

# Morbidity and Mortality

Weekly Report

PUBLIC HEALTH SERVICE

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

Prepared by the NATIONAL OFFICE OF VITAL STATISTICS Executive 3-6300, Ext. 4744

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## Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended September 19, 1959

For the week ended September 19, a total of 515 cases of poliomyelitis was reported, of which 326 were paralytic and 149 nonparalytic. For the preceding week, the revised total was 510, including 273 paralytic cases. For the week ended September 20, 1958, the peak week in 1958, there were 431 cases reported, of which 221 were paralytic. The 326 paralytic cases reported for the current week is the second highest figure this year. The number of paralytic cases originally reported for the week ended August 29 was 318 cases, but this was revised to a total of 330 cases.

The cumulative total of paralytic cases so far in 1959 is now 3,407, compared to 1,618 cases during the same period in 1958. The cumulative figure for 1959 now exceeds the provisional figure for the entire year of 1958 when 3,140 cases were reported. The final figure for 1958 was 3,697 paralytic cases.

The increase in paralytic cases for the current week, compared with figures for the previous week, was most evident in

the Pacific Division where Washington State reported 24 paralytic cases and California 26, compared with 8 and 18 cases respectively for the previous week. In the South Atlantic Division, North Carolina reported 19 paralytic cases, compared to 8 for the previous week, Maryland reported 4, and South Carolina 7 to account for the increase in that division. However, both Virginia and West Virginia reported substantial decreases. In the New England Division, Maine reported 7 paralytic cases and Massachusetts 12, compared to 3 and 7 cases respectively last week. Other States which reported sizable increases were New York, Michigan, Minnesota, and Arkansas. Missouri reported about the same number of paralytic cases for the current week (14) as last week (12). Iowa reported a drop from 10 paralytic cases last week to 5 this week. Of the 26 paralytic cases reported in New York, 12 were in New York City and the remainder in upstate New York.

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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) | 37th WEEK                         |                      |                | CUMULATIVE NUMBER |         |                |                         |         |                           | Approximate seasonal low point |
|--|-----------------------------------|----------------------|----------------|-------------------|---------|----------------|-------------------------|---------|---------------------------|--------------------------------|
|  | Ended Sept. 19, 1959 <sup>1</sup> | Ended Sept. 20, 1958 | Median 1954-58 | First 37 weeks    |         |                | Since seasonal low week |         |                           |                                |
|  |                                   |                      |                | 1959 <sup>1</sup> | 1958    | Median 1954-58 | 1958-59 <sup>1</sup>    | 1957-58 | Median 1953-54 to 1957-58 |                                |
| Anthrax-----062  | -                                 | 1                    | 1              | 12                | 12      | 16             | (2)                     | (2)     | (2)                       | (2)                            |
| Botulism-----049.1   | -                                 | -                    | -              | 13                | 3       | 6              | (2)                     | (2)     | (2)                       | (2)                            |
| Brucellosis (undulant fever)-----044                       | 26                                | 16                   | 22             | 552               | 592     | 759            | (2)                     | (2)     | (2)                       | (2)                            |
| Diphtheria-----055   | 18                                | 28                   | 34             | 539               | 454     | 965            | 151                     | 132     | 235                       | July 1                         |
| Encephalitis, infectious-----082                           | 85                                | 132                  | 86             | 1,433             | 1,603   | 1,320          | 852                     | 1,009   | 779                       | June 1                         |
| Hepatitis, infectious,<br>and serum-----092, 098.5 pt.     | 442                               | 260                  | 260            | 15,904            | 10,869  | 14,301         | 1,126                   | 808     | 808                       | Sept. 1                        |
| Malaria-----110-117  | -                                 | 1                    | 11             | 56                | 50      | 181            | (2)                     | (2)     | (2)                       | (2)                            |
| Measles-----085  | 945                               | 1,109                | 862            | 365,172           | 708,309 | 561,336        | 2,887                   | 3,565   | 2,712                     | Sept. 1                        |
| Meningococcal infections-----057                           | 40                                | 64                   | 42             | 1,649             | 1,902   | 1,961          | 85                      | 182     | 118                       | Sept. 1                        |
| Meningitis, other-----340                                  | 245                               | 128                  | -              | 3,525             | 2,617   | -              | -                       | -       | -                         | -                              |
| Poliomyelitis-----080                                      | 515                               | 431                  | 763            | 5,514             | 3,330   | 11,404         | 5,246                   | 3,143   | 10,425                    | Apr. 1                         |
| Paralytic-----080.0, 080.1                                 | 326                               | 221                  | 272            | 3,407             | 1,618   | 4,940          | 3,220                   | 1,515   | 4,409                     | Apr. 1                         |
| Nonparalytic-----080.2                                     | 149                               | 141                  | 325            | 1,585             | 1,227   | 4,440          | 1,540                   | 1,168   | 4,178                     | Apr. 1                         |
| Unspecified-----080.3                                      | 40                                | 69                   | 166            | 522               | 485     | 2,024          | 486                     | 460     | 1,838                     | Apr. 1                         |
| Fittacosis-----096.2                                       | 3                                 | -                    | 4              | 81                | 110     | 200            | (2)                     | (2)     | (2)                       | (2)                            |
| Rabies in man-----094                                      | 4                                 | -                    | -              | 4                 | 2       | 4              | (2)                     | (2)     | (2)                       | (2)                            |
| Typhoid fever-----040                                      | 24                                | 33                   | 46             | 563               | 744     | 1,238          | 439                     | 578     | 948                       | Apr. 1                         |
| Typhus fever, endemic-----101                              | 2                                 | -                    | 2              | 33                | 56      | 94             | 27                      | 45      | 70                        | Apr. 1                         |
| Rabies in animals-----                                     | 78                                | 69                   | 75             | 2,772             | 3,446   | 3,579          | 3,663                   | 4,344   | 4,679                     | Oct. 1                         |

<sup>1</sup>Data exclude reports from Mississippi and New Hampshire for the current week. in incidence.

<sup>3</sup>Includes 69 cases of aseptic meningitis; see footnotes to table 2.

<sup>2</sup>Data show no pronounced seasonal change

<sup>4</sup>Reported in Wisconsin.

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Additional information from Minnesota shows that 7 of the total 23 cases in that State were reported in St. Paul. In California 13 of the 26 paralytic cases occurred in Los Angeles County. No other reports of localization of cases were received.

Deaths due to poliomyelitis reported in the current week from several States were as follows: Illinois 2, Minnesota 1, South Carolina 1, and Virginia 2. So far this year, 6 deaths have been reported in Mississippi, 7 in Pennsylvania, and 11 in North Carolina. In North Carolina 4 of the 11 persons who died were less than 5 years of age, 2 were between 5 and 9 years, and 5 were 20 years old or older. Seven had received no poliomyelitis vaccine and 2 had received 3 doses.

Based on a 10-percent sample of death certificates filed in the first 7 months of 1959, it is estimated that there were 150 deaths from poliomyelitis in the United States during this period. This number is considerably in excess of the estimated number for the same period of 1958. These figures should be interpreted with caution because the number of deaths from this disease found in the sample is relatively small and subject to rather large sampling errors. Much of the difference between numbers of deaths from poliomyelitis in the first 7 months of 1959 and 1958 is probably due to the fact that the "poliomyelitis season" began much earlier this year than last.

Wisconsin reports a death from human rabies. Information from another source states the infection followed a bite by a bat. Diagnosis was confirmed by observation of Negri bodies in brain tissue taken from the victim at autopsy.

### EPIDEMIOLOGICAL REPORTS

#### Aseptic meningitis

Information has been received from the Division of Indian Health, U.S. Public Health Service, that ECHO 9 virus has been identified in laboratory studies of the outbreak of aseptic meningitis on an Indian reservation in New Mexico, which had been reported previously for the weeks ended September 5 and August 8. There were at least 27 cases, 1 or more occurring in 8 separate population centers on the reservation. It was reported there was a considerable amount of extended visiting and moving about on the reservation, and the disease was apparently spread by person-to-person contact. Sanitary measures were described as primitive. No cases occurred in neighboring areas. Except for 1 case in an adult, all of the cases were in children under 14 years of age. The attack rates in the age groups under 1 year, 1 to 4 years, and 5 to 9 years were 5 percent. The clinical picture was characterized by a sudden onset of fever, malaise, pharyngitis, mild conjunctival injection, and vomiting, progressing within 36 hours to include stiff neck, mild to moderate lethargy, and often headache, especially in the older individuals. Several of the infants suffered diarrhea. The only severe cases were in infants dehydrated secondary to gastrointestinal symptoms. Laboratory studies on spinal fluid specimens showed pleocytosis varying from 22 to 3,000 cells.

Early in the illness about 50 to 75 percent of the cells were polymorphonuclear leukocytes and later predominantly lymphocytes.

#### Amebiasis

The Mississippi Morbidity Report for the week ended September 11 states that a family outbreak of amebic dysentery has been reported. Five persons suffered onset of dysentery 3 days after completing a 2-day rural visit. Large numbers of trophozoites have been found in stool specimens of 3 of the individuals. All 5 reported obtaining drinking water from an old spring.

#### Gastroenteritis

The California State Department of Public Health supplied information on 5 outbreaks of gastroenteritis of an undetermined origin. One outbreak occurred at a labor camp where 48 of 240 persons became ill several hours after eating an evening meal. Food handling procedures at the camp appeared to be satisfactory except for the method of handling lunches, but it appeared unlikely that the noon meal was responsible for the outbreak. Bread pudding served at the evening meal might have been the vehicle, but this item reportedly was well cooked and served hot. There was some evidence suggesting that the illness may not have been food borne. Three other outbreaks were related to meals eaten in restaurants. In two of these the suspect foods were lobster thermidor and pork fried rice, but laboratory tests of these foods revealed no pathogens. Illness in the other outbreak began from 12 to 48 hours after the suspect meal. Symptoms were very mild for most of the 38 persons who said they were ill. No food item was incriminated. The 5th outbreak was related to food ordered from a restaurant. The food was prepared just before delivery and was delivered hot. Illness developed 1 hour after eating the food. Chemical food poisoning was suspected.

### QUARANTINE MEASURES

#### Immunization Information for International Travel

Public Health Service Publication No. 384 (1959)

#### Notice

The 1959 edition of the booklet Immunization Information for International Travel is on sale at the Superintendent of Documents, U. S. Government Printing Office, Washington 25, D. C. The cost is 30 cents a copy, with a 25-percent discount on orders of 100 or more copies delivered to one address. Facilities of the Public Health Service may order their copies through regular requisition channels. Copies of the 1958 edition should be destroyed.

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**Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED SEPTEMBER 20, 1958, AND SEPTEMBER 19, 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                             |      | 37th week      |      | Cumulative<br>first 37 weeks |      | 082                         |      | 37th week   |      | Cumulative<br>first 37 weeks |        |
|  | 1959                            | 1958 | 1959           | 1958 | 1959                         | 1958 | 1959                        | 1958 | 1959  | 1958 | 1959                         | 1958   |
| CONT. UNITED STATES <sup>1</sup> ----- | 26                              | 16   | 18             | 28   | 539                          | 454  | 85                          | 132  | 442   | 260  | 15,904                       | 10,899 |
| NEW ENGLAND <sup>1</sup> -----         | -                               | -    | -              | -    | 5                            | 5    | 1                           | 2    | 7   | 17   | 503                          | 411    |
| Maine-----                             | -                               | -    | -              | -    | -                            | -    | -                           | -    | -   | 2    | 83                           | 53     |
| New Hampshire-----                     | -                               | -    | -              | -    | 1                            | -    | -                           | -    | -   | -    | 113                          | 2      |
| Vermont-----                           | -                               | -    | -              | -    | -                            | -    | -                           | -    | -   | 3    | 23                           | 18     |
| Massachusetts-----                     | -                               | -    | -              | -    | 5                            | 4    | -                           | -    | 4   | 6    | 231                          | 203    |
| Rhode Island-----                      | -                               | -    | -              | -    | -                            | -    | 1                           | 2    | 1   | -    | 51                           | 49     |
| Connecticut-----                       | -                               | -    | -              | -    | -                            | 1    | -                           | -    | 2   | 6    | 102                          | 86     |
| MIDDLE ATLANTIC-----                   | 2                               | -    | -              | 2    | 44                           | 33   | 27                          | 5    | 56  | 26   | 2,382                        | 1,402  |
| New York-----                          | 1                               | -    | -              | 1    | 23                           | 16   | 15                          | 5    | 30  | 16   | 1,400                        | 959    |
| New Jersey-----                        | -                               | -    | -              | -    | 9                            | 1    | 4                           | -    | 5   | 2    | 261                          | 113    |
| Pennsylvania-----                      | 1                               | -    | -              | 1    | 12                           | 16   | 8                           | -    | 21  | 8    | 721                          | 330    |
| EAST NORTH CENTRAL-----                | 10                              | -    | 1              | -    | 26                           | 29   | 19                          | 23   | 51  | 30   | 2,577                        | 1,931  |
| Ohio-----                              | 1                               | -    | -              | -    | 8                            | 6    | 10                          | 7    | 14  | 8    | 764                          | 605    |
| Indiana-----                           | 1                               | -    | -              | -    | 4                            | 13   | 6                           | 14   | 1   | 4    | 240                          | 178    |
| Illinois-----                          | 8                               | -    | -              | -    | 9                            | 4    | 2                           | 1    | 19  | 5    | 555                          | 467    |
| Michigan-----                          | -                               | -    | 1              | -    | 3                            | 5    | 1                           | 1    | 13  | 9    | 866                          | 525    |
| Wisconsin-----                         | -                               | -    | -              | -    | 2                            | 1    | -                           | -    | 4   | 4    | 152                          | 156    |
| WEST NORTH CENTRAL-----                | 9                               | 5    | 4              | 3    | 43                           | 77   | 3                           | 46   | 40  | 18   | 1,271                        | 914    |
| Minnesota-----                         | -                               | -    | -              | -    | 18                           | 30   | -                           | -    | 8   | 1    | 315                          | 123    |
| Iowa-----                              | 8                               | 3    | -              | -    | 3                            | 13   | -                           | 5    | 1   | 2    | 117                          | 173    |
| Missouri-----                          | -                               | -    | 1              | -    | 5                            | 14   | -                           | 1    | 11  | 5    | 349                          | 179    |
| North Dakota-----                      | 1                               | -    | -              | -    | 2                            | 3    | 1                           | -    | 7   | 7    | 248                          | 155    |
| South Dakota-----                      | -                               | -    | -              | -    | 3                            | 5    | -                           | 1    | 7   | -    | 41                           | 10     |
| Nebraska-----                          | -                               | -    | 3              | 2    | 12                           | 10   | -                           | 9    | 2   | 3    | 60                           | 59     |
| Kansas-----                            | -                               | 2    | -              | 1    | -                            | 2    | 2                           | 30   | 4   | -    | 141                          | 215    |
| SOUTH ATLANTIC-----                    | -                               | 2    | 6              | 5    | 148                          | 119  | 16                          | 14   | 42  | 29   | 1,410                        | 812    |
| Delaware-----                          | -                               | -    | -              | -    | -                            | -    | -                           | -    | 2   | 1    | 83                           | 40     |
| Maryland-----                          | -                               | -    | -              | -    | 7                            | 3    | 5                           | -    | 7   | 5    | 322                          | 93     |
| District of Columbia-----              | -                               | -    | -              | -    | -                            | -    | 1                           | -    | -   | -    | 12                           | 12     |
| Virginia-----                          | -                               | 1    | 1              | -    | 9                            | 15   | -                           | -    | 18  | 8    | 333                          | 206    |
| West Virginia-----                     | -                               | -    | -              | -    | 2                            | 9    | 1                           | -    | 4   | 4    | 243                          | 118    |
| North Carolina-----                    | -                               | -    | 1              | 1    | 15                           | 16   | -                           | 3    | 1   | 1    | 85                           | 41     |
| South Carolina-----                    | -                               | -    | 2              | -    | 19                           | 20   | -                           | -    | 7   | -    | 33                           | 37     |
| Georgia-----                           | -                               | 1    | 2              | -    | 49                           | 31   | 4                           | 10   | -   | 3    | 106                          | 84     |
| Florida-----                           | -                               | -    | -              | 4    | 47                           | 25   | 5                           | 1    | 3   | 7    | 193                          | 181    |
| EAST SOUTH CENTRAL <sup>1</sup> -----  | 2                               | -    | 2              | 1    | 60                           | 44   | 6                           | 6    | 36  | 18   | 1,427                        | 916    |
| Kentucky-----                          | 2                               | -    | 2              | -    | 9                            | 4    | 3                           | 1    | 19  | 7    | 672                          | 424    |
| Tennessee-----                         | -                               | -    | -              | -    | 6                            | 5    | 3                           | 2    | 16  | 7    | 335                          | 253    |
| Alabama-----                           | -                               | -    | -              | 1    | 14                           | 21   | -                           | 2    | 1   | 1    | 305                          | 178    |
| Mississippi-----                       | -                               | -    | -              | -    | 31                           | 14   | -                           | 1    | -   | 3    | 115                          | 61     |
| WEST SOUTH CENTRAL-----                | 2                               | 4    | 5              | 16   | 183                          | 108  | 5                           | 6    | 34  | 17   | 1,259                        | 884    |
| Arkansas-----                          | 1                               | 2    | -              | -    | 34                           | 12   | 1                           | -    | 2   | 3    | 64                           | 88     |
| Louisiana-----                         | 1                               | 1    | 3              | 15   | 47                           | 34   | -                           | -    | 1   | -    | 99                           | 8      |
| Oklahoma-----                          | -                               | -    | -              | -    | 2                            | 22   | -                           | -    | 4   | -    | 173                          | 114    |
| Texas-----                             | -                               | 1    | 2              | 1    | 100                          | 40   | 4                           | 6    | 27  | 14   | 923                          | 674    |
| MOUNTAIN-----                          | 1                               | 2    | -              | 1    | 18                           | 30   | 1                           | 13   | 70  | 43   | 2,145                        | 1,474  |
| Montana-----                           | -                               | -    | -              | -    | -                            | 7    | -                           | 1    | 2   | 10   | 197                          | 290    |
| Idaho-----                             | -                               | -    | -              | -    | -                            | 1    | -                           | -    | 29  | 17   | 247                          | 131    |
| Wyoming-----                           | -                               | -    | -              | -    | -                            | 2    | -                           | -    | -   | -    | 47                           | 8      |
| Colorado-----                          | 1                               | -    | -              | -    | 7                            | 7    | 1                           | 9    | 19  | 4    | 661                          | 181    |
| New Mexico-----                        | -                               | -    | -              | -    | 8                            | 10   | -                           | 1    | 8   | 1    | 406                          | 253    |
| Arizona-----                           | -                               | -    | -              | 1    | 2                            | 3    | -                           | -    | 9   | 8    | 425                          | 371    |
| Utah-----                              | -                               | 1    | -              | -    | -                            | -    | -                           | 1    | 2   | 3    | 141                          | 140    |
| Nevada-----                            | -                               | 1    | -              | -    | 1                            | -    | -                           | 1    | 1   | -    | 21                           | 100    |
| PACIFIC-----                           | -                               | 3    | -              | -    | 12                           | 9    | 7                           | 17   | 106   | 62   | 2,930                        | 2,145  |
| Alaska-----                            | -                               | -    | -              | -    | 5                            | -    | -                           | -    | 10  | -    | 63                           | (67)   |
| Washington-----                        | -                               | -    | -              | -    | -                            | -    | 1                           | -    | 14  | 6    | 386                          | 350    |
| Oregon-----                            | -                               | -    | -              | -    | 3                            | 5    | -                           | -    | 16  | 16   | 591                          | 311    |
| California-----                        | -                               | 3    | -              | -    | 4                            | 4    | 6                           | 17   | 66  | 40   | 1,890                        | 1,484  |
| Hawaii-----                            | -                               | -    | -              | -    | 2                            | -    | -                           | -    | -   | 1    | 33                           | 52     |
| Puerto Rico-----                       | -                               | -    | 1              | 1    | 21                           | 36   | -                           | -    | 8   | -    | 219                          | 111    |

<sup>1</sup>Data exclude reports from New Hampshire and Mississippi for the current week.

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED SEPTEMBER 20, 1958, AND SEPTEMBER 19, 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>2</sup> |      |                           |       | Paralytic 080.0,080.1 |      |                           |       | Nonparalytic |      | 085     |       |
|  | 37th week          |      | Cumulative first 37 weeks |       | 37th week             |      | Cumulative first 37 weeks |       | 080.2        |      | 085     |       |
|  | 1959               | 1958 | 1959                      | 1958  | 1959                  | 1958 | 1959                      | 1958  | 1959         | 1958 | 1959    | 1958  |
| CONF. UNITED STATES <sup>1</sup> ----- | 515                | 431  | 5,514                     | 3,330 | 326                   | 221  | 3,407                     | 1,618 | 149          | 141  | 945     | 1,109 |
| NEW ENGLAND <sup>1</sup> -----         | 25                 | 8    | 208                       | 70    | 21                    | 6    | 143                       | 37    | 3            | 2    | 29      | 126   |
| Maine-----                             | 7                  | -    | 13                        | 2     | 7                     | -    | 13                        | 2     | -            | -    | 3       | 8     |
| New Hampshire-----                     | -                  | -    | 13                        | 4     | -                     | -    | 12                        | -     | -            | -    | -       | 3     |
| Vermont-----                           | -                  | -    | 2                         | 4     | -                     | -    | 2                         | 3     | -            | -    | -       | 8     |
| Massachusetts-----                     | 15                 | 2    | 93                        | 23    | 12                    | 1    | 64                        | 8     | 2            | 1    | 24      | 99    |
| Rhode Island-----                      | 1                  | -    | 4                         | 3     | -                     | -    | 3                         | 3     | 1            | -    | -       | 4     |
| Connecticut-----                       | 2                  | 6    | 93                        | 34    | 2                     | 5    | 59                        | 21    | -            | 1    | 2       | 4     |
| MIDDLE ATLANTIC-----                   | 62                 | 58   | 423                       | 419   | 40                    | 33   | 237                       | 234   | 18           | 18   | 77      | 124   |
| New York-----                          | 42                 | 19   | 248                       | 169   | 26                    | 9    | 131                       | 103   | 13           | 10   | 59      | 54    |
| New Jersey-----                        | 8                  | 28   | 82                        | 189   | 6                     | 13   | 45                        | 80    | 1            | 8    | 15      | 26    |
| Pennsylvania-----                      | 12                 | 11   | 93                        | 61    | 8                     | 11   | 61                        | 51    | 4            | -    | 3       | 44    |
| EAST NORTH CENTRAL-----                | 98                 | 209  | 790                       | 1,049 | 28                    | 83   | 306                       | 401   | 50           | 83   | 203     | 293   |
| Ohio-----                              | 10                 | 46   | 184                       | 195   | 4                     | 15   | 77                        | 62    | 2            | 8    | 27      | 48    |
| Indiana-----                           | 5                  | 7    | 100                       | 74    | -                     | 3    | 57                        | 34    | -            | 2    | 6       | 17    |
| Illinois-----                          | 30                 | 25   | 174                       | 134   | 11                    | 7    | 85                        | 39    | 9            | 12   | 58      | 46    |
| Michigan-----                          | 52                 | 129  | 303                       | 612   | 13                    | 58   | 73                        | 253   | 39           | 61   | 44      | 107   |
| Wisconsin-----                         | 1                  | 2    | 29                        | 34    | -                     | -    | 14                        | 13    | -            | -    | 68      | 75    |
| WEST NORTH CENTRAL-----                | 84                 | 36   | 1,139                     | 213   | 52                    | 13   | 562                       | 87    | 27           | 15   | 20      | 62    |
| Minnesota-----                         | 23                 | 2    | 142                       | 17    | 19                    | 2    | 111                       | 11    | 4            | -    | 1       | 3     |
| Iowa-----                              | 10                 | 5    | 359                       | 50    | 5                     | -    | 146                       | 11    | 4            | 4    | 3       | 20    |
| Missouri-----                          | 30                 | 17   | 348                       | 68    | 14                    | 8    | 191                       | 37    | 12           | 6    | 2       | 24    |
| North Dakota-----                      | 4                  | 5    | 10                        | 31    | 3                     | 2    | 6                         | 20    | 1            | 2    | 13      | 13    |
| South Dakota-----                      | -                  | -    | 12                        | 6     | -                     | -    | -                         | 1     | -            | -    | -       | 1     |
| Nebraska-----                          | 6                  | 4    | 111                       | 19    | 4                     | 1    | 62                        | 3     | 2            | 3    | 1       | 1     |
| Kansas-----                            | 11                 | 3    | 157                       | 22    | 7                     | -    | 46                        | 4     | 4            | -    | (*)     | (*)   |
| SOUTH ATLANTIC-----                    | 95                 | 46   | 856                       | 520   | 68                    | 29   | 638                       | 262   | 21           | 8    | 51      | 89    |
| Delaware-----                          | 2                  | 1    | 8                         | 15    | 2                     | 1    | 7                         | 8     | -            | -    | 2       | 2     |
| Maryland-----                          | 4                  | 2    | 15                        | 10    | 4                     | 1    | 13                        | 8     | -            | 1    | 11      | 10    |
| District of Columbia-----              | 1                  | -    | 6                         | 5     | 1                     | -    | 5                         | 3     | -            | -    | 1       | 4     |
| Virginia-----                          | 18                 | 5    | 216                       | 82    | 12                    | 5    | 159                       | 63    | 6            | -    | 24      | 30    |
| West Virginia-----                     | 25                 | 17   | 123                       | 107   | 14                    | 14   | 94                        | 67    | 10           | 1    | 7       | 16    |
| North Carolina-----                    | 20                 | 5    | 167                       | 69    | 19                    | 2    | 141                       | 22    | 1            | 3    | 2       | 5     |
| South Carolina-----                    | 9                  | 1    | 58                        | 16    | 7                     | 1    | 32                        | 9     | 2            | -    | -       | -     |
| Georgia-----                           | 6                  | 3    | 110                       | 37    | 6                     | 3    | 85                        | 22    | 2            | -    | 3       | 16    |
| Florida-----                           | 10                 | 12   | 153                       | 179   | 3                     | 2    | 102                       | 60    | 2            | 3    | 1       | 4     |
| EAST SOUTH CENTRAL <sup>1</sup> -----  | 34                 | 11   | 573                       | 204   | 27                    | 7    | 424                       | 81    | 5            | 3    | 32      | 86    |
| Kentucky-----                          | 4                  | 4    | 38                        | 33    | 4                     | 4    | 34                        | 25    | -            | -    | 14      | 21    |
| Tennessee-----                         | 20                 | 2    | 249                       | 67    | 15                    | 1    | 181                       | 20    | 3            | 1    | 18      | 57    |
| Alabama-----                           | 10                 | 1    | 205                       | 28    | 8                     | -    | 170                       | 24    | 2            | -    | -       | 1     |
| Mississippi-----                       | -                  | 4    | 81                        | 76    | -                     | 2    | 139                       | 12    | -            | 2    | -       | 7     |
| WEST SOUTH CENTRAL-----                | 45                 | 37   | 867                       | 488   | 30                    | 28   | 576                       | 306   | 15           | 9    | 148     | 82    |
| Arkansas-----                          | 19                 | 4    | 219                       | 15    | 16                    | 4    | 182                       | 13    | 3            | -    | 1       | 4     |
| Louisiana-----                         | 5                  | 7    | 109                       | 56    | 3                     | 4    | 78                        | 40    | 2            | 3    | -       | 1     |
| Oklahoma-----                          | 2                  | 3    | 122                       | 48    | 2                     | -    | 67                        | 17    | -            | 3    | 4       | -     |
| Texas-----                             | 19                 | 23   | 417                       | 369   | 9                     | 20   | 249                       | 236   | 10           | 3    | 143     | 77    |
| MOUNTAIN-----                          | 13                 | 9    | 143                       | 138   | 5                     | 6    | 81                        | 66    | 6            | 2    | 77      | 125   |
| Montana-----                           | -                  | 3    | 7                         | 55    | -                     | 2    | 2                         | 37    | -            | -    | 7       | 13    |
| Idaho-----                             | -                  | -    | 5                         | 9     | -                     | -    | -                         | -     | -            | -    | 18      | 7     |
| Wyoming-----                           | -                  | -    | 2                         | 4     | -                     | -    | 1                         | 1     | -            | -    | -       | 1     |
| Colorado-----                          | 3                  | 1    | 18                        | 13    | -                     | 1    | 13                        | 9     | 3            | -    | 18      | 53    |
| New Mexico-----                        | 4                  | 2    | 33                        | 24    | 4                     | 2    | 19                        | 9     | -            | -    | 17      | 11    |
| Arizona-----                           | 4                  | 2    | 66                        | 21    | 1                     | -    | 41                        | 7     | 3            | 2    | 9       | 27    |
| Utah-----                              | 2                  | -    | 8                         | 8     | -                     | -    | 2                         | 2     | -            | -    | 8       | 11    |
| Nevada-----                            | -                  | 1    | 4                         | 4     | -                     | 1    | 3                         | 1     | -            | -    | -       | 2     |
| PACIFIC-----                           | 59                 | 17   | 515                       | 229   | 55                    | 16   | 440                       | 144   | 4            | 1    | 308     | 122   |
| Alaska-----                            | -                  | (1)  | 12                        | (2)   | -                     | -    | 7                         | (1)   | -            | (1)  | 178     | (11)  |
| Washington-----                        | 24                 | -    | 111                       | 17    | 24                    | -    | 111                       | 3     | -            | -    | 22      | 30    |
| Oregon-----                            | 5                  | 3    | 106                       | 29    | 5                     | 3    | 82                        | 19    | -            | -    | 27      | 27    |
| California-----                        | 30                 | 14   | 286                       | 183   | 26                    | 13   | 240                       | 122   | 4            | 1    | 81      | 65    |
| Hawaii-----                            | -                  | 1    | 4                         | 64    | -                     | 1    | 4                         | 64    | -            | -    | 19      | 11    |
| Puerto Rico-----                       | -                  | -    | 3                         | 52    | -                     | -    | 3                         | 49    | -            | -    | 14      | 38    |

<sup>1</sup>Data exclude reports from New Hampshire and Mississippi for the current week.<sup>2</sup>Includes cases not specified by type, category number 080.3.

# Morbidity and Mortality Weekly Report

**Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED SEPTEMBER 20, 1958, AND SEPTEMBER 19, 1959—Continued**

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

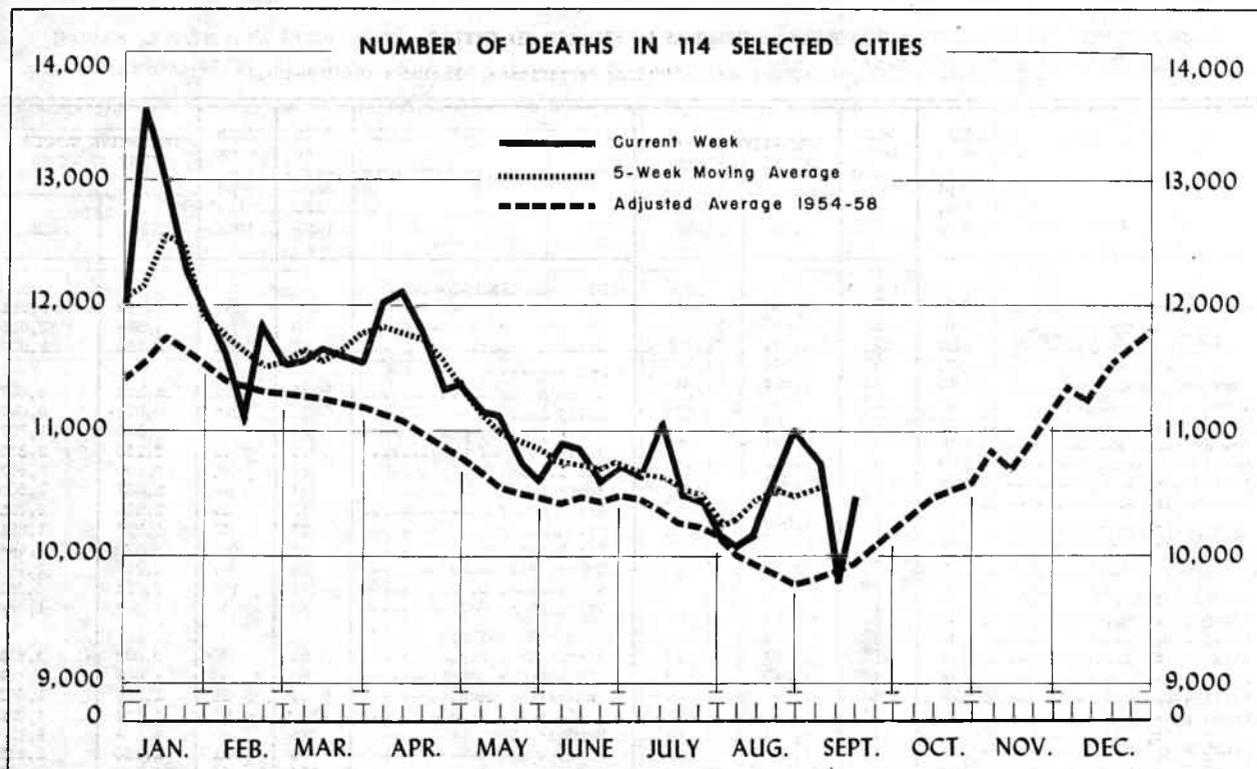
| AREA                                   | MALARIA |      | MENINGOCOCCAL INFECTIONS |               | MENINGITIS, OTHER | PSITTA-COSIS | TYPHOID FEVER 040 |               |                           |      | TYPHUS FEVER, ENDEMIC | RABIES IN ANIMALS |      |
|--|---------|------|--------------------------|---------------|-------------------|--------------|-------------------|---------------|---------------------------|------|-----------------------|-------------------|------|
|  | 110-117 |      | 057                      |               | 340               | 096.2        | 37th week         |               | Cumulative first 37 weeks |      | 101                   |                   |      |
|  | 1959    | 1958 | 1959                     | 1958          | 1959              | 1959         | 1959              | 1958          | 1959                      | 1958 | 1959                  | 1959              | 1958 |
| CONT. UNITED STATES <sup>1</sup> ----- | -       | 40   | 64                       | 245           | 3                 | 24           | 33                | 563           | 744                       | 2    | 78                    | 69                |      |
| NEW ENGLAND <sup>1</sup> -----         | -       | 1    | 3                        | 18            | -                 | -            | -                 | 14            | 15                        | -    | -                     | -                 |      |
| Maine-----                             | -       | -    | 2                        | <sup>31</sup> | -                 | -            | -                 | 2             | 1                         | -    | -                     | -                 |      |
| New Hampshire-----                     | -       | -    | -                        | -             | -                 | -            | -                 | 1             | 1                         | -    | -                     | -                 |      |
| Vermont-----                           | -       | -    | -                        | -             | -                 | -            | -                 | -             | -                         | -    | -                     | -                 |      |
| Massachusetts-----                     | -       | -    | 1                        | 14            | -                 | -            | -                 | 5             | 7                         | -    | -                     | -                 |      |
| Rhode Island-----                      | -       | 1    | -                        | 3             | -                 | -            | -                 | 2             | 1                         | -    | -                     | -                 |      |
| Connecticut-----                       | -       | -    | -                        | -             | -                 | -            | -                 | 5             | 5                         | -    | -                     | -                 |      |
| MIDDLE ATLANTIC-----                   | -       | 5    | 2                        | 6             | 1                 | 3            | 6                 | 52            | 86                        | -    | 24                    | 11                |      |
| New York-----                          | -       | 3    | 1                        | -             | -                 | 1            | 1                 | 19            | 26                        | -    | 23                    | 11                |      |
| New Jersey-----                        | -       | 1    | 1                        | <sup>36</sup> | -                 | -            | -                 | 10            | 17                        | -    | -                     | -                 |      |
| Pennsylvania-----                      | -       | 1    | -                        | -             | 1                 | 2            | 5                 | 23            | 43                        | -    | 1                     | -                 |      |
| EAST NORTH CENTRAL-----                | -       | 13   | 29                       | 73            | 1                 | 4            | 7                 | 75            | 78                        | -    | 2                     | 11                |      |
| Ohio-----                              | -       | 1    | 4                        | 30            | -                 | 1            | 1                 | 40            | 29                        | -    | -                     | -                 |      |
| Indiana-----                           | -       | -    | -                        | 10            | -                 | 2            | 1                 | 10            | 13                        | -    | -                     | 3                 |      |
| Illinois-----                          | -       | 1    | 2                        | 21            | -                 | 4            | 4                 | 14            | 20                        | -    | -                     | 3                 |      |
| Michigan-----                          | -       | 11   | 15                       | 12            | -                 | 1            | 1                 | 8             | 10                        | -    | 2                     | 1                 |      |
| Wisconsin-----                         | -       | -    | 8                        | -             | 1                 | -            | -                 | 3             | 6                         | -    | -                     | 4                 |      |
| WEST NORTH CENTRAL-----                | -       | 5    | 13                       | 10            | 1                 | 2            | 2                 | 35            | 61                        | -    | 19                    | 14                |      |
| Minnesota-----                         | -       | 1    | -                        | -             | 1                 | 1            | -                 | 1             | 3                         | -    | 3                     | 8                 |      |
| Iowa-----                              | -       | -    | -                        | <sup>38</sup> | -                 | -            | -                 | 2             | 12                        | -    | 3                     | 2                 |      |
| Missouri-----                          | -       | 2    | 1                        | 2             | -                 | 1            | 1                 | 14            | 29                        | -    | 2                     | 3                 |      |
| North Dakota-----                      | -       | -    | 1                        | -             | -                 | -            | 1                 | 4             | 2                         | -    | 1                     | 1                 |      |
| South Dakota-----                      | -       | -    | -                        | -             | -                 | -            | -                 | 3             | 6                         | -    | 6                     | -                 |      |
| Nebraska-----                          | -       | 2    | 5                        | -             | -                 | -            | -                 | 4             | 2                         | -    | 3                     | -                 |      |
| Kansas-----                            | -       | -    | 6                        | -             | -                 | -            | -                 | 7             | 7                         | -    | 1                     | -                 |      |
| SOUTH ATLANTIC-----                    | -       | 5    | 5                        | 56            | -                 | 4            | 5                 | 101           | 129                       | -    | 8                     | 10                |      |
| Delaware-----                          | -       | -    | -                        | -             | -                 | -            | -                 | -             | 5                         | -    | -                     | -                 |      |
| Maryland-----                          | -       | -    | 1                        | 1             | -                 | -            | -                 | 3             | 6                         | -    | -                     | -                 |      |
| District of Columbia-----              | -       | 1    | -                        | 2             | -                 | -            | -                 | 3             | 6                         | -    | -                     | -                 |      |
| Virginia-----                          | -       | 1    | -                        | 47            | -                 | -            | 2                 | 17            | 27                        | -    | 4                     | 2                 |      |
| West Virginia-----                     | -       | -    | -                        | 3             | -                 | 2            | 2                 | 11            | 17                        | -    | 2                     | -                 |      |
| North Carolina-----                    | -       | 1    | 2                        | -             | -                 | -            | -                 | 10            | 15                        | -    | -                     | -                 |      |
| South Carolina-----                    | -       | -    | 1                        | 1             | -                 | 1            | -                 | 10            | 9                         | -    | -                     | 2                 |      |
| Georgia-----                           | -       | -    | -                        | -             | -                 | -            | -                 | 24            | 26                        | -    | 1                     | 5                 |      |
| Florida-----                           | -       | 2    | 1                        | <sup>42</sup> | -                 | 1            | 1                 | 23            | 18                        | -    | 1                     | 1                 |      |
| EAST SOUTH CENTRAL <sup>1</sup> -----  | -       | -    | 3                        | 7             | -                 | 5            | 5                 | 77            | 85                        | -    | 9                     | 11                |      |
| Kentucky-----                          | -       | -    | 1                        | 6             | -                 | 2            | 1                 | 13            | 26                        | -    | 5                     | 3                 |      |
| Tennessee-----                         | -       | -    | -                        | 1             | -                 | 2            | 2                 | 42            | 25                        | -    | 2                     | 3                 |      |
| Alabama-----                           | -       | -    | -                        | -             | -                 | 1            | -                 | 8             | 13                        | -    | 4                     | 5                 |      |
| Mississippi-----                       | -       | -    | 2                        | -             | -                 | -            | 2                 | <sup>14</sup> | 21                        | -    | -                     | -                 |      |
| WEST SOUTH CENTRAL-----                | -       | 1    | -                        | 12            | -                 | 2            | 4                 | 116           | 182                       | 2    | 9                     | 7                 |      |
| Arkansas-----                          | -       | -    | -                        | -             | -                 | -            | -                 | 22            | 24                        | -    | 2                     | 3                 |      |
| Louisiana-----                         | -       | 1    | -                        | -             | -                 | 1            | 1                 | 14            | 67                        | -    | -                     | -                 |      |
| Oklahoma-----                          | -       | -    | -                        | 2             | -                 | -            | -                 | 15            | 8                         | -    | -                     | -                 |      |
| Texas-----                             | -       | -    | -                        | 10            | -                 | 2            | 3                 | 65            | 83                        | 2    | 7                     | 4                 |      |
| MOUNTAIN-----                          | -       | 2    | 3                        | 8             | -                 | -            | 1                 | 29            | 54                        | -    | 4                     | -                 |      |
| Montana-----                           | -       | -    | 1                        | -             | -                 | -            | -                 | 2             | 3                         | -    | -                     | -                 |      |
| Idaho-----                             | -       | -    | -                        | -             | -                 | -            | -                 | 4             | 6                         | -    | -                     | -                 |      |
| Wyoming-----                           | -       | -    | -                        | -             | -                 | -            | -                 | 3             | 3                         | -    | -                     | -                 |      |
| Colorado-----                          | -       | 1    | -                        | 6             | -                 | -            | 1                 | 4             | 7                         | -    | 2                     | -                 |      |
| New Mexico-----                        | -       | -    | -                        | 2             | -                 | -            | -                 | 11            | 19                        | -    | -                     | -                 |      |
| Arizona-----                           | -       | -    | 1                        | -             | -                 | -            | -                 | 5             | 8                         | -    | 2                     | -                 |      |
| Utah-----                              | -       | -    | 1                        | -             | -                 | -            | -                 | -             | -                         | -    | -                     | -                 |      |
| Nevada-----                            | -       | 1    | -                        | -             | -                 | -            | -                 | -             | 8                         | -    | -                     | -                 |      |
| PACIFIC-----                           | -       | 8    | 6                        | 55            | -                 | 4            | 3                 | 64            | 54                        | -    | 3                     | 5                 |      |
| Alaska-----                            | -       | 1    | -                        | -             | -                 | 2            | -                 | 4             | (1)                       | -    | -                     | -                 |      |
| Washington-----                        | -       | -    | -                        | 2             | -                 | -            | -                 | 1             | 3                         | -    | -                     | -                 |      |
| Oregon-----                            | -       | 1    | -                        | -             | -                 | -            | -                 | 5             | 9                         | -    | -                     | -                 |      |
| California-----                        | -       | 6    | 6                        | <sup>53</sup> | -                 | 2            | 3                 | 54            | 42                        | -    | 3                     | 5                 |      |
| Hawaii-----                            | -       | -    | -                        | -             | -                 | -            | -                 | -             | 1                         | -    | -                     | -                 |      |
| Puerto Rico-----                       | -       | -    | -                        | 1             | -                 | -            | -                 | 14            | 19                        | -    | -                     | -                 |      |

<sup>1</sup>Data exclude reports from New Hampshire and Mississippi for the current week.

<sup>3</sup>Aseptic meningitis.

<sup>4</sup>Includes 1 case 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                                | 37th week ended Sept. 19, 1959 | 36th week ended Sept. 12, 1959 | Adjusted average, 37th week 1954-58 | Percent change, adjusted average to current week <sup>1</sup> | CUMULATIVE NUMBER FIRST 37 WEEKS |         |                |
|-------------------------------------|--------------------------------|--------------------------------|-------------------------------------|---|----------------------------------|---------|----------------|
|                                     |                                |                                |                                     |   | 1959                             | 1958    | Percent change |
| TOTAL, REPORTING CITIES-----        | <sup>2</sup> 10,469            | 9,812                          | 9,934                               | +5.4  | <sup>2</sup> 414,065             | 410,915 | +0.8           |
| New England----- (14 cities)        | 677                            | 632                            | 636                                 | +6.4  | 26,209                           | 25,924  | +1.1           |
| Middle Atlantic----- (20 cities)    | <sup>2</sup> 2,835             | 2,769                          | 2,855                               | -0.7  | <sup>2</sup> 119,957             | 118,530 | +1.2           |
| East North Central----- (19 cities) | 2,279                          | 2,269                          | 2,162                               | +5.4  | 88,630                           | 87,510  | +1.3           |
| West North Central----- (9 cities)  | 696                            | 678                            | 708                                 | -1.7  | 28,724                           | 28,996  | -0.9           |
| South Atlantic----- (11 cities)     | 888                            | 895                            | 812                                 | +9.4  | 35,629                           | 35,791  | -0.5           |
| East South Central----- (8 cities)  | <sup>2</sup> 534               | 371                            | 453                                 | +17.9   | <sup>2</sup> 18,846              | 19,261  | -2.2           |
| West South Central----- (13 cities) | 888                            | 868                            | 810                                 | +9.6  | 34,733                           | 35,056  | -0.9           |
| Mountain----- (8 cities)            | 265                            | 294                            | 244                                 | +8.6  | 11,581                           | 10,959  | +5.7           |
| Pacific----- (12 cities)            | 1,407                          | 1,036                          | 1,237                               | +13.7   | 49,756                           | 48,888  | +1.8           |

<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                       | 37th week ended Sept. 19, 1959 | 36th week ended Sept. 12, 1959 | CUMULATIVE NUMBER FIRST 37 WEEKS |         | AREA                            | 37th week ended Sept. 19, 1959 | 36th week ended Sept. 12, 1959 | CUMULATIVE NUMBER FIRST 37 WEEKS |         |
|----------------------------|--------------------------------|--------------------------------|----------------------------------|---------|---------------------------------|--------------------------------|--------------------------------|----------------------------------|---------|
|                            |                                |                                | 1959                             | 1958    |                                 |                                |                                | 1959                             | 1958    |
| <b>NEW ENGLAND:</b>        |                                |                                |                                  |         | <b>WEST NORTH CENTRAL—Con.:</b> |                                |                                |                                  |         |
| Boston, Mass.-----         | 246                            | 224                            | 8,936                            | 8,933   | St. Louis, Mo.-----             | 207                            | 197                            | 8,714                            | 9,011   |
| Bridgeport, Conn.-----     | 40                             | 35                             | 1,480                            | 1,393   | St. Paul, Minn.-----            | 76                             | 55                             | 2,399                            | 2,653   |
| Cambridge, Mass.-----      | 27                             | 20                             | 1,044                            | 1,065   | Wichita, Kans.-----             | 57                             | 34                             | 1,788                            | 1,670   |
| Fall River, Mass.-----     | 20                             | 32                             | 1,044                            | 1,003   | <b>SOUTH ATLANTIC:</b>          |                                |                                |                                  |         |
| Hartford, Conn.-----       | 40                             | 34                             | 1,814                            | 1,842   | Atlanta, Ga.-----               | 137                            | 102                            | 4,104                            | 4,057   |
| Lowell, Mass.-----         | 37                             | 18                             | 870                              | 962     | Baltimore, Md.-----             | 221                            | 215                            | 8,975                            | 9,097   |
| Lynn, Mass.-----           | 23                             | 22                             | 868                              | 829     | Charlotte, N. C.-----           | 43                             | 39                             | 1,366                            | 1,297   |
| New Bedford, Mass.-----    | 25                             | 25                             | 893                              | 861     | Jacksonville, Fla.-----         | 42                             | 66                             | 2,130                            | 2,230   |
| New Haven, Conn.-----      | 38                             | 47                             | 1,665 <sup>1</sup>               | 1,679   | Miami, Fla.-----                | 64                             | 52                             | 2,590                            | 2,667   |
| Providence, R. I.-----     | 54                             | 57                             | 2,384                            | 2,361   | Norfolk, Va.-----               | 37                             | 42                             | 1,467                            | 1,300   |
| Somerville, Mass.-----     | 8                              | 15                             | 477                              | 516     | Richmond, Va.-----              | 73                             | 84                             | 2,908                            | 2,795   |
| Springfield, Mass.-----    | 42                             | 41                             | 1,654                            | 1,552   | Savannah, Ga.-----              | 23                             | 39                             | 1,226                            | 1,221   |
| Waterbury, Conn.-----      | 35                             | 18                             | 1,020                            | 968     | St. Petersburg, Fla.-----       | (63)                           | (65)                           | (2,370)                          | (2,444) |
| Worcester, Mass.-----      | 42                             | 44                             | 2,060                            | 1,960   | Tampa, Fla.-----                | 53                             | 54                             | 2,303                            | 2,482   |
| <b>MIDDLE ATLANTIC:</b>    |                                |                                |                                  |         | Washington, D. C.-----          | 167                            | 172                            | 7,154                            | 7,251   |
| Albany, N. Y.-----         | 36                             | 32                             | 1,952                            | 1,800   | Wilmington, Del.-----           | 28                             | 30                             | 1,406                            | 1,394   |
| Allentown, Pa.-----        | 32                             | 25                             | 1,279                            | 1,200   | <b>EAST SOUTH CENTRAL:</b>      |                                |                                |                                  |         |
| Buffalo, N. Y.-----        | 146                            | 125                            | 5,367                            | 5,538   | Birmingham, Ala.-----           | 81                             | 70                             | 3,029                            | 3,231   |
| Camden, N. J.-----         | 58                             | 43                             | 1,543                            | 1,569   | Chattanooga, Tenn.-----         | 60                             | 33                             | 1,685                            | 1,797   |
| Elizabeth, N. J.-----      | 19                             | 39                             | 1,097                            | 1,108   | Knoxville, Tenn.-----           | 24                             | 31                             | 1,080                            | 1,003   |
| Erie, Pa.-----             | 31                             | 26                             | 1,365                            | 1,298   | Louisville, Ky.-----            | 138                            | 53                             | 4,131                            | 4,056   |
| Jersey City, N. J.-----    | 54                             | 70                             | 2,743                            | 2,586   | Memphis, Tenn.-----             | 126                            | 80                             | 4,154                            | 4,293   |
| Newark, N. J.-----         | 75                             | 79                             | 3,674                            | 3,513   | Mobile, Ala.-----               | 26                             | 31                             | 1,430                            | 1,435   |
| New York City, N. Y.-----  | 1,483                          | 1,429                          | 61,511                           | 59,849  | Montgomery, Ala.-----           | 124                            | 14                             | 2,178                            | 1,255   |
| Paterson, N. J.-----       | 36                             | 35                             | 1,432                            | 1,516   | Nashville, Tenn.-----           | 55                             | 59                             | 2,159                            | 2,191   |
| Philadelphia, Pa.-----     | 372                            | 429                            | 18,315                           | 18,665  | <b>WEST SOUTH CENTRAL:</b>      |                                |                                |                                  |         |
| Pittsburgh, Pa.-----       | 172                            | 113                            | 6,871                            | 7,121   | Austin, Tex.-----               | 20                             | 27                             | 1,159                            | 1,228   |
| Reading, Pa.-----          | 14                             | 16                             | 817                              | 792     | Baton Rouge, La.-----           | 32                             | 26                             | 1,010                            | 1,035   |
| Rochester, N. Y.-----      | 96                             | 93                             | 3,574                            | 3,692   | Corpus Christi, Tex.-----       | 14                             | 20                             | 775                              | 775     |
| Schenectady, N. Y.-----    | 18                             | 25                             | 929                              | 831     | Dallas, Tex.-----               | 115                            | 121                            | 4,356                            | 4,283   |
| Scranton, Pa.-----         | 136                            | 31                             | 1,358                            | 1,286   | El Paso, Tex.-----              | 36                             | 33                             | 1,371                            | 1,516   |
| Syracuse, N. Y.-----       | 80                             | 64                             | 2,321                            | 2,304   | Fort Worth, Tex.-----           | 61                             | 54                             | 2,337                            | 2,254   |
| Trenton, N. J.-----        | 32                             | 33                             | 1,600                            | 1,761   | Houston, Tex.-----              | 164                            | 152                            | 5,737                            | 5,848   |
| Utica, N. Y.-----          | 25                             | 31                             | 1,035                            | 991     | Little Rock, Ark.-----          | 52                             | 26                             | 1,997                            | 2,000   |
| Yonkers, N. Y.-----        | 20                             | 32                             | 1,174                            | 1,110   | New Orleans, La.-----           | 145                            | 162                            | 6,193                            | 6,489   |
| <b>EAST NORTH CENTRAL:</b> |                                |                                |                                  |         | Oklahoma City, Okla.-----       | 65                             | 66                             | 2,542                            | 2,505   |
| Akron, Ohio-----           | 54                             | 60                             | 2,173                            | 2,089   | San Antonio, Tex.-----          | 85                             | 79                             | 3,543                            | 3,622   |
| Canton, Ohio-----          | 38                             | 21                             | 1,245                            | 1,155   | Shreveport, La.-----            | 57                             | 49                             | 1,907                            | 1,854   |
| Chicago, Ill.-----         | 678                            | 697                            | 28,005                           | 27,841  | Tulsa, Okla.-----               | 42                             | 53                             | 1,806                            | 1,847   |
| Cincinnati, Ohio-----      | 165                            | 136                            | 5,906                            | 5,991   | <b>MOUNTAIN:</b>                |                                |                                |                                  |         |
| Cleveland, Ohio-----       | 185                            | 247                            | 7,747                            | 7,735   | Albuquerque, N. Mex.-----       | 21                             | 25                             | 1,109                            | 1,058   |
| Columbus, Ohio-----        | 110                            | 122                            | 4,326                            | 4,176   | Colorado Springs, Colo.-----    | 16                             | 11                             | 568                              | 543     |
| Dayton, Ohio-----          | 64                             | 73                             | 2,489                            | 2,674   | Denver, Colo.-----              | 113                            | 97                             | 4,269                            | 4,147   |
| Detroit, Mich.-----        | 327                            | 298                            | 12,200                           | 11,714  | Ogden, Utah-----                | 14                             | 14                             | 581                              | 547     |
| Evansville, Ind.-----      | 26                             | 30                             | 1,366                            | 1,431   | Phoenix, Ariz.-----             | 43                             | 55                             | 1,683                            | 1,656   |
| Flint, Mich.-----          | 38                             | 43                             | 1,472                            | 1,389   | Pueblo, Colo.-----              | 9                              | 24                             | 513                              | 477     |
| Fort Wayne, Ind.-----      | 36                             | 30                             | 1,338                            | 1,285   | Salt Lake City, Utah-----       | 28                             | 51                             | 1,797                            | 1,778   |
| Gary, Ind.-----            | 21                             | 19                             | 1,109                            | 1,172   | Tucson, Ariz.-----              | 19                             | 17                             | 861                              | 753     |
| Grand Rapids, Mich.-----   | 43                             | 48                             | 1,567                            | 1,511   | <b>PACIFIC:</b>                 |                                |                                |                                  |         |
| Indianapolis, Ind.-----    | 151                            | 117                            | 5,183                            | 4,753   | Berkeley, Calif.-----           | 17                             | 9                              | 627                              | 694     |
| Madison, Wis.-----         | (28)                           | (29)                           | (1,099)                          | (1,210) | Fresno, Calif.-----             | (36)                           | (36)                           | (1,478)                          | (1,430) |
| Milwaukee, Wis.-----       | 128                            | 118                            | 4,717                            | 4,862   | Glendale, Calif.-----           | (53)                           | (22)                           | (1,345)                          | (1,227) |
| Peoria, Ill.-----          | 20                             | 30                             | 1,069                            | 1,175   | Long Beach, Calif.-----         | 61                             | 43                             | 2,042                            | 2,006   |
| Rockford, Ill.-----        | (27)                           | (26)                           | (1,028)                          | (960)   | Los Angeles, Calif.-----        | 522                            | 334                            | 17,858                           | 17,855  |
| South Bend, Ind.-----      | 34                             | 26                             | 1,018                            | 966     | Oakland, Calif.-----            | 68                             | 79                             | 3,372                            | 3,425   |
| Toledo, Ohio-----          | 114                            | 102                            | 3,721                            | 3,651   | Pasadena, Calif.-----           | 29                             | 27                             | 1,168                            | 1,304   |
| Youngstown, Ohio-----      | 47                             | 52                             | 1,979                            | 1,940   | Portland, Oreg.-----            | 105                            | 78                             | 4,099                            | 3,673   |
| <b>WEST NORTH CENTRAL:</b> |                                |                                |                                  |         | Sacramento, Calif.-----         | 48                             | 48                             | 2,040                            | 1,916   |
| Des Moines, Iowa-----      | 42                             | 59                             | 1,970                            | 2,000   | San Diego, Calif.-----          | 105                            | 58                             | 3,020                            | 3,010   |
| Duluth, Minn.-----         | 16                             | 13                             | 914                              | 932     | San Francisco, Calif.-----      | 222                            | 155                            | 7,206                            | 6,973   |
| Kansas City, Kans.-----    | 26                             | 31                             | 1,310                            | 979     | San Jose, Calif.-----           | (26)                           | (26)                           | (933)                            | (829)   |
| Kansas City, Mo.-----      | 94                             | 130                            | 4,430                            | 4,506   | Seattle, Wash.-----             | 141                            | 113                            | 4,960                            | 4,923   |
| Lincoln, Nebr.-----        | (22)                           | (27)                           | (953)                            | (930)   | Spokane, Wash.-----             | 57                             | 55                             | 1,844                            | 1,687   |
| Minneapolis, Minn.-----    | 115                            | 104                            | 4,571                            | 4,656   | Tacoma, Wash.-----              | 32                             | 37                             | 1,520                            | 1,422   |
| Omaha, Nebr.-----          | 63                             | 55                             | 2,628                            | 2,589   | Honolulu, Hawaii-----           | (40)                           | (42)                           | (1,408)                          | (1,358) |

<sup>1</sup>Estimated.

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

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## 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.

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