

PUBLIC HEALTH REPORTS

VOL. 33

JANUARY 25, 1918

No. 4

NEGATIVE EXAMINATIONS OF TYPHOID CARRIERS.

A TYPHOID CARRIER DISCHARGED DURING CONVALESCENCE AFTER THREE NEGATIVE FECAL EXAMINATIONS—TYPHOID HISTORY IN FAMILY.

By CHARLES KRUMWIEDE, Jr., and MORRIS L. OGAN, Department of Health, New York City.

The requirement that the feces and urine should, prior to discharge of the patient, be found negative on bacteriological examination has undoubted value. Such negative examinations, however, are not conclusive evidence that the excretion of bacilli has ceased, or that if it has ceased excretion may not be resumed. The excretion during convalescence may be very irregular and a negative result may be due to the fact that the number of typhoid bacilli present is so small that they can not be isolated by our present methods. Furthermore, actual absence from the feces would not exclude the presence of developing biliary lesions which will later discharge bacilli into the intestinal tract. Although these facts are generally known, it is seldom that we encounter such a striking illustration of their importance as the one here reported.

On April 28, 1914, we were notified of the death of Mrs. Las. An autopsy was obtained and the post-mortem findings verified the clinical diagnosis of typhoid fever. The typhoid fever was complicated by the abortion of a six months' fetus. Investigation revealed an interesting family typhoid history, showing the importance of contact infection. It also revealed the presence in the family of a chronic carrier.

Four related families were found involved. Of a total of 37 persons, 12 had developed typhoid fever. Three of the families, C., G., and Lib., are related—the mothers are sisters. Mrs. Las. is the daughter of Mrs. C. The cases of typhoid fever in the order of their onset are as follows:

C. family:

Mike; onset September 3, 1913; age 17 years.

Mrs.; onset October 3, 1913; age 54 years.

Julia; onset October 3, 1913, or possibly before; age 15 years.

George; onset October 13, 1913; probable typhoid; age 25 years.

G. family:

Angelina; onset October 8, 1913; age 2 years.

Rocco; onset October 11, 1913; age 6 years.

Lib. family: Julia; onset October 14, 1913; age 15 years.

Las. family:

Rocco; onset March 11, 1914; age 10 years.

Daniel; onset March 20, 1914; age 12 years.

Louis; onset March 20, 1914; age 8 years.

Theresa; onset March 20, 1914; age 4 years.

Mrs.; onset April 1, 1914; died; age 30 years.

The probable sequence¹ of infection is as follows. Mrs. C. and Julia C. were probably infected nursing Mike, who did not enter the hospital till late in the course of the disease, being sent to the hospital because of the development of a peri-renal abscess. As Mike did not enter the hospital till October 11, he was probably the source of infection for George as well, rather than the more recently ill mother and sister.

The members of the G. and Lib. family visited the C. family during the illness of Mike and may have easily been infected from this source, especially considering the cramped quarters the family occupied.

With the developing of pregnancy of Mrs. Las., the mother, Mrs. C., was called upon for help in the household work, and came in more frequent contact with the members of the Las family. Although Mrs. C. was discharged from the hospital only after three negative examinations of her feces, she was found to be a carrier when examined in May, 1914, and is still excreting typhoid bacilli at the present time, although remittently. A remission of nearly six months has occurred while under our observation.

Discharge negative examinations are a safeguard only in so far as they prevent the return of convalescents to their homes while still excreting typhoid bacilli in appreciable numbers. The history of the above carrier indicates the value of a prolonged period of observation of those convalescents who are engaged in occupations where they handle foodstuffs. According to the present department procedure, such persons are now kept under observation and reexamined over a period of six months.

MALARIA IN ARKANSAS.

PREVALENCE AND GEOGRAPHIC DISTRIBUTION—1915 AND 1916.

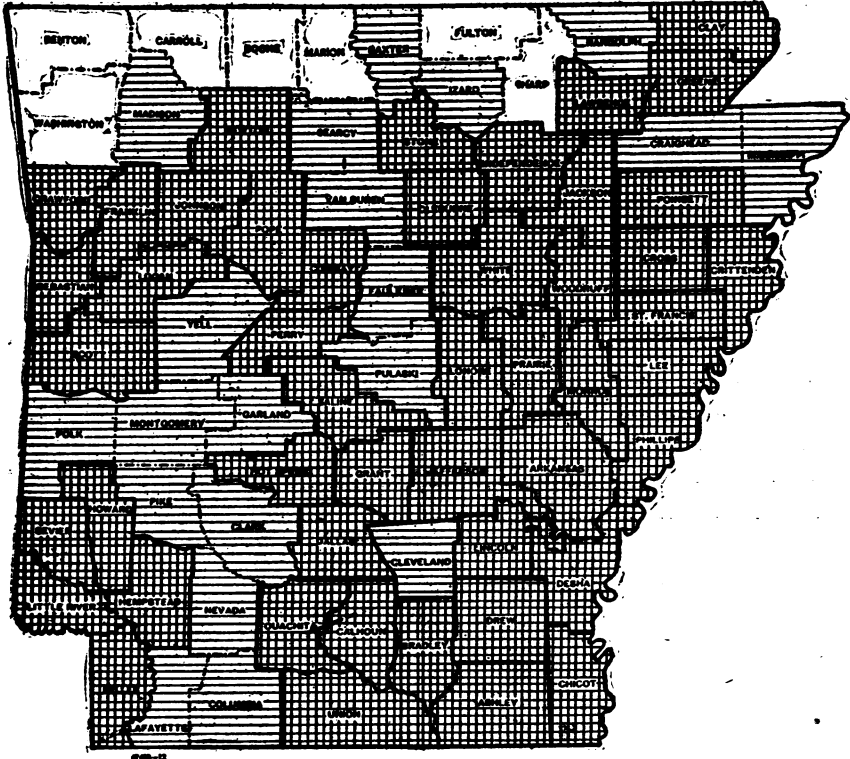
The study of the prevalence and geographic distribution of malarial fevers in the State of Arkansas, through the circularization of the practicing physicians, was begun in 1913. Previous reports on this subject were published in the Public Health Reports of January 2, 1914, and May 28, 1915, and issued as reprints Nos. 160 and 277.

¹ Based on statements of family.

During 1915 and 1916 the physicians were circularized every three months, reply postal cards being used for the purpose.

Of the cards sent to the physicians about 14 per cent were returned. The number of cards sent out, the number of schedules returned, and the number of counties represented at each circularization are shown in Table 1.

It is to be borne in mind that the number of cases reported by the physicians does not show the number of cases that actually occurred, for an average of only a little more than 14 per cent of the physicians



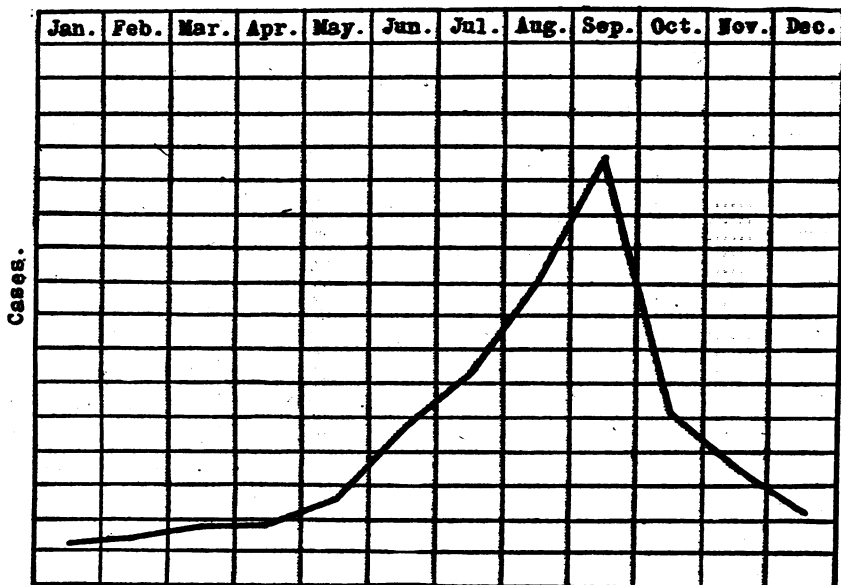
Relative prevalence of malaria in Arkansas, by counties in proportion to the population, as indicated by the number of cases reported.

returned the schedules. While there must have been many more cases of malaria in the State, the reports of the physicians on which this study is based are sufficient to show whether malaria was present or absent in the several counties, and reasonably accurately the relative intensity of the infection in the counties.

The cases reported throughout the State by months are shown in Table 2. The relative numbers of cases reported by months are shown in the chart.

The number of cases reported from the several counties of the State are given by race and year in Table 3.

The map on page 101 shows the relative prevalence of the disease in the several counties of the State, the heavier shaded counties being those in which the infection was heaviest, the unshaded counties those in which the infection was lightest, as indicated by the numbers of cases reported. The relative intensity of infection was determined



Relative prevalence of malaria in Arkansas, by months, as indicated by the number of cases reported.

by ascertaining the number of cases reported in each county during the two years—1915 and 1916—per 1,000 population. The population used was that of the 1910 census, it being impracticable to use current estimates for the purpose.

Table 4 shows that hemoglobinuric fever was reported in 17 counties.

TABLE 1.—Results of circularization of practicing physicians.

| Period. | Inquiry cards sent to physicians. | Replies received. | Percentage of replies. | Counties represented in replies. | Counties not heard from. | Cases of malaria reported. |
|--------------------------|-----------------------------------|-------------------|------------------------|----------------------------------|--------------------------|----------------------------|
| 1915. | | | | | | |
| January to March..... | 6,900 | 1,248 | 18.09 | 74 | 1 | 2,359 |
| April to June..... | 2,300 | 326 | 14.17 | 73 | 2 | 4,319 |
| July to September..... | 2,300 | 348 | 15.13 | 73 | 2 | 18,950 |
| October to December..... | 2,300 | 282 | 12.17 | 70 | 5 | 6,334 |
| 1916. | | | | | | |
| January to March..... | 2,300 | 284 | 12.35 | 70 | 5 | 2,167 |
| April to June..... | 2,300 | 254 | 11.04 | 69 | 6 | 4,844 |
| July to September..... | 2,300 | 267 | 11.61 | 69 | 6 | 9,085 |
| October to December..... | 2,300 | 237 | 10.30 | 70 | 5 | 4,409 |

TABLE 2.—Cases of malaria reported by months.

| Year. | Jan. | Feb. | Mar. | Apr. | May. | June. | July. | Aug. | Sept. | Oct. | Nov. | Dec. |
|-----------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1915..... | 586 | 831 | 942 | 942 | 1,177 | 2,200 | 3,753 | 5,900 | 9,297 | 3,090 | 1,990 | 1,254 |
| 1916..... | 634 | 641 | 892 | 927 | 1,400 | 2,517 | 2,582 | 3,119 | 3,394 | 2,003 | 1,464 | 942 |

TABLE 3.—Cases reported by counties, by years, and by color.

| County. | Calendar year 1915. | | | Calendar year 1916. | | |
|-------------------|---------------------|----------|-----------|---------------------|----------|-----------|
| | White. | Colored. | Combined. | White. | Colored. | Combined. |
| Arkansas..... | 263 | 59 | 322 | 296 | 112 | 398 |
| Ashley..... | 378 | 230 | 608 | 65 | 113 | 178 |
| Baxter..... | 100 | 2 | 102 | 54 | ..... | 54 |
| Benton..... | 48 | ..... | 48 | 228 | ..... | 228 |
| Boone..... | 100 | ..... | 100 | 10 | ..... | 10 |
| Bradley..... | 435 | 129 | 564 | 471 | 152 | 623 |
| Calhoun..... | 105 | 60 | 165 | 56 | 29 | 85 |
| Carroll..... | 37 | ..... | 37 | ..... | ..... | ..... |
| Chicot..... | 158 | 381 | 539 | 19 | 192 | 211 |
| Clark..... | 89 | 43 | 132 | 64 | 41 | 105 |
| Clay..... | 894 | ..... | 894 | 501 | ..... | 501 |
| Cleburne..... | 326 | ..... | 326 | 189 | ..... | 189 |
| Cleveland..... | 172 | 21 | 193 | 25 | 20 | 45 |
| Columbia..... | 61 | 28 | 89 | 34 | 11 | 45 |
| Conway..... | 940 | 103 | 1,043 | 116 | 14 | 130 |
| Craighead..... | 195 | 10 | 205 | 141 | 4 | 145 |
| Crawford..... | 1,018 | 198 | 1,216 | 523 | 94 | 617 |
| Crittenden..... | 70 | 238 | 308 | 70 | 469 | 539 |
| Cross..... | 187 | 20 | 207 | 169 | 24 | 193 |
| Dallas..... | 133 | 73 | 206 | 128 | 75 | 203 |
| Desha..... | 97 | 59 | 156 | 136 | 176 | 312 |
| Drew..... | 234 | 146 | 380 | 149 | 203 | 352 |
| Faulkner..... | 294 | 19 | 313 | 153 | 71 | 224 |
| Franklin..... | 287 | 3 | 290 | 244 | 7 | 251 |
| Fulton..... | 30 | ..... | 30 | ..... | ..... | ..... |
| Garland..... | 235 | 6 | 241 | 212 | 8 | 220 |
| Grant..... | 407 | 82 | 489 | 232 | 146 | 378 |
| Greene..... | 355 | ..... | 355 | 248 | ..... | 248 |
| Hempstead..... | 629 | 473 | 1,102 | 214 | 55 | 269 |
| Hot Spring..... | 131 | 80 | 211 | 122 | 45 | 167 |
| Howard..... | 195 | 71 | 266 | 173 | 175 | 348 |
| Independence..... | 311 | 6 | 317 | 271 | 23 | 294 |
| Izard..... | 98 | 1 | 99 | 169 | 2 | 171 |
| Jackson..... | 252 | 189 | 441 | 258 | 203 | 461 |
| Jefferson..... | 223 | 223 | 446 | 213 | 697 | 910 |
| Johnson..... | 851 | 5 | 856 | 179 | ..... | 179 |
| Lafayette..... | 108 | 99 | 207 | 45 | 57 | 102 |
| Lawrence..... | 543 | 20 | 563 | 336 | 84 | 420 |
| Lee..... | 194 | 719 | 913 | 65 | 153 | 218 |
| Lincoln..... | 323 | 182 | 505 | 125 | 579 | 704 |
| Little River..... | 642 | 667 | 1,309 | 76 | 76 | 152 |
| Logan..... | 470 | 8 | 478 | 279 | 15 | 294 |
| Lonoke..... | 301 | 120 | 421 | 261 | 61 | 322 |
| Madison..... | 165 | 5 | 170 | 57 | ..... | 57 |
| Marion..... | 14 | 1 | 15 | 18 | ..... | 18 |
| Miller..... | 283 | 27 | 310 | 398 | 89 | 487 |
| Mississippi..... | 226 | 134 | 360 | 98 | 88 | 186 |
| Monroe..... | 1,099 | 1,773 | 2,872 | 255 | 258 | 513 |
| Montgomery..... | 137 | 8 | 145 | 123 | 28 | 151 |
| Nevada..... | 35 | 12 | 47 | 146 | 51 | 197 |
| Newton..... | 290 | ..... | 290 | 38 | ..... | 38 |
| Ouachita..... | 428 | 392 | 820 | 222 | 145 | 367 |
| Perry..... | 1,096 | 216 | 1,312 | 285 | 59 | 344 |
| Phillips..... | 376 | 378 | 754 | 217 | 286 | 503 |
| Pike..... | 165 | 16 | 181 | 108 | 5 | 113 |
| Poinsett..... | 708 | 234 | 942 | 35 | 1 | 36 |
| Polk..... | 108 | 10 | 118 | 28 | ..... | 28 |
| Pope..... | 523 | 52 | 575 | 116 | 5 | 121 |
| Prairie..... | 84 | 130 | 214 | 100 | 14 | 114 |
| Pulaski..... | 222 | 167 | 389 | 413 | 249 | 662 |
| Randolph..... | 122 | 1 | 123 | 165 | 73 | 238 |
| St. Francis..... | 130 | 182 | 312 | 403 | 175 | 578 |
| Saline..... | 275 | 90 | 365 | 567 | 92 | 659 |
| Scott..... | 555 | ..... | 555 | 174 | ..... | 174 |
| Searcy..... | 60 | ..... | 60 | 113 | 101 | 214 |
| Sebastian..... | 629 | 112 | 741 | 502 | 151 | 653 |

TABLE 3.—Cases reported by counties, by years, and by color—Continued.

| County. | Calendar year 1915. | | | Calendar year 1916. | | |
|-----------------|---------------------|----------|-----------|---------------------|----------|-----------|
| | White. | Colored. | Combined. | White. | Colored. | Combined. |
| Sevier..... | 694 | 99 | 793 | 436 | 53 | 489 |
| Sharp..... | 52 | ..... | 52 | 10 | ..... | 10 |
| Stone..... | 74 | ..... | 74 | 280 | 28 | 308 |
| Union..... | 246 | 128 | 374 | 429 | 227 | 656 |
| Van Buren..... | 176 | ..... | 176 | 113 | ..... | 113 |
| Washington..... | 216 | ..... | 216 | 116 | 6 | 122 |
| White..... | 232 | 38 | 270 | 267 | 40 | 307 |
| Woodruff..... | 107 | 153 | 260 | 308 | 58 | 366 |
| Yell..... | 279 | 106 | 385 | 183 | 15 | 198 |
| Total..... | 22,725 | 9,237 | 31,962 | 14,032 | 6,483 | 20,515 |

TABLE 4.—Hemoglobinuric fever reported, 1916.

| County. | Cases reported. | | | |
|------------------|-----------------|-----------------|----------------|-----------------|
| | First quarter. | Second quarter. | Third quarter. | Fourth quarter. |
| Arkansas..... | ..... | ..... | 1 | ..... |
| Columbia..... | ..... | ..... | 2 | 2 |
| Conway..... | ..... | ..... | ..... | 1 |
| Crawford..... | ..... | ..... | 7 | ..... |
| Paulkner..... | 1 | ..... | ..... | 1 |
| Johnson..... | ..... | ..... | ..... | 1 |
| Lawrence..... | 1 | ..... | ..... | ..... |
| Lee..... | ..... | ..... | ..... | 2 |
| Lenoke..... | 4 | ..... | 1 | ..... |
| Mississippi..... | 1 | ..... | ..... | ..... |
| Quachita..... | ..... | 1 | ..... | ..... |
| Perry..... | ..... | ..... | 3 | ..... |
| Phillips..... | 2 | ..... | 1 | ..... |
| Pope..... | ..... | ..... | 2 | ..... |
| Pulaski..... | ..... | ..... | 1 | ..... |
| Sevier..... | ..... | ..... | 2 | ..... |
| Woodruff..... | ..... | ..... | 2 | 5 |

PREVALENCE OF DISEASE.

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

UNITED STATES.

EXTRA-CANTONMENT ZONES—CASES REPORTED WEEK ENDED JAN. 22.

Camp Beauregard, La.—City of Alexandria: Pneumonia 3, measles 9, mumps 1, meningitis 2, German measles 3. For city of Pineville: Meningitis 1, pneumonia 1, measles 2, chicken pox 1. For Boyce: Measles 12, pneumonia 2, malaria 1. Village of Ball: Pneumonia 1. For rest of rural district: Measles 3, pneumonia 1.

Camp Bowie, Tex.—Fort Worth: Diphtheria 1, smallpox 13, measles 2, tuberculosis 2.

Camp Dodge, Iowa.—Des Moines: Smallpox 51, diphtheria 2, scarlet fever 11, German measles 1, measles 2, syphilis 9, gonorrhea 8, syphilis and gonorrhea 4. Polk City: Chicken pox 2, measles 1. Grimes: Pneumonia 1. Bloomfield township: Smallpox 6, scarlet fever 1.

Camp Funston, Kans.—Army City: Measles 2. Leonardville: Chicken pox 1. Green: Measles 1. Ogden: Typhoid 1, measles 1, chicken pox 2. Cleburne: Measles 1. Riley: Measles 7, smallpox 3. Milford: Measles 1. Manhattan: Measles 81, scarlet fever 6, chicken pox 1, pneumonia 2, diphtheria 1, meningitis carriers 3, whooping cough 3. Junction City: Measles 7, scarlet fever 1.

Camp Gordon, Ga.—Atlanta: Diphtheria 13, German measles 12, gonococcus infection 1, measles 4, epidemic cerebrospinal meningitis 2, tuberculous meningitis 1, mumps 3, lobar pneumonia 5, scarlet fever 2, smallpox 2, syphilis 1. East Point, Fulton County: Smallpox 1. Clarkston, Dekalb County: Measles 4. Armour Station, Fulton County: Epidemic cerebrospinal meningitis 1. Marietta Road, Fulton County: Diphtheria 1. Bolton, Fulton County: Diphtheria 1. Ashford Park, Dekalb County: Diphtheria 1. Stone Mountain, Dekalb County: Measles 1, chicken pox 1.

Camp Greene, N. C.—Chicken pox 5, chancroids 1, cerebrospinal meningitis 4, gonorrhea 1, measles 35, German measles 8, mumps 4, syphilis 3, whooping cough 5, trachoma 1, smallpox 1; all in Charlotte township.

Camp Hancock, Ga.—Measles: Augusta 22, County Home 4, Hephzibah 10, Blythe 6. German measles: Augusta 40. Chicken pox: Augusta 3. Cerebrospinal meningitis: Augusta 2, one of which was fatal. Scarlet fever: Augusta 1. Mumps: Augusta 1. Lobar pneumonia: Blythe 1.

Camp Jackson, S. C.—Columbia, week ending 19th: Roseola 9, diphtheria 2, measles 10, varicella 1, pneumonia 1, cerebrospinal meningitis 1. January 21: Columbia, Meningitis 1; extra-urban Columbia, Rose Hill 1. January 22: Extra-urban Liberty Hill: Meningitis 2.

Fort Leavenworth, Kans.—German measles: City 10, county 2. Measles: City 5, county 1. Diphtheria: City 2, county 2. Lobar pneumonia: City 3, county 1. Smallpox: City 1, county 6. Chicken pox: City 6. Cerebrospinal meningitis: County 1. Scarlet fever: City 5. Gonococcus infection: City 1.

Camp Lee, Va.—Petersburg: Typhoid 1, German measles 7, measles 7, pneumonia 4, acute food poisoning 1, tuberculosis 4, gonorrhea 3. Ettrick: Whooping cough 5, German measles 1, tonsillitis 1. Hopewell: Measles 4. City Point: Measles 1. Chesterfield County: Chicken pox 2, tuberculosis 1, syphilis 1. Dinwiddie County: Tuberculosis 2, malaria 1.

Camp Logan, Tex.—Houston: Chicken pox 3, German measles 15, measles 26, mumps 4, cerebrospinal meningitis 1, pneumonia 6. Houston Heights: German measles 1. Pasadena: Pneumonia 2. Park Place: Pneumonia 1.

Camp MacArthur, Tex.—Waco: Chicken pox 2, German measles 7, gonococcus 1, measles 1, epidemic meningitis 2, lobar pneumonia 1.

Camp McClellan, Ala.—Anniston: Measles 12, mumps 1, chicken pox 17, German measles 8, tuberculosis 1, typhoid fever 1, pneumonia 1, smallpox 2, poliomyelitis 1. District Fifteen: Pneumonia 1.

Fort Oglethorpe, Ga.—Chattanooga: Tuberculosis 6, syphilis 2, mumps 5, gonorrhea 2, German measles 18, pneumonia 3, scarlet fever 1, whooping cough 1. Alton Park: Tuberculosis 1, scarlet fever 4, measles 1. St. Elmo: German measles 2. Fast Lake: Pneumonia 2, mumps 1, measles 1. East Chattanooga: Measles 1. North Chattanooga: Measles 2. Rossville: Pneumonia 1, mumps 2.

Camp Pike, Ark.—Cases reported week ending January 22: Little Rock: Measles 15, chicken pox 1, smallpox 33, scarlet fever 1, tuberculosis 1, pneumonia 5, mumps 1, malaria 3, syphilis 4, gonorrhea 12, chancre 2, meningitis 3. North Little Rock: Smallpox 5, tuberculosis 1, German measles 5, syphilis 1, chancre 1, meningitis 1, whooping cough 1. Sweet Home: Smallpox 1. Toltec: Scarlet fever 1, pellagra 1. Scotts: German measles 1, syphilis 1, gonorrhea 6.

Camp Sevier, S. C.—Judson Mill: Four measles. Monaghan Mill: One measles. Poe Mill: One epidemic cerebrospinal meningitis.

Camp Shelby, Miss.—Week ending January 19, 1918. Forest County: Hattiesburg: chicken pox 4, malaria 5, measles 5, German measles 3, mumps 7, pneumonia 2, smallpox 4, syphilis 1. Carnes: measles 8. Macedonia: measles 3, pneumonia 1. McLaurin: diphtheria 3, smallpox 2. Stone County: Wiggins: smallpox 10. Lamar County: Richburg: measles 1. Harrison County: Gulfport: anterior poliomyelitis 1. Lamar County: Lumberton: smallpox 1.

Camp Sheridan, Ala.—Montgomery: Measles 33, German measles 32, smallpox 3, meningitis 1, scarlet fever 1, mumps 3. Capitol Heights: Measles 1. Cloverdale: Scarlet fever 1, measles 3. Rural district in 5-mile zone: Measles, smallpox 1.

Camp Sherman, Ohio.—Chicken pox: Chillicothe 1. Diphtheria: Chillicothe 1. German measles: Chillicothe 20, East Scioto Township 1. Measles: Chillicothe 8. Scarlet fever: Chillicothe 4. Syphilis: Chillicothe 2. Tuberculosis: Chillicothe 1.

Camp Zachary Taylor, Ky.—Jefferson County: Chicken pox 2, German measles 3, measles 2. Louisville: Diphtheria 7, German measles 7, measles 35, scarlet fever 5, meningitis (tubercular) 1, cerebrospinal, 2, tuberculosis 5, typhoid fever 1, whooping cough 2.

Camp Wadsworth, S. C.—Spartanburg city: Measles 1, German measles 19, whooping cough 3, chicken pox 4, diphtheria 1, cerebrospinal meningitis 2, scarlet fever 2, smallpox 1. Glenn Spring: German measles 1.

Camp Wheeler, Ga.—In Macon: Measles 15, meningitis 3, diphtheria 2, tuberculosis 3, pneumonia 4, mumps 16, chicken pox 2, scarlet fever 5. In East Macon: Measles 1.

CURRENT STATE SUMMARIES.**Alabama.**

From Collaborating Epidemiologist Perry, telegram dated January 21, 1918:

Smallpox: Five cases Limestone County, 1 Monroe, 1 Shelby, 1 Sumter, 3 Walker, 1 Wilcox.

Arkansas.

From Collaborating Epidemiologist Garrison, telegram dated January 21, 1918:

For week ended 19th, have to report smallpox: Three cases Lonoke County, several Lawrence County, 75 Trumann, 1 Calico Rock, 2 Clarksville, 3 Dermott, 1 Holly Grove, 5 Phillips County, 1 Hope. One case meningitis Dermott, 1 diphtheria Camden.

California.

From the California State Board of Health, telegram dated January 22, 1918:

Sharp increase last week in chicken pox, diphtheria, and measles. Smallpox more prevalent; 9 cases reported, 2 of which just arrived from Illinois and Kansas. One case anthrax in man, Napa County. Three cases epidemic cerebrospinal meningitis, 1 Los Angeles County, 1 Los Angeles City, and 1 San Francisco. One case leprosy, Oakland. One suspected leprosy, Contra Costa County. Measles especially prevalent San Diego and Palo Alto.

Reported by mail for preceding week (ended Jan. 12):

| | | | |
|-------------------------------|-----|----------------------------|-----|
| Anthrax..... | 1 | Pneumonia..... | 88 |
| Cerebrospinal meningitis..... | 4 | Ophthalmia neonatorum..... | 1 |
| Chicken pox..... | 134 | Scarlet fever..... | 117 |
| Diphtheria..... | 52 | Smallpox..... | 4 |
| Dysentery..... | 2 | Syphilis..... | 41 |
| Erysipelas..... | 13 | Trachoma..... | 1 |
| German measles..... | 103 | Tuberculosis..... | 93 |
| Gonococcus infection..... | 45 | Typhoid fever..... | 9 |
| Malaria..... | 8 | Paratyphoid..... | 1 |
| Measles..... | 309 | Whooping cough..... | 115 |
| Mumps..... | 74 | | |

Connecticut.

From Collaborating Epidemiologist Black, telegram dated January 21, 1918:

One cerebrospinal meningitis navy yard, New London. One smallpox, Winsted.

Indiana.

From the State Board of Health of Indiana, telegram dated January 21, 1918:

Scarlet fever: Epidemic Vevay, Crandall, Harrison County, Banquo, Grant County, Bartholomew County, 50 cases Kosciusko County; 1 death Sullivan; Winslow, Pike County. Diphtheria: Epidemic Owensville, Gibson County, and Sheridan; 1 death

Veedersburg, Jasper. Measles: Epidemic Wayne, Shelbyville, Huntington, Martinsville. Whooping cough: Vallonia, Jackson County. Smallpox: Epidemic New Haven, Allen County, Knightsville, Clay County, South Milford, Lagrange.

Kansas.

From Collaborating Epidemiologist Crumbine, telegram dated January 22, 1918:

Week ending January 19. Poliomyelitis: Harper County 1. Meningitis: Great Bend 1, Frederick 1, Manhattan 3. Meningitis carriers: Manhattan 1. Smallpox: Kansas City 59. Diphtheria: Pleasanton 25.

Louisiana.

From Collaborating Epidemiologist Dowling, telegram dated January 21, 1918:

Meningitis (excluding Rapides): Vermilion 2, 14th; DeSoto 1, 14th; Vermilion 1, 16th; DeSoto 1, 16th; LaFourche 1, 16th; Orleans 2, 18th; St. James 1, 21st. Poliomyelitis: January 16, 1.

Massachusetts.

From Collaborating Epidemiologist Kelley, telegram dated January 21, 1918:

Unusual prevalence: Diphtheria: Waltham, January 10. Measles; Blandford, total January 18, Braintree 31 additional; Marlboro total January 100, Medfield 20 additional.

Minnesota.

From Collaborating Epidemiologist Bracken, telegram dated January 21, 1918:

Smallpox: Clay County, Elmwood Township; Filmore County, Forestville Township; Kittson County, Deerwood Township, St. Joseph Township; Roseau County, Greenbush Township; Scott County, New Margaret village; each 1 case. Four cerebrospinal meningitis, two poliomyelitis cases reported since January 14.

Mississippi.

From Collaborating Epidemiologist Leathers, telegram dated January 21, 1918:

Negro dead 20th epidemic cerebrospinal meningitis Jackson; otherwise negative.

Ohio.

From Collaborating Epidemiologist Freeman, telegram dated January 21, 1918:

No unusual prevalence. Smallpox situation improving.

South Carolina.

From Collaborating Epidemiologist Hayne, telegram dated January 21, 1918:

Five new cases meningitis in State during week, pneumonia epidemic, measles lessening.

Virginia.

From Collaborating Epidemiologist Traynham, telegram dated January 21, 1918:

Five cases smallpox Wise County, two Russell County. Two cases cerebrospinal meningitis Alexandria County, one case Norfolk.

CEREBROSPINAL MENINGITIS.

State Reports for November and December, 1917.

| Place. | New cases reported. | Place. | New cases reported. |
|-----------------------------------|---------------------|---------------------------|---------------------|
| District of Columbia (Dec. 1-31): | | Massachusetts—Continued. | |
| District of Columbia..... | 8 | Suffolk County— | |
| Louisiana (Dec. 1-31): | | Boston..... | 2 |
| Caddo Parish..... | 1 | Winthrop (town)..... | 1 |
| De-oto Parish..... | 1 | Total..... | 15 |
| Rapides Parish..... | 18 | Pennsylvania (Dec. 1-31): | |
| Total..... | 20 | Allegheny County..... | 7 |
| Maryland (Dec. 1-31): | | Peaver County..... | 1 |
| Baltimore City..... | 7 | Blair County..... | 1 |
| Baltimore County— | | Cambria County..... | 2 |
| Arlington..... | 1 | Chester County..... | 1 |
| Dell-h-t..... | 1 | Clearfield County..... | 1 |
| Sparrows Point..... | 1 | Dauphin County..... | 1 |
| Total..... | 10 | Delaware County..... | 2 |
| Massachusetts (Dec. 1-31): | | Fayette County..... | 2 |
| Essex (county)— | | Lehigh County..... | 1 |
| Ic-very..... | 1 | Philadelphia County..... | 11 |
| Lawrence..... | 1 | Tioga County..... | 1 |
| Franklin County— | | Venango County..... | 1 |
| Greenfield (town)..... | 1 | Total..... | 32 |
| Middlesex (county)— | | Virginia (Nov. 1-30): | |
| Cambridge..... | 1 | Augusta County..... | 1 |
| Camp Devens..... | 1 | Caroline County..... | 1 |
| Lowell..... | 2 | Essex County..... | 1 |
| Malden..... | 1 | Grayson County..... | 2 |
| Tewksbury State Infirmary..... | 1 | Norfolk— | |
| Waltham..... | 1 | Portsmouth..... | 1 |
| Norfolk (county)— | | Patrick County..... | 1 |
| Canton (town)..... | 1 | Prince George County..... | 5 |
| Plymouth (county)— | | Roanoke— | |
| Brockton..... | 1 | Salem..... | 1 |
| | | Rockbridge County..... | 1 |
| | | Washington County..... | 1 |
| | | Total..... | 15 |

City Reports for Week Ended Jan. 5, 1918.

| Place. | Cases. | Deaths. | Place | Cases. | Deaths. |
|-----------------------|--------|---------|-----------------------------|--------|---------|
| Albany, N. Y..... | 1 | | Memphis, Tenn..... | | 1 |
| Alexandria, La..... | 7 | 2 | Montgomery, Ala..... | 1 | 1 |
| Baltimore, Md..... | 1 | 1 | Newark, N. J..... | 3 | 1 |
| Boston, Mass..... | 1 | 1 | New Bedford, Mass..... | 1 | 1 |
| Bridgeport, Conn..... | 1 | | New Britain, Conn..... | 1 | 1 |
| Buffalo, N. Y..... | 1 | 1 | Newport News, Va..... | 1 | |
| Chicago, Ill..... | 8 | 4 | New York, N. Y..... | 4 | 2 |
| Cleveland, Ohio..... | 2 | 1 | North Little Rock, Ark..... | 2 | |
| Dayton, Ohio..... | 1 | | Philadelphia, Pa..... | 1 | 2 |
| Fall River, Mass..... | | 1 | Pittsburgh, Pa..... | | 1 |
| Fort Worth, Tex..... | 1 | 1 | Providence, R. I..... | 3 | 1 |
| Hartford, Conn..... | 1 | | Rockford, Ill..... | | 3 |
| Kansas City, Mo..... | 6 | | St. Louis, Mo..... | 1 | |
| Lawrence, Mass..... | | 1 | San Jose, Cal..... | 1 | |
| Little Rock, Ark..... | 2 | | San Antonio, Tex..... | 1 | |
| Los Angeles, Cal..... | 2 | 2 | Toledo, Ohio..... | 2 | |
| Lowell, Mass..... | 1 | | Wichita, Kans..... | 1 | |
| Macon, Ga..... | 3 | 3 | Worcester, Mass..... | 1 | |

DIPHTHERIA.

See Diphtheria, measles, scarlet fever, and tuberculosis, page 117.

ERYSIPELAS.

City Reports for Week Ended Jan. 5, 1918.

| Place. | Cases. | Deaths. | Place. | Cases. | Deaths. |
|-------------------|--------|---------|----------------------|--------|---------|
| Baltimore, Md. | 3 | ..... | Nashville, Tenn. | 2 | ..... |
| Birmingham, Ala. | ..... | 1 | Newark, N. J. | 6 | 1 |
| Butte, Mont. | 1 | ..... | New York, N. Y. | ..... | 5 |
| Buffalo, N. Y. | 3 | ..... | Norristown, Pa. | ..... | 1 |
| Chicago, Ill. | 20 | 5 | Omaha, Nebr. | 2 | ..... |
| Cleveland, Ohio | 6 | ..... | Pawtucket, R. I. | 1 | 1 |
| Denver, Colo. | 3 | ..... | Philadelphia, Pa. | 1 | 1 |
| Dubuque, Iowa | 1 | ..... | Pittsburgh, Pa. | 9 | ..... |
| Duluth, Minn. | 1 | ..... | Pontiac, Mich. | 2 | ..... |
| Eric, Pa. | 1 | ..... | Portland, Oreg. | 3 | ..... |
| Hartford, Conn. | 2 | ..... | Rochester, N. Y. | 1 | ..... |
| Jackson, Fla. | ..... | 1 | St. Louis, Mo. | 7 | ..... |
| Kansas City, Mo. | 1 | 2 | Salt Lake City, Utah | ..... | 1 |
| Lancaster, Pa. | 1 | ..... | San Francisco, Cal. | 4 | ..... |
| Lawrence, Mass. | ..... | 1 | Schenectady, N. Y. | ..... | 1 |
| Los Angeles, Cal. | 2 | ..... | Troy, N. Y. | 1 | ..... |
| Memphis, Tenn. | 3 | ..... | Wheeling, W. Va. | ..... | 2 |
| Muscatine, Iowa | 1 | ..... | Wilkinsburg, Pa. | 1 | ..... |
| Milwaukee, Wis. | 1 | ..... | Wilmington, Del. | ..... | 1 |

MALARIA.

State Reports for November and December, 1917.

| Place. | New cases reported. | Place. | New cases reported. |
|-----------------------------------|---------------------|---|---------------------|
| Louisiana (Dec. 1-31): | | Virginia (Nov. 1-30): Continued. | |
| Acadia Parish | 10 | Gloucester County | 2 |
| Concordia Parish | 8 | Greensville County | 5 |
| De Soto Parish | 1 | Emporia | 6 |
| Iberia Parish | 2 | North Emporia | 8 |
| Jackson Parish | 2 | Halifax County | 6 |
| Madison Parish | 1 | South Boston | 2 |
| Ouachita Parish | 1 | Hanover County | 23 |
| St. Martin Parish | 4 | Henrico County | 9 |
| St. Mary Parish | 1 | Henry County— | ..... |
| St. Tammany Parish | 45 | Martinsville | ..... |
| Tensas Parish | 19 | Isle of Wight County | 22 |
| Vermillion Parish | 3 | James City County— | ..... |
| West Feliciana Parish | 1 | Williamsburg | 3 |
| Total | 98 | King and Queen County | 4 |
| Maryland (Dec. 1-31): | | Lancaster County | 8 |
| Anne Arundel County— | ..... | Lee County | 2 |
| Camp Meade | 1 | Lunenburg County | 2 |
| Massachusetts (Dec. 1-31): | | Victoria | 6 |
| Essex County— | ..... | Mathews County | 1 |
| Marblehead (town) | 1 | Mecklenburg County | 1 |
| Suffolk County— | ..... | Middlesex County | 6 |
| Boston | 1 | Nansemond County | 8 |
| Total | 2 | Suffolk | 13 |
| Virginia (Nov. 1-30): | | Nelson County | 1 |
| Accomac County | 4 | New Kent County | 5 |
| Chincoteague | 8 | Norfolk County | 1 |
| Greenbackville | 4 | Northampton County | 29 |
| Albemarle County | 2 | Northumberland County | 7 |
| Alleghany County— | ..... | Nottoway County | 2 |
| Clifton Forge | 1 | Crewe | 1 |
| Amelia County | 1 | Pittsylvania County | 7 |
| Amherst County | 1 | Powhatan County | 8 |
| Appomattox County | 1 | Princess Anne County | 24 |
| Augusta County— | ..... | Prince Edward County | 1 |
| Staunton | 1 | Farmville | 2 |
| Bedford County | 1 | Prince George County | 11 |
| Brunswick County | 11 | City Point | 1 |
| Buckingham County | 2 | Richmond County | 2 |
| Campbell County | 3 | Rockbridge County | 1 |
| Caroline County | 5 | Rockingham County— | ..... |
| Dinwiddie County | 7 | Dayton | 1 |
| Elizabeth City County— | ..... | Smyth County | 1 |
| Phoebe | 1 | Southampton County | 5 |
| Essex County | 3 | Stafford County | 4 |
| Franklin County | 1 | Surrey County | 4 |
| | | Sussex County | 15 |
| | | Warwick County | 1 |
| | | Total | 332 |

MALARIA—Continued.**City Reports for Week Ended Jan. 5, 1918.**

During the week ended January 5, 1918, three cases of malaria were reported at Birmingham, Ala., one case at North Little Rock, Ark., one case at Rocky Mount, N. C., and one case at San Francisco, Cal.

MEASLES.

See Diphtheria, measles, scarlet fever, and tuberculosis, page 117.

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

| Place. | New cases reported. | Place. | New cases reported. |
|----------------------------|---------------------|----------------------------|---------------------|
| Louisiana (Dec. 1-31): | | Virginia (Nov. 1-30): | |
| Beauregard Parish..... | 1 | Augusta..... | 1 |
| Concordia Parish..... | 1 | Charles City..... | 5 |
| Orleans Parish..... | 4 | Chesterfield County— | |
| St. Tammany Parish..... | 1 | Winterpock..... | 1 |
| Total..... | 7 | Henrico County— | |
| Massachusetts (Dec. 1-31): | | Richmond..... | 1 |
| Bristol County— | | King and Queen County..... | 1 |
| Fall River..... | 1 | Pittsylvania County— | |
| Essex County— | | Danville..... | 1 |
| Middleton (town)..... | 1 | Princess Anne County..... | 6 |
| Middlesex County— | | Prince George County..... | 2 |
| Malden..... | 1 | Stafford County..... | 1 |
| Total..... | 3 | Washington County..... | 2 |
| | | Total..... | 21 |

City Reports for Week Ended Jan. 5, 1918.

| Place. | Cases. | Deaths. | Place. | Cases. | Deaths. |
|-----------------------|--------|---------|-----------------------|--------|---------|
| Atlanta, Ga..... | | 1 | Macon, Ga..... | | 3 |
| Birmingham, Ala..... | 2 | 2 | Memphis, Tenn..... | 1 | 1 |
| Charleston, S. C..... | | 3 | New Orleans, La..... | 1 | 2 |
| Chicago, Ill..... | 1 | 1 | San Antonio, Tex..... | | 6 |
| Galveston, Tex..... | | 1 | San Diego, Cal..... | 1 | 1 |

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

| Place. | New cases reported. | Place. | New cases reported. |
|----------------------------|---------------------|----------------------------|---------------------|
| Louisiana (Dec. 1-31): | | Virginia (Nov. 1-30): | |
| Iberville Parish..... | 1 | Acc mac County— | |
| West Feliciana Parish..... | 1 | Chincoteague..... | 4 |
| Total..... | 2 | Henric County— | |
| Massachusetts (Dec. 1-31): | | Richmond..... | 1 |
| Bristol County— | | Louisa County..... | 1 |
| Fall River..... | 1 | Rockbridge County..... | 1 |
| Hampden County— | | Rockingham County..... | 1 |
| Springfield..... | 1 | Total..... | 8 |
| Plymouth County— | | West Virginia (Dec. 1-31): | |
| Brockton..... | 2 | Berkeley County..... | 1 |
| Total..... | 4 | Hancock County..... | 2 |
| Pennsylvania (Dec. 1-31): | | Kanawha County..... | 2 |
| Allegheny County..... | 2 | Roane County..... | 1 |
| Blair County..... | 1 | Total..... | 6 |
| Butler County..... | 1 | | |
| Lancaster County..... | 2 | | |
| Philadelphia County..... | 3 | | |
| Total..... | 9 | | |

POLIOMYELITIS (INFANTILE PARALYSIS)—Continued.**City Reports for Week Ended Jan. 5, 1918.**

During the week ended January 5, 1918, two cases of poliomyelitis were reported at Chicago, Ill., one case at Cincinnati, Ohio, and one case at Taunton, Mass. One death from this disease was reported at Little Rock, Ark.

PNEUMONIA.**City Reports for Week Ended Jan. 5, 1918.**

| Place. | Cases. | Deaths. | Place. | Cases. | Deaths. |
|---------------------|--------|---------|-------------------------|--------|---------|
| Alameda, Cal. | 1 | 1 | Lowell, Mass. | 2 | 2 |
| Auburn, N. Y. | 1 | 1 | Lynn, Mass. | 2 | 2 |
| Baltimore, Md. | 26 | 23 | Macon, Ga. | 3 | 1 |
| Bethlehem, Pa. | 1 | — | Manchester, N. H. | 2 | 2 |
| Boston, Mass. | 56 | 61 | Medford, Mass. | 1 | 3 |
| Braddock, Pa. | 1 | — | Melrose, Mass. | 1 | — |
| Brockton, Mass. | 3 | — | Montgomery, Ala. | 1 | 1 |
| Cambridge, Mass. | 3 | 5 | Nashville, Tenn. | 1 | 9 |
| Canton, Ohio. | 2 | 1 | Newark, N. J. | 46 | 14 |
| Chattanooga, Tenn. | 4 | 4 | New Bedford, Mass. | 7 | 2 |
| Chelsea, Mass. | 1 | 1 | Newport, Ky. | 1 | 1 |
| Chicago, Ill. | 169 | 89 | Newton, Mass. | 3 | 2 |
| Cleveland, Ohio. | 45 | 55 | North Little Rock, Ark. | 1 | 2 |
| Clinton, Mass. | 1 | — | Pawtucket, R. I. | 4 | 4 |
| Dayton, Ohio. | 4 | 10 | Petersburg, Va. | 1 | — |
| Detroit, Mich. | 8 | 41 | Philadelphia, Pa. | 125 | 75 |
| Duluth, Minn. | 1 | — | Pittsburgh, Pa. | 46 | 73 |
| Fall River, Mass. | 5 | 3 | Rochester, N. Y. | 11 | 4 |
| Fitchburg, Mass. | 1 | — | St. Joseph, Mo. | 2 | 3 |
| Grand Rapids, Mich. | 5 | 1 | San Diego, Cal. | 1 | 3 |
| Hagerstown, Md. | 2 | — | Sandusky, Ohio. | 1 | — |
| Hattiesburg, Miss. | 2 | — | San Francisco, Cal. | 19 | 13 |
| Haverhill, Mass. | 1 | — | Savannah, Ga. | — | 2 |
| Jackson, Mich. | 2 | 2 | Schenectady, N. Y. | 2 | 2 |
| Kalamazoo, Mich. | 4 | 3 | Somerville, Mass. | 4 | 2 |
| Kansas City, Kans. | 1 | — | Springfield, Mass. | 4 | 4 |
| Kansas City, Mo. | 9 | 19 | Taunton, Mass. | 3 | 1 |
| Lancaster, Pa. | 1 | — | Toledo, Ohio. | 3 | 3 |
| Lawrence, Mass. | 5 | 1 | Waco, Tex. | 1 | — |
| Leavenworth, Kans. | 4 | — | Waltham, Mass. | 2 | 1 |
| Lexington, Ky. | 5 | 3 | Wichita, Kans. | 7 | — |
| Lincoln, Nebr. | 8 | 2 | Wilksburg, Pa. | 3 | 3 |
| Little Rock, Ark. | 1 | 2 | Worcester, Mass. | 10 | 2 |
| Los Angeles, Cal. | 19 | 10 | | | |

SCARLET FEVER.

See Diphtheria, measles, scarlet fever, and tuberculosis, page 117.

SMALLPOX.**Texas—El Paso.**

During the week ended January 21, 1918, 9 new cases of smallpox, with 2 deaths, occurred at El Paso, Tex., making a total of 44 cases, with 7 deaths, reported since December 12, 1917.

SMALLPOX—Continued.
State Reports for December, 1917.

| Place | New cases reported. | Deaths. | Vaccination history of cases. | | | |
|---------------------------|---------------------|---------|--|--|---------------------------------------|--|
| | | | Number vaccinated within 7 years preceding attack. | Number last vaccinated more than 7 years preceding attack. | Number never successfully vaccinated. | Vaccination history not obtained or uncertain. |
| District of Columbia..... | 5 | | | | 5 | |
| Maryland: | | | | | | |
| Baltimore City..... | 10 | | | | 10 | |
| Allegany County— | | | | | | |
| Lonaconing..... | 1 | | | | 1 | |
| Cumberland..... | 15 | | | | 15 | |
| Westernport..... | 4 | | | | 4 | |
| Garrett County— | | | | | | |
| Avilton..... | 9 | | | | 9 | |
| Avilton, R. D..... | 4 | | | | 4 | |
| Frostburg, R. D..... | 1 | | | | 1 | |
| Lonaconing, R. D..... | 1 | | | | 1 | |
| Grantsville..... | 7 | | | | 7 | |
| Total..... | 52 | | | | 52 | |
| Massachusetts: | | | | | | |
| Essex County— | | | | | | |
| Beverly..... | 2 | | | | 2 | |
| Hampden County— | | | | | | |
| Springfield..... | 1 | | | | 1 | |
| Middlesex County— | | | | | | |
| Lowell..... | 1 | | | 1 | | |
| Malden..... | 1 | | | | 1 | |
| Norfolk County— | | | | | | |
| Brookline (town)..... | 1 | | | | 1 | |
| Suffolk County— | | | | | | |
| Boston..... | 3 | | | 2 | 1 | |
| Worcester County— | | | | | | |
| Worcester..... | 1 | | | 1 | | |
| Total..... | 10 | | | 4 | 6 | |

Miscellaneous State Reports.

| Place. | Cases. | Place. | Cases. |
|----------------------------------|--------|-----------------------------------|--------|
| Louisiana (Dec. 1-31): | | Virginia (Nov. 1-30): | |
| Caddo Parish..... | 6 | Franklin..... | 5 |
| Calcasieu Parish..... | 1 | Louisia..... | 1 |
| East Baton Rouge Parish..... | 2 | Roanoke County— | |
| Iberia Parish..... | 22 | Roanoke..... | 1 |
| Jackson Parish..... | 2 | Scott County..... | 1 |
| Jefferson Parish..... | 3 | Total..... | 8 |
| Jefferson Davis Parish..... | 19 | | |
| Natchitoches Parish..... | 5 | West Virginia (Dec. 1-31): | |
| Orleans Parish..... | 12 | Fayette County..... | 5 |
| Rapides Parish..... | 1 | Harrison County..... | 3 |
| St. Tammany Parish..... | 24 | Shinston..... | 12 |
| Total..... | 97 | Kanawha County..... | 32 |
| Pennsylvania (Dec. 1-31): | | Charleston..... | 14 |
| Allegheny County..... | 14 | Logan County..... | 11 |
| Armstrong County..... | 1 | Mason County..... | 1 |
| Butler County..... | 1 | Mingo County..... | 6 |
| Cambria County..... | 2 | Ohio County— | |
| Centre County..... | 6 | Wheeling..... | 3 |
| Clearfield County..... | 14 | Roane County..... | 2 |
| Dauphin County..... | 4 | Wayne County..... | 1 |
| Erie County..... | 5 | Wood County..... | 3 |
| Indiana County..... | 3 | Parkersburg..... | 3 |
| Lehigh County..... | 1 | Total..... | 96 |
| McKean County..... | 1 | | |
| Mercer County..... | 3 | | |
| Somerset County..... | 15 | | |
| Total..... | 70 | | |

SMALLPOX—Continued.

City Reports for Week Ended Jan. 5, 1918.

| Place. | Cases. | Deaths. | Place. | Cases. | Deaths. |
|-------------------------|--------|---------|-----------------------------|--------|---------|
| Akron, Ohio..... | 36 | ..... | Los Angeles, Cal..... | 2 | ..... |
| Alton, Ill..... | 9 | ..... | Lowell, Mass..... | 1 | ..... |
| Anniston, Ala..... | 10 | ..... | Memphis, Tenn..... | 5 | ..... |
| Birmingham, Ala..... | 1 | ..... | Milwaukee, Wis..... | 5 | ..... |
| Buffalo, N. Y..... | 4 | ..... | Minneapolis, Minn..... | 26 | ..... |
| Butte, Mont..... | 8 | ..... | Montgomery, Ala..... | 5 | ..... |
| Canton, Ohio..... | 10 | ..... | Nashville, Tenn..... | 2 | ..... |
| Chicago, Ill..... | 13 | ..... | New Orleans, La..... | 7 | ..... |
| Cincinnati, Ohio..... | 6 | ..... | New York, N. Y..... | 1 | ..... |
| Cleveland, Ohio..... | 22 | ..... | North Little Rock, Ark..... | 6 | ..... |
| Columbia, S. C..... | 2 | ..... | Oklahoma City, Okla..... | 10 | ..... |
| Columbus, Ohio..... | 11 | ..... | Omaha, Nebr..... | 28 | ..... |
| Dayton, Ohio..... | 6 | ..... | Pittsburgh, Pa..... | 3 | ..... |
| Denver, Colo..... | 11 | ..... | Pontiac, Mich..... | 1 | ..... |
| Detroit, Mich..... | 77 | ..... | Quincy, Ill..... | 3 | ..... |
| Dubuque, Iowa..... | 1 | ..... | Roanoke, Va..... | 2 | ..... |
| Eric, Pa..... | 2 | ..... | Saginaw, Mich..... | 1 | ..... |
| Fort Wayne, Ind..... | 14 | ..... | St. Joseph, Mo..... | 13 | ..... |
| Galesburg, Ill..... | 1 | ..... | St. Louis, Mo..... | 18 | ..... |
| Grand Rapids, Mich..... | 19 | ..... | Salt Lake City, Utah..... | 9 | ..... |
| Hattiesburg, Miss..... | 2 | ..... | San Antonio, Tex..... | 1 | 1 |
| Indianapolis, Ind..... | 45 | ..... | Sandusky, Ohio..... | 1 | ..... |
| Jackson, Mich..... | 1 | ..... | Seattle, Wash..... | 5 | ..... |
| Kansas City, Kans..... | 48 | ..... | Sioux City, Iowa..... | 4 | ..... |
| Kansas City, Mo..... | 104 | ..... | Springfield, Ohio..... | 1 | ..... |
| La Crosse, Wis..... | 9 | ..... | Toledo, Ohio..... | 10 | ..... |
| Lima, Ohio..... | 1 | ..... | Wichita, Kans..... | 1 | ..... |
| Lincoln, Nebr..... | 3 | ..... | Wheeling, W. Va..... | 1 | ..... |
| Little Rock, Ark..... | 20 | ..... |  |  |  |

TETANUS.

City Report for Week Ended Jan. 5, 1918.

During the week ended January 5, 1918, one death from tetanus was reported at St. Louis, Mo.

TUBERCULOSIS.

See Diphtheria, measles, scarlet fever, and tuberculosis, page 117.

TYPHOID FEVER.

State Reports for November and December, 1917.

| Place. | New cases reported. | Place. | New cases reported. |
|-----------------------------------|---------------------|----------------------------|---------------------|
| District of Columbia (Dec. 1-31): | | Louisiana—Continued. | |
| District of Columbia..... | 13 | St. Landry Parish..... | 4 |
| Louisiana (Dec. 1-31): | | Tangipahoa Parish..... | 1 |
| Acadia Parish..... | 2 | Terrebonne Parish..... | 1 |
| Allen Parish..... | 2 | Union Parish..... | 1 |
| Ayoeltes Parish..... | 1 | Vermilion Parish..... | 1 |
| Caddo Parish..... | 1 | West Feliciana Parish..... | 1 |
| Calcasieu Parish..... | 9 | Total..... | 66 |
| Concordia Parish..... | 2 | | |
| De Soto Parish..... | 3 | Maryland (Dec. 1-31): | |
| Evangeline Parish..... | 1 | Baltimore City..... | 17 |
| Iberia Parish..... | 5 | Allegany County— | |
| Iberville Parish..... | 2 | Cumberland..... | 3 |
| Jefferson Davis Parish..... | 1 | Allegany Hospital..... | 1 |
| Orleans Parish..... | 21 | Anne Arundel County— | |
| Plaquemines Parish..... | 1 | Davidsonville..... | 2 |
| Rapides Parish..... | 2 | Baltimore County— | |
| St. Charles Parish..... | 1 | St. Agnes Hospital..... | 1 |
| St. James Parish..... | 2 | Roslyn..... | 1 |
| St. John Parish..... | 1 | Fort Howard..... | 1 |

TYPHOID FEVER—Continued.

State Reports for November and December, 1917—Continued.

| Place. | New cases reported. | Place. | New cases reported. |
|-----------------------------------|---------------------|----------------------------------|---------------------|
| Maryland—Continued. | | Massachusetts—Continued. | |
| Caroline County— | | Middlesex County—Continued. | |
| Denton..... | 2 | Waltham..... | 1 |
| Cecil County— | | Watertown (town)..... | 1 |
| Chesapeake City (R. D.)..... | 1 | Winchester (town)..... | 1 |
| Rising Sun (R. D.)..... | 1 | Norfolk County— | |
| Elkton..... | 1 | Quincy..... | 1 |
| Charles County— | | Weymouth (town)..... | 1 |
| McChonle (R. D.)..... | 2 | Suffolk County— | |
| Dorchester County— | | Boston..... | 8 |
| Reids Grove..... | 2 | Worcester County— | |
| East New Market..... | 1 | Athol (town)..... | 1 |
| Wingate..... | 1 | North Brookfield (town)..... | 13 |
| Cambridge..... | 2 | Worcester..... | 10 |
| Thompsontown..... | 1 | Total..... | 99 |
| Eastern Shore State Hospital..... | 2 | | |
| Frederick County— | | Pennsylvania (Dec. 1-31): | |
| Frederick..... | 2 | Adams County..... | 6 |
| Howard County— | | Allegheny County..... | 17 |
| Ellicott City..... | 1 | Armstrong County..... | 7 |
| Kent County— | | Beaver County..... | 7 |
| East Neck Island..... | 1 | Bedford County..... | 2 |
| Montgomery County— | | Berks County..... | 4 |
| Forest Glen..... | 1 | Blair County..... | 5 |
| Barnesville..... | 1 | Bradford County..... | 3 |
| Clarksburg..... | 1 | Bucks County..... | 3 |
| Prince Georges County— | | Butler County..... | 3 |
| Benning (R. D.)..... | 1 | Cambria County..... | 1 |
| Oxen Hill..... | 1 | Chester County..... | 10 |
| Sharpersville (R. D.)..... | 1 | Clarion County..... | 1 |
| Queen Annes County— | | Clearfield County..... | 1 |
| Queen Anne (R. D.)..... | 1 | Columbia County..... | 6 |
| Somerset County— | | Crawford County..... | 1 |
| Crisfield..... | 1 | Cumberland County..... | 5 |
| Westover (R. D.)..... | 1 | Dauphin County..... | 3 |
| Talbot County— | | Delaware County..... | 6 |
| St. Michaels..... | 1 | Erie County..... | 4 |
| Washington County— | | Fayette County..... | 1 |
| Hagerstown..... | 10 | Franklin County..... | 1 |
| Williamsport (R. D.)..... | 1 | Greene County..... | 1 |
| Smithsburg..... | 3 | Jefferson County..... | 3 |
| Boonsboro..... | 1 | Juniata County..... | 1 |
| Wicomico County— | | Lancaster County..... | 5 |
| Salisbury..... | 1 | Lawrence County..... | 3 |
| Peninsula General Hospital..... | 1 | Lebanon County..... | 4 |
| Worcester County— | | Lehigh County..... | 7 |
| Girdletree..... | 1 | Luzerne County..... | 4 |
| Total..... | 74 | Lycoming County..... | 2 |
| | | Mercer County..... | 4 |
| Massachusetts (Dec. 1-31): | | Mifflin County..... | 3 |
| Barnstable County— | | Montgomery County..... | 4 |
| Orleans (town)..... | 1 | Montour County..... | 1 |
| Berkshire County— | | Northampton County..... | 3 |
| Adams (town)..... | 3 | Northumberland County..... | 3 |
| Lee (town)..... | 1 | Perry County..... | 1 |
| North Adams..... | 1 | Philadelphia County..... | 14 |
| Bristol County— | | Potter County..... | 2 |
| Fall River..... | 25 | Schuylkill County..... | 1 |
| New Bedford..... | 7 | Somerset County..... | 3 |
| Swansea (town)..... | 1 | Tioga County..... | 2 |
| Essex County— | | Venango County..... | 1 |
| Gloucester..... | 1 | Washington County..... | 3 |
| Haverhill..... | 1 | Wayne County..... | 1 |
| Lawrence..... | 4 | Westmoreland County..... | 5 |
| Lynn..... | 2 | York County..... | 6 |
| Peabody (town)..... | 1 | Total..... | 184 |
| Franklin County— | | | |
| Orange (town)..... | 1 | Virginia (Nov. 1-30): | |
| Montague (town)..... | 1 | Accomac County..... | 6 |
| Warwick (town)..... | 2 | Tangier..... | 1 |
| Hampden County— | | Albemarle County..... | 1 |
| Springfield..... | 5 | Alexandria County..... | 1 |
| Middlesex County— | | Alleghany County..... | 2 |
| Everett..... | 1 | Covington..... | 2 |
| Newton..... | 1 | Amelia County..... | 4 |
| Somerville..... | 3 | | |

TYPHOID FEVER—Continued.

State Reports for November and December, 1917—Continued.

| Place. | Total cases reported. | Place. | Total cases reported. |
|----------------------------|-----------------------|----------------------------|-----------------------|
| Virginia—Continued. | | Virginia—Continued. | |
| Appomattox County..... | 1 | Prince Edward County..... | 5 |
| Augusta County..... | 5 | Prince George County..... | 3 |
| Bath County..... | 1 | Pulaski County..... | 1 |
| Bedford County..... | 1 | Pulaski..... | 1 |
| Bland County..... | 1 | Roanoke County..... | 1 |
| Bellamy County..... | 2 | Rockbridge County..... | 1 |
| Buchanan County..... | 9 | Rockingham County..... | 1 |
| Buckingham County..... | 3 | Elkton..... | 4 |
| Campbell County— | | Harrisburg..... | 1 |
| Lynchburg..... | 1 | Russell County..... | 7 |
| Caroline County..... | 3 | Shenandoah County..... | 4 |
| Carroll County..... | 3 | Woodstock..... | 1 |
| Culpeper County..... | 2 | Smyth County..... | 3 |
| Culpeper..... | 1 | Southampton County..... | 2 |
| Dickinson County..... | 3 | Stafford County..... | 1 |
| Clintwood..... | 1 | Surry County— | |
| Dinwiddie County— | | Dendron..... | 1 |
| Petersburg..... | 5 | Sussex County..... | 2 |
| Essex County..... | 1 | Wakefield..... | 1 |
| Fairfax County..... | 5 | Tazewell County..... | 11 |
| Fauquier County— | | Graham..... | 9 |
| Warrenton..... | 1 | Pocahontas..... | 3 |
| Floyd County..... | 5 | Washington County..... | 4 |
| Franklin County..... | 1 | Abingdon..... | 2 |
| Grays County..... | 3 | Damascus..... | 6 |
| Greene County..... | 2 | Westmoreland County..... | 1 |
| Hanover County..... | 1 | Wise County..... | 3 |
| Henrico County..... | 7 | Wise..... | 1 |
| Richmond..... | 13 | Wythe County— | |
| Henry County..... | 1 | Rural Retreat..... | 1 |
| Isle of Wight County..... | 1 | | |
| King and Queen County..... | 1 | Total..... | 227 |
| Lancaster County..... | 1 | | |
| Lee County..... | 10 | West Virginia (Dec. 1-31): | |
| Loudoun County..... | 2 | Berkeley County..... | 1 |
| Louisiana County..... | 1 | Fayette County..... | 3 |
| Mathews County..... | 2 | Braxton County..... | 2 |
| Mecklenburg County..... | 2 | Greenbrier County..... | 1 |
| Middlesex County..... | 2 | Hancock County..... | 1 |
| Urbanna..... | 1 | Jacksn County..... | 2 |
| Montgomery County..... | 8 | Kanawha County..... | 5 |
| Nelson County..... | 3 | McDowell County..... | 1 |
| Norfolk County..... | 2 | Marshall County..... | 1 |
| Portsmouth..... | 1 | Mingo County..... | 2 |
| Northampton County— | | Monroe County..... | 2 |
| Cape Charles..... | 1 | Ohio County..... | |
| Northumberland County..... | 3 | Wheeling..... | 19 |
| Northway County— | | Summers County..... | 1 |
| Blackstone..... | 1 | Tucker County..... | 4 |
| Patrick County..... | 2 | Total..... | 45 |
| Pittsylvania County..... | 2 | | |
| Princess Anne County..... | 1 | | |

City Reports for Week Ended Jan. 5, 1918.

| Place. | Cases. | Deaths. | Place. | Cases. | Deaths. |
|------------------------|--------|---------|-------------------------|--------|---------|
| Akron, Ohio..... | 1 | | Danville, Ill..... | 1 | |
| Albany, N. Y..... | 4 | | Davenport, Iowa..... | 2 | |
| Aurora, Ga..... | 1 | | Dayton, Ohio..... | 1 | |
| Austin, Tex..... | | | Detroit, Mich..... | 9 | |
| Baltimore, Md..... | 3 | 2 | Fall River, Mass..... | 1 | |
| Beaver Falls, Pa..... | 1 | | Fort Wayne, Ind..... | 1 | 1 |
| Birmingham, Ala..... | 1 | | Fort Worth, Tex..... | 1 | 1 |
| Boston, Mass..... | 1 | 1 | Grand Rapids, Mich..... | 1 | |
| Buffalo, N. Y..... | 1 | | Haverhill, Mass..... | 1 | |
| Camden, N. J..... | 1 | | Indianapolis, Ind..... | 1 | |
| Charleston, S. C..... | 2 | | Kalamazoo, Mich..... | 1 | |
| Chattanooga, Tenn..... | 1 | | Kansas City, Kans..... | 1 | |
| Chicago, Ill..... | 4 | | Kansas City, Mo..... | 1 | |
| Cleveland, Ohio..... | 1 | | Lawrence, Mass..... | | 1 |
| Columbia, S. C..... | 1 | | Lincoln, Nebr..... | | 1 |

TYPHOID FEVER—Continued.**City Reports for Week Ended Jan. 5, 1918—Continued.**

| Place. | Cases. | Deaths. | Place. | Cases. | Deaths. |
|-------------------------|--------|---------|----------------------|--------|---------|
| Lowell, Mass. | 1 | | Roanoke, Va. | 1 | |
| Memphis, Tenn. | | 1 | Rochester, N. Y. | 1 | |
| Milwaukee, Wis. | 4 | | Saginaw, Mich. | 1 | |
| Mobile, Ala. | 1 | | St. Louis, Mo. | 2 | |
| Morristown, N. J. | 1 | | Salt Lake City, Utah | 1 | 1 |
| Newark, N. J. | 7 | | San Antonio, Tex. | 1 | 1 |
| New Bedford, Mass. | 2 | | San Francisco, Cal. | 4 | |
| New Orleans, La. | 5 | 2 | Savannah, Ga. | 1 | |
| Newport News, Va. | 1 | | Schenectady, N. Y. | | 1 |
| New York, N. Y. | 7 | 3 | Seattle, Wash. | 3 | 1 |
| North Little Rock, Ark. | 1 | | Springfield, Mass. | 1 | |
| Omaha, Nebr. | 1 | | Springfield, Ohio | 1 | |
| Petersburg, Va. | 1 | | Troy, N. Y. | 2 | |
| Philadelphia, Pa. | 3 | 1 | Waco, Tex. | 3 | |
| Pittsfield, Mass. | 1 | | Washington, D. C. | 1 | 1 |
| Portsmouth, N. H. | 1 | | Wheeling, W. Va. | | 1 |
| Racine, Wis. | | 1 | Winston-Salem, N. C. | 1 | |
| Richmond, Va. | 1 | | Zanesville, Ohio. | 1 | |

TYPHUS FEVER.**City Reports for Week Ended Jan. 5, 1918.**

During the week ended January 5, 1918, two deaths from typhus fever were reported at Baltimore, Md., and one case at San Antonio, Tex.

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS.**State Reports for November and December, 1917.**

| State. | Cases reported. | | | State. | Cases reported. | | |
|----------------------------------|-----------------|----------|----------------|---------------------------|-----------------|----------|----------------|
| | Diphtheria. | Measles. | Scarlet fever. | | Diphtheria. | Measles. | Scarlet fever. |
| District of Columbia (December). | 88 | 268 | 121 | Pennsylvania (December). | 1,551 | 1,620 | 999 |
| Louisiana (December)... | 72 | 626 | 21 | Virginia (November)..... | 380 | 646 | 126 |
| Maryland (December)... | 191 | 463 | 143 | West Virginia (December). | 73 | 21 | 59 |
| Massachusetts (December). | 1,156 | 1,920 | 671 | | | | |

City Reports for Week Ended Jan. 5, 1918.

| City. | Popula- tion as of July 1, 1916 (estimated by U. S. Census Bureau). | Total deaths from all causes. | Diphtheria. | | Measles. | | Scarlet fever. | | Tuber- culosis. | |
|---------------------------|---|---|-------------|---------|----------|---------|-------------------|---------|--------------------|---------|
| | | | Cases. | Deaths. | Cases. | Deaths. | Cases. | Deaths. | Cases. | Deaths. |
| Over 500,000 inhabitants: | | | | | | | | | | |
| Baltimore, Md..... | 589,621 | 244 | 13 | 1 | 45 | 2 | 13 | 1 | 26 | 28 |
| Boston, Mass..... | 756,476 | 298 | 104 | 15 | 117 | 4 | 23 | 1 | 39 | 21 |
| Chicago, Ill..... | 2,497,722 | 706 | 201 | 23 | 38 | 2 | 75 | 2 | 390 | 82 |
| Cleveland, Ohio..... | 674,073 | 240 | 18 | 1 | 13 | | 4 | 1 | 28 | 29 |
| Detroit, Mich..... | 571,784 | 230 | 72 | 4 | 10 | 5 | 44 | 4 | 18 | 16 |
| Los Angeles, Cal..... | 503,812 | 128 | 14 | 1 | 23 | | 10 | | 41 | 19 |
| New York, N. Y..... | 5,602,841 | 1,681 | 163 | 29 | 705 | 14 | 95 | 2 | 170 | 165 |
| Philadelphia, Pa..... | 1,709,518 | 671 | 55 | 16 | 35 | | 37 | 2 | 81 | 70 |
| Pittsburgh, Pa..... | 579,080 | 251 | 12 | 3 | 123 | | 9 | | 18 | 12 |
| St. Louis, Mo..... | 757,309 | 229 | 96 | 1 | 46 | | 30 | | 42 | 17 |

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

City Reports for Week Ended Jan. 5, 1918—Continued.

| City. | Popula- tion as of July 1, 1916 (estimated by U. S. Census Bureau). | Total deaths from all causes. | Diphtheria. | | Measles. | | Scarlet fever. | | Tuber- culosis. | |
|---|---|---|-------------|---------|----------|---------|-------------------|---------|--------------------|---------|
| | | | Cases. | Deaths. | Cases. | Deaths. | Cases. | Deaths. | Cases. | Deaths. |
| From 300,000 to 500,000 inhabit- ants: | | | | | | | | | | |
| Buffalo, N. Y. | 468,558 | 142 | 20 | 8 | 14 | | 11 | | 20 | 13 |
| Cincinnati, Ohio | 410,476 | 154 | 19 | 1 | 2 | | 11 | | 24 | 22 |
| Jersey City, N. J. | 306,345 | | 14 | | 16 | | 4 | | 23 | |
| Milwaukee, Wis. | 436,535 | 96 | 10 | | 57 | | 37 | 1 | 22 | 9 |
| Minneapolis, Minn. | 363,454 | | 21 | | 19 | | 11 | | | |
| Newark, N. J. | 408,894 | 143 | 12 | 8 | 132 | 3 | 14 | | 20 | 19 |
| New Orleans, La. | 371,747 | 174 | 18 | | 33 | | 4 | | 26 | 29 |
| San Francisco, Cal. | 463,516 | 130 | 18 | | 26 | | 19 | 1 | 24 | 9 |
| Seattle, Wash. | 348,039 | 54 | 7 | | 71 | | 7 | | | 7 |
| Washington, D. C. | 363,980 | 151 | 14 | 2 | 70 | 2 | 26 | 1 | 15 | 17 |
| From 200,000 to 300,000 inhabit- ants: | | | | | | | | | | |
| Columbus, Ohio | 214,878 | 84 | 2 | | 5 | | 29 | | 7 | 5 |
| Denver, Colo. | 260,800 | 68 | 6 | 1 | 25 | | 17 | | | 11 |
| Indianapolis, Ind. | 271,708 | | 33 | | 21 | | 30 | | 3 | |
| Kansas City, Mo. | 297,847 | 115 | 6 | 2 | 53 | | 16 | | 3 | 12 |
| Portland, Oreg. | 255,463 | 39 | | | 11 | | 5 | | 2 | 1 |
| Providence, R. I. | 254,960 | 79 | 17 | 1 | 9 | | 5 | 1 | 1 | 7 |
| Rochester, N. Y. | 256,417 | 50 | 14 | 1 | 16 | | 12 | | 6 | 3 |
| From 100,000 to 200,000 inhabit- ants: | | | | | | | | | | |
| Albany, N. Y. | 104,199 | | 1 | | 6 | | 2 | | 12 | |
| Atlanta, Ga. | 190,558 | | 9 | 2 | 17 | | 3 | | | 7 |
| Birmingham, Ala. | 181,762 | 79 | 2 | | 144 | 2 | 2 | | 7 | 8 |
| Bridgeport, Conn. | 121,579 | 32 | 10 | | 2 | | 2 | | 1 | 3 |
| Cambridge, Mass. | 112,931 | 34 | 6 | | 26 | 1 | 1 | | 3 | |
| Camden, N. J. | 106,233 | 7 | 7 | | 58 | | 2 | | 2 | |
| Dayton, Ohio | 127,224 | 54 | 7 | | 2 | | 4 | 1 | | 1 |
| Fall River, Mass. | 128,366 | | 6 | 1 | | | 1 | | 9 | 3 |
| Fort Worth, Tex. | 104,562 | 37 | 5 | | 6 | | 1 | | | 1 |
| Grand Rapids, Mich. | 128,291 | 40 | 3 | | 8 | | 4 | | 6 | 1 |
| Hartford, Conn. | 110,900 | 63 | 4 | 1 | 6 | | 6 | | 2 | 4 |
| Houston, Tex. | 112,307 | 43 | 2 | 1 | 27 | | | | 6 | 6 |
| Lawrence, Mass. | 100,560 | 30 | 4 | | 1 | | | | 4 | 2 |
| Lowell, Mass. | 113,245 | 44 | | | 1 | | | | 4 | 4 |
| Lynn, Mass. | 162,425 | 22 | 1 | | 4 | | 3 | | 3 | 1 |
| Memphis, Tenn. | 148,995 | 55 | 5 | 1 | | | 2 | | 7 | 6 |
| Nashville, Tenn. | 117,057 | 44 | 8 | | | | 6 | | 3 | 3 |
| New Bedford, Mass. | 118,158 | 46 | 4 | | 22 | | 4 | | 5 | 5 |
| New Haven, Conn. | 149,685 | | 2 | | 4 | | 2 | | 4 | 6 |
| Oakland, Cal. | 198,004 | 49 | 1 | | 1 | | 6 | | 6 | 3 |
| Omaha, Nebr. | 165,470 | 41 | 3 | | 28 | | 6 | | | 7 |
| Reading, Pa. | 109,381 | 42 | 8 | | 1 | | | | 1 | 2 |
| Richmond, Va. | 156,687 | 75 | 15 | 2 | 9 | | 6 | | 4 | 6 |
| Salt Lake City, Utah | 117,399 | 35 | | | 43 | | 13 | 1 | | 1 |
| San Antonio, Tex. | 123,831 | | 1 | | 7 | | 3 | | | 16 |
| Springfield, Mass. | 105,942 | 34 | 15 | | 12 | | 3 | | 3 | 2 |
| Syracuse, N. Y. | 155,124 | | 15 | 2 | 39 | | 13 | | 2 | 2 |
| Tacoma, Wash. | 112,110 | | 1 | | | | 4 | | | |
| Toledo, Ohio | 191,554 | 55 | 3 | | 10 | | 10 | | 2 | 5 |
| Trenton, N. J. | 111,593 | 41 | 7 | | 4 | | 2 | | 2 | 5 |
| Worcester, Mass. | 168,314 | 64 | 1 | | 15 | | 4 | | 4 | 2 |
| From 50,000 to 100,000 inhabit- ants: | | | | | | | | | | |
| Akron, Ohio | 85,625 | | 5 | | 4 | | 6 | | | |
| Allentown, Pa. | 63,505 | 19 | 6 | | 3 | | 2 | | 2 | |
| Atlantic City, N. J. | 57,660 | | | | 2 | | | | 8 | |
| Augusta, Ga. | 50,245 | 12 | | | 19 | | 1 | | | |
| Bayonne, N. J. | 69,893 | | 2 | | 1 | | | | 1 | |
| Berkeley, Cal. | 57,553 | 15 | 1 | | 2 | | 3 | | | 2 |
| Bridgeport, Conn. | 67,449 | 18 | | | 2 | | 5 | | 3 | 3 |
| Canton, Ohio | 60,852 | 18 | 2 | | | | 9 | | | |
| Charleston, S. C. | 60,731 | 37 | 2 | | 2 | | | | | 2 |
| Chattanooga, Tenn. | 60,675 | 5 | | | 34 | | 1 | | 2 | 1 |
| Covington, Ky. | 57,144 | 19 | 1 | | | | | | 2 | 1 |
| Duluth, Minn. | 94,495 | 13 | 2 | 1 | 15 | | 12 | | 4 | 1 |
| El Paso, Tex. | 63,705 | 29 | | | | | | | | 5 |
| Erie, Pa. | 75,195 | | 7 | | | | 4 | | 2 | 39 |
| Fort Wayne, Ind. | 76,183 | 22 | 9 | | 3 | | | | | 2 |
| Lancaster, Pa. | 72,015 | 33 | 2 | | | | 5 | | 8 | 2 |
| Hoboken, N. J. | 77,214 | 25 | 3 | 1 | 27 | 1 | 1 | | | 5 |

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

City Reports for Week Ended Jan. 5, 1918—Continued.

| City. | Popula- tion as of July 1, 1916 (estimated by U. S. Census Bureau). | Total deaths from all causes. | Diphtheria. | | Measles. | | Scarlet fever. | | Tuber- culosis. | |
|--|---|---|-------------|---------|----------|---------|-------------------|---------|--------------------|---------|
| | | | Cases. | Deaths. | Cases. | Deaths. | Cases. | Deaths. | Cases. | Deaths. |
| From 50,000 to 100,000 inhabit- ants—Continued. | | | | | | | | | | |
| Johnstown, Pa. | 68,529 | 24 | 9 | 1 | 1 | | 6 | | 1 | |
| Kansas City, Kans. | 99,437 | | 1 | | 4 | | 6 | | 1 | |
| Lancaster, Pa. | 50,853 | | 2 | | | | 2 | | 1 | |
| Little Rock, Ark. | 57,343 | 12 | | | 35 | | 2 | | 2 | 1 |
| Malden, Mass. | 51,155 | | 10 | | 10 | | 3 | | 1 | 1 |
| Manchester, N. H. | 78,283 | 25 | 1 | | 7 | | 4 | | 3 | 3 |
| Mobile, Ala. | 58,221 | 24 | 1 | | 4 | | | | 1 | 1 |
| New Britain, Conn. | 53,794 | 9 | 2 | | 1 | | | | 10 | |
| Norfolk, Va. | 89,612 | | | | 10 | | | | | 2 |
| Oklahoma City, Okla. | 92,943 | 16 | 2 | | | | 4 | | | |
| Passaic, N. J. | 71,744 | 17 | 5 | | | | 1 | | | |
| Pawtucket, R. I. | 59,411 | 29 | 3 | 2 | | | 3 | 1 | | |
| Portland, Me. | 63,867 | 24 | 1 | 1 | 100 | | 1 | | | 1 |
| Rockford, Ill. | 55,185 | 22 | | | 2 | | 3 | | | 3 |
| Sacramento, Cal. | 66,895 | 32 | | | 3 | | 4 | | 6 | 2 |
| Saginaw, Mich. | 55,642 | 15 | 1 | | | | 3 | | 2 | 2 |
| St. Joseph, Mo. | 85,236 | 14 | 8 | | 1 | | 4 | | 2 | 1 |
| San Diego, Cal. | 53,330 | 21 | 5 | | 63 | | 3 | | | |
| Savannah, Ga. | 68,805 | 40 | | | 11 | | 1 | | 1 | 5 |
| Schenectady, N. Y. | 99,519 | 28 | 2 | | | | 3 | | | 2 |
| Sioux City, Iowa | 57,078 | | 1 | | | | 10 | | | |
| Somerville, Mass. | 87,039 | 21 | 5 | 1 | 61 | | 5 | | 4 | 2 |
| South Bend, Ind. | 68,946 | 20 | 1 | 1 | | | 1 | | 3 | 1 |
| Springfield, Ill. | 61,120 | 20 | 6 | 2 | 3 | | | | | |
| Springfield, Ohio | 51,550 | 15 | | | 1 | | 1 | | 3 | |
| Terre Haute, Ind. | 66,083 | 25 | | | 2 | | 1 | | 1 | 2 |
| Troy, N. Y. | 77,916 | | | | 1 | | 7 | | 3 | 3 |
| Wichita, Kans. | 70,722 | | | | 27 | | 7 | | | |
| Wilkes-Barre, Pa. | 76,776 | 16 | 5 | | 7 | | 5 | 1 | | |
| Wilmington, Del. | 91,265 | 37 | 5 | | 3 | | | | | 4 |
| From 25,000 to 50,000 inhabit- ants: | | | | | | | | | | |
| Alameda, Cal. | 27,732 | 4 | 6 | | | | | | 1 | 1 |
| Auburn, N. Y. | 37,385 | 11 | 2 | | | | | | | |
| Austin, Tex. | 34,814 | 19 | 1 | | 8 | | | | | 1 |
| Brookline, Mass. | 32,730 | 9 | 2 | | 2 | | 3 | | | |
| Butler, Pa. | 27,632 | 11 | 2 | | 6 | | | | | 1 |
| Butte, Mont. | 43,425 | 15 | 3 | | 3 | | 22 | | | |
| Charlotte, N. C. | 39,823 | | | | 18 | | 2 | | 1 | |
| Chelsea, Mass. | 46,192 | 27 | | | 9 | | | | 1 | |
| Chicopee, Mass. | 29,319 | 10 | | | 7 | 1 | | | 1 | 3 |
| Columbia, S. C. | 34,611 | | 1 | | 9 | | | | | |
| Cumberland, Md. | 26,074 | 10 | | | | | | | | |
| Danville, Ill. | 32,261 | 7 | | | 1 | | | | | |
| Davenport, Iowa | 48,811 | | 1 | | | | 7 | | | |
| Dubuque, Iowa | 39,873 | | 1 | 2 | 1 | | | | | |
| East Orange, N. J. | 42,458 | 9 | | | 26 | | | | 2 | |
| Elgin, Ill. | 28,203 | 5 | 1 | | 5 | | | | | |
| Everett, Mass. | 39,233 | 9 | 8 | | 10 | | 1 | | 4 | |
| Fitchburg, Mass. | 41,781 | 7 | 3 | 1 | 2 | | | | 6 | |
| Galveston, Tex. | 41,863 | 17 | 1 | | 6 | | 1 | | | 1 |
| Green Bay, Wis. | 29,353 | 10 | 2 | | 3 | | 3 | | | |
| Hagerstown, Md. | 25,679 | | 2 | | 3 | | 1 | | | |
| Haverhill, Mass. | 48,477 | 6 | 1 | | 12 | | 2 | | 3 | 2 |
| Jackson, Mich. | 35,363 | 19 | | | | | 10 | | 1 | 3 |
| Kalamazoo, Mich. | 48,886 | 23 | 8 | | 26 | | | | 1 | 1 |
| Kenosha, Wis. | 31,576 | 4 | 11 | 1 | 1 | | 5 | 1 | | |
| Knoxville, Tenn. | 38,676 | | 1 | 1 | 3 | | 3 | | 2 | 2 |
| La Crosse, Wis. | 31,677 | 12 | 3 | | | | | | | |
| Lexington, Ky. | 41,097 | 18 | 1 | | 26 | | | | 28 | 11 |
| Lima, Ohio | 35,384 | 17 | 1 | | | | 1 | | | 1 |
| Lincoln, Nebr. | 46,515 | 12 | 6 | 1 | 5 | | 11 | | | |
| Lorain, Ohio | 36,964 | 1 | 4 | 1 | 1 | | 1 | | | |
| Lynchburg, Va. | 32,940 | 12 | | | 4 | | | | | |
| Macon, Ga. | 45,757 | 7 | 2 | | 32 | | 1 | | | |
| Medford, Mass. | 26,234 | 12 | 2 | 1 | 6 | | | | | 2 |
| Montclair, N. J. | 26,318 | 5 | | | 6 | | 2 | | 1 | |
| Montgomery, Ala. | 43,285 | 7 | | | 22 | | | | | |
| Nashua, N. H. | 27,327 | 9 | | 2 | | 1 | | | | |
| Newburgh, N. Y. | 29,603 | 9 | 1 | | 46 | | | | 1 | |
| New Castle, Pa. | 41,133 | | | | | | 3 | | 6 | |
| Newport, Ky. | 31,927 | 2 | 1 | | | | | | | |

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

City Reports for Week Ended Jan. 5, 1918—Continued.

| City. | Popula- tion as of July 1, 1916 estimated by U. S. Census Bureau). | Total deaths from all causes. | Diphtheria. | | Measles. | | Scarlet fever. | | Tuber- culosis. | | |
|---|--|---|-------------|---------|----------|---------|-------------------|---------|--------------------|---------|--|
| | | | Cases. | Deaths. | Cases. | Deaths. | Cases. | Deaths. | Cases. | Deaths. | |
| From 25,000 to 50,000 inhabit- ants—Continued. | | | | | | | | | | | |
| Newton, Mass. | 43,715 | 16 | 3 | | 6 | | | | | | |
| Niagara Falls, N. Y. | 37,353 | 5 | 2 | | | | 1 | | 1 | | |
| Norristown, Pa. | 31,401 | 16 | | | 2 | | | | 1 | | |
| Ogden, Utah. | 31,404 | 5 | | | | | 5 | | | | |
| Orange, N. J. | 33,080 | 12 | 1 | | 4 | | | | | | |
| Pasadena, Cal. | 46,450 | 6 | | | | | | | 1 | | |
| Perth Amboy, N. J. | 41,185 | | | | 20 | | 2 | | 1 | | |
| Petersburg, Va. | 25,582 | 10 | | | 5 | | | | 1 | | |
| Pittsfield, Mass. | 38,629 | 5 | 1 | | 8 | | 3 | | | 3 | |
| Portsmouth, Va. | 39,651 | 14 | 1 | | 1 | | | | | | |
| Quincy, Ill. | 36,798 | 6 | | | 13 | | 2 | | | | |
| Quincy, Mass. | 38,136 | 10 | 1 | | 1 | | 1 | | 2 | | |
| Racine, Wis. | 46,486 | 18 | | | 1 | | 1 | | | | |
| Roanoke, Va. | 43,284 | 10 | 2 | | 2 | | | | 1 | | |
| Rock Island, Ill. | 28,926 | 14 | | | 3 | | | | | | |
| San Jose, Cal. | 38,902 | | | | 7 | | | | 1 | | |
| Steubenville, Ohio. | 27,445 | 12 | | | | | | | | | |
| Superior, Wis. | 46,226 | 6 | 1 | | 3 | | 2 | | | | |
| Taunton, Mass. | 36,283 | 8 | 1 | | 1 | | | | 1 | | |
| Waco, Tex. | 33,385 | 2 | | | 6 | | 2 | | 1 | | |
| Waltham, Mass. | 30,570 | 9 | | | 1 | | | | 1 | | |
| Watertown, N. Y. | 29,894 | 1 | 1 | | | | | | | | |
| West Hoboken, N. J. | 43,139 | 9 | | | 1 | | | | | | |
| Wheeling, W. Va. | 43,377 | 18 | | | | | 1 | | 2 | | |
| Winston-Salem, N. C. | 31,155 | | | | 20 | | 3 | | | | |
| Zanesville, Ohio. | 30,293 | 9 | | | 1 | | | | 1 | | |
| From 10,000 to 25,000 inhabit- ants: | | | | | | | | | | | |
| Alexandria, La. | 15,333 | 12 | | | 62 | | | | | | |
| Alton, Ill. | 22,874 | 10 | 3 | 2 | 8 | | 1 | | | | |
| Ann Arbor, Mich. | 15,010 | 6 | | 1 | | | | | 1 | | |
| Anniston, Ala. | 14,112 | | 3 | | 10 | | | | | | |
| Beaver Falls, Pa. | 13,532 | | 2 | | 1 | | 2 | | | | |
| Berlin, N. H. | 13,599 | 2 | | | | | | | | | |
| Bethlehem, Pa. | 14,142 | | 2 | | | | | | 2 | | |
| Braddock, Pa. | 21,685 | | 3 | | | | | | | | |
| Chillicothe, Ohio. | 15,470 | | 1 | | 7 | | 2 | | | | |
| Clinton, Mass. | 13,075 | 6 | | | | | | | | 1 | |
| Coffeyville, Kans. | 17,548 | | | | 23 | | | | | 1 | |
| Concord, N. H. | 22,669 | 6 | 2 | | 1 | | 3 | | | 1 | |
| Galesburg, Ill. | 24,276 | 7 | | | | | | | | | |
| Hattiesburg, Miss. | 16,482 | 10 | | | 7 | | | | | | |
| Kearney, N. J. | 23,539 | 7 | | | 29 | | | | 3 | | |
| Kokomo, Ind. | 20,930 | 6 | | | | | | | | | |
| Leavenworth, Kans. | 19,363 | 3 | | | 4 | | | | 2 | | |
| Long Branch, N. J. | 15,395 | 2 | 2 | | 1 | | | | | | |
| Marionette, Wis. | 14,610 | 1 | | | | | | | | | |
| Melrose, Mass. | 17,445 | 5 | | | 1 | | 2 | | | | |
| Morristown, N. J. | 13,284 | 2 | | | | | | | | | |
| Nanticoke, Pa. | 23,126 | 4 | 1 | | 1 | | 1 | | 1 | | |
| New Albany, Ind. | 23,629 | 5 | | | | | | | 2 | 1 | |
| Newburyport, Mass. | 15,243 | 6 | 1 | 1 | 1 | | | | | | |
| New London, Conn. | 20,985 | 3 | 3 | | 1 | | | | 1 | | |
| Newport News, Va. | 20,562 | 19 | | | 13 | | | | | | |
| North Adams, Mass. | 22,019 | 8 | 3 | | | | | | | 1 | |
| Northampton, Mass. | 19,926 | 9 | | | | | 4 | | 2 | 1 | |
| North Little Rock, Ark. | 14,907 | 2 | | | 5 | | | | | | |
| Plainfield, N. J. | 23,805 | 12 | 1 | 1 | 1 | | 2 | | | 1 | |
| Pontiac, Mich. | 17,524 | 8 | 2 | | 5 | | | | 1 | 1 | |
| Portsmouth, N. H. | 11,666 | | 1 | 1 | | | 3 | | | | |
| Rocky Mount, N. C. | 12,067 | 7 | | | 2 | | | | 2 | 1 | |
| Rutland, Vt. | 14,831 | 2 | | | | | | | | | |
| Sandusky, Ohio. | 20,193 | 9 | | | | | 2 | | | | |
| Saratoga Springs, N. Y. | 13,821 | 6 | | | 1 | | 2 | | | 1 | |
| Spartanburg, S. C. | 21,365 | 9 | 1 | | 5 | | | | 1 | | |
| Steelton, Pa. | 15,548 | 2 | | | | | | | 1 | 1 | |
| Washington, Pa. | 21,618 | | | | 5 | | | | 1 | | |
| Wilkesburg, Pa. | 23,228 | 14 | 1 | | 6 | | | | | 1 | |
| Woburn, Mass. | 15,969 | 4 | | | | | | | | | |

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

FOREIGN.

CHINA.

Examination of Rats—Shanghai.

During the six weeks ended December 1, 1917, 1,617 rats were examined at Shanghai. No plague infection was found. The last plague-infected rat at Shanghai was reported found May 6, 1916.

GREAT BRITAIN.

Examination of Rats—Liverpool.

During the five weeks ended December 15, 1917, 1,843 rats were examined at Liverpool. No plague infection was found.

INDO-CHINA.

Cholera—Plague—Smallpox—Leprosy—September, 1917.

During the month of September, 1917, 74 cases of cholera, 34 cases of plague, and 193 cases of smallpox were notified in Indo-China. For the month of August, 1917, the reported prevalence was as follows: Cholera, 328 cases; plague, 50 cases; smallpox, 234 cases. The distribution of these diseases during the month of September, 1917, was as follows:

Cholera.—Province of Anam, 13 cases; Cambodia, 19 cases; Cochin-China, 32 cases; Kwang-Chow-Wan, 10 cases; total, 74 cases. The total for the corresponding month of the previous year was 107 cases.

Plague.—Province of Anam, 12 cases; Cambodia, 12 cases; Cochin-China, 10 cases; total, 34 cases. The total for September, 1916, was 26.

Smallpox.—Province of Anam, 61 cases; Cambodia, 7 cases; Cochin-China, 124 cases; Tonkin, 1 case; total, 193 cases. The total for September, 1916, was 25.

Leprosy.—During the month of September, 1917, 20 cases of leprosy were notified in Indo-China, of which 12 cases were notified in the city of Hanoi, Tonkin, and 8 in two localities in Cochin-China.

CHOLERA, PLAGUE, SMALLPOX, AND TYPHUS FEVER.**Reports Received During Week Ended Jan. 25, 1918.¹****CHOLERA.**

| Place. | Date. | Cases. | Deaths. | Remarks. |
|---------------------|-----------------|--------|---------|--|
| India: | | | | |
| Calcutta..... | Oct. 14-27..... | ..... | 26 | |
| Indo-China: | | | | |
| Provinces..... | | | | Sept. 1-30, 1917: Cases, 74; deaths, 37. |
| Anam..... | Sept. 1-30..... | 13 | 10 | |
| Cambodia..... | do..... | 19 | 12 | |
| Cochin-China..... | do..... | 32 | 13 | |
| Kwang-Chow-Wan..... | do..... | 10 | 2 | |

PLAGUE.

| | | | | |
|-------------------|-----------------|-------|----|--|
| India..... | | | | |
| Mandalay..... | Oct. 14-20..... | ..... | 20 | Sept. 30-Nov. 10, 1917: Cases, 80,105; deaths, 58,838. |
| Indo-China: | | | | |
| Provinces..... | | | | Sept. 1-30, 1917: Cases, 34; deaths, 30. |
| Anam..... | Sept. 1-30..... | 12 | 11 | |
| Cambodia..... | do..... | 12 | 11 | |
| Cochin-China..... | do..... | 10 | 8 | |

SMALLPOX.

| | | | | |
|------------------------|----------------------|-----|----|--|
| Australia: | | | | |
| New South Wales..... | | | | Dec. 5, 1917: 1 case. |
| Kurri Kurri..... | Dec. 5..... | 1 | | |
| Brazil: | | | | |
| Rio de Janeiro..... | Oct. 28-Dec. 1..... | 206 | 63 | |
| Canada: | | | | |
| Montreal..... | Jan. 6-12..... | 1 | | |
| China: | | | | |
| Harbin..... | May 14-June 30..... | 20 | | Chinese Eastern Ry. |
| Do..... | July 1-Oct. 15..... | 4 | | Do. |
| Manchuria Station..... | May 14-June 30..... | 6 | | Do. |
| Do..... | July 1-Oct. 15..... | 3 | | Do. |
| Shanghai..... | Nov. 25-Dec. 16..... | 21 | 45 | |
| Tientsin..... | Nov. 25-Dec. 8..... | 5 | | |
| France: | | | | |
| Lyon..... | Dec. 10-16..... | 2 | 2 | |
| Indo-China: | | | | |
| Provinces..... | | | | Sept. 1-30, 1917: Cases, 19; deaths, 56. |
| Anam..... | Sept. 1-30..... | 61 | 12 | |
| Cambodia..... | do..... | 7 | | |
| Cochin-China..... | do..... | 124 | 44 | |
| Tonkin..... | do..... | 1 | | |
| Italy: | | | | |
| Castellamare..... | Dec. 10..... | 2 | | Among refugees. |
| Florence..... | Dec. 1-15..... | 17 | 4 | |
| Naples..... | To Dec. 10..... | 2 | | Do. |
| Newfoundland: | | | | |
| St. Johns..... | Dec. 29-Jan. 11..... | 25 | | |
| Philippine Islands: | | | | |
| Manila..... | Dec. 2-8..... | 2 | | |

TYPHUS FEVER.

| | | | | |
|---------------------|---------------------|----|---|--|
| Brazil: | | | | |
| Rio de Janeiro..... | Oct. 28-Dec. 1..... | 7 | | |
| Chosen (Formosa): | | | | |
| Seoul..... | Nov. 1-30..... | 1 | | |
| Great Britain: | | | | |
| Manchester..... | Dec. 2-8..... | 1 | | |
| Japan: | | | | |
| Nagasaki..... | Dec. 10-16..... | 1 | 5 | |
| Russia: | | | | |
| Siberia— | | | | |
| Vladivostok..... | Oct. 29-Nov. 4..... | 12 | 1 | |

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

CHOLERA, PLAGUE, SMALLPOX, AND TYPHUS FEVER—Continued.**Reports Received from Dec. 23, 1917, to Jan. 13, 1918.¹****CHOLERA.**

| Place. | Date. | Cases. | Deaths. | Remarks. |
|------------------------|---------------------|--------|---------|-----------------------------------|
| China: | | | | |
| Antung..... | Nov. 26-Dec. 2.... | 3 | 1 | |
| India: | | | | |
| Bombay..... | Oct. 28-Nov. 3.... | 2 | 1 | |
| Calcutta..... | Sept. 16-Oct. 6.... | | 42 | |
| Java: | | | | |
| West Java..... | | | | Oct. 19-Nov. 8, 1917: Cases, 19 |
| Batavia..... | Oct. 19-Nov. 8.... | 13 | 4 | deaths, 7. |
| Persia: | | | | |
| Mazanderan Province— | | | | |
| Astrabad..... | July 31..... | | | Present. |
| Barfrush..... | July 1-27..... | 34 | 23 | |
| Chahmirzad..... | | | | 25 cases reported July 31, 1917. |
| Chahrasrugh..... | June 15-July 25.... | 10 | 8 | |
| Kharek..... | May 28-June 11.... | 21 | 13 | |
| Sari..... | July 3-29..... | 273 | 144 | |
| Yekchambe-Bazar..... | June 3..... | 6 | | |
| Philippine Islands: | | | | |
| Provinces..... | | | | Nov. 13-24, 1917: Cases, 262; |
| Antique..... | Nov. 18-24..... | 32 | 23 | deaths, 167. |
| Bohol..... | do..... | 10 | 9 | |
| Iloilo..... | do..... | 57 | 38 | |
| Leyte..... | do..... | 4 | 3 | |
| Mindanao..... | do..... | 77 | 47 | |
| Occidental Negros..... | do..... | 47 | 30 | |
| Oriental Negros..... | do..... | 34 | 17 | |
| Provinces..... | | | | Nov. 25-Dec. 1, 1917: Cases, 251; |
| Antique..... | Nov. 25-Dec. 1.... | 16 | 9 | deaths, 166. |
| Bohol..... | do..... | 36 | 19 | |
| Cebu..... | do..... | 1 | 1 | |
| Iloilo..... | do..... | 67 | 40 | |
| Leyte..... | do..... | 3 | 2 | |
| Mindanao..... | do..... | 38 | 30 | |
| Occidental Negros..... | do..... | 71 | 47 | |
| Oriental Negros..... | do..... | 18 | 17 | |
| Rombion..... | do..... | 1 | 1 | |
| Siam: | | | | |
| Bangkok..... | Sept. 16-22..... | 1 | 1 | |

PLAGUE.

| | | | | |
|------------------------|---------------------|-------|-------|-----------------------------------|
| British Gold Coast: | | | | |
| Accra..... | Jan. 8..... | | | Present. |
| Ceylon: | | | | |
| Colombo..... | Oct. 14-27..... | 4 | 3 | |
| Egypt: | | | | |
| Port Said..... | July 21-29..... | 1 | 2 | Jan. 1-Nov. 15, 1917: Cases, 728; |
| India: | | | | deaths, 398. |
| Bombay..... | Oct. 28-Nov. 3.... | 18 | 17 | Sept. 16-29, 1917: Cases, 18,653; |
| Calcutta..... | Sept. 16-27..... | | 2 | deaths, 13,810. Oct. 21-27, |
| Karaikal..... | Oct. 21-Nov. 10.... | 6 | 5 | 1917: Cases, 13,571; deaths, |
| Madras Presidency..... | Oct. 31-Nov. 6.... | 1,555 | 1,200 | 9,390. |
| Pangoon..... | Oct. 21-27..... | 9 | 10 | |
| Indo-China: | | | | |
| Saigon..... | Oct. 31-Nov. 18.... | 8 | 4 | |
| Siam: | | | | |
| Bangkok..... | Sept. 16-22..... | 1 | 1 | |
| Straits Settlements: | | | | |
| Singapore..... | Oct. 28-Nov. 3.... | 1 | 3 | |

¹ From medical officers of the Public Health Service, American consuls, and other sources. For reports received from June 30, 1917, to Dec. 23, 1917, see Public Health Reports for Dec. 23, 1917. The tables of epidemic diseases are terminated semiannually and new tables begun.

CHOLERA, PLAGUE, SMALLPOX, AND TYPHUS FEVER—Continued.**Reports Received from Dec. 29, 1917, to Jan. 18, 1918—Continued.****SMALLPOX.**

| Place. | Date. | Cases. | Deaths. | Remarks. |
|------------------------------------|-----------------------|--------|---------|--|
| Algeria: | | | | |
| Algiers..... | Nov. 1-30..... | 1 | | |
| Australia: | | | | |
| New South Wales..... | | | | Sept. 28-Nov. 20, 1917: Cases, 9. |
| Abermain..... | Oct. 25-Nov. 20..... | 3 | | |
| Cessnock..... | Sept. 28-Oct. 11..... | 3 | | Newcastle district. |
| Warren..... | Oct. 12-13..... | 3 | | |
| Brazil: | | | | |
| Pernambuco..... | Nov. 1-15..... | 1 | | |
| Rio de Janeiro..... | Sept. 30-Oct. 27..... | 313 | 88 | |
| Sao Paulo..... | Oct. 23-Nov. 4..... | | 2 | |
| Canada: | | | | |
| New Brunswick— Kent County..... | Dec. 4..... | | | Outbreak. On main line Canadian Ry., 25 miles north of Moncton. |
| Ontario— | | | | |
| Hamilton..... | Dec. 16-22..... | 1 | | |
| Sarnia..... | Dec. 9-15..... | 1 | | |
| Windsor..... | Dec. 30-Jan. 5..... | 1 | | |
| Quebec— | | | | |
| Montreal..... | Dec. 16-Jan. 5..... | 5 | | |
| China: | | | | |
| Amoy..... | Oct. 22-Nov. 4..... | | | Present. |
| Antung..... | Dec. 3-9..... | 1 | 1 | |
| Chungking..... | Nov. 11-17..... | | | Do. |
| Dairen..... | Nov. 18-24..... | 1 | | |
| Mukden..... | Nov. 11-24..... | | | Do. |
| Shanghai..... | Nov. 18-Dec. 2..... | 9 | 17 | Cases, foreign; deaths among natives. |
| Tientsin..... | Nov. 11-17..... | 2 | | |
| Cuba: | | | | |
| Habana..... | Jan. 7..... | 1 | | Nov. 8, 1917: 1 case from Coruna, Dec. 5, 1917: 1 case. 6 miles distant from Habana. |
| Marianao..... | Jan. 8..... | 1 | | |
| Egypt: | | | | |
| Alexandria..... | Nov. 12-18..... | 1 | | |
| Cairo..... | July 23-Aug. 5..... | 5 | 1 | |
| France: | | | | |
| Lyon..... | Nov. 18-Dec. 9..... | 4 | 1 | In hospital. From Givors. |
| Great Britain: | | | | |
| Birmingham..... | Nov. 11-17..... | 19 | | |
| India: | | | | |
| Madras..... | Oct. 31-Nov. 6..... | 4 | 1 | |
| Indo-China: | | | | |
| Salgon..... | Oct. 29-Nov. 18..... | 41 | 12 | |
| Italy: | | | | |
| Turin..... | Oct. 29-Nov. 25..... | 77 | 116 | |
| Java: | | | | |
| Mid-Java..... | Oct. 10-30..... | 25 | | |
| West Java..... | | | | Oct. 19-Nov. 8, 1917: Cases, 50; deaths, 8. |
| Batavia..... | Nov. 2-8..... | 1 | | |
| Mexico: | | | | |
| Mazatlan..... | Dec. 5-11..... | | 1 | |
| Mexico City..... | Nov. 11-17..... | 9 | | |
| Piedras Negras..... | Jan. 11..... | 200 | | |
| Newfoundland: | | | | |
| St. Johns..... | Dec. 8-28..... | 14 | | |
| Philippine Islands: | | | | |
| Manila..... | Oct. 28-Nov. 10..... | 3 | | |
| Portugal: | | | | |
| Lisbon..... | Nov. 4-10..... | 1 | | |
| Portuguese East Africa: | | | | |
| Lourenço Marques..... | Aug. 1-Sept. 30..... | | 4 | |
| Russia: | | | | |
| Moscow..... | Aug. 26-Oct. 6..... | 22 | 2 | |
| Petrograd..... | Aug. 31-Oct. 27..... | 59 | 3 | |
| Spain: | | | | |
| Coruna..... | Dec. 2-15..... | | 4 | |
| Seville..... | Oct. 1-30..... | | 9 | |
| Venezuela: | | | | |
| Maracaibo..... | Dec. 2-8..... | | 1 | |

CHOLERA, PLAGUE, SMALLPOX, AND TYPHUS FEVER—Continued.**Reports Received from Dec. 29, 1917, to Jan. 18, 1918—Continued.****TYPHUS FEVER.**

| Place. | Date. | Cases. | Deaths. | Remarks. |
|----------------------|----------------------|--------|---------|---|
| Algeria: | | | | |
| Algiers..... | Nov. 1-30..... | 2 | | |
| Australia: | | | | |
| South Australia..... | | | | Nov. 11-17, 1917: Cases, 1. |
| Canada: | | | | |
| Ontario— | | | | |
| Kingston..... | Dec. 2-8..... | 3 | | |
| Quebec— | | | | |
| Montreal..... | Dec. 16-22..... | 2 | 1 | |
| China: | | | | |
| Antung..... | Dec. 3-9..... | 5 | 1 | |
| Egypt: | | | | |
| Alexandria..... | Nov. 8-25..... | 110 | 44 | |
| Cairo..... | July 23-Sept. 23.... | 23 | 8 | |
| Port Said..... | July 30-Sept. 23.... | 3 | 3 | |
| Greece: | | | | |
| Saloniki..... | Nov. 11-24..... | | 19 | |
| Japan: | | | | |
| Nagasaki..... | Nov. 26-Dec. 9.... | 4 | | |
| Java: | | | | |
| East Java..... | | | | Oct. 15-21, 1917: Cases, 5; deaths, 2. |
| Mid-Java..... | | | | Oct. 10-30, 1917: Cases, 22; deaths, 2. |
| Samarang..... | Oct. 17-30..... | 4 | 1 | |
| West Java..... | | | | Oct. 19-Nov. 8, 1917: Cases, 33; deaths, 5. |
| Batavia..... | Oct. 19-Nov. 8.... | 22 | 4 | |
| Mexico: | | | | |
| Aguascalientes..... | Dec. 15..... | | 2 | |
| Mexico City..... | Nov. 11-Dec. 15.... | 337 | | |
| Russia: | | | | |
| Archangel..... | Sept. 1-14..... | 7 | 2 | |
| Moscow..... | Aug. 26-Oct. 6.... | 49 | 2 | |
| Petrograd..... | Aug. 31-Oct. 27.... | 22 | | |
| Sweden: | | | | |
| Goteborg..... | Nov. 18-24..... | 1 | | |
| Tunisia: | | | | |
| Tunis..... | Nov. 30-Dec. 6.... | | 1 | |

X