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SICKNESS ABSENTEEISM AMONG INDUSTRIAL WORKERS, THIRD QUARTER OF 1944¹

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The data on the frequency of sickness and nonindustrial injuries causing disability for more than 1 week during the third quarter and the first 9 months of 1944 and 1943, presented in table 1, are derived

TABLE 1.—Average annual number of absences per 1,000 males on account of sickness and nonindustrial injuries disabling for 8 consecutive calendar days or longer, by cause, experience of MALE employees in various industries, the third quarter of 1944 compared with the third quarter of 1943, and the first 9 months of 1944 compared with the first 9 months of the years 1939–43, inclusive¹

| Cause (numbers in parentheses are disease title numbers from the International List of Causes of Death, 1939) | Annual number of absences per 1,000 males | | | | |
|---|---|---------|----------------|---------|-----------|
| | Third quarter | | First 9 months | | |
| | 1944 | 1943 | 1944 | 1943 | 1939–43 |
| Sickness and nonindustrial injuries..... | 112.9 | 108.2 | 139.2 | 132.6 | 109.0 |
| Nonindustrial injuries (169–195)..... | 13.4 | 12.7 | 11.9 | 12.2 | 11.6 |
| Sickness..... | 99.5 | 95.5 | 127.3 | 120.4 | 97.4 |
| Respiratory diseases..... | 28.6 | 31.5 | 57.4 | 61.1 | 45.3 |
| Tuberculosis of respiratory system (13)..... | 7 | 8 | 8 | 8 | 8 |
| Influenza and grippe (33)..... | 7.8 | 8.9 | 25.9 | 23.0 | 19.4 |
| Bronchitis, acute and chronic (106)..... | 5.9 | 6.2 | 8.8 | 10.6 | 6.7 |
| Pneumonia, all forms (107–109)..... | 2.6 | 3.3 | 6.7 | 9.4 | 5.4 |
| Diseases of pharynx and tonsils (115b, 115c)..... | 4.8 | 5.1 | 6.0 | 7.2 | 5.8 |
| Other respiratory diseases (104, 105, 110–114)..... | 6.8 | 7.2 | 9.2 | 10.1 | 7.2 |
| Digestive diseases..... | 19.7 | 19.4 | 18.9 | 16.9 | 15.7 |
| Diseases of stomach except cancer (117, 118)..... | 6.9 | 6.6 | 6.3 | 5.7 | 4.5 |
| Diarrhea and enteritis (120)..... | 3.3 | 2.8 | 2.7 | 2.1 | 1.7 |
| Appendicitis (121)..... | 4.8 | 5.2 | 4.7 | 4.4 | 4.9 |
| Hernia (122a)..... | 2.0 | 1.9 | 1.9 | 1.9 | 1.7 |
| Other digestive diseases (115a, 115d, 116, 122b–129)..... | 2.7 | 2.9 | 3.3 | 2.8 | 2.9 |
| Nonrespiratory-nondigestive diseases..... | 45.4 | 39.5 | 45.2 | 38.1 | 33.5 |
| Infectious and parasitic diseases (1–12, 14–24, 26–29, 31, 32, 34–44) ² | 2.0 | 2.1 | 2.5 | 2.7 | 2.5 |
| Rheumatism, acute and chronic (58, 59)..... | 5.9 | 4.7 | 6.1 | 4.7 | 4.2 |
| Neurasthenia and the like (part of 84d)..... | 2.2 | 1.7 | 2.1 | 1.4 | 1.1 |
| Neuralgia, neuritis, sciatica (87b)..... | 2.8 | 2.8 | 3.0 | 2.8 | 2.3 |
| Other diseases of nervous system (80–85, 87, except part of 84d, and 87b)..... | 2.2 | 1.7 | 2.0 | 1.6 | 1.3 |
| Diseases of heart and arteries, and nephritis (90–99, 102, 130–132)..... | 7.0 | 5.2 | 7.4 | 5.3 | 4.6 |
| Other diseases of genitourinary system (133–138)..... | 3.9 | 2.9 | 3.6 | 2.7 | 2.6 |
| Diseases of skin (151–153)..... | 3.5 | 4.0 | 3.5 | 3.2 | 3.0 |
| Diseases of organs of movement except diseases of joints (156b)..... | 3.7 | 3.5 | 3.7 | 3.6 | 3.0 |
| All other diseases (45–57, 60–79, 83, 89, 100, 101, 103, 154, 155, 156a, 157, 162)..... | 12.2 | 10.9 | 11.3 | 10.1 | 8.9 |
| Ill-defined and unknown causes (200)..... | 5.8 | 5.1 | 5.8 | 4.3 | 2.9 |
| Average number of males..... | 229,037 | 273,684 | 244,183 | 270,370 | 1,128,703 |
| Number of organizations..... | 17 | 18 | 17 | 18 | ----- |

¹ Industrial injuries and venereal diseases are not included.

² Exclusive of influenza and grippe, respiratory tuberculosis, and venereal diseases.

³ From the Industrial Hygiene Division, Bureau of State Services. The report for the second quarter appeared in PUBLIC HEALTH REPORTS, 58: 1267–1274 (Sept. 29, 1944). (Reprint No. 2578.)

from analyses of periodic reports from industrial sick benefit associations, group insurance plans, and company relief departments. The group reported upon comprises over 200,000 male workers.

THIRD QUARTER OF 1944

Interest in the rates for the third quarters of 1944 and 1943 centers around the 15-percent increase in the nonrespiratory-nondigestive group of diseases reflecting chiefly increases in rheumatism, 26 percent; neurasthenia and the like, 29 percent; "other diseases of nervous system," 29 percent; and "other diseases of genitourinary system," 34 percent.

THIRD QUARTERS, 1935-44

Broad cause groups.—Figure 1 presents graphically for the 10 years 1935-44 the yearly contribution of each of the three broad cause groups to the total sickness rate. The varying total sickness

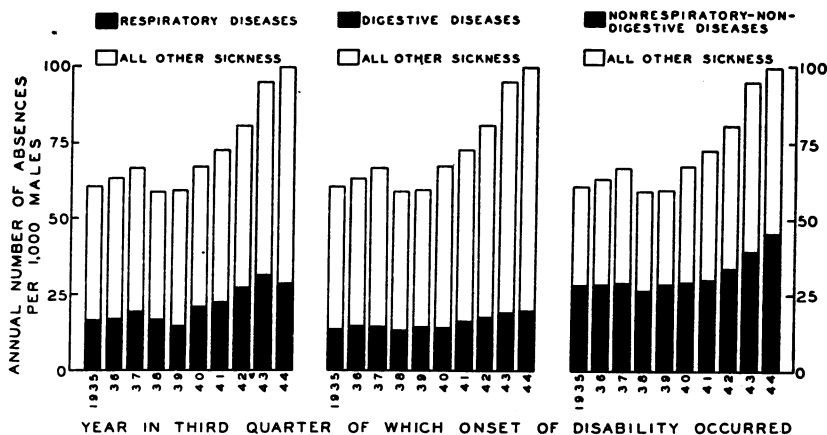


FIGURE 1.—A average annual number of absences per 1,000 males on account of sickness disabling for 8 consecutive calendar days or longer, variation of third-quarter rates with time; experience of male employees in various industries, 1935-44, inclusive. (Each bar for a particular year represents the average annual frequency from all sickness and the contribution made to that frequency by a particular cause group.)

rate, shown three times in the figure, reveals an upward trend since 1938 moving on an S-shaped curve with an initial 1938 value of 59.0 and a terminal 1944 value of 99.5. It will be observed that the total sickness rate of 99.5 has never been equaled or exceeded during the 10 years, being almost 70 percent higher than the minimum rate of 1938. The mean of the 10 total sickness rates is 72.5, and when the yearly rates are related to this mean, excesses arise for the 3 consecutive years 1942, 1943, and 1944; these excesses of increasing magnitude are, respectively, 12, 32, and 37 percent.

The contributions made by the respiratory group of diseases to the total sickness rate are also of interest. It will be noted that the

drop in the respiratory rate for the third quarter of 1944 is not sufficiently large to effect a decrease in the total sickness rate. The 10 respiratory rates yield a mean of 21.6. Prior to 1941 each of the yearly rates is below this mean; in 1941 and thereafter the yearly rates show excesses that increase in magnitude. These excesses covering 1941 through 1944 are 5, 27, 46, and 32 percent, respectively.

The rate of 19.7 for the digestive group of diseases, only slightly higher than the rate for 1943, has never been equaled or exceeded during the 10 years. The mean for the 10 years is 15.9 excesses increasing in value being shown by each of the 4 years, 1941-44. These excesses are 4, 11, 22, and 24 percent.

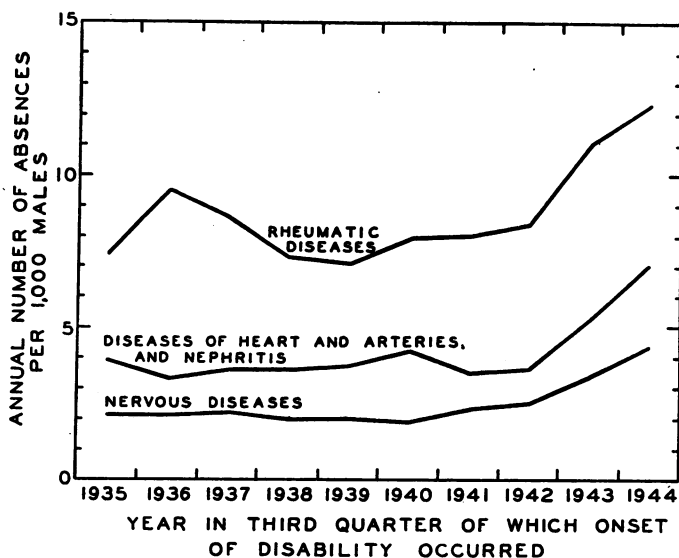


FIGURE 2.—Average annual number of absences per 1,000 males on account of selected causes disabling for 8 consecutive calendar days or longer, variation of third-quarter rates with time; experience of male employees in various industries, 1935-44, inclusive. (Rheumatic diseases include rheumatism, acute and chronic; neuralgia, neuritis, and sciatica; and diseases of organs of movement except diseases of joints. Nervous diseases include neurasthenia and the like, and "other diseases of nervous system.")

As in the instance of the total sickness rate, the rate for the non-respiratory-nondigestive diseases has been increasing since 1938, the past 3 years, 1942-44, showing excesses of 6, 24, and 43 percent, respectively, above the 10-year mean of 31.8. Furthermore, the 1944 rate of 45.4, is approximately two and one-third times the corresponding rate (19.7) for the digestive diseases and, like this rate, it has never been equaled or exceeded during the 10 years.

Causes with relatively high rates in 1944.—Figure 2 shows graphically the variation during 1935-44 of the third-quarter rates for three causes: Rheumatic diseases (rheumatism, acute and chronic; neuralgia, neuritis, and sciatica; and diseases of organs of movement except diseases of joints); diseases of heart and arteries, and nephritis; and

nervous diseases (neurasthenia and the like, and "other diseases of nervous system").

It will be observed that each of the three causes shows a third-quarter rate for 1944 that has never been equaled or exceeded during the 10-year period, the excesses yielded by the ratio of the rate to the appropriate 10-year mean being 41, 67, and 76 percent for rheumatic diseases; diseases of heart and arteries, and nephritis; and nervous diseases, respectively. All three causes show spectacular rises in 1943 and 1944.

ADVERSE FACTORS

The rate changes undoubtedly reflect the changing conditions of the times. Among adverse factors mention may be made of the increased employment of youth and the older worker; the hiring of workers long unemployed, of the inexperienced, and of many persons excluded from the armed forces for some reason or other; emotional strains and personal mental conflicts; overcrowding in the plant; the lowered physical standards for employment; the lengthened workweek with its attendant fatigue; and night work.

THE PRODUCTION OF AN ANTIBIOTIC SUBSTANCE SIMILAR TO PENICILLIN BY PATHOGENIC FUNGI (DERMATOPHYTES)¹

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Since the discovery and characterization of penicillin several penicillin-like factors derived from organisms other than *Penicillium notatum* have been reported (1, 2, 3). However, the occurrence of antibiotic substances has been noted previously in only one species of pathogenic fungi, namely *Aspergillus fumigatus* (4).

ORGANISMS STUDIED²

The following fungi were investigated for their ability to produce antibiotic substances:

1. The variable species *Trichophyton mentagrophytes*:
 - (a) *T. gypseum*.
 - (b) *T. interdigitale*.
 - (c) *T. mentagrophytes*, ultraviolet mutants.
2. *Trichophyton tonsurans*.
3. *Trichophyton rubrum*.
4. *Trichophyton violaceum*.
5. *Epidermophyton floccosum*.
6. *Microsporon canis*.
7. *Microsporon audouinii*.

¹ From the Division of Infectious Diseases, National Institute of Health, and Dermatoses Section, Industrial Hygiene Division, Bureau of State Services.

² We wish to acknowledge the aid and suggestions of Dr. C. W. Emmons, who furnished cultures of all the fungi used in these experiments. The suggestions of Dr. John Bozicevich are also gratefully acknowledged.

METHODS OF CULTIVATION

A strain of *T. mentagrophytes* which was isolated from the arm of a patient presenting a clinical case of dermatophytosis was found to produce an antibiotic substance. This fungus was used for most of the experiments detailed below and a survey of other strains of this species failed to reveal a more satisfactory strain insofar as production of an antibiotic substance was concerned. The organism produced a uniform, roughly granular growth on Sabouraud's agar and broth which was overgrown after about 10 days by a fluffy, spore-poor mutant. Cultures for inoculation of broth were grown on agar slant for 10 days and then held at 0° C. to prevent the development of this mutant. Erlenmeyer flasks (125 cc.) containing 75 cc. of liquid culture medium (a modification of Sabouraud's broth consisting of 4 percent glucose and 1 percent Neopeptone) were inoculated from these slants and incubated at 30° C. Substrate was withdrawn from the flasks and tested for antibiotic activity using the Oxford plate method and, for routine use, *Staphylococcus aureus* 209 as the test organism. On Sabouraud's broth the organism produced both submerged and surface growth, the former appearing first.

An antibiotic factor appeared in Sabouraud's broth inoculated with *T. mentagrophytes* on the third to fourth day after inoculation. The antibiotic activity of the substrate increased to the ninth to fourteenth day in various instances and the production then leveled off; the maximum activity obtained per cubic centimeter of substrate corresponded to that of two units of sodium penicillin. The maximum activity persisted usually for about 10 days and then began to decline, disappearing completely by about the thirtieth day.

The production of an antibiotic factor paralleled roughly the change in pH in the substrate. With the initial pH of Sabouraud's broth at 5.5 to 5.6 the growth of the organism was accompanied by a steady rise in the pH to value of 7.5 to 8.0; the production of the antibiotic factor in the substrate appeared to lag somewhat behind the change in pH and became apparent when the pH attained values of 5.8 to 6.0. The maximum pH was maintained for 3 to 4 days and then began to fall and eventually became acid again. With the fall in pH was associated a decrease in the antibiotic factor and eventually its disappearance. These changes are shown in the accompanying typical graph.

In view of the low concentration of the antibiotic factor produced in Sabouraud's broth several attempts were made to alter the medium with a view to increasing the potency of this factor. The addition of yeast extract to Sabouraud's broth was without effect; likewise, addition of small amounts of magnesium++, calcium++, potassium+, and iron+++ was ineffective. Lactose was substituted

for glucose in Sabouraud's broth without increasing the antibiotic potency of the substrate. A definite difference was noted, however, in that the maximum pH attained was well over 8.0 (usually 8.4 to 8.5) in contrast to the medium in which glucose was employed. The addition of antioxidants such as thiourea and ascorbic acid did not produce increased antibiotic potency and with 0.1 percent thiourea inhibition of fungus growth with decreased potency of the substrate was noted. The organism failed to grow on the corn-steep medium employed routinely for production of penicillin using *P. notatum* 1249.B21. Addition of 1 percent Neopeptone to the medium, however, resulted in a substrate which supported growth. On this medium *T. mentagrophytes* produced an antibiotic factor in concentration corresponding to 8 to 10 units per cubic centimeter of sodium penicillin.

SPECTRUM OF ACTIVITY

Characterization of the antibiotic factor produced by *T. mentagrophytes* was complicated by the low potency of the culture filtrates which precluded the usual extraction procedures and necessitated the use of crude material. Berkefeld N filtration did not reduce the power of the culture substrate to inhibit *Staph. aureus* and material used to determine the effect of pH, temperature, antibiotic spectrum, etc., was treated in this manner.

Inhibition of *Staph. aureus* was equally effective when sucrose,

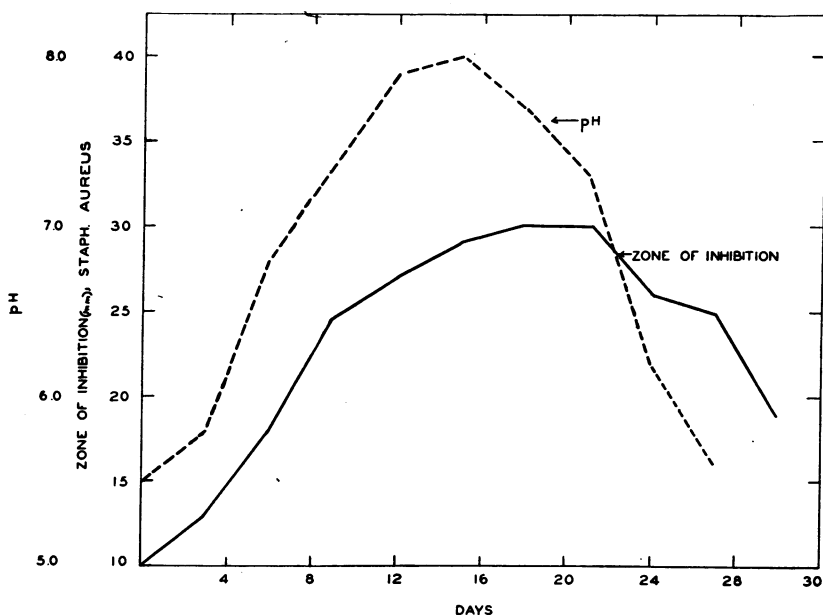


FIGURE 1.

levulose, or arabinose agar was used to support the growth of the test organism as when glucose was used.

The antibiotic spectrum was as follows:

Sensitive organisms

Staph. aureus 209
Str. hemolyticus NY5
D. pneumoniae Type I
D. pneumoniae Type VI
N. catarrhalis
Cl. perfringens

Insensitive organisms

Staph. aureus, penicillin resistant
Str. faecalis
B. subtilis
A. aerogenes
S. marcescens
A. faecalis
S. enteritidis
E. coli

Controls consisting of two units of penicillin were comparable in all instances.

STABILITY

In comparing the stability of the antibiotic factor produced by *T. mentagrophytes* and sodium penicillin the crude culture filtrate of the former and the aqueous solution of the latter were brought to the same pH and approximately the same concentration of antibiotic substance, viz, two units, by dilution with phosphate buffer. Instead of determining the "half-life," the total loss of activity was used as end point because of the low initial concentration of material. The total destruction of the antibiotic factor produced by *T. mentagrophytes* and sodium penicillin required approximately the same period of time at a given temperature and pH; thus, at 90° C. and pH 7.0 complete absence of antibiotic activity was noted in 2 hours. At pH 6.5 it required 9 hours' exposure to a temperature of 70° C. in a constant temperature water bath to effect complete loss of antibiotic potency; at 80° C. complete loss was effected in 7 hours. At pH 4.0 and 37° C. 3 hours were necessary for loss of antibiotic activity. At pH 3.0 and 0° C. 24 hours were required for inactivation. The fallacies inherent in comparing a pure substance with an impure mixture are, of course, apparent.

Sterile clarase inactivated the culture filtrate of *T. mentagrophytes* and a solution of sodium penicillin containing 2 units per cubic centimeter, 0.1 cc. of 1-percent clarase solution, an excess, being used per 25 cc. of each antibiotic solution. The addition of clarase to Berkefeld filtered glucose-peptone broth upon which *T. mentagrophytes* had grown while destroying its antibiotic properties did not change its capability of giving a positive skin reaction in patients who were sensitive to trichophytin. A control injection of clarase in plain glucose-peptone broth in similar concentration did not give a skin reaction in the individuals tested.

OCCURRENCE IN OTHER DERMATOPHYTES

A survey was made to determine how uniformly the ability to produce an antibiotic factor occurred among other dermatophytes, particularly various strains of *T. mentagrophytes*. Three strains isolated from human cases of dermatophytosis produced an antibiotic factor in glucose-peptone broth whereas two strains from animal sources did not. Six mutants produced by ultraviolet irradiation (5) of the original strain used in these experiments failed to produce higher concentrations of the antibiotic factor and three of the six mutants showed loss of the ability to produce an antibiotic factor. Results obtained with other dermatophytes are detailed in the accompanying table.

TABLE 1.—Occurrence of antibiotic factors in dermatophytes¹

| Organism | Presence of antibiotic factor | Time of appearance of antibiotic factor (days) | Concentration of antibiotic factor (Oxford units/cc substrate) |
|---|-------------------------------|--|--|
| <i>T. mentagrophytes</i> (squirrel)..... | 0 | ----- | 0. |
| <i>T. mentagrophytes</i> (monkey)..... | 0 | ----- | 0. |
| <i>T. mentagrophytes</i> (beard, human)..... | + | 5 | 2 units. |
| <i>T. mentagrophytes</i> (beard, human) corn-steep medium..... | + | 4 | 8 units. |
| <i>T. mentagrophytes</i> (syccosis, upper lip)..... | + | 5 | 1 unit. |
| <i>T. mentagrophytes</i> (human)..... | + | 9 | 0.5 unit. |
| <i>T. mentagrophytes</i> F ₈ R ₁₁ ultraviolet mutant..... | + | 5 | 1 unit. |
| <i>T. mentagrophytes</i> F ₁ R ₁₂ ultraviolet mutant..... | + | 9 | 0.5 unit. |
| <i>T. mentagrophytes</i> ultraviolet mutant 107.8..... | 0 | ----- | 0. |
| <i>T. mentagrophytes</i> ultraviolet mutant 57.1..... | 0 | ----- | 0. |
| <i>T. mentagrophytes</i> ultraviolet mutant F ₁₀ R ₁₀ | + | 12 | 0.25 unit. |
| <i>T. mentagrophytes</i> ultraviolet mutant 17 E 19..... | 0 | ----- | 0. |
| <i>T. violaceum</i> (scalp, human)..... | + | 10 | 0.75 unit. |
| <i>T. rubrum</i> (foot, human)..... | 0 | ----- | 0. |
| <i>T. tonsurans</i> (human)..... | + | 7 | 0.5 unit. |
| <i>M. canis</i> (scalp, human)..... | 0 | ----- | 0. |
| <i>M. audouinii</i> (scalp, human)..... | 0 | ----- | 0. |
| <i>E. floccosum</i> (foot, human)..... | + | 10 | 0.5 unit. |

¹ Results reported using glucose-peptone broth as culture medium except in one case as noted.

SUMMARY

Several members of the group of fungi occurring in clinical lesions of dermatophytosis were found to elaborate a factor antagonistic to certain other micro-organisms.

This factor appeared to be similar to penicillin in the following respects: (a) enhanced production on media containing corn-steep liquor, (b) spectrum of activity and behavior toward penicillin-resistant organisms, (c) sensitivity to pH and temperature, and (d) destruction by clarase.

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PROVISIONAL MORTALITY RATES FOR THE FIRST HALF OF 1944

The mortality rates in this report are based upon preliminary data for 41 States, the District of Columbia, Alaska, Hawaii, and the Canal Zone. Comparative data for the first half of 1943 and 1942 are also presented for 38 States and the District of Columbia.

This report is made available through a cooperative arrangement with the respective States which furnish provisional quarterly tabulations of current births and deaths to the United States Public Health Service. Because of some lack of uniformity in the method of classifying deaths according to cause, as well as some delay in filing certificates, these data are preliminary and some deviation from the final figures may be expected, especially for specific causes of death for individual States. Nevertheless, it is believed that the trend in mortality within each State is reasonably accurate. Comparison of specific causes of death for different States, however, is subject to error because of the factors mentioned above.

Population estimates¹ for the different States used in computing rates were as follows: 1942 and 1943 populations are Bureau of the Census estimates of the civilian population as of July 1 of each year; 1944 populations were obtained from these, that is, a 9-month change based on the 1942 and 1943 estimates was added to the 1943 estimates to give April 1, 1944, populations.

The crude mortality rate from all causes for the first 6 months of 1944 was 11.1 per 1,000 population, or the same as that for the corresponding period in 1943 and about 5 percent above the rate in 1942. The increase in mortality which was seen in the first quarter was not continued in the second quarter of 1944. The rate for the second quarter was 10.4 per 1,000 or lower than in the corresponding quarter of 1943 and slightly above 1942. Nineteen of the States reporting had higher rates in 1944 than in 1943, in 16 States the rate was lower, and in 4 States the rate was the same in both years. An older age distribution of the civilian population, due to the withdrawal of troops,

¹ Since this material was submitted the Bureau of the Census has released population estimates as of January 1, 1944, for the United States exclusive of armed forces abroad. Populations for individual States are not available; rates based on population estimates for the area included in the accompanying table, however, are slightly lower but not very different from the rates as computed from the earlier estimates.

tends to increase the rate of mortality from all causes or, conversely, mortality rates are lowered if they are adjusted to the age distribution of the 1940 enumerated population. Moreover, the effect of the withdrawal of young adults from the population is cumulative, that is, it tends to increase the crude rate slightly more each year, compared with the adjusted rate. Any decrease in the rate, therefore, is probably real. The chief cause of the increase in mortality which occurred in the first quarter was an influenza epidemic, accompanied by an increase in reported mortality from degenerative diseases.

The outbreak of influenza which reached its peak during the first quarter of 1944 subsided during the second quarter; the rates for both influenza and pneumonia in the second quarter being about the same for 1944 as for 1942 and lower than for 1943. The tuberculosis death rate was lower during the first 6 months of 1944 than in the same period of the 2 preceding years. By quarters, however, the rate for the first 3 months was higher in 1944 than in 1943 but lower than in 1942, while in the second quarter the rate was lower than that for either of the 2 preceding years. In 10 States the tuberculosis death rate was higher in the first half of 1944 than in the corresponding period in 1943, the other 29 being lower.

Of the degenerative diseases, cancer and diseases of the heart showed a higher rate for the first 6 months of 1944 than for the corresponding months in each of the 2 preceding years. Twenty-six States had higher cancer death rates in 1944 than in 1943 and 25 States had a higher mortality from diseases of the heart than in 1943. For intracranial lesions of vascular origin the 6-month rate was lower in 1944 than in 1943 but higher than in 1942, while for nephritis the rate was below that for each of the 2 preceding years.

Three of the acute communicable diseases had higher death rates in 1944 than in 1943, namely, scarlet fever, measles, and meningococcus meningitis. The scarlet fever death rate was slightly above that for the first 6 months of 1943 and 1942; the measles death rate was higher in both quarters of 1944 than in the same quarters of the 2 preceding years; the meningococcus meningitis death rate was higher in the first quarter of 1944 than in the 2 preceding years but in the second quarter the rate was the same or slightly lower than in the second quarter of last year. Twenty-five of the thirty-nine reporting States showed an increase in both the measles and meningitis death rates.

Infant mortality for the first 6 months of 1944 was approximately the same as for the same period in 1943, but lower than in 1942. The first quarter showed a decrease over both 1943 and 1942, but in the second quarter the rate was the same as or higher than in the 2 previous years. Infant mortality for the first half of 1944 was less than in 1943 in 17 States; it was more in 1944 in 17 other States; and in the remaining 3 States the rate was the same in both years. Maternal

mortality was 2.3 per 1,000 live births in the first 6 months of 1944 as compared with 2.4 and 2.6 in the corresponding period of 1943 and 1942, respectively. By quarters, the rate for the first 3 months of 1944 was the same as that for 1943, but in the second quarter of 1944 the rate was lower than in either of the 2 preceding years.

The birth rate has continued to be high; in the first half of 1944 it was 19.4 per 1,000 population as compared with 20.9 and 18.9 for the corresponding period in 1943 and 1942, respectively. Both quarters showed decreases from 1943 and increases over 1942. Thirty of the thirty-seven reporting States showed lower birth rates for the first half of 1944 than for the same period in 1943 and in 7 States the birth rate was higher in 1944 than in 1943.

The total accident death rate was lower in both quarters of 1944 than it was during the corresponding periods in 1943. Deaths from automobile accidents, however, increased almost 15 percent; the rate was higher in 1944 than in 1943 in 30 of the reporting States. While the 6-month and also the quarterly rates for automobile accidents exceeded those of 1944 they were considerably below the 1942 rates for the corresponding periods. The death rate from accidents other than automobile for the first 6 months of 1944 was 49 per 100,000 population as compared with 53 and 46 for the corresponding periods in 1943 and 1942, respectively.

Provisional mortality from certain causes in the first 6 months of 1944, with comparative data for the corresponding period in preceding years

| State and period | Rate per 1,000 live births | | Death rate per 100,000 population (annual basis) | | | | | | | | | | | | | | | | | | | | | |
|---|---|--------------------|--|----------------|--|-------------------|-----------------|--------------------|--------------|--|--|--|---------------------------------|---------------|-------------------------|--------------------------------|---------------------------|------------------------|--|-------------------------------|--------------------------------|---|-----------------------------------|------|
| | Total infant mortality | Maternal mortality | Typhoid and paratyphoid fever (1-2) | Dysentery (27) | Diarrhea and enteritis under 2 years (119) | Scarlet fever (8) | Diphtheria (10) | Whooping cough (9) | Measles (35) | Cerebrospinal (meningococcus) meningitis (6) | Acute poliomyelitis and polioencephalitis (36) | Acute infectious encephalitis (lethargic) (87) | Tuberculosis, all forms (13-22) | Syphilis (30) | Influenza (grippe) (33) | Pneumonia, all forms (107-109) | Cancer, all forms (45-55) | Diabetes mellitus (61) | Intracranial lesions of vascular origin (83) | Diseases of the heart (90-95) | Nephritis, all forms (130-132) | All accidents, including automobile accidents (100-195) | Automobile accidents (170a, b, c) | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| 39 STATES ¹ | | | | | | | | | | | | | | | | | | | | | | | | |
| | Births (exclusive of stillbirths) per 1,000 population (annual basis) | | | | | | | | | | | | | | | | | | | | | | | |
| | January-June: | | | | | | | | | | | | | | | | | | | | | | | |
| | 1944..... | 42 | 2.3 | 0.25 | 0.77 | 5.0 | 0.47 | 0.55 | 1.3 | 2.5 | 2.97 | 0.19 | 0.53 | 42.1 | 10.9 | 21.9 | 59 | 129 | 28.7 | 98 | 337 | 73 | 64 | 15.2 |
| | 1943..... | 42 | 2.4 | .33 | .78 | 5.1 | .43 | .72 | 2.6 | 1.5 | 2.45 | .23 | .50 | 43.3 | 11.4 | 11.9 | 60 | 124 | 28.7 | 99 | 336 | 72 | 67 | 13.4 |
| | 1942..... | 43 | 2.6 | .40 | .90 | 4.4 | .41 | .62 | 1.9 | 1.4 | .66 | .18 | .40 | 43.3 | 11.5 | 10.8 | 54 | 123 | 28.0 | 93 | 307 | 75 | 66 | 20.3 |
| | January-March: | | | | | | | | | | | | | | | | | | | | | | | |
| | 1944..... | 43 | 2.3 | .23 | .44 | 3.9 | .52 | .74 | 1.3 | 2.6 | 3.58 | .16 | .57 | 42.9 | 11.2 | 37.1 | 75 | 128 | 30.7 | 103 | 361 | 77 | 64 | 16.4 |
| | 1943..... | 44 | 2.3 | .28 | .47 | 4.1 | .49 | .96 | 2.4 | 1.2 | 2.40 | .18 | .48 | 41.6 | 11.8 | 15.4 | 72 | 124 | 29.7 | 103 | 352 | 79 | 67 | 13.7 |
| | 1942..... | 45 | 2.7 | .34 | .75 | 3.4 | .49 | .93 | 1.9 | 1.5 | .62 | .23 | .39 | 43.3 | 11.9 | 15.3 | 68 | 124 | 28.8 | 99 | 328 | 76 | 67 | 22.6 |
| | April-June: | | | | | | | | | | | | | | | | | | | | | | | |
| | 1944..... | 41 | 2.2 | .28 | 1.09 | 6.1 | .42 | .38 | 1.2 | 2.5 | 2.35 | .22 | .50 | 41.2 | 10.6 | 6.8 | 42 | 129 | 28.7 | 93 | 313 | 69 | 64 | 14.0 |
| 1943..... | 39 | 2.4 | .37 | 1.09 | 6.1 | .36 | .49 | 2.8 | 1.8 | 2.50 | .28 | .51 | 44.9 | 11.0 | 8.3 | 48 | 125 | 27.7 | 96 | 321 | 70 | 68 | 13.1 | |
| 1942..... | 41 | 2.5 | .46 | 1.05 | 5.4 | .33 | .30 | 1.8 | 1.3 | .71 | .14 | .41 | 44.2 | 11.2 | 6.5 | 40 | 122 | 26.1 | 87 | 286 | 70 | 66 | 13.1 | |
| Industrial policy-holders: ² | | | | | | | | | | | | | | | | | | | | | | | | |
| | Births (exclusive of stillbirths) per 1,000 population (annual basis) | | | | | | | | | | | | | | | | | | | | | | | |
| | January-June: | | | | | | | | | | | | | | | | | | | | | | | |
| | 1944..... | | | .3 | | 3.5 | .5 | .7 | .5 | 1.3 | | | 43.2 | 9.9 | 14.8 | 44 | 110 | 30.8 | 71 | 250 | 50 | 54 | 14.2 | |
| | 1943..... | | | .2 | | 3.3 | .4 | .7 | 1.4 | .9 | | | 41.5 | 10.4 | 7.7 | 45 | 108 | 30.1 | 70 | 249 | 54 | 49 | 11.6 | |
| | 1942..... | | | .3 | | 3.3 | .5 | .5 | 1.0 | .7 | | | 43.4 | 11.2 | 5.7 | 35 | 104 | 30.0 | 62 | 227 | 53 | 51 | 13.3 | |
| | Alaska: | | | | | | | | | | | | | | | | | | | | | | | |
| | 1944..... | 120 | (6) | (6) | (6) | 5.1 | (6) | 2.6 | 71.7 | 41.0 | 2.6 | (6) | (6) | 404.9 | 2.6 | 68.6 | 187 | 72 | 12.8 | 95 | 223 | 26 | 372 | 20.5 |
| | 1943..... | 118 | (6) | (6) | (6) | 2.6 | 2.6 | 67.7 | 23.4 | 23.4 | 2.6 | (6) | (6) | 383.0 | 13.0 | 62.5 | 229 | 107 | 10.7 | 91 | 220 | 29 | 347 | 13.0 |
| | 1942..... | 121 | 1.0 | (6) | (6) | 7.9 | (6) | 2.6 | 15.9 | 6.3 | 6.3 | (6) | (6) | 341.8 | 6.3 | 18.5 | 135 | 80 | 7.9 | 66 | 217 | 40 | 264 | 10.6 |
| | 1944..... | | | | | | | | | | | | | 44.6 | 40.6 | (6) | 20 | 81 | 24.3 | 45 | 97 | 28 | 235 | 28.4 |
| | 1943..... | 37 | 7.5 | (6) | (6) | 4.1 | (6) | (6) | (6) | (6) | (6) | (6) | (6) | 46.7 | 27.2 | (6) | 16 | 47 | 19.5 | 43 | 109 | 47 | 406 | 54.5 |

Continued

| State and period | Rate per 1,000 live births | | Death rate per 100,000 population (annual basis) | | | | | | | | | | | | | | | | | | | |
|------------------|----------------------------|--------------------|--|----------------|--|-------------------|-----------------|--------------------|--------------|--|--|---|---------------------------------|---------------|-------------------------|--------------------------------|---------------------------|------------------------|--|-------------------------------|--------------------------------|---|
| | Total infant mortality | Maternal mortality | Typhoid and paratyphoid fever (1-2) | Dysentery (27) | Diarrhea and enteritis under 2 years (119) | Scarlet fever (8) | Diphtheria (10) | Whooping cough (9) | Measles (35) | Cerebrospinal (meningococcus) meningitis (6) | Acute poliomyelitis and polioencephalitis (36) | Acute infectious encephalitis (lethal) (37) | Tuberculosis, all forms (13-22) | Syphilis (30) | Influenza (grippe) (33) | Pneumonia, all forms (107-109) | Cancer, all forms (45-65) | Diabetes mellitus (61) | Intracranial lesions of vascular origin (83) | Diseases of the heart (90-95) | Nephritis, all forms (130-132) | All accidents, including automobile accidents (169-196) |
| Kentucky | 19 | 2.0 | .5 | 1.4 | 4.2 | 3 | 9 | 3.5 | 3.6 | 3.4 | .7 | .7 | 64.9 | 9.5 | 42.0 | 72 | 87 | 18.2 | 101 | 268 | 69 | 60 |
| | 50 | 2.1 | .9 | 4.8 | 5.3 | 4 | 7 | 4.3 | 6.6 | 3.5 | .4 | .5 | 63.7 | 9.5 | 24.3 | 75 | 82 | 13.3 | 98 | 265 | 76 | 54 |
| | 57 | 3.5 | 1.0 | 2.2 | 3.9 | 1.0 | 1.4 | 4.3 | 1.5 | 1.0 | .6 | .2 | 68.3 | 9.8 | 23.1 | 73 | 87 | 13.8 | 94 | 245 | 83 | 71 |
| Louisiana | 53 | 3.0 | 1.0 | 1.6 | 7.2 | 2 | 1.8 | 1.9 | 4.1 | 2.2 | .6 | .1 | 47.7 | 20.3 | 29.8 | 52 | 89 | 16.0 | 73 | 247 | 70 | 67 |
| | 49 | 3.1 | .8 | 1.9 | 6.1 | 2 | 1.6 | 4.3 | 1.0 | 1.3 | .5 | .2 | 63.6 | 15.1 | 15.1 | 57 | 81 | 16.0 | 73 | 238 | 68 | 64 |
| | 58 | 3.4 | 1.4 | 1.6 | 7.9 | 1 | 1.5 | 2.4 | 1.9 | .8 | .5 | .2 | 50.6 | 22.7 | 16.5 | 54 | 84 | 16.9 | 66 | 250 | 66 | 53 |
| Maine | 52 | 1.7 | .5 | (6) | 6.2 | 2 | 2 | 1.2 | 2.5 | 3.5 | (6) | .5 | 34.8 | 5.9 | 33.8 | 70 | 160 | 28.9 | 132 | 360 | 95 | 76 |
| | 56 | 2.3 | (6) | (6) | 7.4 | 2 | .5 | 3.9 | 5.1 | 9.1 | .5 | .1 | 35.3 | 9.1 | 22.9 | 83 | 165 | 27.6 | 151 | 432 | 110 | 77 |
| | 44 | 2.0 | .2 | (6) | 5.1 | 7 | 2 | 1.2 | 2.2 | 2.4 | (6) | 1.0 | 32.4 | 7.8 | 14.1 | 66 | 160 | 33.9 | 134 | 360 | 87 | 63 |
| Maryland | 46 | 1.4 | (6) | .2 | 5.1 | 3 | 1.0 | 1.5 | 2.2 | 3.3 | .1 | .3 | 70.9 | 14.8 | 12.7 | 59 | 121 | 32.2 | 84 | 340 | 106 | 67 |
| | 43 | 1.9 | .1 | 5.3 | 5.3 | 2 | .6 | 2.8 | 2.8 | 2.9 | (6) | .6 | 66.6 | 16.8 | 5.5 | 71 | 126 | 31.3 | 94 | 383 | 121 | 73 |
| | 45 | 2.4 | .2 | .2 | 5.5 | 2 | 2 | 1.0 | 1.2 | 2.7 | (6) | .4 | 72.1 | 18.9 | 6.3 | 63 | 125 | 28.3 | 90 | 337 | 114 | 72 |
| Massachusetts | (6) | (6) | .1 | 1 | 2.4 | 4 | 1 | 4 | .6 | 2.7 | .0 | .5 | 44.2 | 6.3 | 8.5 | 81 | 179 | 39.1 | 116 | 481 | 63 | 64 |
| | (6) | (6) | .2 | 1.1 | 5.2 | 3 | 2 | 1.0 | 9 | 3.5 | (6) | .2 | 44.4 | 7.4 | 4.5 | 88 | 170 | 41.3 | 122 | 499 | 71 | 64 |
| | 32 | 2.0 | 1.1 | 1.1 | 2.4 | 3 | 1 | 1.7 | .6 | .8 | (6) | .2 | 38.5 | 6.4 | 2.9 | 63 | 169 | 37.9 | 113 | 414 | 64 | 60 |
| Michigan | 42 | 1.7 | (6) | .4 | 4.4 | 2 | 4 | .6 | 1.8 | 3.2 | .1 | .7 | 35.8 | 10.7 | 13.3 | 56 | 130 | 30.1 | 98 | 334 | 54 | 60 |
| | 41 | 1.9 | .1 | 2.4 | 4.8 | 2 | 3 | 2.2 | 2.3 | 2.7 | .1 | .3 | 36.6 | 10.5 | 8.8 | 62 | 124 | 26.2 | 94 | 344 | 56 | 60 |
| | 41 | 2.2 | 1.1 | .4 | 3.0 | 7 | 3 | .9 | .3 | .3 | .0 | .4 | 33.9 | 10.6 | 4.5 | 49 | 114 | 26.7 | 89 | 296 | 49 | 62 |
| Minnesota | 35 | 1.3 | (6) | .2 | 2.9 | 1.3 | 7 | .6 | 5.1 | 2.2 | (6) | .8 | 29.5 | 4.4 | 20.3 | 68 | 167 | 32.7 | 109 | 342 | 39 | 65 |
| | 32 | 1.5 | (6) | (6) | 1.3 | .5 | 7 | 1.2 | .6 | .7 | .3 | .5 | 31.0 | 7.7 | 7.1 | 55 | 153 | 30.6 | 115 | 321 | 39 | 60 |
| | 33 | 1.6 | .2 | .2 | 2.7 | 3 | 3 | .6 | .8 | .2 | .3 | .5 | 26.6 | 8.7 | 8.2 | 55 | 145 | 26.8 | 99 | 292 | 4 | 65 |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|------|------|----|-----|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------|------|------|----|------|------|-----|-----|-----|------|------|
| Missouri: | 12.4 | 19.2 | 36 | 2.3 | -4 | .5 | 2.2 | -4 | .5 | 2.1 | 3.3 | 4.1 | .2 | .5 | 46.9 | 13.5 | 32.8 | 82 | 146 | 27.4 | 109 | 369 | 109 | 65 | 14.8 |
| 1944 | 12.3 | 19.3 | 37 | 2.3 | -6 | .6 | 2.6 | -6 | 1.5 | 1.8 | 2.6 | 2.0 | .3 | .5 | 47.8 | 13.0 | 33.6 | 88 | 138 | 28.3 | 119 | 383 | 119 | 72 | 15.3 |
| 1943 | 12.1 | 18.9 | 41 | 2.8 | .4 | .5 | 3.3 | .5 | .7 | 1.2 | 2.1 | .5 | | | 46.8 | 14.0 | 32.6 | | 144 | 26.1 | 107 | 323 | 118 | 72 | 20.2 |
| 1942 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Montana: | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1944 | 12.8 | 23.4 | 37 | 1.9 | -4 | (^o) | 5.2 | -4 | 2.6 | 1.3 | 5.7 | .4 | -4 | 1.3 | 41.1 | 17.1 | 20.1 | 68 | 147 | 34.1 | 113 | 377 | 63 | 104 | 17.5 |
| 1943 | 12.1 | 23.5 | 46 | 2.1 | .4 | 2.1 | 5.4 | .8 | 1.8 | 3.7 | 2.1 | .8 | (^o) | 1.2 | 41.6 | 8.7 | 9.6 | 63 | 120 | 20.4 | 95 | 325 | 63 | 137 | 19.6 |
| 1942 | 14.7 | 21.5 | 41 | 2.2 | (^o) | (^o) | 2.3 | 1 | 1.6 | 1.2 | (^o) | 1.2 | (^o) | .8 | 39.1 | 13.3 | 8.2 | 68 | 117 | 13.7 | 106 | 285 | 68 | 80 | 21.5 |
| 1941 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nebraska: | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1944 | 11.0 | 19.5 | 33 | 1.8 | -2 | .5 | 2.3 | 1.2 | .7 | 1.8 | 1.2 | 2.2 | .3 | .3 | 18.4 | 8.3 | 33.8 | 51 | 136 | 30.3 | 114 | 306 | 79 | 78 | 13.6 |
| 1943 | 10.9 | 19.8 | 39 | 1.7 | (^o) | .2 | 1.6 | .8 | .7 | 1.8 | 2.3 | 1.1 | .2 | .3 | 16.6 | 8.7 | 15.4 | 48 | 136 | 33.5 | 104 | 319 | 82 | 62 | 12.9 |
| 1942 | 10.0 | 17.6 | 34 | 2.3 | (^o) | .2 | 1.5 | .3 | .8 | 1.0 | 1.0 | .3 | .2 | .3 | 12.2 | 9.7 | 13.1 | 40 | 136 | 24.2 | 97 | 290 | 69 | 67 | 16.0 |
| 1941 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nevada: | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1944 | 11.6 | 21.3 | 47 | 1.3 | (^o) | 2.7 | (^o) | 1.4 | (^o) | (^o) | 1.4 | (^o) | (^o) | 1.4 | 40.6 | 20.3 | 16.3 | 77 | 89 | 10.0 | 93 | 294 | 57 | 177 | 20.3 |
| 1943 | 12.2 | 21.2 | 52 | 4.0 | (^o) | 1.4 | 5.6 | (^o) | 4.2 | (^o) | 2.8 | 2.8 | (^o) | (^o) | 49.3 | 18.3 | 7.0 | 90 | 136 | 30.5 | 109 | 321 | 48 | 182 | 35.2 |
| 1942 | 12.9 | 17.3 | 55 | 2.3 | 1.5 | 3.0 | 8.9 | 1.5 | (^o) | 10.4 | 1.5 | 3.0 | 1.5 | 3.0 | 62.3 | 10.4 | 5.9 | 63 | 108 | 13.4 | 97 | 332 | 49 | 229 | 74.2 |
| 1941 | | | | | | | | | | | | | | | | | | | | | | | | | |
| New Hampshire: | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1944 | 13.8 | 19.2 | 40 | 1.9 | .5 | (^o) | 1.4 | .9 | (^o) | 1.4 | 2.7 | 2.7 | .9 | (^o) | 24.1 | 9.1 | 29.5 | 79 | 178 | 40.8 | 137 | 480 | 82 | 74 | 13.2 |
| 1943 | | | | | | | | | | | | | | | | | | | | | | | | | |
| New Jersey: | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1944 | 11.7 | 17.1 | 36 | 1.7 | .0 | (^o) | 4.4 | .4 | .2 | .2 | .5 | 3.7 | .5 | .1 | 42.5 | 9.5 | 8.9 | 53 | 153 | 37.6 | 103 | 417 | 74 | 59 | 14.0 |
| 1943 | 12.1 | 19.7 | 35 | 1.8 | .1 | 1 | 4.0 | .4 | .3 | 1.1 | 1.0 | 4.0 | .1 | .5 | 48.5 | 8.1 | 9.0 | 56 | 143 | 39.1 | 105 | 429 | 76 | 64 | 15.1 |
| 1942 | 11.1 | 17.3 | 33 | 2.0 | .1 | .2 | 2.1 | .2 | (^o) | .6 | .3 | .4 | .1 | .6 | 44.5 | 9.4 | 4.1 | 48 | 150 | 38.3 | 93 | 379 | 72 | 63 | 19.1 |
| 1941 | | | | | | | | | | | | | | | | | | | | | | | | | |
| New Mexico: | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1944 | 10.5 | 29.7 | 76 | 4.7 | .8 | 2.6 | 16.9 | .4 | 3.4 | 3.0 | 10.9 | 1.5 | (^o) | .8 | 84.4 | 9.4 | 27.4 | 59 | 12.4 | 54 | 148 | 54 | 94 | 18.4 | |
| 1943 | 10.7 | 29.9 | 81 | 6.4 | .8 | 4.9 | 24.7 | (^o) | 1.1 | 6.4 | 4.9 | 1.1 | .8 | (^o) | 73.6 | 11.7 | 16.2 | 71 | 11.7 | 43 | 132 | 44 | 133 | 21.5 | |
| 1942 | 10.2 | 26.6 | 92 | 2.6 | -8 | 3.0 | 13.7 | (^o) | 2.3 | 11.4 | 11.4 | .4 | .8 | 1.1 | 61.8 | 12.2 | 20.6 | 85 | 53 | 6.9 | 47 | 140 | 52 | 75 | 26.7 |
| 1941 | | | | | | | | | | | | | | | | | | | | | | | | | |
| New York: | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1944 | 12.6 | 17.8 | 34 | 1.9 | .2 | .1 | 2.5 | .2 | .1 | .4 | .6 | 3.6 | .1 | 1.1 | 50.9 | 12.6 | 6.7 | 59 | 177 | 45.1 | 83 | 478 | 62 | 52 | 12.0 |
| 1943 | 13.1 | 20.2 | 34 | 1.9 | .1 | .2 | 3.8 | .3 | .2 | 1.4 | 1.1 | 3.5 | .1 | 1.3 | 61.9 | 14.8 | 4.3 | 61 | 175 | 45.2 | 89 | 491 | 68 | 61 | 11.5 |
| 1942 | 11.7 | 17.5 | 33 | 2.0 | .1 | .2 | 2.8 | .2 | .1 | .9 | 1.2 | 1.0 | .1 | .8 | 60.5 | 15.4 | 2.3 | 46 | 174 | 41.8 | 78 | 426 | 61 | 16.0 | |
| 1941 | | | | | | | | | | | | | | | | | | | | | | | | | |
| North Carolina: | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1944 | 8.5 | 24.5 | 47 | 3.2 | .3 | .8 | 7.3 | .3 | .8 | 4.0 | 2.8 | 1.8 | .5 | .2 | 38.6 | 6.6 | 25.8 | 56 | 63 | 14.2 | 86 | 186 | 82 | 61 | 16.5 |
| 1943 | 8.3 | 26.2 | 48 | 3.5 | .2 | 1.3 | 6.0 | .2 | 1.1 | 2.8 | 6.7 | 1.7 | .2 | .2 | 42.2 | 7.2 | 14.9 | 58 | 64 | 12.6 | 90 | 178 | 81 | 68 | 17.0 |
| 1942 | 8.5 | 23.7 | 54 | 3.8 | .3 | .7 | 4.1 | .3 | .7 | 4.1 | 2.9 | .6 | .1 | .2 | 47.4 | 7.9 | 12.3 | 62 | 59 | 13.8 | 88 | 171 | 84 | 68 | 25.8 |
| 1941 | | | | | | | | | | | | | | | | | | | | | | | | | |
| North Dakota: | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1944 | 11.0 | 26.9 | 44 | 2.8 | (^o) | (^o) | 4.7 | 2.0 | .4 | 1.2 | 13.8 | 2.0 | .8 | .8 | 17.4 | 4.7 | 27.2 | 60 | 122 | 33.9 | 108 | 297 | 55 | 66 | 15.8 |
| 1943 | 8.9 | 26.1 | 33 | 2.6 | 1.1 | (^o) | 7.9 | (^o) | .7 | (^o) | 2.4 | 1.1 | .4 | 1.1 | 19.3 | 4.5 | 7.1 | 47 | 104 | 24.2 | 88 | 253 | 63 | 54 | 9.7 |
| 1942 | 8.1 | 19.5 | 42 | 3.2 | .3 | .7 | 7.9 | (^o) | (^o) | 2.1 | 4.4 | 1.3 | (^o) | 2.1 | 24.5 | 2.1 | 6.6 | 37 | 90 | 19.0 | 80 | 192 | 38 | 43 | 10.7 |
| 1941 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ohio: | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1944 | 12.2 | 17.5 | 43 | 2.1 | .2 | .1 | 4.2 | .7 | .4 | 1.0 | 3.9 | 3.8 | .1 | .6 | 41.8 | 12.5 | 29.2 | 59 | 145 | 34.4 | 137 | 377 | 73 | 71 | 19.3 |
| 1943 | 12.0 | 20.1 | 41 | 2.1 | .3 | .2 | 3.6 | .5 | .6 | 2.0 | 1.1 | 1.3 | .1 | .5 | 41.2 | 13.0 | 15.0 | 62 | 139 | 36.1 | 126 | 365 | 77 | 77 | 16.5 |
| 1942 | 11.3 | 18.1 | 40 | 2.1 | .3 | .2 | 3.2 | .6 | .3 | 2.2 | .8 | 1.2 | .1 | .1 | 41.7 | 11.7 | 11.8 | 55 | 135 | 32.6 | 109 | 333 | 79 | 80 | 27.8 |
| 1941 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Oklahoma: | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1944 | 9.2 | 20.9 | 42 | 2.4 | .3 | 1.3 | 3.3 | .4 | 1.1 | 2.1 | 3.0 | .4 | .7 | .1 | 45.5 | 9.0 | 29.3 | 58 | 93 | 17.1 | 90 | 214 | 53 | 69 | 14.2 |
| 1943 | 8.3 | 18.4 | 52 | 2.7 | .8 | 1.2 | 3.3 | .3 | 1.3 | 4.8 | .4 | 2.5 | .3 | .6 | 43.9 | 10.0 | 19.4 | 53 | 53 | 15.3 | 93 | 195 | 57 | 64 | 12.4 |
| 1942 | 10.7 | 23.5 | 42 | 3.5 | 1.2 | 1.6 | 1.8 | .3 | 3.2 | 2.5 | 8.7 | .5 | .7 | .5 | 55.7 | 7.7 | | 66 | 103 | 10.6 | 98 | 225 | 64 | 85 | 20.4 |
| 1941 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Oregon: | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1944 | 10.4 | 18.6 | 33 | 1.8 | .3 | (^o) | .6 | 1.1 | .3 | .5 | .8 | 2.6 | .8 | (^o) | 25.9 | 10.8 | 18.8 | 51 | 128 | 21.1 | 100 | 297 | 76 | 82 | 18.1 |

See footnotes at end of table.

Provisional mortality from certain causes in the first 8 months of 1944, with comparative data for the corresponding period in preceding years—
Continued

| State and period | Rate per 1,000 live births | | All causes, rate per 1,000 population (annual basis) | Births (exclusive of stillbirths) per 1,000 population (annual basis) | Death rate per 100,000 population (annual basis) | | | | | | | | | | | | | | | | | | | | |
|------------------|----------------------------|--------------------|--|---|--|----------------|--|-------------------|-----------------|--------------------|--------------|--|--|--|---------------------------------|---------------|-------------------------|--------------------------------|---------------------------|------------------------|--|-------------------------------|--------------------------------|---|-----------------------------------|
| | Total infant mortality | Maternal mortality | | | Typhoid and paratyphoid fever (1-2) | Dysentery (27) | Diarrhea and enteritis under 2 years (119) | Scarlet fever (8) | Diphtheria (10) | Whooping cough (9) | Measles (35) | Cerebrospinal (meningococcus) meningitis (6) | Acute poliomyelitis and polioencephalitis (36) | Acute infectious encephalitis (lethargic) (37) | Tuberculosis, all forms (13-22) | Syphilis (30) | Influenza (grippe) (33) | Pneumonia, all forms (107-109) | Cancer, all forms (45-65) | Diabetes mellitus (61) | Intracranial lesions of vascular origin (83) | Diseases of the heart (90-95) | Nephritis, all forms (190-192) | All accidents, including automobile accidents (160-195) | Automobile accidents (170a, b, c) |
| Pennsylvania: | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1944..... | 40 | 1.8 | .1 | .2 | 4.5 | .6 | .2 | .8 | 1.7 | 2.8 | .1 | .0 | 41.3 | 10.1 | 25.3 | 62 | 140 | 37.4 | 102 | 203 | 92 | 51 | 11.2 | 51 | 11.2 |
| 1943..... | 37 | 1.9 | .3 | .3 | 4.0 | .4 | .3 | 2.2 | .9 | 2.2 | .2 | .0 | 41.8 | 11.6 | 10.1 | 58 | 135 | 38.8 | 102 | 202 | 96 | 51 | 11.4 | 51 | 11.4 |
| 1942..... | 39 | 1.9 | .3 | .1 | 3.8 | .4 | .1 | 1.5 | .8 | .8 | .1 | .3 | 40.4 | 11.2 | 8.2 | 48 | 129 | 35.4 | 92 | 204 | 16 | 51 | 16.8 | 51 | 16.8 |
| Rhode Island: | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1944..... | 43 | 2.1 | .3 | (6) | 6.7 | .3 | .3 | .8 | 1.9 | 3.2 | (6) | .8 | 39.9 | 8.5 | 7.5 | 72 | 146 | 43.7 | 99 | 437 | 81 | 66 | 7.5 | 66 | 7.5 |
| 1943..... | 47 | 2.1 | (3) | (3) | 7.0 | .5 | .3 | 1.1 | .8 | 10.2 | (5) | 1.3 | 38.5 | 10.2 | 5.4 | 73 | 155 | 50.8 | 96 | 453 | 106 | 66 | 9.4 | 66 | 9.4 |
| 1942..... | 43 | 2.2 | .3 | (6) | 11.2 | .3 | .5 | .8 | .8 | .3 | (6) | .3 | 35.4 | 10.6 | 3.0 | 60 | 138 | 38.9 | 105 | 375 | 94 | 57 | 12.0 | 57 | 12.0 |
| South Carolina: | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1944..... | 53 | 3.4 | .5 | 1.3 | 3.3 | (6) | .7 | 3.5 | 3.3 | 1.4 | .2 | .3 | 29.1 | 11.8 | 24.7 | 50 | 50 | 13.9 | 76 | 149 | 72 | 65 | 16.5 | 65 | 16.5 |
| 1943..... | 50 | 3.4 | .4 | 2.1 | 3.7 | (6) | 1.6 | 2.5 | .6 | 2.3 | .5 | .2 | 34.6 | 12.3 | 17.2 | 52 | 44 | 11.0 | 90 | 142 | 81 | 68 | 9.4 | 68 | 9.4 |
| 1942..... | 63 | 3.9 | 1.8 | 1.4 | 2.9 | .1 | 1.8 | 3.1 | 3.2 | .3 | .1 | (2) | 27.3 | 12.3 | 20.1 | 65 | 53 | 12.8 | 90 | 171 | 98 | 68 | 20.6 | 68 | 20.6 |
| South Dakota: | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1944..... | 36 | 1.6 | .4 | (6) | 1.8 | .7 | 1.8 | 1.8 | 5.0 | 1.4 | (6) | .4 | 35.1 | 5.3 | 20.9 | 58 | 110 | 19.8 | 88 | 273 | 45 | 78 | 15.2 | 78 | 15.2 |
| 1943..... | 34 | 1.1 | .3 | (3) | 2.4 | 1.4 | 1.7 | 2.1 | 7.7 | 1.7 | (6) | .7 | 30.8 | 3.6 | 11.5 | 57 | 109 | 22.4 | 11.0 | 90 | 142 | 55 | 9.1 | 55 | 9.1 |
| 1942..... | 41 | 2.2 | .7 | (6) | 2.4 | .3 | 3.4 | 7.9 | 1.4 | 1.4 | (6) | (6) | 28.9 | 6.9 | 7.9 | 56 | 106 | 18.9 | 94 | 231 | 57 | 67 | 17.5 | 67 | 17.5 |
| Tennessee: | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1944..... | 46 | 3.2 | 1 | .8 | 6.1 | .3 | .9 | 1.6 | 3.9 | 3.9 | .2 | .3 | 65.0 | 12.7 | 35.1 | 63 | 83 | 11.6 | 91 | 200 | 60 | 63 | 14.6 | 63 | 14.6 |
| 1943..... | 45 | 3.2 | .7 | 1.0 | 4.5 | .2 | .8 | 6.9 | 2.2 | 2.0 | .5 | .5 | 67.4 | 12.3 | 23.9 | 60 | 81 | 13.0 | 89 | 191 | 62 | 67 | 14.3 | 67 | 14.3 |
| 1942..... | 55 | 3.1 | .3 | 1.0 | 3.6 | .7 | .5 | 2.3 | 1.9 | .5 | .6 | .5 | 73.8 | 12.1 | 24.5 | 69 | 76 | 13.4 | 96 | 189 | 63 | 62 | 17.8 | 62 | 17.8 |
| Texas: | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1944..... | 56 | 3.4 | .7 | 5.1 | 18.8 | .3 | 1.6 | 1.3 | 4.4 | 1.9 | .4 | .1 | 45.7 | 12.0 | 28.9 | 50 | 78 | 14.5 | 67 | 103 | 54 | 74 | 15.7 | 74 | 15.7 |
| 1943..... | 56 | 3.4 | .8 | 4.6 | 18.6 | .2 | 2.1 | 6.0 | .8 | 1.0 | 1.1 | .3 | 47.5 | 12.6 | 13.4 | 43 | 78 | 13.0 | 69 | 197 | 61 | 77 | 16.5 | 77 | 16.5 |
| 1942..... | 56 | 3.4 | 1.1 | (6) | 15.7 | .4 | 1.8 | 2.5 | 2.8 | .7 | .4 | .3 | 55.6 | (6) | 18.0 | 49 | 77 | 13.4 | 63 | 106 | 61 | 77 | 21.2 | 77 | 21.2 |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------|------|------|----|-----|------------------|------------------|-----|------------------|------------------|-----|------------------|------------------|------------------|------------------|------|------|------|----|-----|------|-----|-----|----|----|------|
| Utah: | 7.8 | 25.5 | 32 | 1.6 | .3 | (¹) | 2.4 | 3.6 | (¹) | .9 | .3 | 2.4 | (¹) | .9 | 10.7 | 3.3 | 13.1 | 39 | 82 | 14.3 | 53 | 238 | 39 | 73 | 17.6 |
| 1943 | 8.4 | 28.1 | 34 | 1.5 | (¹) | (¹) | 1.6 | (¹) | 1.0 | 4.1 | 4.1 | 3.2 | 1.0 | (¹) | 11.5 | 4.8 | 8.3 | 45 | 82 | 20.4 | 57 | 258 | 55 | 74 | 15.6 |
| 1942 | 8.6 | 25.9 | 36 | 1.6 | .3 | .7 | 2.4 | 1.0 | .3 | 1.7 | (¹) | (¹) | (¹) | .3 | 12.6 | 5.2 | 10.8 | 37 | 93 | 14.0 | 59 | 261 | 56 | 77 | 25.5 |
| Vermont: | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1944 | 12.7 | 20.1 | 44 | 1.3 | (¹) | (¹) | .6 | (¹) | 1.3 | 7.0 | 1.9 | 1.9 | (¹) | .6 | 28.7 | 8.3 | 40.1 | 64 | 151 | 28.7 | 146 | 457 | 80 | 48 | 5.1 |
| 1943 | 13.6 | 20.5 | 44 | 2.1 | (¹) | (¹) | 3.1 | (¹) | 3.1 | 8.6 | .6 | .6 | (¹) | (¹) | 33.3 | 7.4 | 24.6 | 81 | 147 | 35.7 | 126 | 403 | 76 | 66 | 8.6 |
| 1942 | 12.1 | 19.2 | 47 | 2.2 | .6 | .6 | 4.7 | .6 | 3.5 | .6 | (¹) | (¹) | (¹) | (¹) | 33.6 | 4.7 | 10.0 | 58 | 145 | 30.7 | 127 | 391 | 84 | 52 | 11.8 |
| Virginia: | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1944 | 9.5 | 19.1 | 52 | 2.9 | .1 | 1.4 | 5.0 | .3 | 4.3 | 3.2 | 3.9 | .1 | .1 | .5 | 43.4 | 11.6 | 29.6 | 53 | 76 | 17.8 | 99 | 239 | 80 | 70 | 16.5 |
| 1943 | 9.4 | 20.7 | 52 | 3.4 | .2 | 1.0 | 3.5 | .4 | 1.0 | 3.3 | .7 | 4.7 | .1 | .5 | 46.1 | 12.7 | 14.5 | 61 | 73 | 16.6 | 97 | 227 | 83 | 70 | 15.6 |
| 1942 | 9.7 | 19.0 | 59 | 3.2 | .5 | 1.6 | 4.4 | .4 | 1.0 | 3.9 | .9 | 1.7 | .2 | .5 | 54.0 | 14.9 | 14.9 | 64 | 77 | 17.5 | 99 | 230 | 79 | 70 | 22.7 |
| Wisconsin: | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1944 | 11.3 | 20.0 | 36 | 2.1 | (¹) | .1 | 2.6 | 1.0 | .3 | 1.0 | 2.5 | 2.5 | .1 | 1.6 | 28.1 | 7.5 | 21.2 | 56 | 154 | 33.1 | 114 | 355 | 67 | 63 | 18.5 |
| 1943 | 11.1 | 21.2 | 37 | 2.4 | .3 | .3 | 3.2 | .7 | .3 | 1.6 | 1.4 | 1.1 | .1 | .7 | 23.9 | 6.2 | 10.4 | 52 | 147 | 33.7 | 114 | 341 | 66 | 63 | 11.1 |
| 1942 | 9.8 | 18.3 | 35 | 2.0 | .1 | (¹) | 2.1 | 1.0 | .1 | 1.0 | .5 | .2 | .1 | .5 | 23.1 | 5.6 | 7.0 | 42 | 135 | 27.3 | 99 | 311 | 53 | 58 | 19.8 |
| Wyoming: | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1944 | 9.1 | 20.5 | 36 | .8 | (¹) | .8 | .8 | 1.6 | 2.4 | 1.6 | 7.9 | 2.4 | (¹) | (¹) | 13.4 | 23.6 | 17.3 | 41 | 93 | 27.5 | 71 | 253 | 75 | 97 | 14.2 |
| 1943 | 9.0 | 20.7 | 38 | 1.9 | .8 | (¹) | .8 | .8 | (¹) | .8 | 4.0 | 1.6 | 3.2 | 3.2 | 17.4 | 11.1 | 13.5 | 53 | 86 | 18.2 | 59 | 245 | 79 | 94 | 11.9 |
| 1942 | 8.8 | 19.8 | 49 | 3.6 | (¹) | (¹) | .8 | 1.6 | .8 | 2.4 | 2.4 | .8 | (¹) | (¹) | 10.8 | 8.8 | 16.8 | 46 | 82 | 18.0 | 60 | 237 | 62 | 97 | 29.7 |

¹ Estimated population Apr. 1, 1944, 110,905,200. Includes all of the States listed below except New Hampshire, Oregon, and Rhode Island. The District of Columbia is included as a State.

² These data are taken from the July 1944 Statistical Bulletin published by the Metropolitan Life Insurance Co. The rates for 1944 are subject to correction as they are based on provisional estimates of lives exposed to risk. Data do not include all diseases reported to the Public Health Service.

³ Classified as diarrhea and enteritis, age not specified.

⁴ International List (1940) titles 92, 93c, d, e, and 98 only.

⁵ Chronic hepatitis only.

⁶ No deaths reported.

⁷ Data not available.

INCIDENCE OF HOSPITALIZATION, DECEMBER 1944

Through the cooperation of the Hospital Service Plan Commission of the American Hospital Association, data on hospital admissions among members of Blue Cross Hospital Service Plans are presented monthly. These plans provide prepaid hospital service. The data cover hospital service plans scattered throughout the country, mostly in large cities.

| Item | December | |
|--|--------------|--------------|
| | 1943 | 1944 |
| 1. Number of plans supplying data..... | 58 | 77 |
| 2. Number of persons eligible for hospital care..... | 10, 175, 351 | 15, 454, 382 |
| 3. Number of persons admitted for hospital care..... | 78, 675 | 111, 530 |
| 4. Incidence per 1,000 persons, annual rate, during current month (daily rate × 365)..... | 89.4 | 84.7 |
| 5. Incidence per 1,000 persons, annual rate for the 12 months ended December 31..... | 104.8 | 103.5 |

DEATHS DURING WEEK ENDED JANUARY 13, 1945

[From the Weekly Mortality Index, issued by the Bureau of the Census, Department of Commerce]

| | Week ended Jan. 13, 1945 | Correspond- ing week, 1944 |
|--|-----------------------------|----------------------------------|
| Data for 93 large cities of the United States: | | |
| Total deaths..... | 9, 912 | 11, 659 |
| Average for 3 prior years..... | 10, 641 | ----- |
| Total deaths, first 2 weeks of year..... | 19, 698 | 25, 135 |
| Deaths under 1 year of age..... | 661 | 683 |
| Average for 3 prior years..... | 676 | ----- |
| Deaths under 1 year of age, first 2 weeks of year..... | 1, 253 | 1, 401 |
| Data from industrial insurance companies: | | |
| Policies in force..... | 66, 911, 969 | 66, 235, 604 |
| Number of death claims..... | 14, 735 | 16, 383 |
| Death claims per 1,000 policies in force, annual rate..... | 11.5 | 12.9 |
| Death claims per 1,000 policies, first 2 weeks of year, annual rate..... | 9.9 | 11.9 |

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

REPORTS FROM STATES FOR WEEK ENDED JANUARY 20, 1945

Summary

The number of meningococcus meningitis cases reported for the current week (222) is below the corresponding figures for 1944 and 1943 (521 and 356, respectively) but above the figure for the corresponding week of any other year since 1930. Only 4 States reported currently more than 12 cases each, viz, New York (27), Missouri (18), and Illinois and California 16 each. The total for the first 3 weeks of the year is 711, as compared with 1,746 and 943 for the corresponding periods of 1944 and 1943, respectively, and 165 for the 5-year (1940-44) median.

A total of 27 cases of poliomyelitis was reported, as compared with 32 last week and 28 for the 5-year median. To date this year, 111 cases have been reported, as compared with 90 for the corresponding period last year and a 5-year median of 103.

Of the current total of 3,993 cases of influenza, as compared with 4,132 last week and a 5-year median of 12,568, Texas reported 2,094, South Carolina 775, and Virginia 278. Last week these States reported 3,098 cases.

A total of 2,876 cases of dysentery has been reported during the first 3 weeks of the year, as compared with 1,050 for the same period last year. Of this total, 2,429 cases occurred in Texas, 140 in Virginia, and 97 in Arizona. Last year, for the same period, the same States reported 709, 85, and 67 cases, respectively.

The total of 1,093 cases of diphtheria reported for the first 3 weeks of the year is slightly above the 5-year median, and approximately 43 percent above last year's corresponding figure. The total of 13,849 cases of scarlet fever, as compared with a 5-year median of 10,749, is more than reported for the first 3 weeks of any of the past 6 years. A cumulative total of 243 cases of typhus fever has been reported, as compared with 156 for the first 3 weeks of last year; and 118 cases of tularemia as compared with 42 last year.

Deaths recorded in 93 large cities of the United States totaled 9,654, as compared with 9,912 last week, a 3-year (1942-44) average of 10,036, and 10,461 for the corresponding week last year. The cumulative total is 29,352, as compared with 35,596 for the same period last year.

Telegraphic morbidity reports from State health officers for the week ended Jan. 20, 1945, and comparison with corresponding week of 1944 and 5-year median

In these tables a zero indicates a definite report, while leaders imply that, although none was reported, cases may have occurred.

| Division and State | Diphtheria | | | Influenza | | | Measles | | | Meningitis, meningococcus | | |
|--------------------------------|---------------------|---------------------|-------------------|---------------------|---------------------|-------------------|---------------------|---------------------|-------------------|------------------------------|---------------------|-------------------|
| | Week ended— | | Median 1940-44 | Week ended— | | Median 1940-44 | Week ended— | | Median 1940-44 | Week ended— | | Median 1940-44 |
| | Jan. 20, 1945 | Jan. 22, 1944 | | Jan. 20, 1945 | Jan. 22, 1944 | | Jan. 20, 1945 | Jan. 22, 1944 | | Jan. 20, 1945 | Jan. 22, 1944 | |
| NEW ENGLAND | | | | | | | | | | | | |
| Maine..... | 0 | 2 | 0 | ----- | 21 | 21 | 6 | 126 | 105 | 2 | 4 | 1 |
| New Hampshire..... | 0 | 0 | 0 | ----- | 12 | ----- | 0 | 6 | 7 | 0 | 0 | 0 |
| Vermont..... | 0 | 0 | 0 | ----- | 221 | ----- | 2 | 28 | 28 | 0 | 0 | 0 |
| Massachusetts..... | 3 | 5 | 3 | ----- | ----- | ----- | 43 | 409 | 364 | 2 | 23 | 1 |
| Rhode Island..... | 0 | 0 | 0 | ----- | 31 | 1 | 0 | 189 | 88 | 1 | 10 | 0 |
| Connecticut..... | 2 | 2 | 2 | 3 | 43 | 8 | 46 | 65 | 121 | 2 | 15 | 0 |
| MIDDLE ATLANTIC | | | | | | | | | | | | |
| New York..... | 12 | 17 | 20 | 13 | 115 | 119 | 118 | 719 | 719 | 27 | 68 | 6 |
| New Jersey..... | 5 | 3 | 9 | 2 | 38 | 25 | 15 | 659 | 478 | 6 | 12 | 3 |
| Pennsylvania..... | 6 | 10 | 17 | 4 | 27 | ----- | 52 | 1,107 | 1,214 | 12 | 41 | 3 |
| EAST NORTH CENTRAL | | | | | | | | | | | | |
| Ohio..... | 11 | 7 | 8 | 8 | 475 | 29 | 5 | 1,525 | 96 | 5 | 31 | 2 |
| Indiana..... | 4 | 12 | 11 | 13 | 67 | 58 | 23 | 350 | 67 | 7 | 15 | 1 |
| Illinois..... | 1 | 13 | 22 | 5 | 267 | 34 | 51 | 494 | 177 | 16 | 26 | 2 |
| Michigan ¹ | 19 | 14 | 12 | 1 | 55 | 6 | 31 | 1,011 | 465 | 5 | 27 | 0 |
| Wisconsin..... | 3 | 1 | 1 | 8 | 848 | 101 | 23 | 760 | 421 | 3 | 8 | 1 |
| WEST NORTH CENTRAL | | | | | | | | | | | | |
| Minnesota..... | 11 | 1 | 1 | ----- | 5 | 2 | 16 | 677 | 206 | 2 | 5 | 2 |
| Iowa..... | 3 | 2 | 3 | ----- | 5,112 | 15 | 39 | 131 | 95 | 1 | 3 | 0 |
| Missouri..... | 4 | 2 | 8 | 4 | 17 | 17 | 8 | 80 | 45 | 18 | 12 | 1 |
| North Dakota..... | 3 | 0 | 1 | 3 | 105 | 105 | 2 | 310 | 19 | 0 | 1 | 1 |
| South Dakota..... | 0 | 2 | 2 | ----- | 21 | 1 | 7 | 166 | 11 | 0 | 1 | 0 |
| Nebraska..... | 1 | 2 | 1 | 4 | 84 | 51 | 4 | 10 | 20 | 3 | 1 | 0 |
| Kansas..... | 2 | 3 | 3 | 2 | 244 | 125 | 12 | 130 | 166 | 5 | 6 | 1 |
| SOUTH ATLANTIC | | | | | | | | | | | | |
| Delaware..... | 0 | 3 | 1 | ----- | ----- | ----- | 6 | 11 | 7 | 1 | 1 | 0 |
| Maryland ¹ | 12 | 5 | 5 | 14 | 55 | 55 | 15 | 153 | 19 | 4 | 14 | 2 |
| District of Columbia..... | 0 | 2 | 2 | 2 | 44 | 9 | 2 | 36 | 17 | 2 | 4 | 1 |
| Virginia..... | 5 | 4 | 9 | 278 | 3,819 | 1,128 | 24 | 230 | 194 | 8 | 17 | 4 |
| West Virginia..... | 4 | 3 | 6 | 8 | 1,440 | 40 | 18 | 243 | 58 | 3 | 4 | 3 |
| North Carolina..... | 12 | 8 | 19 | ----- | 214 | 214 | 14 | 316 | 169 | 7 | 9 | 2 |
| South Carolina..... | 4 | 10 | 7 | 775 | 3,799 | 2,825 | 4 | 171 | 70 | 1 | 7 | 1 |
| Georgia..... | 7 | 1 | 10 | 59 | 767 | 767 | 4 | 207 | 64 | 6 | 11 | 1 |
| Florida..... | 7 | 3 | 7 | 4 | 71 | 59 | 26 | 106 | 12 | 5 | 10 | 1 |
| EAST SOUTH CENTRAL | | | | | | | | | | | | |
| Kentucky..... | 7 | 2 | 6 | 3 | 879 | 29 | 5 | 25 | 38 | 5 | 10 | 1 |
| Tennessee..... | 6 | 5 | 9 | 57 | 845 | 185 | 48 | 182 | 49 | 4 | 20 | 3 |
| Alabama..... | 6 | 11 | 10 | 175 | 2,452 | 1,085 | 21 | 212 | 72 | 8 | 10 | 2 |
| Mississippi ¹ | 5 | 4 | 6 | ----- | ----- | ----- | ----- | ----- | ----- | 6 | 3 | 2 |
| WEST SOUTH CENTRAL | | | | | | | | | | | | |
| Arkansas..... | 11 | 3 | 10 | 143 | 1,345 | 1,345 | 12 | 52 | 61 | 4 | 1 | 0 |
| Louisiana..... | 6 | 4 | 7 | 3 | 5,603 | 21 | 11 | 18 | 18 | 4 | 5 | 2 |
| Oklahoma..... | 8 | 9 | 9 | 126 | 2,061 | 422 | 19 | 36 | 1 | 3 | 10 | 0 |
| Texas..... | 71 | 44 | 44 | 2,094 | 10,060 | 1,661 | 111 | 371 | 261 | 11 | 30 | 9 |
| MOUNTAIN | | | | | | | | | | | | |
| Montana..... | 1 | 0 | 1 | 35 | 484 | 9 | 2 | 297 | 54 | 0 | 0 | 0 |
| Idaho..... | 0 | 0 | 0 | 2 | 80 | ----- | 4 | 3 | 4 | 0 | 1 | 0 |
| Wyoming..... | 0 | 1 | 1 | ----- | 182 | 70 | 3 | 75 | 10 | 0 | 2 | 0 |
| Colorado..... | 0 | 1 | 9 | 11 | 788 | 77 | 15 | 168 | 158 | 1 | 2 | 0 |
| New Mexico..... | 4 | 3 | 3 | 6 | 20 | 20 | 10 | 2 | 16 | 1 | 0 | 0 |
| Arizona..... | 4 | 2 | 2 | 97 | 486 | 230 | 8 | 91 | 64 | 2 | 0 | 0 |
| Utah ¹ | 0 | 0 | 0 | 4 | 1,945 | 105 | 32 | 10 | 38 | 0 | 2 | 0 |
| Nevada..... | 0 | 0 | 0 | ----- | 82 | ----- | 1 | 1 | 0 | 1 | 0 | 0 |
| PACIFIC | | | | | | | | | | | | |
| Washington..... | 2 | 2 | 2 | 1 | 134 | 12 | 50 | 140 | 140 | 2 | 4 | 2 |
| Oregon..... | 10 | 1 | 1 | 12 | 396 | 190 | 72 | 71 | 116 | 0 | 4 | 0 |
| California..... | 32 | 18 | 18 | 24 | 1,434 | 295 | 387 | 273 | 246 | 16 | 31 | 7 |
| Total..... | 314 | 247 | 344 | 3,993 | 47,143 | 12,568 | 1,427 | 12,452 | 9,234 | 222 | 521 | 53 |
| 3 weeks..... | 1,053 | 765 | 1,014 | 12,712 | 239,498 | 34,714 | 3,861 | 34,448 | 25,839 | 711 | 1,746 | 165 |

¹ New York City only.² Period ended earlier than Saturday.

Telegraphic morbidity reports from State health officers for the week ended Jan. 20, 1945, and comparison with corresponding week of 1944 and 5-year median—Con.

| Division and State | Pollomyelitis | | | Scarlet fever | | | Smallpox | | | Typhoid and para-typhoid fever ¹ | | |
|--------------------------------|---------------|---------------|-----------------|---------------|---------------|-----------------|---------------|---------------|-----------------|---|---------------|-----------------|
| | Week ended— | | Med-ian 1940-44 | Week ended— | | Med-ian 1940-44 | Week ended— | | Med-ian 1940-44 | Week ended— | | Med-ian 1940-44 |
| | Jan. 20, 1945 | Jan. 22, 1944 | | Jan. 20, 1945 | Jan. 22, 1944 | | Jan. 20, 1945 | Jan. 22, 1944 | | Jan. 20, 1945 | Jan. 22, 1944 | |
| NEW ENGLAND | | | | | | | | | | | | |
| Maine..... | 1 | 0 | 0 | 58 | 38 | 9 | 0 | 0 | 0 | 1 | 0 | 0 |
| New Hampshire..... | 0 | 0 | 0 | 15 | 22 | 9 | 0 | 0 | 0 | 0 | 0 | 0 |
| Vermont..... | 1 | 0 | 0 | 1 | 10 | 7 | 0 | 0 | 0 | 0 | 0 | 0 |
| Massachusetts..... | 0 | 0 | 0 | 328 | 287 | 287 | 0 | 0 | 0 | 0 | 1 | 1 |
| Rhode Island..... | 0 | 0 | 0 | 15 | 12 | 12 | 0 | 0 | 0 | 0 | 0 | 0 |
| Connecticut..... | 0 | 1 | 0 | 63 | 94 | 78 | 0 | 0 | 0 | 0 | 0 | 1 |
| MIDDLE ATLANTIC | | | | | | | | | | | | |
| New York..... | 5 | 1 | 1 | 576 | 385 | 385 | 0 | 0 | 0 | 2 | 2 | 6 |
| New Jersey..... | 0 | 1 | 1 | 107 | 116 | 116 | 0 | 0 | 0 | 3 | 0 | 0 |
| Pennsylvania..... | 0 | 0 | 1 | 331 | 302 | 285 | 0 | 0 | 0 | 4 | 3 | 6 |
| EAST NORTH CENTRAL | | | | | | | | | | | | |
| Ohio..... | 0 | 0 | 1 | 237 | 417 | 311 | 0 | 2 | 0 | 1 | 3 | 2 |
| Indiana..... | 0 | 1 | 1 | 132 | 115 | 115 | 1 | 2 | 3 | 2 | 9 | 1 |
| Illinois..... | 3 | 0 | 1 | 334 | 242 | 265 | 0 | 1 | 1 | 0 | 1 | 2 |
| Michigan ² | 0 | 0 | 0 | 236 | 169 | 195 | 0 | 0 | 0 | 0 | 5 | 2 |
| Wisconsin..... | 1 | 1 | 1 | 175 | 210 | 166 | 0 | 0 | 0 | 0 | 0 | 0 |
| WEST NORTH CENTRAL | | | | | | | | | | | | |
| Minnesota..... | 1 | 0 | 0 | 95 | 166 | 106 | 0 | 0 | 2 | 0 | 0 | 0 |
| Iowa..... | 0 | 0 | 0 | 106 | 147 | 63 | 0 | 1 | 1 | 0 | 1 | 1 |
| Missouri..... | 1 | 0 | 1 | 121 | 82 | 82 | 0 | 1 | 1 | 1 | 1 | 1 |
| North Dakota..... | 0 | 0 | 0 | 36 | 36 | 11 | 0 | 0 | 0 | 0 | 1 | 1 |
| South Dakota..... | 1 | 0 | 0 | 33 | 31 | 23 | 0 | 0 | 0 | 1 | 0 | 0 |
| Nebraska..... | 0 | 1 | 0 | 60 | 49 | 31 | 0 | 2 | 1 | 0 | 0 | 0 |
| Kansas..... | 0 | 0 | 0 | 142 | 112 | 89 | 0 | 1 | 1 | 0 | 0 | 0 |
| SOUTH ATLANTIC | | | | | | | | | | | | |
| Delaware..... | 0 | 0 | 0 | 12 | 0 | 18 | 0 | 0 | 0 | 0 | 0 | 0 |
| Maryland ² | 1 | 0 | 0 | 142 | 95 | 63 | 0 | 0 | 0 | 1 | 0 | 1 |
| District of Columbia..... | 0 | 0 | 0 | 59 | 50 | 21 | 0 | 0 | 0 | 0 | 0 | 0 |
| Virginia..... | 0 | 0 | 0 | 86 | 43 | 43 | 0 | 0 | 0 | 1 | 1 | 3 |
| West Virginia..... | 0 | 0 | 0 | 65 | 64 | 60 | 0 | 0 | 0 | 5 | 0 | 1 |
| North Carolina..... | 1 | 0 | 1 | 72 | 51 | 61 | 1 | 0 | 0 | 0 | 0 | 0 |
| South Carolina..... | 0 | 0 | 0 | 7 | 11 | 14 | 0 | 0 | 0 | 1 | 0 | 1 |
| Georgia..... | 1 | 0 | 0 | 45 | 14 | 24 | 0 | 0 | 0 | 1 | 2 | 2 |
| Florida..... | 0 | 0 | 0 | 5 | 10 | 3 | 0 | 0 | 0 | 2 | 1 | 1 |
| EAST SOUTH CENTRAL | | | | | | | | | | | | |
| Kentucky..... | 0 | 0 | 0 | 50 | 60 | 60 | 0 | 0 | 0 | 0 | 2 | 1 |
| Tennessee..... | 0 | 1 | 1 | 62 | 115 | 92 | 1 | 0 | 0 | 0 | 2 | 2 |
| Alabama..... | 1 | 0 | 0 | 17 | 16 | 23 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mississippi ² | 0 | 1 | 0 | 30 | 8 | 13 | 1 | 1 | 0 | 1 | 0 | 0 |
| WEST SOUTH CENTRAL | | | | | | | | | | | | |
| Arkansas..... | 1 | 0 | 0 | 23 | 3 | 9 | 1 | 0 | 0 | 0 | 0 | 3 |
| Louisiana..... | 0 | 2 | 2 | 15 | 4 | 5 | 0 | 0 | 0 | 2 | 2 | 7 |
| Oklahoma..... | 1 | 0 | 0 | 31 | 77 | 25 | 0 | 0 | 0 | 1 | 3 | 2 |
| Texas..... | 1 | 6 | 4 | 181 | 110 | 82 | 0 | 2 | 1 | 11 | 6 | 6 |
| MOUNTAIN | | | | | | | | | | | | |
| Montana..... | 0 | 0 | 0 | 14 | 31 | 26 | 0 | 0 | 0 | 0 | 0 | 0 |
| Idaho..... | 0 | 0 | 0 | 64 | 29 | 14 | 2 | 0 | 0 | 2 | 0 | 0 |
| Wyoming..... | 0 | 0 | 0 | 7 | 2 | 7 | 0 | 0 | 0 | 0 | 0 | 0 |
| Colorado..... | 0 | 0 | 0 | 82 | 38 | 38 | 0 | 0 | 0 | 1 | 1 | 1 |
| New Mexico..... | 0 | 0 | 0 | 47 | 6 | 6 | 0 | 0 | 0 | 1 | 4 | 1 |
| Arizona..... | 1 | 0 | 0 | 20 | 8 | 8 | 2 | 0 | 0 | 2 | 2 | 0 |
| Utah ² | 0 | 1 | 1 | 45 | 215 | 35 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nevada..... | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PACIFIC | | | | | | | | | | | | |
| Washington..... | 2 | 2 | 1 | 81 | 213 | 38 | 0 | 0 | 0 | 3 | 0 | 0 |
| Oregon..... | 0 | 2 | 0 | 43 | 102 | 19 | 0 | 0 | 1 | 0 | 2 | 2 |
| California..... | 3 | 3 | 1 | 431 | 389 | 154 | 0 | 0 | 0 | 1 | 2 | 2 |
| Total..... | 27 | 24 | 28 | 4,938 | 4,806 | 3,981 | 9 | 13 | 22 | 51 | 57 | 79 |
| 8 weeks..... | 111 | 90 | 103 | 13,849 | 12,130 | 10,749 | 30 | 37 | 103 | 132 | 174 | 241 |

¹ Period ended earlier than Saturday.

² Including paratyphoid fever reported separately as follows: Georgia, 1; Texas, 1; Washington, 2.

Telegraphic morbidity reports from State health officers for the week ended Jan. 20, 1945, and comparison with corresponding week of 1944 and 5-year median—Con.

| Division and State | Whooping cough | | | Week ended Jan. 20, 1945 | | | | | | | |
|--------------------------------|---------------------|---------------------|-------------------|--------------------------|----------------|-----------------------|--|---------------------------------------|----------------|----------------------|-----------------------------|
| | Week ended— | | Median 1940-44 | Dysentery | | | En- ceph- alitis, infec- tious | Rocky Mt. spot- ted fever | Tula- remia | Ty- phus fever | Un- du- lant fever |
| | Jan. 20, 1945 | Jan. 22, 1944 | | Ame- bic | Bacil- lary | Un- speci- fied | | | | | |
| NEW ENGLAND | | | | | | | | | | | |
| Maine..... | 41 | 15 | 52 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| New Hampshire..... | 10 | 2 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| Vermont..... | 47 | 37 | 34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| Massachusetts..... | 91 | 107 | 206 | 0 | 12 | 0 | 2 | 0 | 0 | 0 | 0 |
| Rhode Island..... | 25 | 15 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Connecticut..... | 54 | 14 | 72 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| MIDDLE ATLANTIC | | | | | | | | | | | |
| New York..... | 239 | 195 | 451 | 3 | 10 | 0 | 0 | 0 | 0 | 0 | 6 |
| New Jersey..... | 94 | 51 | 140 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pennsylvania..... | 220 | 102 | 373 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| EAST NORTH CENTRAL | | | | | | | | | | | |
| Ohio..... | 134 | 94 | 208 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indiana..... | 14 | 14 | 18 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| Illinois..... | 100 | 95 | 133 | 0 | 0 | 0 | 0 | 0 | 17 | 0 | 3 |
| Michigan ¹ | 75 | 92 | 349 | 2 | 1 | 0 | 0 | 0 | 1 | 0 | 1 |
| Wisconsin..... | 98 | 84 | 150 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| WEST NORTH CENTRAL | | | | | | | | | | | |
| Minnesota..... | 43 | 35 | 63 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 6 |
| Iowa..... | 10 | 22 | 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Missouri..... | 0 | 4 | 11 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| North Dakota..... | 8 | 3 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| South Dakota..... | 2 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nebraska..... | 1 | 23 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kansas..... | 45 | 29 | 29 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 13 |
| SOUTH ATLANTIC | | | | | | | | | | | |
| Delaware..... | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Maryland ¹ | 60 | 16 | 76 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| District of Columbia..... | 6 | 2 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Virginia..... | 46 | 107 | 89 | 0 | 0 | 29 | 0 | 0 | 0 | 0 | 0 |
| West Virginia..... | 29 | 66 | 59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| North Carolina..... | 135 | 119 | 146 | 0 | 0 | 0 | 0 | 1 | 3 | 10 | 1 |
| South Carolina..... | 82 | 60 | 41 | 0 | 12 | 0 | 0 | 0 | 1 | 2 | 0 |
| Georgia..... | 15 | 6 | 20 | 1 | 0 | 0 | 0 | 0 | 3 | 19 | 1 |
| Florida..... | 17 | 25 | 20 | 1 | 0 | 0 | 0 | 0 | 1 | 5 | 0 |
| EAST SOUTH CENTRAL | | | | | | | | | | | |
| Kentucky..... | 33 | 51 | 51 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 |
| Tennessee..... | 7 | 33 | 42 | 0 | 0 | 1 | 0 | 0 | 3 | 0 | 3 |
| Alabama..... | 13 | 15 | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 2 |
| Mississippi ¹ | | | | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 |
| WEST SOUTH CENTRAL | | | | | | | | | | | |
| Arkansas..... | 41 | 15 | 15 | 6 | 2 | 0 | 0 | 0 | 1 | 0 | 0 |
| Louisiana..... | 0 | 3 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Oklahoma..... | 10 | 3 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Texas..... | 193 | 140 | 138 | 19 | 614 | 34 | 0 | 0 | 1 | 22 | 13 |
| MOUNTAIN | | | | | | | | | | | |
| Montana..... | 25 | 5 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Idaho..... | 7 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wyoming..... | 5 | 10 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Colorado..... | 14 | 30 | 33 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 5 |
| New Mexico..... | 11 | 4 | 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Arizona..... | 19 | 24 | 24 | 1 | 0 | 14 | 0 | 0 | 0 | 0 | 0 |
| Utah ¹ | 7 | 14 | 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Nevada..... | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PACIFIC | | | | | | | | | | | |
| Washington..... | 31 | 47 | 47 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Oregon..... | 9 | 29 | 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| California..... | 251 | 61 | 222 | 3 | 5 | 0 | 1 | 0 | 0 | 1 | 4 |
| Total..... | 2,418 | 1,921 | 4,135 | 42 | 658 | 83 | 4 | 1 | 37 | 74 | 76 |
| Same week, 1944..... | 1,921 | | | 27 | 177 | 37 | 11 | 0 | 10 | 39 | 45 |
| Average, 1942-44..... | 3,625 | | | 23 | 131 | 33 | 7 | 0 | 19 | 439 | 38 |
| 3 weeks, 1945..... | 6,526 | | | 89 | 2,230 | 557 | 17 | 1 | 119 | 243 | 200 |
| 3 weeks, 1944..... | 5,051 | | | 81 | 810 | 159 | 30 | 0 | 42 | 156 | 108 |
| Average, 1942-44..... | 9,878 | | 12,037 | 62 | 474 | 120 | 24 | 41 | 72 | 456 | 89 |

¹ Period ended earlier than Saturday.

⁴ 5-year median, 1940-44.

Anthrax.—Cases: North Dakota, 1.

Leprosy.—Cases: Louisiana, 2.

WEEKLY REPORTS FROM CITIES

City reports for week ended Jan. 13, 1945

This table lists the reports from 86 cities of more than 10,000 population distributed throughout the United States, and represents a cross section of the current urban incidence of the diseases included in the table.

| | Diphtheria cases | Encephalitis, infectious, cases | Influenza | | Measles cases | Meningitis, meningococcus, cases | Pneumonia deaths | Pollomyelitis cases | Scarlet fever cases | Smallpox cases | Typhoid and paratyphoid fever cases | Whooping cough cases |
|---------------------------|------------------|---------------------------------|-----------|--------|---------------|----------------------------------|------------------|---------------------|---------------------|----------------|-------------------------------------|----------------------|
| | | | Cases | Deaths | | | | | | | | |
| NEW ENGLAND | | | | | | | | | | | | |
| Maine: | | | | | | | | | | | | |
| Portland..... | 0 | 0 | ----- | 0 | 3 | 0 | 2 | 0 | 4 | 0 | 2 | 0 |
| New Hampshire: | | | | | | | | | | | | |
| Concord..... | 0 | 0 | ----- | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 |
| Massachusetts: | | | | | | | | | | | | |
| Boston..... | 1 | 0 | ----- | 3 | 34 | 4 | 14 | 0 | 79 | 0 | 0 | 34 |
| Fall River..... | 0 | 0 | ----- | 0 | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 10 |
| Springfield..... | 0 | 0 | ----- | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 5 |
| Worcester..... | 0 | 0 | ----- | 0 | 1 | 0 | 7 | 0 | 12 | 0 | 0 | 16 |
| Rhode Island: | | | | | | | | | | | | |
| Providence..... | 0 | 0 | 1 | 0 | 0 | 0 | 4 | 0 | 12 | 0 | 0 | 18 |
| Connecticut: | | | | | | | | | | | | |
| Bridgeport..... | 0 | 0 | ----- | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 0 |
| Hartford..... | 1 | 0 | ----- | 0 | 43 | 0 | 1 | 0 | 5 | 0 | 0 | 4 |
| New Haven..... | 0 | 0 | 1 | 0 | 0 | 0 | 3 | 0 | 6 | 0 | 0 | 25 |
| MIDDLE ATLANTIC | | | | | | | | | | | | |
| New York: | | | | | | | | | | | | |
| Buffalo..... | 0 | 0 | ----- | 0 | 0 | 0 | 5 | 0 | 3 | 0 | 1 | 4 |
| New York..... | 6 | 0 | 1 | 2 | 10 | 18 | 74 | 1 | 322 | 0 | 3 | 82 |
| Rochester..... | 1 | 0 | ----- | 0 | 8 | 1 | 2 | 1 | 4 | 0 | 0 | 37 |
| Syracuse..... | 0 | 0 | ----- | 0 | 0 | 0 | 2 | 0 | 9 | 0 | 0 | 22 |
| New Jersey: | | | | | | | | | | | | |
| Camden..... | 1 | 0 | 1 | 1 | 1 | 1 | 3 | 0 | 3 | 0 | 0 | 1 |
| Newark..... | 0 | 0 | ----- | 0 | 3 | 2 | 9 | 0 | 8 | 0 | 0 | 1 |
| Trenton..... | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 3 | 0 | 0 | 0 |
| Pennsylvania: | | | | | | | | | | | | |
| Philadelphia..... | 0 | 0 | 5 | 1 | 7 | 9 | 20 | 0 | 108 | 0 | 0 | 38 |
| Pittsburgh..... | 1 | 0 | ----- | 1 | 2 | 6 | 13 | 0 | 19 | 0 | 0 | 10 |
| Reading..... | 0 | 0 | ----- | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 |
| EAST NORTH CENTRAL | | | | | | | | | | | | |
| Ohio: | | | | | | | | | | | | |
| Cincinnati..... | 2 | 0 | 2 | 1 | 0 | 1 | 9 | 0 | 19 | 0 | 0 | 11 |
| Cleveland..... | 0 | 0 | 1 | 0 | 0 | 1 | 13 | 0 | 44 | 0 | 0 | 16 |
| Columbus..... | 0 | 0 | 1 | 1 | 0 | 0 | 4 | 0 | 8 | 0 | 0 | 9 |
| Indiana: | | | | | | | | | | | | |
| Fort Wayne..... | 0 | 0 | ----- | 0 | 0 | 0 | 2 | 0 | 7 | 0 | 0 | 1 |
| Indianapolis..... | 2 | 0 | ----- | 1 | 1 | 3 | 8 | 0 | 40 | 0 | 0 | 0 |
| South Bend..... | 0 | 0 | ----- | 0 | 1 | 0 | 0 | 0 | 4 | 0 | 0 | 0 |
| Terre Haute..... | 0 | 0 | ----- | 0 | 1 | 1 | 4 | 0 | 6 | 0 | 0 | 0 |
| Illinois: | | | | | | | | | | | | |
| Chicago..... | 0 | 0 | ----- | 0 | 13 | 6 | 36 | 0 | 125 | 0 | 0 | 27 |
| Springfield..... | 0 | 0 | ----- | 0 | 3 | 0 | 1 | 0 | 6 | 0 | 0 | 2 |
| Michigan: | | | | | | | | | | | | |
| Detroit..... | 9 | 1 | 1 | 1 | 3 | 4 | 17 | 0 | 103 | 0 | 1 | 38 |
| Flint..... | 0 | 0 | ----- | 0 | 1 | 0 | 2 | 0 | 9 | 0 | 0 | 0 |
| Grand Rapids..... | 0 | 0 | ----- | 0 | 1 | 0 | 1 | 0 | 9 | 0 | 0 | 1 |
| Wisconsin: | | | | | | | | | | | | |
| Kenosha..... | 0 | 0 | ----- | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 20 |
| Milwaukee..... | 0 | 0 | ----- | 0 | 5 | 2 | 4 | 0 | 30 | 0 | 0 | 3 |
| Racine..... | 0 | 0 | ----- | 0 | 1 | 0 | 1 | 0 | 4 | 0 | 0 | 1 |
| Superior..... | 0 | 0 | ----- | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 8 |
| WEST NORTH CENTRAL | | | | | | | | | | | | |
| Minnesota: | | | | | | | | | | | | |
| Duluth..... | 2 | 0 | ----- | 0 | 0 | 0 | 2 | 0 | 3 | 0 | 0 | 6 |
| Minneapolis..... | 3 | 0 | ----- | 1 | 3 | 1 | 3 | 0 | 7 | 0 | 0 | 8 |
| St. Paul..... | 0 | 0 | ----- | 1 | 2 | 0 | 7 | 0 | 2 | 0 | 0 | 14 |
| Missouri: | | | | | | | | | | | | |
| Kansas City..... | 0 | 0 | ----- | 0 | 1 | 3 | 11 | 0 | 33 | 0 | 0 | 3 |
| St. Joseph..... | 0 | 0 | ----- | 0 | 0 | 2 | 0 | 0 | 12 | 0 | 0 | 0 |
| St. Louis..... | 0 | 0 | 3 | 1 | 3 | 6 | 17 | 0 | 9 | 0 | 0 | 22 |

City reports for week ended Jan. 13, 1945—Continued

| | Diphtheria cases | Encephalitis, infectious, cases | Influenza | | Measles cases | Meningitis, meningococcus, cases | Pneumonia deaths | Poliomyelitis cases | Scarlet fever cases | Smallpox cases | Typhoid and paratyphoid fever cases | Whooping cough cases |
|------------------------------|------------------|---------------------------------|-----------|--------|---------------|----------------------------------|------------------|---------------------|---------------------|----------------|-------------------------------------|----------------------|
| | | | Cases | Deaths | | | | | | | | |
| WEST NORTH CENTRAL—continued | | | | | | | | | | | | |
| Nebraska: | | | | | | | | | | | | |
| Omaha..... | 1 | 0 | ----- | 0 | 6 | 0 | 2 | 0 | 21 | 0 | 0 | 1 |
| Kansas: | | | | | | | | | | | | |
| Topeka..... | 0 | 0 | ----- | 0 | 3 | 1 | 4 | 0 | 14 | 0 | 0 | 10 |
| Wichita..... | 0 | 0 | ----- | 0 | 0 | 1 | 3 | 0 | 3 | 0 | 0 | 2 |
| SOUTH ATLANTIC | | | | | | | | | | | | |
| Delaware: | | | | | | | | | | | | |
| Wilmington..... | 0 | 0 | ----- | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Maryland: | | | | | | | | | | | | |
| Baltimore..... | 2 | 0 | 3 | 2 | 3 | 1 | 22 | 0 | 46 | 0 | 0 | 65 |
| Cumberland..... | 0 | 0 | ----- | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Frederick..... | 0 | 0 | ----- | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| District of Columbia: | | | | | | | | | | | | |
| Washington..... | 0 | 0 | 1 | 2 | 11 | 3 | 8 | 0 | 46 | 0 | 0 | 6 |
| Virginia: | | | | | | | | | | | | |
| Lynchburg..... | 0 | 0 | ----- | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 |
| Richmond..... | 0 | 0 | ----- | 0 | 0 | 1 | 2 | 0 | 10 | 0 | 1 | 0 |
| Roanoke..... | 0 | 0 | ----- | 0 | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 0 |
| West Virginia: | | | | | | | | | | | | |
| Charleston..... | 0 | 0 | ----- | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Wheeling..... | 0 | 0 | ----- | 0 | 10 | 0 | 1 | 0 | 2 | 0 | 0 | 2 |
| North Carolina: | | | | | | | | | | | | |
| Raleigh..... | 0 | 0 | ----- | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 18 |
| Wilmington..... | 0 | 0 | ----- | 0 | 0 | 0 | 2 | 0 | 6 | 0 | 0 | 10 |
| Winston-Salem..... | 0 | 0 | ----- | 0 | 1 | 0 | 2 | 0 | 6 | 0 | 0 | 8 |
| South Carolina: | | | | | | | | | | | | |
| Charleston..... | 0 | 0 | 55 | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 0 |
| Georgia: | | | | | | | | | | | | |
| Atlanta..... | 0 | 0 | 30 | 3 | 0 | 2 | 3 | 0 | 12 | 0 | 0 | 0 |
| Brunswick..... | 0 | 0 | ----- | 0 | 0 | 0 | 4 | 0 | 1 | 0 | 0 | 3 |
| Savannah..... | 0 | 0 | 3 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2 |
| Florida: | | | | | | | | | | | | |
| Tampa..... | 0 | 0 | ----- | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 |
| EAST SOUTH CENTRAL | | | | | | | | | | | | |
| Tennessee: | | | | | | | | | | | | |
| Memphis..... | 0 | 0 | 5 | 1 | 81 | 3 | 9 | 0 | 10 | 0 | 0 | 18 |
| Nashville..... | 1 | 0 | 1 | 1 | 0 | 0 | 4 | 0 | 4 | 0 | 0 | 0 |
| Alabama: | | | | | | | | | | | | |
| Birmingham..... | 0 | 0 | 4 | 1 | 0 | 1 | 7 | 0 | 2 | 0 | 0 | 3 |
| Mobile..... | 1 | 0 | ----- | 2 | 1 | 1 | 2 | 0 | 1 | 0 | 0 | 0 |
| WEST SOUTH CENTRAL | | | | | | | | | | | | |
| Louisiana: | | | | | | | | | | | | |
| New Orleans..... | 4 | 0 | 6 | 5 | 10 | 2 | 9 | 0 | 10 | 0 | 2 | 0 |
| Shreveport..... | 1 | 0 | ----- | 0 | 0 | 0 | 15 | 0 | 0 | 0 | 1 | 0 |
| Texas: | | | | | | | | | | | | |
| Dallas..... | 1 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 10 | 0 | 0 | 0 |
| Galveston..... | 0 | 0 | ----- | 0 | 1 | 0 | 2 | 0 | 1 | 0 | 0 | 0 |
| Houston..... | 2 | 0 | ----- | 1 | 0 | 4 | 7 | 0 | 2 | 0 | 0 | 1 |
| San Antonio..... | 1 | 0 | ----- | 0 | 0 | 0 | 5 | 0 | 9 | 0 | 0 | 0 |
| MOUNTAIN | | | | | | | | | | | | |
| Montana: | | | | | | | | | | | | |
| Billings..... | 0 | 0 | ----- | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Great Falls..... | 0 | 0 | ----- | 0 | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 0 |
| Helena..... | 0 | 0 | ----- | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Missoula..... | 0 | 0 | ----- | 0 | 0 | 0 | 3 | 0 | 4 | 0 | 0 | 0 |
| Idaho: | | | | | | | | | | | | |
| Boise..... | 3 | 0 | ----- | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Colorado: | | | | | | | | | | | | |
| Denver..... | 5 | 0 | 3 | 0 | 3 | 0 | 8 | 1 | 28 | 0 | 1 | 18 |
| Utah: | | | | | | | | | | | | |
| Salt Lake City..... | 0 | 0 | ----- | 0 | 6 | 0 | 4 | 0 | 11 | 0 | 0 | 0 |

City reports for week ended Jan. 13, 1945—Continued

| | Diphtheria cases | Encephalitis, infectious, cases | Influenza | | Measles cases | Meningitis, meningococ- cus, cases | Pneumonia deaths | Poliomyelitis cases | Scarlet fever cases | Smallpox cases | Typhoid and paratyphoid fever cases | Whooping cough cases |
|--------------------------|---------------------|---------------------------------------|-----------|--------|---------------|--|---------------------|------------------------|------------------------|----------------|---|-------------------------|
| | | | Cases | Deaths | | | | | | | | |
| PACIFIC | | | | | | | | | | | | |
| Washington: | | | | | | | | | | | | |
| Seattle..... | 0 | 0 | ----- | 1 | 13 | 1 | 10 | 0 | 9 | 0 | 0 | 4 |
| Spokane..... | 0 | 0 | ----- | 0 | 0 | 1 | 3 | 0 | 9 | 0 | 0 | 3 |
| Tacoma..... | 1 | 0 | ----- | 0 | 0 | 1 | 1 | 0 | 2 | 0 | 0 | 1 |
| California: | | | | | | | | | | | | |
| Los Angeles..... | 6 | 0 | 14 | 2 | 0 | 4 | 11 | 0 | 62 | 0 | 0 | 5 |
| Sacramento..... | 1 | 0 | ----- | 0 | 3 | 3 | 2 | 0 | 8 | 0 | 0 | 14 |
| San Francisco..... | 2 | 0 | 1 | 0 | 48 | 1 | 12 | 0 | 30 | 0 | 0 | 27 |
| Total..... | 61 | 1 | 145 | 37 | 354 | 105 | 487 | 3 | 1,492 | 0 | 13 | 718 |
| Corresponding week, 1944 | 53 | ----- | 3,483 | 239 | 2,334 | ----- | 853 | ----- | 1,277 | ----- | 11 | 367 |
| Average, 1940-44..... | 77 | ----- | 2,547 | 126 | 2,330 | ----- | 1,667 | ----- | 1,136 | ----- | 13 | 918 |

¹ 3-year average, 1940-42.

² 5-year median, 1940-44.

Dysentery, amebic.—Cases: Boston, 3.

Dysentery, bacillary.—Cases: Detroit, 2; Charleston, S. C., 5; Los Angeles, 4; San Francisco, 1.

Dysentery, unspecified.—Cases: San Antonio, 5.

Typhoid fever.—Cases: Detroit, 1; Memphis, 2; New Orleans, 1.

Typhus fever, endemic.—Cases: Wilmington, N. C., 6; Savannah, 2; Tampa, 1; Nashville, 2; New Orleans, 1; Galveston, 1; Houston, 3; San Antonio, 3.

Rates (annual basis) per 100,000 population, by geographic groups, for the 86 cities in the preceding table (estimated population, 1943, 54,208,900)

| | Diphtheria case rates | Encephalitis, infectious, case rates | Influenza | | Measles case rates | Meningitis, meningococcus, case rates | Pneumonia death rates | Pollomyelitis case rates | Scarlet fever case rates | Smallpox case rates | Typhoid and paratyphoid fever case rates | Whooping cough case rates |
|-------------------------|-----------------------|--------------------------------------|------------|-------------|--------------------|---------------------------------------|-----------------------|--------------------------|--------------------------|---------------------|--|---------------------------|
| | | | Case rates | Death rates | | | | | | | | |
| New England..... | 5.3 | 0.0 | 5.3 | 7.9 | 213 | 10.5 | 86.6 | 0.0 | 360 | 0.0 | 5.3 | 294 |
| Middle Atlantic..... | 4.2 | 0.0 | 3.7 | 2.3 | 14 | 17.1 | 60.6 | 0.9 | 222 | 0.0 | 1.9 | 90 |
| East North Central..... | 7.9 | 0.6 | 3.0 | 2.4 | 18 | 10.9 | 62.0 | 0.0 | 253 | 0.0 | 0.6 | 83 |
| West North Central..... | 12.1 | 0.0 | 6.0 | 6.0 | 36 | 28.2 | 98.5 | 0.0 | 209 | 0.0 | 0.0 | 133 |
| South Atlantic..... | 3.3 | 0.0 | 150.4 | 11.4 | 44 | 13.1 | 88.3 | 0.0 | 230 | 0.0 | 3.3 | 186 |
| East South Central..... | 11.8 | 0.0 | 59.0 | 29.5 | 484 | 29.5 | 129.8 | 0.0 | 100 | 0.0 | 0.0 | 124 |
| West South Central..... | 27.2 | 0.0 | 21.2 | 21.2 | 33 | 21.2 | 118.0 | 0.0 | 97 | 0.0 | 9.1 | 64 |
| Mountain..... | 69.4 | 0.0 | 26.0 | 0.0 | 87 | 8.7 | 155.1 | 8.7 | 390 | 0.0 | 8.7 | 156 |
| Pacific..... | 15.8 | 0.0 | 23.7 | 4.7 | 101 | 17.4 | 61.7 | 0.0 | 190 | 0.0 | 0.0 | 85 |
| Total..... | 9.3 | 0.2 | 22.2 | 5.7 | 54 | 16.0 | 74.4 | 0.5 | 228 | 0.0 | 2.0 | 110 |

FOREIGN REPORTS

CANADA

Provinces—Communicable diseases—Week ended December 30, 1944.—During the week ended December 30, 1944, cases of certain communicable diseases were reported by the Dominion Bureau of Statistics of Canada as follows:

| Disease | Prince Edward Island | Nova Scotia | New Brun- swick | Que- bec | Onta- rio | Mani- toba | Sas- katch- ewan | Alber- ta | British Colum- bia | Total |
|------------------------------------|----------------------------|----------------|-----------------------|-------------|--------------|---------------|------------------------|--------------|--------------------------|-------|
| Chickenpox | | 6 | | 106 | 518 | 95 | 35 | 32 | 92 | 884 |
| Diphtheria | 3 | 2 | 2 | 31 | 3 | 24 | 7 | | | 72 |
| Dysentery, bacillary | | | | 3 | 8 | 3 | | | | 6 |
| German measles | | | | 3 | 1 | | 3 | 4 | 2 | 21 |
| Influenza | | 2 | | | 44 | 4 | | | 5 | 55 |
| Measles | | 1 | | 14 | 95 | 35 | 35 | 6 | 62 | 248 |
| Meningitis, meningococ- cus | | | | 1 | 2 | | | | | 3 |
| Mumps | | | | 129 | 44 | 17 | 6 | 21 | 19 | 236 |
| Poliomyelitis | | 1 | | | | | | | | 1 |
| Scarlet fever | | 10 | 3 | 82 | 139 | 27 | 7 | 22 | 39 | 329 |
| Tuberculosis (all forms) | | | 1 | 54 | 43 | 25 | | 19 | 20 | 162 |
| Typhoid and paraty- phoid fever | | | 2 | 2 | 1 | 1 | | | 1 | 7 |
| Undulant fever | | | | | 1 | | | | | 1 |
| Venereal diseases: | | | | | | | | | | |
| Gonorrhea | | 10 | 11 | | 67 | 18 | 12 | 28 | 41 | 187 |
| Syphilis | | 3 | 11 | | 66 | 7 | 5 | 6 | 11 | 109 |
| Whooping cough | | 16 | | 95 | 45 | 8 | 4 | 3 | 25 | 196 |

CUBA

Provinces—Notifiable diseases—4 weeks ended December 30, 1944.—During the 4 weeks ended December 30, 1944, cases of certain notifiable diseases were reported in the Provinces of Cuba as follows:

| Disease | Pinar del Rio | Habana ¹ | Matanzas | Santa Clara | Cama- gney | Oriente | Total |
|-----------------------|------------------|---------------------|----------|----------------|---------------|---------|-------|
| Cancer | | 1 | 9 | 5 | | 7 | 22 |
| Chickenpox | 1 | 4 | | 1 | | | 6 |
| Diphtheria | | 28 | 4 | 2 | | 3 | 37 |
| Hookworm disease | | 6 | | 2 | | | 6 |
| Leprosy | | 2 | | | | 5 | 7 |
| Malaria | 2 | 5 | 1 | 24 | 7 | 170 | 209 |
| Measles | | 3 | | | 4 | 3 | 10 |
| Tuberculosis | 16 | 5 | 9 | 29 | 19 | 44 | 122 |
| Typhoid fever | 7 | 34 | 4 | 19 | 4 | 64 | 132 |
| Typhus fever (murine) | | | | | | 2 | 2 |
| Whooping cough | | 1 | | | | | 1 |

¹ Includes the city of Habana.

SWEDEN

Notifiable diseases—October 1944.—During the month of October 1944, cases of certain notifiable diseases were reported in Sweden as follows:

| Disease | Cases | Disease | Cases |
|-------------------------------|-------|---------------------|-------|
| Cerebrospinal meningitis..... | 6 | Poliomyelitis..... | 499 |
| Diphtheria..... | 590 | Scarlet fever..... | 2,469 |
| Dysentery, epidemic..... | 335 | Syphilis..... | 121 |
| Encephalitis, epidemic..... | 1 | Typhoid fever..... | 4 |
| Gonorrhea..... | 1,771 | Undulant fever..... | 2 |
| Hepatitis..... | 746 | Well's disease..... | 19 |
| Paratyphoid fever..... | 54 | | |

REPORTS OF CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER RECEIVED DURING THE CURRENT WEEK

NOTE.—Except in cases of unusual incidence, only those places are included which had not previously reported any of the above-mentioned diseases, except yellow fever, during the current year. All reports of yellow fever are published currently.

A table showing the accumulated figures for these diseases for the year to date is published in the PUBLIC HEALTH REPORTS for the last Friday in each month.

(Few reports are available from the invaded countries of Europe and other nations in war zones.)

Plague

Algeria.—During the period December 1–10, 1944, 3 cases of plague were reported in Algeria including 2 suspected cases in Algiers.

Belgian Congo—Stanleyville Province—Blukwa region.—For the period October 1–28, 1944, 12 cases of plague were reported in Blukwa region, Stanleyville Province, Belgian Congo.

Madagascar.—For the period December 11–20, 1944, 14 cases of plague were reported in Madagascar.

Morocco (French).—For the period December 21–31, 1944, 15 cases of plague were reported in French Morocco.

Senegal.—Plague was reported in Senegal as follows: December 11–20, 1944, 2 cases; December 21–31, 1944, 1 case.

Smallpox

Togo (French).—For the period December 11–20, 1944, 156 cases of smallpox were reported in French Togo.

Typhus Fever

Algeria.—For the period December 1–10, 1944, 69 cases of typhus fever were reported in Algeria, including 8 cases in Algiers and 33 cases in Collo.

Egypt.—For the week ended December 9, 1944, 148 cases of typhus fever with 16 deaths were reported in Egypt.

Morocco (French).—For the period December 21–31, 1944, 29 cases of typhus fever were reported in French Morocco.

Peru.—For the month of November 1944, 63 cases of typhus fever were reported in Peru. Departments reporting the highest incidence of the disease are as follows: Cuzco, 13 cases; Cajamarca, 12 cases; Huanuco, 9 cases; Puno, 8 cases; Apurimac, 6 cases.

Rhodesia, Northern.—For the week ended December 9, 1944, 25 cases of typhus fever were reported in Northern Rhodesia.

Turkey.—For the week ended January 13, 1945, 117 cases of typhus fever were reported in Turkey.

Yellow Fever

Gold Coast—Nsawam.—On December 16, 1944, 1 fatal case of yellow fever was reported in Nsawam, Gold Coast.

Venezuela.—During the month of December 1944, 1 fatal case of yellow fever was reported near San Felix, Bolivar State, and during the month of January 1945, 1 fatal case of yellow fever was reported near San Antonio del Tachira, Tachira State, Venezuela.

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