya..... | do..... | 10 | 10 | Do. |
| Surabaya City..... | do..... | 5 | 5 | |
| Surakarta..... | do..... | 6 | 6 | Do. |
| Mid-Java— | | | | |
| Samarang..... | do..... | 1 | 1 | |
| Straits Settlements: | | | | |
| Singapore..... | Nov. 12-18..... | 1 | ..... |  |
| Union of South Africa: | | | | |
| Cape of Good Hope State— | | | | |
| Uitenhage district..... | Oct. 31-Nov. 12..... | 2 | 2 | Total, Oct. 23-Nov. 12, 1916: Cases, 24; deaths, 13. |

SMALLPOX.

| | | | | |
|------------------------|-----------------------|----|-------|--|
| China: | | | | |
| Chungking..... | Dec. 3-9..... | | | |
| Dairen..... | Dec. 19-26..... | 22 | 5 | Present. |
| Foochow..... | Dec. 9-16..... | | | Do. |
| Mukden..... | Dec. 9-23..... | | | Do. |
| Tsingtao..... | Dec. 1-9..... | 3 | ..... |  |
| Egypt: | | | | |
| Cairo..... | Aug. 13-19..... | 9 | 4 | |
| France: | | | | |
| Marsaille..... | Nov. 1-30..... | | 9 | |
| Hawaii: | | | | |
| Honolulu..... | Jan. 9..... | 1 | ..... | From s. s. Tenyo Maru from Oriental ports. |
| Do..... | Jan. 24..... | 1 | ..... | From s. s. Ecuador from Hong-kong. |
| India: | | | | |
| Madras..... | Dec. 5-11..... | 4 | 2 | |
| Rangoon..... | Nov. 26-Dec. 2..... | 2 | 1 | |
| Indo-China: | | | | |
| Salgon..... | Nov. 19-Dec. 10.... | 15 | 2 | |
| Java: | | | | |
| East Java..... | | | | Nov. 4-10, 1916: Cases 4. |
| Surabaya..... | Nov. 4-10..... | 1 | ..... |  |
| Mid-Java..... | | | | Nov. 3-17, 1916: Cases, 25. |
| Samarang..... | Nov. 4-10..... | 3 | ..... |  |
| West Java..... | | | | Nov. 17-30, 1916: Cases, 71; deaths, 4 |
| Batavia..... | Nov. 17-30..... | 6 | 1 | |
| Russia: | | | | |
| Petrograd..... | Nov. 12-25..... | 32 | 7 | |
| Spain: | | | | |
| Madrid..... | Nov. 1-30..... | | 91 | |
| Straits Settlements: | | | | |
| Penang..... | Nov. 12-18..... | 3 | ..... |  |
| Singapore..... | Nov. 19-25..... | 1 | 1 | |
| Tunisia: | | | | |
| Tunis..... | Dec. 9-29..... | 54 | 38 | |
| Union of South Africa: | | | | |
| Johannesburg..... | Sept. 10-Nov. 28..... | 25 | ..... |  |

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.
Reports Received During the Week Ended Feb. 2, 1917—Continued.
TYPHUS FEVER.

| Place. | Date. | Cases. | Deaths. | Remarks. |
|-----------------|---------------------|--------|---------|---|
| Argentina: | | | | |
| Rosario..... | Nov. 1-30..... | | 1 | |
| Egypt: | | | | |
| Alexandria..... | Dec. 20-26..... | 8 | 6 | Nov. 19-25, 1916: 1 case. |
| Cairo..... | Aug. 13-19..... | 5 | 6 | |
| Port Said..... | do..... | 1 | 1 | |
| Germany: | | | | |
| Berlin..... | Dec. 3-9..... | | 1 | |
| Königsberg..... | Dec. 10-23..... | 1 | 1 | |
| Great Britain: | | | | |
| Glasgow..... | Dec. 24-30..... | 1 | ..... |  |
| Greece: | | | | |
| Saloniki..... | Nov. 14-20..... | | 4 | |
| Java: | | | | |
| Mid-Java..... | Nov. 4-10..... | 7 | ..... | Nov. 4-10, 1916: Cases, 10. |
| Samarang..... | | | | |
| West Java..... | Nov. 17-30..... | 23 | 2 | Nov. 17-30, 1916: Cases, 29; deaths, 2. |
| Batavia..... | | | | |
| Russia: | | | | |
| Petrograd..... | Nov. 12-Dec. 2..... | 71 | 19 | |
| Spain: | | | | |
| Madrid..... | Nov. 1-30..... | | 2 | |
| Tunisia: | | | | |
| Tunis..... | Dec. 16-22..... | 1 | ..... |  |

YELLOW FEVER.

| | | | | |
|---------------|--------------|--|--|----------|
| Brazil: | | | | |
| Victoria..... | Jan. 27..... | | | Present. |

Reports Received from Dec. 30, 1916, to Jan. 26, 1917.¹
CHOLERA.

| Place. | Date. | Cases. | Deaths. | Remarks. |
|------------------------|----------------------|--------|---------|--|
| India: | | | | |
| Bombay..... | Nov. 5-Dec. 2..... | 9 | 8 | |
| Calcutta..... | Oct. 15-Nov. 25..... | | 43 | |
| Madras..... | Nov. 5-11..... | 2 | ..... |  |
| Indo-China: | | | | |
| Provinces— | | | | |
| Anam..... | June 1-July 31..... | 904 | 691 | June 1-July 31, 1916: Cases, 3,578; deaths, 2,578. |
| Cambodia..... | do..... | 8 | 6 | |
| Cochin-China..... | do..... | 231 | 144 | |
| Kouang-Tcheou-Wan..... | July 1-31..... | 83 | 62 | |
| Laos..... | June 1-July 31..... | 433 | 417 | |
| Tonkin..... | June 1-30..... | 1,276 | 775 | |
| Japan: | | | | |
| Fukuoka..... | Jan. 19..... | 33 | ..... |  |
| Nagasaki..... | Nov. 27-Dec. 3..... | 9 | 4 | |
| Osaka..... | Nov. 16-Dec. 5..... | 8 | 11 | Aug. 13-Dec. 5, 1916: Cases, 966; deaths, 625. |
| Do..... | Jan. 6-16..... | 9 | ..... |  |
| Taiwan Island— | | | | |
| Keelung..... | Nov. 13-Dec. 9..... | 5 | 4 | |
| Taihoku..... | do..... | 13 | 3 | |
| Yokohama..... | Nov. 6-Dec. 3..... | 5 | 3 | |
| Districts..... | do..... | 1 | 1 | |

¹ For reports received from July 1 to Dec. 29, 1916, see Public Health Reports for Dec. 29, 1916. The tables of epidemic diseases are terminated semiannually and new tables begun.

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

Reports Received from Dec. 30, 1916, to Jan. 26, 1917—Continued.

CHOLERA—Continued.

| Place. | Date. | Cases. | Deaths. | Remarks. |
|------------------------|----------------------|--------|---------|---|
| Philippine Islands: | | | | |
| Manila..... | Oct. 29-Dec. 2.... | 44 | 13 | Not previously reported: Cases, 11; deaths, 1. |
| Provinces..... | | | | Oct. 29-Dec. 2, 1916: Cases, 2,861; deaths, 1,798 |
| Albay..... | Oct. 29-Dec. 2..... | 214 | 125 | |
| Antique..... | Nov. 18-25..... | 8 | 7 | |
| Bataan..... | Oct. 29-Dec. 2..... | 88 | 72 | |
| Batangas..... | Oct. 29-Nov. 18..... | 1 | 1 | |
| Bohol..... | Oct. 29-Dec. 2..... | 45 | 17 | |
| Bulacan..... | do..... | 36 | 29 | |
| Camarines..... | do..... | 54 | 32 | |
| Capiz..... | do..... | 40 | 33 | |
| Cavite..... | do..... | 140 | 101 | |
| Iloilo..... | do..... | 210 | 127 | |
| Laguna..... | Nov. 5-25..... | 12 | 10 | |
| LeYTE..... | Oct. 29-Dec. 2..... | 80 | 59 | |
| Misamis..... | do..... | 120 | 79 | |
| Negros Occidental..... | do..... | 786 | 468 | |
| Rizal..... | do..... | 25 | 14 | |
| Samar..... | Nov. 5-18..... | 13 | 10 | |
| Sorsogon..... | Oct. 29-Dec. 2..... | 131 | 71 | |
| Tayabas..... | Nov. 5-18..... | 1 | 1 | |
| Zambales..... | Oct. 29-Dec. 2..... | 7 | 1 | |
| Straits Settlements: | | | | |
| Singapore..... | Oct. 22-28..... | 2 | 2 | |
| Turkey in Asia..... | Sept. 22-Nov. 3..... | 189 | 81 | |
| Turkey in Europe: | | | | |
| Constantinople..... | Oct. 1-29..... | 6 | 1 | |

PLAQUE.

| | | | | |
|------------------------|----------------------|-------|-------|--|
| Brazil: | | | | |
| Bahia..... | Nov. 5-25..... | 11 | 7 | Jan. 1-Nov. 11, 1916: Cases, 14; deaths, 7. Nov. 5-11: Cases, 4; deaths, 2. |
| Joaozinho..... | | | | June 1-Nov. 6, 1916: Cases, 67; deaths, 51. |
| Ceylon: | | | | |
| Colombo..... | Oct. 28-Nov. 25..... | 10 | 7 | July 23-29, 1916: Cases, 9; deaths, 8. |
| China: | | | | Present. |
| Amoy, vicinity..... | Nov. 19-Dec. 2..... | | | Pneumonic. Reported present in other localities in Province. |
| Kansu Province— | | | | |
| Taochow..... | Oct. 1-24..... | | 20 | Sept. 1-Nov. 30, 1916: Cases, 156; deaths, 57. |
| Ecuador..... | | | | |
| Duran..... | Oct. 1-31..... | 1 | | |
| Guayaquil..... | Sept. 1-30..... | 21 | 7 | Jan. 1-Dec. 14, 1916: Cases, 1,700; deaths, 825. |
| Do..... | Oct. 1-31..... | 43 | 13 | 1 case on s. s. Proton, arrived Nov. 16, 1916, from Sidi Barand and Soium. |
| Do..... | Nov. 1-30..... | 88 | 35 | |
| Milagro..... | do..... | 1 | | |
| Nobil..... | Oct. 1-31..... | 1 | 1 | |
| Santa Rosa..... | Sept. 1-30..... | 1 | 1 | |
| Egypt..... | | | | |
| Alexandria..... | Nov. 12-22..... | 2 | 1 | Oct. 15-Nov. 25, 1916: Cases, 39,800; deaths, 30,261. |
| Port Said..... | Dec. 11..... | 1 | | Oct. 8-14, 1916: Cases, 13; deaths, 7. Received out of date. Original report lost on s. s. Arabia. |
| India..... | | | | |
| Bassein..... | Oct. 22-28..... | | 1 | Oct. 8-14, 1916: Cases, 1; deaths, 1. |
| Bombay..... | Nov. 5-Dec. 2..... | 37 | 27 | Oct. 8-14, 1916: Cases, 534; deaths, 353. Sept. 17-23, 1916: Cases, 429; deaths, 280. |
| Karachi..... | Oct. 29-Nov. 25..... | 2 | 1 | Oct. 1-7, 1916: Cases, 9; deaths, 9. |
| Madras..... | Nov. 19-25..... | 1 | | |
| Madras Presidency..... | Nov. 5-Dec. 2..... | 2,485 | 1,653 | |
| Mandalay..... | Oct. 28-Nov. 18..... | 2 | | |
| Prome..... | Oct. 22-Nov. 18..... | | 43 | |
| Rangoon..... | Oct. 28-Nov. 25..... | 14 | 12 | |
| Taungoo..... | Oct. 22-Nov. 18..... | | 8 | |

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

Reports Received from Dec. 30, 1916, to Jan. 26, 1917—Continued.

PLAQUE—Continued.

| Place. | Date. | Cases. | Deaths. | Remarks. |
|---------------------------|-----------------------|--------|---------|--|
| Indo-China— Provinces— | | | | June 1-July 31, 1916: Cases, 168, deaths, 104. |
| Anam..... | June 1-July 31..... | 44 | 29 | |
| Cambodia..... | do..... | 35 | 33 | |
| Cochin-China..... | do..... | 62 | 36 | |
| Kouang-Tcheou-Wan..... | July 1-31..... | 27 | 6 | |
| Saigon..... | Nov. 6-19..... | 3 | 1 | |
| Japan: | | | | |
| Yokkaichi..... | Nov. 12-Dec. 9..... | 9 | 4 | |
| Java: | | | | |
| East Java— | | | | |
| Kediri Residency..... | Aug. 26-Sept. 22..... | 12 | 10 | |
| Pasooroean Residency..... | do..... | 2 | 2 | |
| Surabaya Residency..... | do..... | 3 | 3 | |
| Siam: | | | | |
| Bangkok..... | Oct. 22-Nov. 18..... | 4 | 3 | |
| Straits Settlements: | | | | |
| Singapore..... | Oct. 22-Nov. 11..... | 4 | 5 | |

SMALLPOX.

| | | | | |
|---------------------------|----------------------|-----|----|---|
| Austria-Hungary: | | | | |
| Austria— | | | | |
| Vienna..... | Nov. 12-Dec. 9..... | 8 | 1 | |
| Hungary— | | | | |
| Budapest..... | Nov. 5-Dec. 9..... | 69 | 1 | |
| Brazil: | | | | |
| Bahia..... | Nov. 12-18..... | 3 | | |
| Rio de Janeiro..... | Nov. 12-Dec. 9..... | 32 | 6 | |
| China: | | | | |
| Amoy..... | Oct. 31-Dec. 9..... | | | Present. |
| Chungking..... | Oct. 28-Dec. 2..... | | | Present. |
| Dairen..... | Nov. 5-18..... | 26 | 3 | |
| Foochow..... | Oct. 29-Nov. 18..... | | | Present. |
| Harbin..... | Nov. 6-12..... | 1 | | |
| Hongkong..... | Oct. 28-Dec. 9..... | 105 | 71 | |
| Nanking..... | Nov. 12-25..... | | | Present. |
| Cuba: | | | | |
| Casa Blanca..... | Jan. 12..... | 1 | | Vicinity of Habana. Case landed Jan. 1, 1917, from s. s. Alfonso XIII, from Santander, Spain. |
| Enerucijada..... | Jan. 10..... | 1 | | In Santa Clara Province. Case landed from s. s. Montevideo from Barcelona, via Las Palmas, Canary Islands, and Porto Rico; arrived at Habana Jan. 6, 1917. Vicinity of Habana. Case landed from s. s. Montevideo. |
| Guanabacoa..... | Jan. 9..... | 1 | | |
| Habana..... | Jan. 10-20..... | 2 | | At Mariel quarantine station. From s. s. Montevideo. |
| Ecuador: | | | | |
| Guayaquil..... | Nov. 1-30..... | 10 | 1 | |
| Egypt: | | | | |
| Cairo..... | June 11-July 1..... | 50 | 20 | |
| Do..... | July 2-Aug. 12..... | 41 | 13 | |
| Port Said..... | June 11-17..... | 1 | 1 | |
| France: | | | | |
| Marseille..... | Oct. 1-31..... | | 5 | |
| India: | | | | |
| Bombay..... | Oct. 8-14..... | 3 | 3 | Received out of date. Original report lost on s. s. Arabia. |
| Calcutta..... | Nov. 5-11..... | | 1 | |
| Madras..... | Nov. 5-Dec. 2..... | 12 | 5 | |
| Moulmein..... | Oct. 28-Nov. 4..... | | 4 | |
| Rangoon..... | Oct. 28-Nov. 25..... | 8 | | |
| Indo-China— Provinces— | | | | June 1-July 31, 1916: Cases, 111; deaths, 35. |
| Anam..... | June 1-July 31..... | 14 | 6 | |
| Cambodia..... | do..... | 21 | 7 | |
| Cochin-China..... | do..... | 48 | 16 | |
| Tonkin..... | do..... | 28 | 6 | |
| Saigon..... | Nov. 6-19..... | 11 | 4 | |

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

Reports Received from Dec. 30, 1916, to Jan. 26, 1917—Continued.

SMALLPOX—Continued.

| Place. | Date. | Cases. | Deaths. | Remarks. |
|-------------------------|-----------------------|--------|---------|----------|
| Japan: | | | | |
| Kobe..... | Dec. 4-10..... | 1 | 1 | |
| Java: | | | | |
| East Java..... | Sept. 16-29..... | 17 | 1 | |
| Mid-Java..... | do..... | 26 | 3 | |
| West Java..... | Sept. 29-Oct. 12..... | 135 | 28 | |
| Batavia..... | do..... | 10 | 1 | |
| Mexico: | | | | |
| Mexico City..... | Dec. 10-23..... | 12 | | |
| Nuevo Laredo..... | do..... | 1 | | |
| Portugal: | | | | |
| Lisbon..... | Nov. 19-Dec. 2..... | 6 | | |
| Portuguese East Africa: | | | | |
| Lourenco Marques..... | Sept. 1-30..... | | 1 | |
| Russia: | | | | |
| Moscow..... | Oct. 16-Dec. 18..... | 43 | 12 | |
| Archangel..... | Nov. 25-Dec. 8..... | 5 | | |
| Petrograd..... | Oct. 8-Nov. 11..... | 63 | 24 | |
| Spain: | | | | |
| Seville..... | Nov. 1-30..... | | 22 | |
| Valencia..... | Nov. 19-Dec. 23..... | 5 | 1 | |
| Straits Settlements: | | | | |
| Penang..... | Oct. 28-Nov. 11..... | 2 | | |
| Tunisia: | | | | |
| Tunis..... | Nov. 25-Dec. 15..... | 51 | 27 | |
| Turkey in Asia: | | | | |
| Trebizond..... | Nov. 11-18..... | 1 | | |

TYPHUS FEVER.

| | | | | |
|------------------------|-----------------------|-----|-----|----------------------------------|
| Austria-Hungary: | | | | |
| Austria— | | | | |
| Vienna..... | Nov. 5-Dec. 9..... | 11 | 1 | |
| Hungary— | | | | |
| Budapest..... | do..... | 1 | | |
| Belgium: | | | | |
| Ghent..... | Oct. 29-Nov. 4..... | | 1 | |
| Liege..... | do..... | | 1 | |
| China: | | | | |
| Antung..... | Nov. 27-Dec. 10..... | 6 | | |
| Hunkow..... | Nov. 12-18..... | 1 | | |
| Tientsin..... | Oct. 29-Nov. 4..... | 1 | | |
| Cuba: | | | | |
| Santiago..... | Dec. 7-13..... | 1 | 1 | |
| Egypt: | | | | |
| Alexandria..... | Nov. 12-Dec. 9..... | 11 | 3 | |
| Cairo..... | June 11-July 1..... | 275 | 142 | |
| Do..... | July 2-Aug. 12..... | 206 | 107 | |
| Port Said..... | June 11-17..... | 20 | 9 | |
| Do..... | July 2-Aug. 12..... | 4 | 4 | |
| Germany: | | | | |
| Berlin..... | Oct. 15-Dec. 2..... | | 4 | |
| Bremen..... | Oct. 22-Nov. 18..... | 1 | 2 | |
| Frankfort-on-Main..... | Nov. 12-18..... | | 1 | |
| Königshberg..... | Nov. 12-Dec. 9..... | 4 | 4 | |
| Nuremberg..... | Oct. 29-Nov. 11..... | 3 | | |
| Great Britain: | | | | |
| Glasgow..... | Dec. 3-9..... | 3 | | |
| Greece: | | | | |
| Saloniki..... | Nov. 7-13..... | | 7 | |
| Java: | | | | |
| East Java..... | Sept. 16-22..... | 2 | | |
| Mid-Java..... | Sept. 16-29..... | 11 | 2 | |
| West Java..... | Sept. 29-Oct. 12..... | 24 | 1 | |
| Batavia..... | do..... | 21 | 1 | |
| Mexico: | | | | |
| Aguascalientes..... | Dec. 22..... | | | Epidemic. |
| Durango..... | Dec. 12..... | | | Present. |
| Mexico City..... | Dec. 3-23..... | 668 | | |
| Nuevo Laredo..... | Dec. 10-16..... | 4 | | July 1-Dec. 16, 1916: Cases, 23. |
| Netherlands: | | | | |
| Rotterdam..... | Nov. 26-Dec. 2..... | 6 | | |

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued.
Reports Received from Dec. 30, 1916, to Jan. 26, 1917—Continued.
TYPHUS FEVER—Continued.

| Place. | Date. | Cases. | Deaths. | Remarks. |
|-----------------|----------------------|--------|---------|----------|
| Russia: | | | | |
| Moscow..... | Oct. 16-Nov. 18..... | 43 | 1 | |
| Archangel..... | Nov. 25-Dec. 8..... | 10 | 4 | |
| Petrograd..... | Oct. 8-Nov. 11..... | 68 | 23 | |
| Sweden: | | | | |
| Stockholm..... | Nov. 28-Dec. 4..... | 1 | ..... |  |
| Switzerland: | | | | |
| Zurich..... | Dec. 3-9..... | 1 | ..... |  |
| Turkey in Asia: | | | | |
| Haifa..... | Oct. 16-22..... | 1 | ..... |  |

YELLOW FEVER.

| Ecuador: | | | | |
|----------------|------------------|----|-------|--|
| Babahoyo..... | Nov. 1-30..... | 1 | 1 | |
| Chobo..... | do..... | 1 | ..... |  |
| Duran..... | Oct. 1-31..... | 1 | ..... |  |
| Guayaquil..... | Sept. 1-30..... | 17 | 5 | |
| Do..... | Oct. 1-31..... | 15 | 12 | |
| Do..... | Nov. 1-30..... | 6 | 3 | |
| Milagro..... | /Sept. 1-30..... | 1 | ..... |  |
| | (Oct. 1-31.....) | 2 | 1 | |