

# Morbidity and Mortality

Weekly  
Report

PUBLIC HEALTH SERVICE

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

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## Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended November 7, 1959

Twenty-seven of the 34 cases of diphtheria reported for the week ended November 7 occurred in Alabama and Georgia—15 and 12 cases respectively. Most of the 16 cases reported in Louisiana for the week ended October 31 occurred in Orleans Parish.

For the week ended November 7, a total of 180 cases of poliomyelitis was reported. Of these, 136 were paralytic and 32 nonparalytic cases. For the preceding week, the revised total was 284 cases, of which 189 were paralytic, and for the week ended November 8, 1958, the total was 155, including 95 paralytic cases. The decrease in paralytic cases compared with the previous week was evident in all geographic divisions except the New England Division. Only 3 States reported 10 or more paralytic cases—New York 21, Tennessee 10, and California 19.

Dr. I. F. Gratch, Pennsylvania State Department of Health, reported that laboratory confirmation has been obtained for 41 cases of poliomyelitis, 30 by virus isolation, 11 by serological

findings, and 16 by both methods. Of the 30 cases in which poliovirus was isolated, type I was found in 16 instances and type III in 14 instances. The attack rate per 100,000 population for the entire State was reported to be 1.4. The highest rate in any county occurred in Huntingdon County, which had a rate of 18.6. Philadelphia and Allegheny Counties, the most populous counties, had rates of .77 and .25 respectively. It was reported that extensive immunization programs were carried out in these counties during the last year.

### EPIDEMIOLOGICAL REPORTS

#### Influenza

The World Health Organization has received information regarding an epidemic of A2 type influenza in Chile. This epidemic broke out at the end of August and extended through September. The area first affected was the Province of Chiloe,

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Table I. Cases of Specified Notifiable Diseases: Continental United States

(See page 8 for source and nature of data)

| DISEASE<br>(Seventh Revision of International Lists, 1955) | 44th WEEK          |                    |                | CUMULATIVE NUMBER |         |                |                         |         |                           | Approximate seasonal low point |
|--|--------------------|--------------------|----------------|-------------------|---------|----------------|-------------------------|---------|---------------------------|--------------------------------|
|  | Ended Nov. 7, 1959 | Ended Nov. 8, 1958 | Median 1954-58 | First 44 weeks    |         |                | Since seasonal low week |         |                           |                                |
|  |                    |                    |                | 1959              | 1958    | Median 1954-58 | 1958-59                 | 1957-58 | Median 1953-54 to 1957-58 |                                |
| Anthrax-----062  | -                  | -                  | -              | 12                | 13      | 18             | (1)                     | (1)     | (1)                       | (1)                            |
| Botulism-----049.1   | 21                 | -                  | -              | 21                | 3       | 11             | (1)                     | (1)     | (1)                       | (1)                            |
| Brucellosis (undulant fever)-----044                       | 11                 | 15                 | 17             | 630               | 705     | 925            | (1)                     | (1)     | (1)                       | (1)                            |
| Diphtheria-----055   | 34                 | 41                 | 41             | 730               | 670     | 1,206          | 342                     | 348     | 460                       | July 1                         |
| Encephalitis, infectious-----082                           | 56                 | 29                 | 32             | 1,918             | 2,055   | 1,709          | 1,337                   | 1,461   | 1,153                     | June 1                         |
| Hepatitis, infectious,<br>and serum-----092, N998.5 pt.    | 509                | 255                | 281            | 18,954            | 12,919  | 16,420         | 4,176                   | 2,838   | 2,909                     | Sept. 1                        |
| Malaria-----110-117  | 1                  | 3                  | 6              | 66                | 64      | 217            | (1)                     | (1)     | (1)                       | (1)                            |
| Measles-----085  | 1,611              | 2,444              | 1,751          | 373,402           | 720,827 | 570,873        | 11,117                  | 16,083  | 12,023                    | Sept. 1                        |
| Meningococcal infections-----057                           | 34                 | 32                 | 51             | 1,900             | 2,196   | 2,275          | 356                     | 476     | 476                       | Sept. 1                        |
| Meningitis, other-----340                                  | 107                | 98                 | ---            | 4,738             | 3,735   | ---            | ---                     | ---     | ---                       | ---                            |
| Poliomyelitis-----080                                      | 180                | 155                | 263            | 7,721             | 5,236   | 14,338         | 7,453                   | 5,049   | 13,359                    | Apr. 1                         |
| Paralytic-----080.0, 080.1                                 | 136                | 95                 | 145            | 5,008             | 2,604   | 6,144          | 4,821                   | 2,501   | 5,613                     | Apr. 1                         |
| Nonparalytic-----080.2                                     | 32                 | 33                 | 76             | 2,069             | 1,855   | 5,591          | 2,024                   | 1,796   | 5,329                     | Apr. 1                         |
| Unspecified-----080.3                                      | 12                 | 27                 | 42             | 644               | 777     | 2,603          | 608                     | 752     | 2,417                     | Apr. 1                         |
| Psittacosis-----096.2                                      | 4                  | 1                  | 4              | 95                | 127     | 241            | (1)                     | (1)     | (1)                       | (1)                            |
| Rabies in man-----094                                      | -                  | 1                  | -              | 4                 | 4       | 5              | (1)                     | (1)     | (1)                       | (1)                            |
| Typhoid fever-----040                                      | 25                 | 20                 | 25             | 749               | 923     | 1,508          | 625                     | 757     | 1,218                     | Apr. 1                         |
| Typhus fever, endemic-----101                              | -                  | 1                  | 1              | 40                | 64      | 107            | 34                      | 53      | 83                        | Apr. 1                         |
| Rabies in animals-----                                     | 67                 | 60                 | 81             | 3,293             | 3,951   | 4,061          | 434                     | 364     | 409                       | Oct. 1                         |

<sup>1</sup>Data show no pronounced seasonal change in incidence.

<sup>2</sup>Reported in California.

<sup>3</sup>Includes 30 cases of aseptic meningitis; see footnotes to table 2.

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in the southern part of the country, which was spared in 1957. Although the outbreak is less severe than that of 1957, there have been 200 to 300 deaths.

Rabies in animals

Dr. Charlotte Silverman, Maryland State Department of Health, supplied a report from Dr. Charles L. Wisseman, University of Maryland, of a suspect case of rabies in a bat, the first to be reported in Maryland. The bat was found fluttering erratically close to the ground near the home of Dr. Wisseman, in a residential area in Baltimore County. The bat was killed by a group of children, and then it was abandoned. It was identified as the hoary bat, Lasiurus cinereus. Mouse-inoculation tests were performed, and the first deaths occurred in the mice 21 days after inoculation. Two additional mouse passages were done and the incubation period remained from 15 to 20 days. Smears prepared from the bat's brain revealed inclusion bodies suggestive, but not entirely typical, of Negri bodies. Fairly typical Negri bodies have been found in smears taken from the brains of the mice. Other tests are being made.

Infectious hepatitis

Dr. J. J. Van Gasse, Coos County (Oregon) Health Department, reported the occurrence of 8 cases of infectious hepatitis among 118 residents of 3 apartment buildings. The cases developed during the period June 28 to August 22. There was one death, but this was not thought to be due to hepatitis. The buildings are on municipal water supply, and there was no evidence of any break in the water system. Sewage is discharged into the municipal system. There was no significant evidence of rodent infestation. There was close day-by-day contact among the large number of children living in the buildings. The children played together almost constantly, and they were observed sharing various food items. Small groups of children were often entertained in different apartments on a rotation basis. Gamma globulin was advised for most of the residents. No further cases were reported from the apartments, but cases are still being reported from the community.

Botulism

The case of botulism reported in California for the current week occurred in a 5-year-old girl. Clostridium botulinum type A was identified in a corn and chicken mash mixture which had killed 31 chickens. The girl was given antitoxin and recovered. A preliminary report of this case appeared in the Morbidity and Mortality Weekly Report for the week ended September 5.

Salmonellosis

Information has been received from the Communicable Disease Center (PHS) of an outbreak of salmonellosis among students in an Indian school in Arizona. On October 5, several cases of diarrhea accompanied by fever, sore throat, and vomiting were reported. The illness was first considered to be "intestinal flu," but examination of 6 stool specimens resulted in 5 isolations of Salmonella newington. Roast beef served on October 2 seemed to be the most likely source of infection. A total of 35 clinical cases occurred from October 3 to October 6. Results of examination of 70 stool specimens suggested that the infection rate in the school probably reached 50 percent or more. About 1,000 students attend the school. Three food-

handlers were found to be infected. S. newington was found in frozen eggs obtained from a producer in California and on the meat block on which the roast beef had been sliced. Only 1 case of S. newington was reported in California this year, and this occurred 2 or 3 months prior to the outbreak in a community other than where the eggs were produced.

Staphylococcal infection in dairy cattle

Dr. J. W. Skaggs, Kentucky State Department of Health, reported that a herd of dairy cattle in western Kentucky has been found to be infected with a strain of antibiotic resistant staphylococci, phage type 80/81. All 25 adult cows in the milking herd have suffered superficial lesions on the skin of their udders periodically for the past 2 years. A different herd owned by the same farmer was sold in June 1957 after exhibiting similar lesions for the preceding 6 months. Attempts at therapy by local veterinarians have been futile. However, the herd which was sold seemed to recover spontaneously after the move to new premises and change in human contacts. The farm owner along with the other 2 adult members of his family have been found to be nasal carriers of phage type 80/81 staphylococci. Occasional furuncles have developed on the extremities of these individuals, and those from which cultures have been prepared consistently yielded phage type 80/81 staphylococci. Investigation seemed to indicate the human contacts were the sources of infection for the cattle. Further epidemiological analysis is underway.

Staphylococcal food poisoning

Larry D. Hodge, Wayne County (West Virginia) Health Department, investigated a family outbreak of staphylococcal food poisoning following the ingestion of whipped oleomargarine. Five of the 7 family members ate the margarine, and all became violently ill with nausea, vomiting, diarrhea, and fever 4 hours later. Staphylococci were identified in samples of the oleomargarine. The company which distributed the product stated they had not distributed it for the past 2 months. Whipped oleomargarine of the same brand name was implicated in 2 outbreaks of food poisoning in Kentucky in July and August.

Arnold Ross and Dr. H. Hyort, Los Angeles County Health Department, reported that 2 persons became ill with nausea, vomiting, cramps, and diarrhea several hours after eating Jack cheese. Neither person had any fever. Many golden-pigmented, gram-positive, coagulase-positive, gelatin-liquefying cocci were isolated from samples of the cheese. The method of preparation of the cheese was not determined.

Noxious food poisoning

F. A. Listick, Los Angeles City Health Department, reported that 2 young children became ill immediately after eating flowers from a poisonous plant growing in a back yard. The children's parents noticed the children were staggering and had flushed bodies and dilated pupils. The symptoms lasted about 24 hours. The plant was identified as Datura meteloides, a member of the nightshade family.

Arnold Ross and Dr. H. Hyort, Los Angeles County Health Department, reported that 2 individuals became ill within an hour after eating yellowtail fish. Acute symptoms of headache, flushed face, a "very warm feeling," palpitation, vomiting, diarrhea with cramps, and generalized redness lasted for 8½ hours. The fish were caught 4 days before they were eaten. They were cleaned on the boat and then refrigerated at a temperature of 40° F. at a restaurant several hours later. The

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**Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED NOVEMBER 8, 1958, AND NOVEMBER 7, 1959**

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

| AREA                      | BRUCELLOSIS<br>(undulant fever) |      | DIPHTHERIA 055 |      |                              |      | ENCEPHALITIS,<br>INFECTIOUS |      | HEPATITIS, INFECTIOUS, AND<br>SERUM 092,N998.5 pt. |      |                              |        |
|---------------------------|---------------------------------|------|----------------|------|------------------------------|------|-----------------------------|------|--|------|------------------------------|--------|
|                           | 044                             |      | 44th week      |      | Cumulative<br>first 44 weeks |      | 082                         |      | 44th week  |      | Cumulative<br>first 44 weeks |        |
|                           | 1959                            | 1958 | 1959           | 1958 | 1959                         | 1958 | 1959                        | 1958 | 1959   | 1958 | 1959                         | 1958   |
| CONT. UNITED STATES-----  | 11                              | 15   | 34             | 41   | 730                          | 670  | 56                          | 29   | 509  | 255  | 18,954                       | 12,919 |
| NEW ENGLAND-----          | -                               | 1    | -              | -    | 5                            | 6    | -                           | 1    | 18   | 14   | 626                          | 493    |
| Maine-----                | -                               | -    | -              | -    | -                            | -    | -                           | -    | -  | 1    | 88                           | 63     |
| New Hampshire-----        | -                               | -    | -              | -    | -                            | -    | -                           | -    | -  | -    | 15                           | 2      |
| Vermont-----              | -                               | -    | -              | -    | -                            | -    | -                           | -    | -  | -    | 23                           | 24     |
| Massachusetts-----        | -                               | -    | -              | -    | 5                            | 5    | -                           | -    | 10   | 9    | 311                          | 246    |
| Rhode Island-----         | -                               | -    | -              | -    | -                            | -    | -                           | 1    | 2  | 2    | 65                           | 62     |
| Connecticut-----          | -                               | 1    | -              | -    | -                            | 1    | -                           | -    | 6  | 2    | 124                          | 96     |
| MIDDLE ATLANTIC-----      | -                               | 2    | -              | -    | 48                           | 34   | 8                           | -    | 58   | 40   | 2,818                        | 1,757  |
| New York-----             | -                               | 2    | -              | -    | 25                           | 16   | 3                           | -    | 35   | 30   | 1,670                        | 1,192  |
| New Jersey-----           | -                               | -    | -              | -    | 9                            | 2    | 3                           | -    | 5  | 4    | 302                          | 142    |
| Pennsylvania-----         | -                               | -    | -              | -    | 14                           | 16   | 2                           | -    | 18   | 6    | 846                          | 423    |
| EAST NORTH CENTRAL-----   | 3                               | 2    | -              | 1    | 27                           | 37   | 9                           | 4    | 60   | 29   | 2,936                        | 2,195  |
| Ohio-----                 | -                               | -    | -              | -    | 9                            | 8    | 1                           | -    | 16   | 8    | 848                          | 688    |
| Indiana-----              | -                               | -    | -              | -    | 4                            | 14   | 3                           | 3    | 8  | -    | 270                          | 197    |
| Illinois-----             | 2                               | 2    | -              | 1    | 9                            | 8    | 2                           | -    | 16   | 10   | 652                          | 538    |
| Michigan-----             | -                               | -    | -              | -    | 3                            | 6    | 2                           | 1    | 17   | 7    | 981                          | 579    |
| Wisconsin-----            | 1                               | -    | -              | -    | 2                            | 1    | 1                           | -    | 3  | 4    | 185                          | 193    |
| WEST NORTH CENTRAL-----   | 6                               | 7    | -              | 2    | 55                           | 103  | 3                           | 3    | 44   | 22   | 1,481                        | 1,088  |
| Minnesota-----            | -                               | 1    | -              | 1    | 22                           | 44   | -                           | -    | 8  | 6    | 373                          | 160    |
| Iowa-----                 | 2                               | 3    | -              | -    | 3                            | 14   | -                           | 2    | 2  | 4    | 127                          | 187    |
| Missouri-----             | 1                               | -    | -              | -    | 6                            | 14   | -                           | -    | 5  | 2    | 387                          | 216    |
| North Dakota-----         | -                               | -    | -              | -    | 2                            | 3    | -                           | -    | 15   | 9    | 307                          | 206    |
| South Dakota-----         | -                               | -    | -              | 1    | 3                            | 16   | -                           | -    | 12   | -    | 60                           | 16     |
| Nebraska-----             | -                               | -    | -              | -    | 19                           | 10   | -                           | -    | 2  | 1    | 78                           | 72     |
| Kansas-----               | 3                               | 3    | -              | -    | -                            | 2    | 3                           | 1    | -  | -    | 149                          | 231    |
| SOUTH ATLANTIC-----       | 1                               | 1    | 15             | 16   | 225                          | 211  | 6                           | 4    | 44   | 21   | 1,707                        | 1,010  |
| Delaware-----             | -                               | -    | -              | -    | -                            | 3    | -                           | -    | 6  | 1    | 110                          | 51     |
| Maryland-----             | -                               | -    | -              | -    | 7                            | 2    | -                           | -    | 7  | 10   | 352                          | 128    |
| District of Columbia----- | -                               | -    | -              | -    | -                            | 27   | -                           | -    | 2  | -    | 17                           | 18     |
| Virginia-----             | 1                               | 1    | -              | 1    | 12                           | 11   | 3                           | 3    | 8  | 4    | 420                          | 247    |
| West Virginia-----        | -                               | -    | -              | -    | 3                            | 25   | -                           | -    | 9  | -    | 267                          | 137    |
| North Carolina-----       | -                               | -    | 2              | -    | 22                           | 31   | 1                           | -    | -  | -    | 107                          | 56     |
| South Carolina-----       | -                               | -    | -              | 2    | 27                           | 67   | -                           | -    | 1  | 1    | 47                           | 39     |
| Georgia-----              | -                               | -    | 12             | 6    | 80                           | 38   | -                           | -    | 3  | 1    | 120                          | 120    |
| Florida-----              | -                               | -    | 1              | 7    | 74                           | 7    | 2                           | 1    | 8  | 4    | 267                          | 214    |
| EAST SOUTH CENTRAL-----   | 1                               | 1    | 15             | 6    | 95                           | 71   | -                           | 3    | 98   | 14   | 1,876                        | 1,086  |
| Kentucky-----             | 1                               | -    | -              | -    | 9                            | 4    | -                           | 1    | 62   | 9    | 898                          | 530    |
| Tennessee-----            | -                               | 1    | -              | 1    | 8                            | 8    | -                           | 1    | 23   | 4    | 433                          | 288    |
| Alabama-----              | -                               | -    | 15             | 2    | 37                           | 33   | -                           | 1    | 12   | 1    | 400                          | 190    |
| Mississippi-----          | -                               | -    | -              | 3    | 41                           | 26   | -                           | -    | 1  | -    | 145                          | 78     |
| WEST SOUTH CENTRAL-----   | -                               | -    | 4              | 16   | 242                          | 156  | 9                           | 8    | 28   | 15   | 1,518                        | 1,013  |
| Arkansas-----             | -                               | -    | -              | 11   | 37                           | 30   | 3                           | -    | 2  | -    | 75                           | 94     |
| Louisiana-----            | -                               | -    | -              | 5    | 75                           | 59   | -                           | -    | 2  | -    | 111                          | 12     |
| Oklahoma-----             | -                               | -    | -              | -    | 3                            | 22   | -                           | -    | 3  | 2    | 210                          | 140    |
| Texas-----                | -                               | -    | 4              | -    | 127                          | 45   | 6                           | 8    | 21   | 13   | 1,122                        | 767    |
| MOUNTAIN-----             | -                               | -    | -              | -    | 18                           | 40   | 4                           | 4    | 57   | 37   | 2,445                        | 1,735  |
| Montana-----              | -                               | -    | -              | -    | -                            | 8    | -                           | -    | 1  | 9    | 209                          | 353    |
| Idaho-----                | -                               | -    | -              | -    | -                            | 1    | -                           | -    | 7  | -    | 292                          | 160    |
| Wyoming-----              | -                               | -    | -              | -    | -                            | 2    | 1                           | -    | 1  | 2    | 53                           | 17     |
| Colorado-----             | -                               | -    | -              | -    | 7                            | 10   | -                           | 1    | 12   | 5    | 745                          | 244    |
| New Mexico-----           | -                               | -    | -              | -    | 8                            | 16   | -                           | -    | 16   | 6    | 447                          | 286    |
| Arizona-----              | -                               | -    | -              | -    | 2                            | 3    | -                           | -    | 15   | 11   | 496                          | 421    |
| Utah-----                 | -                               | -    | -              | -    | -                            | -    | 3                           | 3    | 4  | 4    | 181                          | 153    |
| Nevada-----               | -                               | -    | -              | -    | 1                            | -    | -                           | -    | 1  | -    | 22                           | 101    |
| PACIFIC-----              | -                               | 1    | -              | -    | 15                           | 12   | 17                          | 2    | 102  | 63   | 3,547                        | 2,542  |
| Alaska-----               | -                               | -    | -              | -    | 5                            | -    | -                           | -    | 1  | -    | 68                           | (72)   |
| Washington-----           | -                               | -    | -              | -    | -                            | -    | -                           | -    | 13   | 7    | 483                          | 406    |
| Oregon-----               | -                               | -    | -              | -    | 4                            | 7    | -                           | -    | 13   | 7    | 731                          | 381    |
| California-----           | -                               | 1    | -              | -    | 6                            | 5    | 17                          | 2    | 75   | 49   | 2,265                        | 1,755  |
| Hawaii-----               | -                               | -    | -              | -    | 2                            | -    | -                           | -    | -  | -    | 42                           | 58     |
| Puerto Rico-----          | -                               | -    | -              | -    | 27                           | 43   | -                           | -    | 21   | -    | 266                          | 135    |

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED NOVEMBER 8, 1958, AND NOVEMBER 7, 1959—Continued

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

| AREA                      | POLIOMYELITIS 080  |      |                           |       |                       |      |                           |       |              |      | MEASLES |       |
|---------------------------|--------------------|------|---------------------------|-------|-----------------------|------|---------------------------|-------|--------------|------|---------|-------|
|                           | Total <sup>1</sup> |      |                           |       | Paralytic 080.0,080.1 |      |                           |       | Nonparalytic |      | 085     |       |
|                           | 44th week          |      | Cumulative first 44 weeks |       | 44th week             |      | Cumulative first 44 weeks |       | 080.2        |      | 085     |       |
|                           | 1959               | 1958 | 1959                      | 1958  | 1959                  | 1958 | 1959                      | 1958  | 1959         | 1958 | 1959    | 1958  |
| CONT. UNITED STATES-----  | 180                | 155  | 7,721                     | 5,236 | 136                   | 95   | 5,008                     | 2,604 | 32           | 33   | 1,611   | 2,444 |
| NEW ENGLAND-----          | 13                 | -    | 337                       | 88    | 11                    | -    | 259                       | 54    | -            | -    | 159     | 228   |
| Maine-----                | 7                  | -    | 66                        | 4     | 7                     | -    | 66                        | 4     | -            | -    | 6       | 4     |
| New Hampshire-----        | 1                  | -    | 5                         | 4     | 1                     | -    | 4                         | -     | -            | -    | -       | 18    |
| Vermont-----              | -                  | -    | 5                         | 6     | -                     | -    | 5                         | 5     | -            | -    | 24      | 31    |
| Massachusetts-----        | 2                  | -    | 139                       | 29    | -                     | -    | 101                       | 13    | -            | -    | 116     | 72    |
| Rhode Island-----         | -                  | -    | 10                        | 3     | -                     | -    | 7                         | 3     | -            | -    | 1       | 1     |
| Connecticut-----          | 3                  | -    | 112                       | 42    | 3                     | -    | 76                        | 29    | -            | -    | 12      | 102   |
| MIDDLE ATLANTIC-----      | 25                 | 15   | 726                       | 636   | 24                    | 10   | 473                       | 345   | 1            | 1    | 84      | 656   |
| New York-----             | 21                 | 6    | 439                       | 265   | 21                    | 3    | 265                       | 160   | -            | 1    | 66      | 82    |
| New Jersey-----           | -                  | 4    | 129                       | 274   | -                     | 2    | 85                        | 108   | -            | -    | 6       | 132   |
| Pennsylvania-----         | 4                  | 5    | 156                       | 97    | 3                     | 5    | 123                       | 77    | 1            | -    | 12      | 442   |
| EAST NORTH CENTRAL-----   | 33                 | 62   | 1,167                     | 1,911 | 14                    | 27   | 499                       | 715   | 11           | 20   | 398     | 326   |
| Ohio-----                 | 5                  | 14   | 259                       | 350   | 2                     | 4    | 115                       | 100   | 2            | -    | 55      | 90    |
| Indiana-----              | 4                  | 4    | 145                       | 119   | 1                     | 4    | 92                        | 64    | 1            | -    | 17      | 60    |
| Illinois-----             | 11                 | 10   | 290                       | 224   | 6                     | 4    | 148                       | 78    | 3            | 3    | 121     | 60    |
| Michigan-----             | 9                  | 31   | 426                       | 1,161 | 5                     | 12   | 121                       | 449   | 4            | 17   | 107     | 57    |
| Wisconsin-----            | 4                  | 3    | 47                        | 57    | -                     | 3    | 23                        | 24    | 1            | -    | 98      | 59    |
| WEST NORTH CENTRAL-----   | 11                 | 15   | 1,477                     | 343   | 8                     | 10   | 768                       | 169   | 2            | 1    | 142     | 146   |
| Minnesota-----            | 5                  | 1    | 228                       | 28    | 5                     | 1    | 184                       | 21    | -            | -    | 59      | 1     |
| Iowa-----                 | 3                  | 2    | 436                       | 62    | 2                     | 1    | 191                       | 19    | 1            | 1    | 3       | 47    |
| Missouri-----             | 2                  | 7    | 474                       | 139   | -                     | 7    | 258                       | 98    | 1            | -    | 2       | 11    |
| North Dakota-----         | -                  | 1    | 13                        | 41    | -                     | 1    | 6                         | 23    | -            | -    | 77      | 81    |
| South Dakota-----         | -                  | 4    | 13                        | 12    | -                     | -    | -                         | 1     | -            | -    | -       | 2     |
| Nebraska-----             | 1                  | -    | 134                       | 30    | 1                     | -    | 69                        | 3     | -            | -    | 1       | 4     |
| Kansas-----               | -                  | -    | 179                       | 31    | -                     | -    | 60                        | 4     | -            | -    | (*)     | (*)   |
| SOUTH ATLANTIC-----       | 31                 | 13   | 1,181                     | 748   | 26                    | 10   | 928                       | 410   | 4            | -    | 58      | 242   |
| Delaware-----             | -                  | 1    | 9                         | 22    | -                     | 1    | 7                         | 13    | -            | -    | 5       | -     |
| Maryland-----             | -                  | -    | 38                        | 19    | -                     | -    | 37                        | 17    | -            | -    | 6       | 24    |
| District of Columbia----- | -                  | -    | 6                         | 5     | -                     | -    | 5                         | 3     | -            | -    | 2       | 1     |
| Virginia-----             | 9                  | 3    | 282                       | 134   | 9                     | 3    | 238                       | 112   | -            | -    | 29      | 50    |
| West Virginia-----        | 5                  | 3    | 178                       | 177   | 4                     | 3    | 146                       | 112   | 1            | -    | 15      | 111   |
| North Carolina-----       | 5                  | 2    | 258                       | 93    | 3                     | 2    | 214                       | 35    | 2            | -    | -       | 9     |
| South Carolina-----       | 1                  | 2    | 80                        | 25    | 1                     | 1    | 44                        | 15    | -            | -    | -       | 1     |
| Georgia-----              | 7                  | -    | 150                       | 52    | 6                     | -    | 116                       | 28    | 1            | -    | 1       | 12    |
| Florida-----              | 4                  | 2    | 180                       | 221   | 3                     | -    | 121                       | 75    | -            | -    | -       | 34    |
| EAST SOUTH CENTRAL-----   | 19                 | 13   | 796                       | 316   | 15                    | 9    | 603                       | 154   | 4            | 4    | 78      | 98    |
| Kentucky-----             | 2                  | -    | 97                        | 58    | 2                     | -    | 77                        | 46    | -            | -    | 13      | 15    |
| Tennessee-----            | 12                 | 5    | 349                       | 103   | 10                    | 4    | 263                       | 43    | 2            | 1    | 48      | 70    |
| Alabama-----              | 3                  | 5    | 240                       | 42    | 2                     | 4    | 202                       | 33    | 1            | 1    | 15      | 6     |
| Mississippi-----          | 2                  | 3    | 110                       | 113   | 1                     | 1    | 61                        | 32    | 1            | 2    | 2       | 7     |
| WEST SOUTH CENTRAL-----   | 13                 | 13   | 1,089                     | 657   | 9                     | 8    | 709                       | 430   | 4            | 5    | 192     | 116   |
| Arkansas-----             | 3                  | 1    | 291                       | 23    | 2                     | 1    | 221                       | 21    | 1            | -    | 1       | 4     |
| Louisiana-----            | 4                  | -    | 134                       | 75    | 4                     | -    | 92                        | 51    | -            | -    | -       | 6     |
| Oklahoma-----             | 1                  | 2    | 146                       | 56    | -                     | 2    | 82                        | 23    | 1            | -    | 1       | 9     |
| Texas-----                | 5                  | 10   | 518                       | 503   | 3                     | 5    | 314                       | 335   | 2            | 5    | 190     | 97    |
| MOUNTAIN-----             | 3                  | 3    | 180                       | 188   | 1                     | 2    | 102                       | 91    | 2            | -    | 205     | 277   |
| Montana-----              | -                  | -    | 10                        | 63    | -                     | -    | 4                         | 41    | -            | -    | 44      | 152   |
| Idaho-----                | -                  | -    | 6                         | 12    | -                     | -    | -                         | -     | -            | -    | 35      | -     |
| Wyoming-----              | -                  | -    | 2                         | 10    | -                     | -    | 1                         | 1     | -            | -    | 1       | -     |
| Colorado-----             | -                  | 1    | 25                        | 19    | -                     | 1    | 17                        | 14    | -            | -    | 26      | 77    |
| New Mexico-----           | -                  | 1    | 41                        | 35    | -                     | -    | 24                        | 16    | -            | -    | 27      | 15    |
| Arizona-----              | 1                  | 1    | 80                        | 33    | -                     | 1    | 50                        | 13    | 1            | -    | 13      | 21    |
| Utah-----                 | 1                  | -    | 10                        | 11    | 1                     | -    | 3                         | 4     | -            | -    | 59      | 12    |
| Nevada-----               | 1                  | -    | 6                         | 5     | -                     | -    | 3                         | 2     | 1            | -    | -       | -     |
| PACIFIC-----              | 32                 | 21   | 768                       | 349   | 28                    | 19   | 667                       | 236   | 4            | 2    | 295     | 355   |
| Alaska-----               | 1                  | -    | 20                        | (2)   | 1                     | -    | 14                        | (1)   | -            | -    | 8       | (8)   |
| Washington-----           | 7                  | -    | 186                       | 33    | 7                     | -    | 186                       | 3     | -            | -    | 142     | 61    |
| Oregon-----               | 1                  | -    | 155                       | 37    | 1                     | -    | 121                       | 24    | -            | -    | 40      | 66    |
| California-----           | 23                 | 21   | 407                       | 279   | 19                    | 19   | 346                       | 209   | 4            | 2    | 105     | 228   |
| Hawaii-----               | -                  | -    | 5                         | 75    | -                     | -    | 5                         | 75    | -            | -    | 178     | 11    |
| Puerto Rico-----          | -                  | 1    | 4                         | 54    | -                     | 1    | 3                         | 51    | -            | -    | 18      | 96    |

<sup>1</sup>Includes cases not specified by type, category number 080.3.

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**Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED NOVEMBER 8, 1958, AND NOVEMBER 7, 1959—Continued**

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

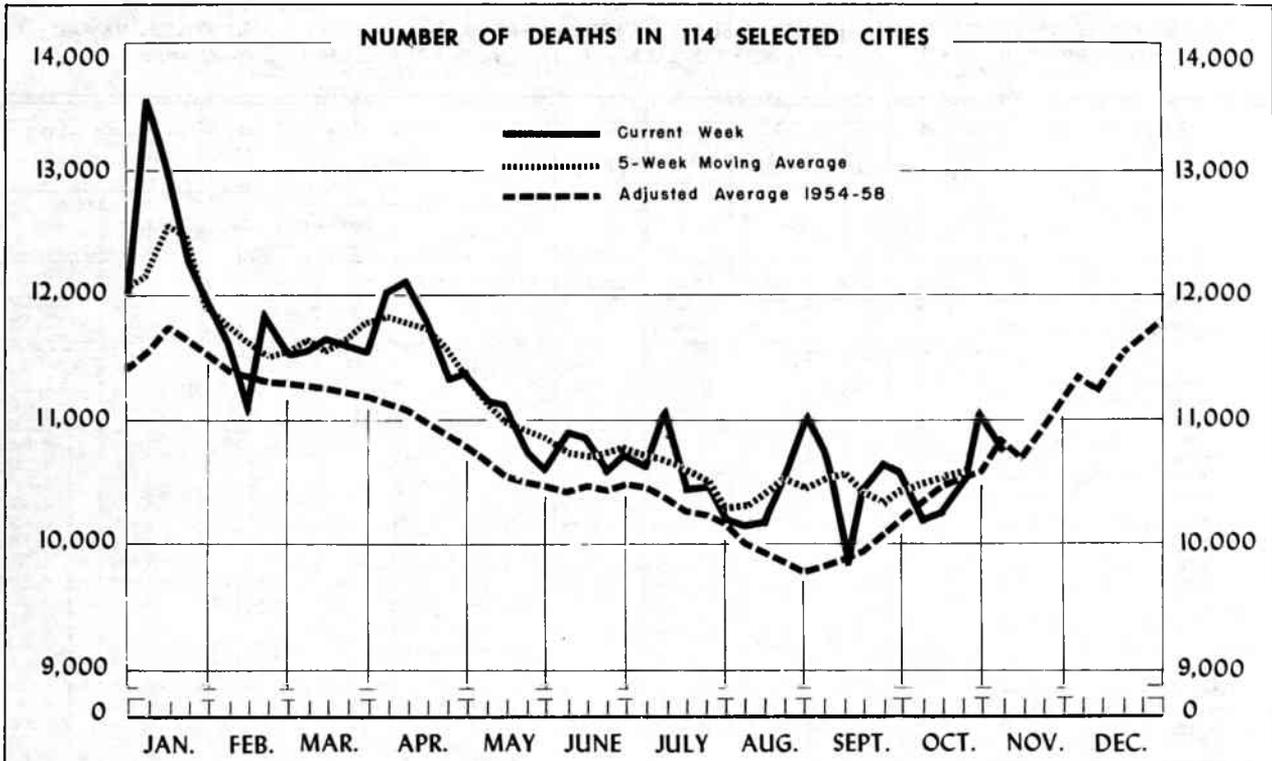
| AREA                      | MALARIA |      | MENINGOCOCCAL INFECTIONS |                 | MENINGITIS, OTHER | PSITTA-COSIS | TYPHOID FEVER 040 |      |                           |      | TYPHUS FEVER, ENDEMIC | RABIES IN ANIMALS |      |
|---------------------------|---------|------|--------------------------|-----------------|-------------------|--------------|-------------------|------|---------------------------|------|-----------------------|-------------------|------|
|                           | 110-117 |      | 057                      |                 | 340               | 096.2        | 44th week         |      | Cumulative first 44 weeks |      | 101                   |                   |      |
|                           | 1959    | 1958 | 1959                     | 1958            | 1959              | 1958         | 1959              | 1958 | 1959                      | 1958 | 1959                  | 1959              | 1958 |
| CONT. UNITED STATES-----  | 1       | 34   | 32                       | 107             | 4                 | 25           | 20                | 749  | 923                       | -    | 67                    | 60                |      |
| NEW ENGLAND-----          | -       | 3    | 2                        | 10              | -                 | -            | -                 | 15   | 19                        | -    | -                     | -                 |      |
| Maine-----                | -       | 1    | -                        | 2 <sup>3</sup>  | -                 | -            | -                 | 2    | 2                         | -    | -                     | -                 |      |
| New Hampshire-----        | -       | -    | -                        | -               | -                 | -            | -                 | -    | 1                         | -    | -                     | -                 |      |
| Vermont-----              | -       | -    | -                        | 9 <sup>1</sup>  | -                 | -            | -                 | -    | -                         | -    | -                     | -                 |      |
| Massachusetts-----        | -       | 2    | 2                        | 5               | -                 | -            | -                 | 5    | 9                         | -    | -                     | -                 |      |
| Rhode Island-----         | -       | -    | -                        | 1               | -                 | -            | -                 | 3    | 1                         | -    | -                     | -                 |      |
| Connecticut-----          | -       | -    | -                        | -               | -                 | -            | -                 | 5    | 6                         | -    | -                     | -                 |      |
| MIDDLE ATLANTIC-----      | -       | 9    | 5                        | 13              | -                 | 2            | 2                 | 76   | 96                        | -    | 14                    | 7                 |      |
| New York-----             | -       | 7    | 2                        | 4 <sup>12</sup> | -                 | 2            | 1                 | 34   | 32                        | -    | 13                    | 6                 |      |
| New Jersey-----           | -       | 1    | -                        | 3 <sup>1</sup>  | -                 | -            | 1                 | 12   | 19                        | -    | -                     | -                 |      |
| Pennsylvania-----         | -       | 1    | 3                        | -               | -                 | -            | -                 | 30   | 45                        | -    | 1                     | 1                 |      |
| EAST NORTH CENTRAL-----   | -       | 7    | 6                        | 27              | 1                 | 4            | 3                 | 98   | 98                        | -    | 5                     | 6                 |      |
| Ohio-----                 | -       | 1    | -                        | 7               | -                 | 2            | 1                 | 49   | 37                        | -    | 2                     | -                 |      |
| Indiana-----              | -       | -    | -                        | 3               | -                 | -            | 1                 | 15   | 16                        | -    | 1                     | 4                 |      |
| Illinois-----             | -       | 3    | 1                        | 13              | -                 | 2            | -                 | 20   | 22                        | -    | 1                     | -                 |      |
| Michigan-----             | -       | 2    | 5                        | 3               | -                 | -            | -                 | 8    | 13                        | -    | 1                     | -                 |      |
| Wisconsin-----            | -       | 1    | -                        | 9 <sup>1</sup>  | 1                 | -            | 1                 | 6    | 10                        | -    | -                     | 2                 |      |
| WEST NORTH CENTRAL-----   | -       | 1    | 3                        | -               | 1                 | -            | 1                 | 46   | 72                        | -    | 13                    | 11                |      |
| Minnesota-----            | -       | -    | 3                        | -               | 1                 | -            | -                 | 1    | 3                         | -    | 5                     | 4                 |      |
| Iowa-----                 | -       | 1    | -                        | -               | -                 | -            | -                 | 8    | 14                        | -    | 3                     | 5                 |      |
| Missouri-----             | -       | -    | -                        | -               | -                 | -            | 1                 | 17   | 34                        | -    | 4                     | 2                 |      |
| North Dakota-----         | -       | -    | -                        | -               | -                 | -            | -                 | 5    | 2                         | -    | -                     | -                 |      |
| South Dakota-----         | -       | -    | -                        | -               | -                 | -            | -                 | 3    | 7                         | -    | -                     | -                 |      |
| Nebraska-----             | -       | -    | -                        | -               | -                 | -            | -                 | 5    | 2                         | -    | 1                     | -                 |      |
| Kansas-----               | -       | -    | -                        | -               | -                 | -            | -                 | 7    | 10                        | -    | -                     | -                 |      |
| SOUTH ATLANTIC-----       | -       | 3    | 4                        | 17              | -                 | 3            | 2                 | 131  | 158                       | -    | 7                     | 3                 |      |
| Delaware-----             | -       | -    | 1                        | 3               | -                 | 1            | -                 | 2    | 5                         | -    | -                     | -                 |      |
| Maryland-----             | -       | -    | 1                        | -               | -                 | -            | -                 | 5    | 11                        | -    | -                     | -                 |      |
| District of Columbia----- | -       | -    | -                        | 1               | -                 | -            | -                 | 4    | 6                         | -    | -                     | -                 |      |
| Virginia-----             | -       | 2    | -                        | 11              | -                 | -            | -                 | 27   | 33                        | -    | 1                     | 3                 |      |
| West Virginia-----        | -       | -    | 1                        | 2               | -                 | 1            | -                 | 15   | 20                        | -    | 5                     | -                 |      |
| North Carolina-----       | -       | 1    | 1                        | -               | -                 | -            | 1                 | 11   | 18                        | -    | 1                     | -                 |      |
| South Carolina-----       | -       | -    | -                        | -               | -                 | -            | -                 | 11   | 12                        | -    | -                     | -                 |      |
| Georgia-----              | -       | -    | -                        | -               | -                 | -            | -                 | 28   | 31                        | -    | -                     | -                 |      |
| Florida-----              | -       | -    | -                        | -               | -                 | 1            | -                 | 28   | 22                        | -    | -                     | -                 |      |
| EAST SOUTH CENTRAL-----   | -       | 2    | 2                        | 11              | -                 | 5            | -                 | 107  | 111                       | -    | 10                    | 22                |      |
| Kentucky-----             | -       | -    | -                        | 6               | -                 | 1            | -                 | 17   | 31                        | -    | 3                     | 11                |      |
| Tennessee-----            | -       | 2    | -                        | 3               | -                 | 3            | -                 | 55   | 33                        | -    | 2                     | 5                 |      |
| Alabama-----              | -       | -    | 1                        | -               | -                 | 1            | -                 | 19   | 19                        | -    | 5                     | 6                 |      |
| Mississippi-----          | -       | -    | 1                        | 2               | -                 | -            | -                 | 16   | 28                        | -    | -                     | -                 |      |
| WEST SOUTH CENTRAL-----   | -       | 4    | 1                        | 6               | 1                 | 8            | 6                 | 154  | 217                       | -    | 17                    | 10                |      |
| Arkansas-----             | -       | -    | -                        | 1               | -                 | 2            | -                 | 32   | 27                        | -    | 3                     | 2                 |      |
| Louisiana-----            | -       | -    | -                        | -               | -                 | 2            | 3                 | 21   | 78                        | -    | 1                     | -                 |      |
| Oklahoma-----             | -       | 2    | -                        | -               | -                 | -            | 1                 | 16   | 11                        | -    | -                     | -                 |      |
| Texas-----                | -       | 2    | 1                        | 5               | 1                 | 4            | 2                 | 85   | 101                       | -    | 13                    | 8                 |      |
| MOUNTAIN-----             | -       | 3    | 3                        | 9               | 1                 | -            | -                 | 40   | 70                        | -    | -                     | -                 |      |
| Montana-----              | -       | -    | -                        | -               | -                 | -            | -                 | 2    | 4                         | -    | -                     | -                 |      |
| Idaho-----                | -       | -    | -                        | -               | -                 | -            | -                 | 5    | 6                         | -    | -                     | -                 |      |
| Wyoming-----              | -       | 1    | -                        | -               | -                 | -            | -                 | 7    | 3                         | -    | -                     | -                 |      |
| Colorado-----             | -       | 2    | 1                        | 8               | -                 | -            | -                 | 4    | 8                         | -    | -                     | -                 |      |
| New Mexico-----           | -       | -    | -                        | -               | 1                 | -            | -                 | 15   | 30                        | -    | -                     | -                 |      |
| Arizona-----              | -       | -    | 2                        | -               | -                 | -            | -                 | 6    | 11                        | -    | -                     | -                 |      |
| Utah-----                 | -       | -    | -                        | 1               | -                 | -            | -                 | 1    | -                         | -    | -                     | -                 |      |
| Nevada-----               | -       | -    | -                        | -               | -                 | -            | -                 | -    | 8                         | -    | -                     | -                 |      |
| PACIFIC-----              | 1       | 2    | 6                        | 14              | -                 | 3            | 6                 | 82   | 82                        | -    | 1                     | 1                 |      |
| Alaska-----               | -       | -    | -                        | -               | -                 | -            | -                 | 4    | -                         | -    | -                     | -                 |      |
| Washington-----           | -       | -    | 1                        | -               | -                 | -            | -                 | 2    | 3                         | -    | -                     | -                 |      |
| Oregon-----               | -       | -    | 2                        | -               | -                 | -            | -                 | 7    | 12                        | -    | -                     | -                 |      |
| California-----           | 1       | 2    | 3                        | 9 <sup>14</sup> | -                 | 3            | 6                 | 69   | 67                        | -    | 1                     | 1                 |      |
| Hawaii-----               | -       | -    | -                        | -               | -                 | -            | -                 | 1    | -                         | -    | -                     | -                 |      |
| Puerto Rico-----          | -       | -    | 1                        | -               | -                 | -            | -                 | 16   | -                         | -    | -                     | -                 |      |

<sup>2</sup>Includes 2 cases of aseptic meningitis.

<sup>3</sup>Aseptic meningitis.

<sup>4</sup>Includes 11 cases of aseptic meningitis.

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The chart shows the number of deaths reported for 114 major cities of the United States by week for the current year, a 5-week moving average of these figures plotted at the central week and an adjusted average, 1954-58, for comparison. The adjusted average is computed as follows: From the total deaths reported each week for the years 1954-58, 3 central figures are selected by eliminating the highest and lowest figures reported for that week. A 5-week moving average of the arithmetic means of the 3 central figures is then computed. The adjusted average shown in the chart is this moving average increased by 2.3 percent to allow for estimated population growth in the cities.

The use of the adjusted average is based on the assumption that the crude death rate and changes in population will remain at the level of recent years. No allowance has been made for increased use of city hospital facilities.

Table 4 shows the number of death certificates received during the week indicated for deaths that occurred in a specified city. Figures compiled in this way, by week of receipt, usually approximate closely the number of deaths occurring during the week. However, differences are to be expected because of variations in the interval between death and receipt of the certificate and because of incomplete reporting due to holidays or vacations. If a report is not received from a city in time to be included in the total for the current week an estimate is made for use in plotting the figure in the chart.

The number of deaths in cities of the same size may also differ because of variations in the age, race, and sex composition of the populations, and because some cities are hospital centers serving the surrounding areas. Changes from year to year in the number of deaths may be due in part to population increases or decreases.

**Table 3. DEATHS IN 114 SELECTED CITIES BY GEOGRAPHIC DIVISIONS**

(By place of occurrence, and week of filing certificate. Excludes fetal deaths. Data exclude figures shown in parentheses in table 4)

| AREA                                | 44th week ended Nov. 7, 1959 | 43d week ended Oct. 31, 1959 | Adjusted average, 44th week 1954-58 | Percent change, adjusted average to current week <sup>1</sup> | CUMULATIVE NUMBER FIRST 44 WEEKS |         |                |
|-------------------------------------|------------------------------|------------------------------|-------------------------------------|---|----------------------------------|---------|----------------|
|                                     |                              |                              |                                     |   | 1959                             | 1958    | Percent change |
| TOTAL, REPORTING CITIES-----        | <sup>2</sup> 10,787          | 11,068                       | 10,842                              | -0.5  | <sup>2</sup> 488,211             | 485,024 | +0.7           |
| New England----- (14 cities)        | 687                          | 674                          | 720                                 | -4.6  | 30,874                           | 30,683  | +0.6           |
| Middle Atlantic----- (20 cities)    | <sup>2</sup> 3,059           | 3,167                        | 3,201                               | -4.4  | <sup>2</sup> 140,900             | 139,938 | +0.7           |
| East North Central----- (19 cities) | <sup>2</sup> 2,296           | 2,428                        | 2,336                               | -1.7  | <sup>2</sup> 104,474             | 103,521 | +0.9           |
| West North Central----- (9 cities)  | 751                          | 813                          | 798                                 | -5.9  | 33,995                           | 34,244  | -0.7           |
| South Atlantic----- (11 cities)     | 938                          | 890                          | 905                                 | +3.6  | 41,949                           | 41,921  | +0.1           |
| East South Central----- (8 cities)  | 525                          | 522                          | 488                                 | +7.6  | 22,459                           | 22,595  | -0.6           |
| West South Central----- (13 cities) | 911                          | 963                          | 868                                 | +5.0  | 41,093                           | 41,207  | -0.3           |
| Mountain----- (8 cities)            | 308                          | 312                          | 268                                 | +14.9   | 13,682                           | 12,935  | +5.8           |
| Pacific----- (12 cities)            | 1,312                        | 1,299                        | 1,313                               | -0.1  | 58,785                           | 57,980  | +1.4           |

<sup>1</sup>Adjusted average used as base.

<sup>2</sup>Includes estimates for missing cities.

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Table 4. DEATHS IN SELECTED CITIES

(By place of occurrence, and week of filing certificate. Excludes fetal deaths)

| AREA                       | 44th week ended Nov. 7, 1959 | 43d week ended Oct. 31, 1959 | CUMULATIVE NUMBER FIRST 44 WEEKS |         | AREA                            | 44th week ended Nov. 7, 1959 | 43d week ended Oct. 31, 1959 | CUMULATIVE NUMBER FIRST 44 WEEKS |         |
|----------------------------|------------------------------|------------------------------|----------------------------------|---------|---------------------------------|------------------------------|------------------------------|----------------------------------|---------|
|                            |                              |                              | 1959                             | 1958    |                                 |                              |                              | 1959                             | 1958    |
|                            |                              |                              |                                  |         |                                 |                              |                              |                                  |         |
| <b>NEW ENGLAND:</b>        |                              |                              |                                  |         | <b>WEST NORTH CENTRAL—Con.:</b> |                              |                              |                                  |         |
| Boston, Mass.-----         | 243                          | 208                          | 10,526                           | 10,529  | St. Louis, Mo.-----             | 222                          | 268                          | 10,303                           | 10,653  |
| Bridgeport, Conn.-----     | 29                           | 30                           | 1,724                            | 1,645   | St. Paul, Minn.-----            | 78                           | 63                           | 2,864                            | 3,079   |
| Cambridge, Mass.-----      | 30                           | 32                           | 1,247                            | 1,257   | Wichita, Kans.-----             | 41                           | 44                           | 2,074                            | 1,966   |
| Fall River, Mass.-----     | 26                           | 30                           | 1,236                            | 1,192   | <b>SOUTH ATLANTIC:</b>          |                              |                              |                                  |         |
| Hartford, Conn.-----       | 42                           | 63                           | 2,144                            | 2,198   | Atlanta, Ga.-----               | 121                          | 107                          | 4,850                            | 4,816   |
| Lowell, Mass.-----         | 29                           | 29                           | 1,031                            | 1,119   | Baltimore, Md.-----             | 237                          | 236                          | 10,573                           | 10,690  |
| Lynn, Mass.-----           | 16                           | 20                           | 1,017                            | 980     | Charlotte, N. C.-----           | 42                           | 29                           | 1,595                            | 1,522   |
| New Bedford, Mass.-----    | 30                           | 31                           | 1,061                            | 1,009   | Jacksonville, Fla.-----         | 59                           | 54                           | 2,499                            | 2,602   |
| New Haven, Conn.-----      | 61                           | 34                           | 1,954                            | 2,004   | Miami, Fla.-----                | 69                           | 69                           | 3,055                            | 3,116   |
| Providence, R. I.-----     | 61                           | 62                           | 2,825                            | 2,819   | Norfolk, Va.-----               | 43                           | 30                           | 1,722                            | 1,537   |
| Somerville, Mass.-----     | 12                           | 11                           | 560                              | 619     | Richmond, Va.-----              | 73                           | 56                           | 3,389                            | 3,282   |
| Springfield, Mass.-----    | 32                           | 37                           | 1,932                            | 1,838   | Savannah, Ga.-----              | 31                           | 25                           | 1,440                            | 1,425   |
| Waterbury, Conn.-----      | 23                           | 31                           | 1,217                            | 1,150   | St. Petersburg, Fla.-----       | (54)                         | (57)                         | (2,819)                          | (2,782) |
| Worcester, Mass.-----      | 53                           | 56                           | 2,400                            | 2,324   | Tampa, Fla.-----                | 56                           | 57                           | 2,731                            | 2,797   |
| <b>MIDDLE ATLANTIC:</b>    |                              |                              |                                  |         | <b>EAST SOUTH CENTRAL:</b>      |                              |                              |                                  |         |
| Albany, N. Y.-----         | 37                           | 38                           | 2,222                            | 2,152   | Birmingham, Ala.-----           | 89                           | 79                           | 3,611                            | 3,806   |
| Allentown, Pa.-----        | 42                           | 28                           | 1,512                            | 1,414   | Chattanooga, Tenn.-----         | 47                           | 43                           | 2,023                            | 2,073   |
| Buffalo, N. Y.-----        | 149                          | 147                          | 6,346                            | 6,525   | Knoxville, Tenn.-----           | 28                           | 23                           | 1,254                            | 1,174   |
| Camden, N. J.-----         | 36                           | 39                           | 1,800                            | 1,823   | Louisville, Ky.-----            | 101                          | 119                          | 4,951                            | 4,767   |
| Elizabeth, N. J.-----      | 40                           | 30                           | 1,318                            | 1,276   | Memphis, Tenn.-----             | 117                          | 126                          | 4,947                            | 5,048   |
| Erie, Pa.-----             | 56                           | 37                           | 1,620                            | 1,550   | Mobile, Ala.-----               | 41                           | 32                           | 1,683                            | 1,660   |
| Jersey City, N. J.-----    | 50                           | 68                           | 3,182                            | 3,048   | Montgomery, Ala.-----           | 35                           | 37                           | 1,450                            | 1,480   |
| Newark, N. J.-----         | 90                           | 116                          | 4,377                            | 4,145   | Nashville, Tenn.-----           | 67                           | 63                           | 2,540                            | 2,587   |
| New York City, N. Y.-----  | 1,641                        | 1,645                        | 72,243                           | 70,797  | <b>WEST SOUTH CENTRAL:</b>      |                              |                              |                                  |         |
| Paterson, N. J.-----       | 50                           | 38                           | 1,703                            | 1,790   | Austin, Tex.-----               | 31                           | 30                           | 1,398                            | 1,418   |
| Philadelphia, Pa.-----     | 351                          | 468                          | 21,339                           | 21,965  | Baton Rouge, La.-----           | 32                           | 36                           | 1,191                            | 1,206   |
| Pittsburgh, Pa.-----       | 183                          | 172                          | 8,112                            | 8,304   | Corpus Christi, Tex.-----       | 16                           | 21                           | 915                              | 918     |
| Reading, Pa.-----          | 121                          | 11                           | 961                              | 932     | Dallas, Tex.-----               | 119                          | 117                          | 5,182                            | 5,026   |
| Rochester, N. Y.-----      | 90                           | 113                          | 4,249                            | 4,434   | El Paso, Tex.-----              | 39                           | 40                           | 1,593                            | 1,586   |
| Schenectady, N. Y.-----    | 20                           | 30                           | 1,087                            | 982     | Fort Worth, Tex.-----           | 63                           | 69                           | 2,759                            | 2,639   |
| Scranton, Pa.-----         | 45                           | 45                           | 1,601                            | 1,521   | Houston, Tex.-----              | 107                          | 166                          | 6,759                            | 6,906   |
| Syracuse, N. Y.-----       | 65                           | 39                           | 2,743                            | 2,727   | Little Rock, Ark.-----          | 49                           | 39                           | 2,355                            | 2,384   |
| Trenton, N. J.-----        | 24                           | 46                           | 1,862                            | 2,030   | New Orleans, La.-----           | 171                          | 206                          | 7,398                            | 7,568   |
| Utica, N. Y.-----          | 37                           | 20                           | 1,236                            | 1,194   | Oklahoma City, Okla.-----       | 78                           | 74                           | 3,060                            | 2,953   |
| Yonkers, N. Y.-----        | 32                           | 37                           | 1,387                            | 1,329   | San Antonio, Tex.-----          | 100                          | 73                           | 4,146                            | 4,239   |
| <b>EAST NORTH CENTRAL:</b> |                              |                              |                                  |         | <b>WEST SOUTH CENTRAL:</b>      |                              |                              |                                  |         |
| Akron, Ohio-----           | 53                           | 57                           | 2,560                            | 2,462   | Shreveport, La.-----            | 45                           | 53                           | 2,235                            | 2,162   |
| Canton, Ohio-----          | 40                           | 30                           | 1,467                            | 1,358   | Tulsa, Okla.-----               | 61                           | 39                           | 2,122                            | 2,202   |
| Chicago, Ill.-----         | 707                          | 749                          | 32,984                           | 32,905  | <b>MOUNTAIN:</b>                |                              |                              |                                  |         |
| Cincinnati, Ohio-----      | 144                          | 138                          | 6,945                            | 7,034   | Albuquerque, N. Mex.-----       | 30                           | 23                           | 1,309                            | 1,229   |
| Cleveland, Ohio-----       | 193                          | 210                          | 9,144                            | 9,100   | Colorado Springs, Colo.-----    | 23                           | 19                           | 687                              | 665     |
| Columbus, Ohio-----        | 131                          | 114                          | 5,144                            | 5,041   | Denver, Colo.-----              | 121                          | 120                          | 5,043                            | 4,916   |
| Dayton, Ohio-----          | 81                           | 66                           | 2,960                            | 3,134   | Ogden, Utah-----                | 11                           | 9                            | 661                              | 641     |
| Detroit, Mich.-----        | 319                          | 367                          | 14,351                           | 13,913  | Phoenix, Ariz.-----             | 43                           | 42                           | 2,225                            | 1,939   |
| Evansville, Ind.-----      | 34                           | 38                           | 1,597                            | 1,670   | Pueblo, Colo.-----              | 13                           | 16                           | 609                              | 567     |
| Flint, Mich.-----          | 36                           | 29                           | 1,754                            | 1,641   | Salt Lake City, Utah-----       | 56                           | 59                           | 2,128                            | 2,102   |
| Fort Wayne, Ind.-----      | 29                           | 36                           | 1,586                            | 1,518   | Tucson, Ariz.-----              | 11                           | 24                           | 1,020                            | 876     |
| Gary, Ind.-----            | 124                          | 40                           | 2,294                            | 1,364   | <b>PACIFIC:</b>                 |                              |                              |                                  |         |
| Grand Rapids, Mich.-----   | 39                           | 62                           | 1,849                            | 1,782   | Berkeley, Calif.-----           | 16                           | 16                           | 740                              | 820     |
| Indianapolis, Ind.-----    | 141                          | 141                          | 6,047                            | 5,700   | Fresno, Calif.-----             | (42)                         | (32)                         | (1,760)                          | (1,736) |
| Madison, Wis.-----         | (37)                         | (26)                         | (1,303)                          | (1,432) | Glendale, Calif.-----           | (43)                         | (28)                         | (1,593)                          | (1,440) |
| Milwaukee, Wis.-----       | 126                          | 144                          | 5,600                            | 5,755   | Long Beach, Calif.-----         | 47                           | 55                           | 2,369                            | 2,403   |
| Peoria, Ill.-----          | 31                           | 27                           | 1,279                            | 1,399   | Los Angeles, Calif.-----        | 524                          | 451                          | 21,094                           | 21,105  |
| Rockford, Ill.-----        | (29)                         | (23)                         | (1,208)                          | (1,145) | Oakland, Calif.-----            | 91                           | 83                           | 3,963                            | 4,047   |
| South Bend, Ind.-----      | 26                           | 28                           | 1,197                            | 1,162   | Pasadena, Calif.-----           | 28                           | 38                           | 1,381                            | 1,515   |
| Toledo, Ohio-----          | 99                           | 96                           | 4,367                            | 4,283   | Portland, Oreg.-----            | 86                           | 83                           | 4,820                            | 4,351   |
| Youngstown, Ohio-----      | 43                           | 56                           | 2,349                            | 2,300   | Sacramento, Calif.-----         | 67                           | 38                           | 2,418                            | 2,254   |
| <b>WEST NORTH CENTRAL:</b> |                              |                              |                                  |         | <b>PACIFIC:</b>                 |                              |                              |                                  |         |
| Des Moines, Iowa-----      | 53                           | 47                           | 2,338                            | 2,378   | San Diego, Calif.-----          | 94                           | 75                           | 3,583                            | 3,599   |
| Duluth, Minn.-----         | 32                           | 27                           | 1,110                            | 1,094   | San Francisco, Calif.-----      | 144                          | 234                          | 8,472                            | 8,275   |
| Kansas City, Kans.-----    | 31                           | 39                           | 1,563                            | 1,251   | San Jose, Calif.-----           | (29)                         | (33)                         | (1,124)                          | (984)   |
| Kansas City, Mo.-----      | 125                          | 127                          | 5,246                            | 5,313   | Seattle, Wash.-----             | 141                          | 147                          | 6,003                            | 5,901   |
| Lincoln, Nebr.-----        | (31)                         | (32)                         | (1,146)                          | (1,089) | Spokane, Wash.-----             | 40                           | 52                           | 2,172                            | 1,991   |
| Minneapolis, Minn.-----    | 104                          | 124                          | 5,390                            | 5,471   | Tacoma, Wash.-----              | 34                           | 27                           | 1,770                            | 1,719   |
| Omaha, Nebr.-----          | 65                           | 74                           | 3,107                            | 3,039   | Honolulu, Hawaii-----           | (25)                         | (42)                         | (1,660)                          | (1,603) |

<sup>1</sup>Estimated.

<sup>2</sup>Includes estimate for current week.

## EPIDEMIOLOGICAL REPORTS—Continued

fish were fried to order. No samples were available for laboratory tests.

Gastroenteritis

Dr. Grace E. Lutman, Massachusetts District Health Officer, reported an outbreak of gastroenteritis among 500 students who ate a dinner at a junior-senior high school. Ninety students became ill. The menu consisted of spaghetti with tomato sauce and hamburger, tuna fish salad sandwiches, egg salad sandwiches, cabbage salad made with carrots and cabbage, bread, jello with whipped cream, and milk, tea, and coffee. Cramps and diarrhea were the only complaints reported. The incubation period was noted for only 1 case—7½ hours. Stool specimens from 10 persons and a sample of spaghetti sauce and meatballs were negative for pathogenic organisms.

## QUARANTINE MEASURES

Immunization Information for International Travel

Public Health Service Publication No. 384 (1959)

Change Reported

The following name should be added to the list of Designated Yellow Fever Vaccination Centers, Section 6:

| <u>State and city</u> | <u>Center</u>   | <u>Clinic hours</u>                          | <u>Fee</u> |
|-----------------------|---|--|------------|
| Ohio<br>Dayton        | The Dayton Division of Health, Municipal Building, Room 408 | Wednesday<br>3-4 p.m.<br>by appointment only | Yes        |

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Public Health Service

## EXPLANATION OF SYMBOLS USED IN TABLES

|   |     |
|---|-----|
| Data not available-----                             | --- |
| Quantity zero-----                                  | -   |
| Percent more than 0 but less than 0.05-----         | 0.0 |
| Disease stated not notifiable-----                  | *   |
| Figures within parentheses not included in totals-- | ( ) |

## SOURCE AND NATURE OF MORBIDITY DATA

These provisional data are based on reports to the Public Health Service from health departments of each State and of Hawaii and Puerto Rico. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday. Cumulative totals are routinely revised to include corrected and revised figures and delayed reports. In table 1, data for Alaska are included for 1959 but not for prior years. In table 2, total figures for the United States and the Pacific Division include figures for Alaska for 1959 only. Cases of anthrax, botulism, and rabies in man are not shown in table 2, but a footnote to table 1 shows the States reporting these diseases. When diseases of rare occurrence (cholera, dengue, plague, louse-borne relapsing fever, smallpox, louse-borne epidemic typhus, and yellow fever) are reported, this will be noted below table 1.

POSTAGE AND FEES PAID  
U. S. DEPARTMENT OF H. E. W.