

Morbidity and Mortality

Weekly
Report

PUBLIC HEALTH SERVICE

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

Prepared by the NATIONAL OFFICE OF VITAL STATISTICS Worth 3-4744

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Washington 25, D. C.

Vol. 9, No. 24

Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended June 18, 1960

There was a sharp increase in number of reported cases of poliomyelitis for the week ended June 18 as compared with the previous week. The total number for the current week was 37 (30 paralytic) as compared with 19 (16 paralytic) for the week ended June 11. The 30 paralytic cases are considerably below the figure (61) for the same week in 1959. However, it is in excess of that for the comparable week in 1958. Twelve of the 13 cases reported in California were paralytic. More than half of these, 7 paralytic and 1 nonparalytic, occurred in Los Angeles County. Three paralytic cases were also reported in San Diego County, and the other 2 were in separate counties. The 4 cases, 3 of which were paralytic, reported in Oregon, and 3 paralytic cases in Illinois represent increases over the previous few weeks for these States. Except for Rhode Island, as described below, the remainder of the cases were scattered in various parts of the country. Incidence remains low in

Southern States where seasonal increases usually are apparent by the middle of June.

A further increase in incidence of poliomyelitis in the Metropolitan Area of Providence, Rhode Island, has been officially reported. Five paralytic cases were notified for the week ended June 18, making a total of 9 cases. All have been paralytic. This does not include a nonresident case in a 49-year old woman from a nearby town in Massachusetts who was hospitalized in Providence. The 9 cases had onset of symptoms late in May and early June. Four of the 9 cases had had no vaccine, 3 had 1 dose, and 2 had 2 doses. All of the cases have been in children, one being 2 years old, 4 are 3 years old, 3 are 5 years old, and 1 is 6 years of age.

The number of cases of poliomyelitis reported in Puerto Rico for the week ended June 18 is 36 of which 35 are paralytic.

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Table 1. Cases of Specified Notifiable Diseases, United States

(Cumulative totals include revised and delayed reports)

| Disease (Seventh Revision of International Lists, 1955) | 24th week | | | Cumulative | | | | | | Approximate seasonal low point |
|---|---|------------------------------|-------------------|-------------------|---------|-------------------|-------------------------|---------|------------------------------------|---|
| | Ended June 18, 1960 ¹ | Ended June 20, 1959 | Median 1955-59 | First 24 weeks | | | Since seasonal low week | | | |
| | | | | 1960 ¹ | 1959 | Median 1955-59 | 1959-60 ¹ | 1958-59 | Median 1954-55 to 1958-59 | |
| Anthrax-----062 | - | - | 1 | 10 | 8 | 9 | (2) | (2) | (2) | (2) |
| Botulism-----049.1 | - | 1 | - | 3 | 6 | 2 | (2) | (2) | (2) | (2) |
| Brucellosis (undulant fever)-----044 | 11 | 19 | 24 | 396 | 352 | 461 | (2) | (2) | (2) | (2) |
| Diphtheria-----055 | 8 | 7 | 12 | 322 | 380 | 431 | 890 | 982 | 1,204 | July 1 |
| Encephalitis, infectious-----082 | 35 | 38 | 32 | 758 | 680 | 680 | 109 | 102 | 102 | June 1 |
| Hepatitis, infectious, and serum-----092,N998.5 pt. | 533 | 339 | 285 | 18,395 | 11,458 | 10,762 | 26,825 | 16,894 | 16,894 | Sept. 1 |
| Malaria-----110-117 | 3 | - | - | 26 | 30 | 45 | (2) | (2) | (2) | (2) |
| Measles-----085 | 13,241 | 9,671 | 15,198 | 351,188 | 328,850 | 472,497 | 390,657 | 382,850 | 528,247 | Sept. 1 |
| Meningitis, aseptic-----340 pt. | 30 | - | - | 664 | - | - | - | - | - | - |
| Meningococcal infections-----057 | 37 | 52 | 49 | 1,272 | 1,247 | 1,333 | 1,936 | 2,113 | 2,342 | Sept. 1 |
| Poliomyelitis-----080 | 37 | 84 | 135 | 392 | 731 | 1,232 | 172 | 438 | 702 | Apr. 1 |
| Paralytic-----080.0,080.1 | 30 | 61 | 61 | 284 | 514 | 565 | 130 | 306 | 306 | Apr. 1 |
| Nonparalytic-----080.2 | 5 | 20 | 56 | 71 | 143 | 498 | 32 | 95 | 332 | Apr. 1 |
| Unspecified-----080.3 | 2 | 3 | 13 | 37 | 74 | 169 | 10 | 37 | 80 | Apr. 1 |
| Psittacosis-----096.2 | 2 | 1 | 3 | 44 | 56 | 140 | (2) | (2) | (2) | (2) |
| Rabies in man-----094 | - | 1 | - | - | 2 | 3 | (2) | (2) | (2) | (2) |
| Streptococcal sore throat, including scarlet fever-----050,051 | 4,593 | - | - | 187,297 | - | - | - | - | - | - |
| Typhoid fever-----040 | 15 | 15 | 30 | 260 | 265 | 498 | 132 | 138 | 237 | Apr. 1 |
| Typhus fever, endemic-----101 | 2 | 3 | 3 | 30 | 15 | 40 | 25 | 9 | 20 | Apr. 1 |
| Rabies in animals----- | 79 | 59 | 76 | 1,935 | 1,821 | 2,386 | 2,984 | 2,727 | 3,436 | Oct. 1 |

¹Data exclude reports from Ohio and West Virginia for the current week.

²Data show no pronounced seasonal change in incidence.

Twenty of the paralytic cases were reported in San Juan and contiguous municipalities. A total of 211 paralytic cases have been reported in Puerto Rico so far in 1960 as compared with 3 last year. This total includes a few with onset of illness in December 1959.

The Canadian Ministry of Health states that 101 cases of paralytic poliomyelitis were reported in the first 5 months of 1960 as compared with 34 last year. The Province of Newfoundland has reported 9 cases as compared with none for the same period last year. Twenty have been reported in the Province of Quebec as compared with 17 last year. This Province experienced a severe epidemic in the summer of 1959. Other Provinces reporting an increase so far this year are Alberta with 18 cases and British Columbia with 45. Comparable figures for last year were 3 and 0, respectively.

Five cases of typhoid fever have been reported in Louisiana for each of the past 2 weeks. The cases for the week ended June 11 were scattered in 3 different parishes. The cumulative total for the year is 24 as compared with 7 for the same week in 1959.

EPIDEMIOLOGICAL REPORTS

Viral infections

Dr. J. R. Enright, Hawaii Department of Health, states that the Army Medical Laboratory, Hawaii, has made 13 isolations of virus by tissue culture. One strain of type 3 adenovirus was

isolated using Hela cells. One strain of Group B, type 2 Coxsackie virus, and 6 strains of Group B, type 5 Coxsackie virus, and 1 of ECHO, type 4 virus, were isolated using monkey kidney cells. A strain of type 1 poliomyelitis was isolated using monkey kidney and Hela cells.

Gastroenteritis

A report was received from the California Department of Public Health which described the occurrence of gastroenteritis in the same household on 2 different occasions at an interval of 2 days. The investigation conducted by B. Garland revealed that in each instance chicken which had been stored in a refrigerator was the probable vehicle of infection. The first episode in which 5 persons were ill, followed the eating of chicken that had been removed from the refrigerator one-half hour prior to cooking. Three days later, chicken that had been frozen was allowed to thaw for 6 hours before cooking. In each instance, cooking for 1½ hours in an oven and under a broiler was reported to be the method of preparation. The incubation period of illness was reported to be 15 to 18 hours in the first instance and 3½ to 60 hours in the second.

QUARANTINE MEASURES

Immunitation Information for International Travel

No changes reported

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED JUNE 20, 1959, AND JUNE 18, 1960

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

| Area | Poliomyelitis 080 | | | | | | | | | | Meningitis, aseptic 340 pt. | Brucel- losis (undulant fever) 044 1960 |
|---------------------------------------|----------------------------------|------|-------------------------------|------|-----------------------|------|-------------------------------|------|-----------------------|------|-----------------------------------|--|
| | Total ¹ | | | | Paralytic 080.0,080.1 | | | | Nonparalytic 080.2 | | | |
| | 24th week | | Cumulative, first 24 weeks | | 24th week | | Cumulative, first 24 weeks | | | | | |
| | 1960 | 1959 | 1960 | 1959 | 1960 | 1959 | 1960 | 1959 | 1960 | 1959 | | |
| | UNITED STATES ² ----- | 37 | 84 | 392 | 731 | 30 | 61 | 284 | 514 | 5 | | |
| NEW ENGLAND----- | 5 | - | 20 | 8 | 5 | - | 20 | 7 | - | - | 2 | - |
| Maine----- | - | - | 5 | - | - | - | 5 | - | - | - | 1 | - |
| New Hampshire----- | - | - | - | - | - | - | - | - | - | - | - | - |
| Vermont----- | - | - | - | 1 | - | - | - | 1 | - | - | - | - |
| Massachusetts----- | - | - | 6 | 4 | - | - | 6 | 3 | - | - | - | - |
| Rhode Island----- | 5 | - | 9 | 2 | 5 | - | 9 | 2 | - | - | 1 | - |
| Connecticut----- | - | - | - | 1 | - | - | - | 1 | - | - | - | - |
| MIDDLE ATLANTIC----- | 1 | 3 | 42 | 41 | - | 2 | 29 | 20 | 1 | 1 | 4 | 1 |
| New York----- | - | 3 | 33 | 32 | - | 2 | 22 | 16 | - | 1 | 1 | - |
| New Jersey----- | - | - | 6 | 7 | - | - | 6 | 3 | - | - | 3 | 1 |
| Pennsylvania----- | 1 | - | 3 | 2 | - | - | 1 | 1 | 1 | - | - | - |
| EAST NORTH CENTRAL ² ----- | 4 | 9 | 44 | 64 | 4 | 3 | 17 | 31 | - | 5 | 3 | - |
| Ohio----- | - | 3 | ² 19 | 28 | - | - | ² 5 | 10 | - | 2 | - | - |
| Indiana----- | - | 1 | - | 5 | - | 1 | - | 4 | - | - | - | - |
| Illinois----- | 3 | 2 | 9 | 6 | 3 | - | 7 | 2 | - | 2 | 2 | - |
| Michigan----- | 1 | 2 | 13 | 21 | 1 | 1 | 4 | 11 | - | 1 | 1 | - |
| Wisconsin----- | - | 1 | 3 | 4 | - | 1 | 1 | 4 | - | - | - | - |
| WEST NORTH CENTRAL----- | 3 | 20 | 22 | 98 | 2 | 13 | 13 | 62 | 1 | 6 | 2 | 5 |
| Minnesota----- | 2 | - | 10 | 5 | 2 | - | 8 | 4 | - | - | 1 | - |
| Iowa----- | - | 17 | 5 | 33 | - | 11 | 2 | 24 | - | 6 | 1 | 1 |
| Missouri----- | - | 1 | 4 | 34 | - | 1 | 3 | 24 | - | - | - | 1 |
| North Dakota----- | - | - | - | 1 | - | - | - | - | - | - | - | - |
| South Dakota----- | - | - | 1 | 3 | - | - | - | - | - | - | - | - |
| Nebraska----- | - | - | - | 10 | - | - | - | 7 | - | - | - | 2 |
| Kansas----- | 1 | 2 | 2 | 12 | - | 1 | - | 3 | 1 | - | - | 1 |
| SOUTH ATLANTIC ² ----- | 4 | 9 | 57 | 143 | 3 | 8 | 44 | 111 | 1 | 1 | 3 | - |
| Delaware----- | - | - | 1 | 2 | - | - | - | 2 | - | - | - | - |
| Maryland----- | - | - | 1 | - | - | - | - | - | - | - | - | - |
| District of Columbia----- | - | - | - | - | - | - | - | - | - | - | 1 | - |
| Virginia----- | - | - | - | 13 | - | - | - | 12 | - | - | - | - |
| West Virginia----- | - | 1 | ² 4 | 18 | - | - | ² 4 | 12 | - | 1 | - | - |
| North Carolina----- | - | 4 | 16 | 15 | - | 4 | 16 | 13 | - | - | - | - |
| South Carolina----- | 3 | - | 6 | 8 | 2 | - | 4 | 6 | 1 | - | - | - |
| Georgia----- | - | 2 | 3 | 8 | - | 2 | 2 | 8 | - | - | - | - |
| Florida----- | 1 | 2 | 26 | 79 | 1 | 2 | 18 | 58 | - | - | 2 | - |
| EAST SOUTH CENTRAL----- | 1 | 6 | 14 | 62 | - | 5 | 11 | 42 | - | 1 | 3 | - |
| Kentucky----- | 1 | 2 | 8 | 11 | - | 2 | 5 | 9 | - | - | - | - |
| Tennessee----- | - | 1 | 1 | 20 | - | 1 | 1 | 15 | - | - | - | - |
| Alabama----- | - | 2 | 1 | 8 | - | 2 | 1 | 5 | - | - | - | - |
| Mississippi----- | - | 1 | 4 | 23 | - | - | 4 | 13 | - | 1 | 3 | - |
| WEST SOUTH CENTRAL----- | 1 | 28 | 49 | 170 | 1 | 23 | 32 | 126 | - | 5 | 3 | 4 |
| Arkansas----- | - | 7 | 2 | 28 | - | 6 | - | 26 | - | 1 | - | 3 |
| Louisiana----- | - | 4 | 15 | 24 | - | 4 | 11 | 21 | - | - | - | - |
| Oklahoma----- | - | 2 | 3 | 16 | - | 2 | 3 | 9 | - | - | - | - |
| Texas----- | 1 | 15 | 29 | 102 | 1 | 11 | 18 | 70 | - | 4 | 3 | 1 |
| MOUNTAIN----- | 1 | 2 | 21 | 33 | - | 1 | 11 | 20 | - | - | - | - |
| Montana----- | - | - | 9 | 2 | - | - | 5 | - | - | - | - | - |
| Idaho----- | - | 1 | 4 | 1 | - | - | 1 | - | - | - | - | - |
| Wyoming----- | - | - | 1 | 1 | - | - | - | - | - | - | - | - |
| Colorado----- | - | - | 1 | 2 | - | - | 1 | 2 | - | - | - | - |
| New Mexico----- | 1 | - | 2 | 8 | - | - | - | 3 | - | - | - | - |
| Arizona----- | - | 1 | 3 | 17 | - | 1 | 3 | 15 | - | - | - | - |
| Utah----- | - | - | 1 | 2 | - | - | 1 | - | - | - | - | - |
| Nevada----- | - | - | - | - | - | - | - | - | - | - | - | - |
| PACIFIC----- | 17 | 7 | 123 | 112 | 15 | 6 | 107 | 95 | 2 | 1 | 10 | 1 |
| Washington----- | - | 3 | 7 | 8 | - | 3 | 7 | 8 | - | - | - | - |
| Oregon----- | 4 | 1 | 16 | 11 | 3 | - | 11 | 8 | 1 | 1 | 1 | - |
| California----- | 13 | 3 | 94 | 93 | 12 | 3 | 85 | 79 | 1 | - | 9 | 1 |
| Alaska----- | - | - | 2 | - | - | - | 2 | - | - | - | - | - |
| Hawaii----- | - | - | 4 | (4) | - | - | 4 | (4) | - | - | - | - |
| Puerto Rico----- | 36 | - | 213 | 3 | 35 | - | 211 | 3 | 1 | - | - | - |

¹Includes cases not specified by type, category number 080.3.

²Data exclude reports from Ohio and West Virginia for the current week.

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED JUNE 20, 1959, AND JUNE 18, 1960—Continued

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

| Area | Diphtheria 055 | | | | Encephalitis, infectious | | Hepatitis, infectious, and serum 092,N998.5 pt. | | | | Measles | |
|---------------------------------------|----------------|------|----------------------------|------|--------------------------|------|---|------|----------------------------|--------|---------|-------|
| | 24th week | | Cumulative, first 24 weeks | | 082 | | 24th week | | Cumulative, first 24 weeks | | 085 | |
| | 1960 | 1959 | 1960 | 1959 | 1960 | 1959 | 1960 | 1959 | 1960 | 1959 | 1960 | 1959 |
| UNITED STATES ² ----- | 8 | 7 | 322 | 380 | 35 | 38 | 533 | 339 | 18,395 | 11,458 | 13,241 | 9,671 |
| NEW ENGLAND----- | - | - | 8 | 5 | 3 | - | 13 | 13 | 558 | 371 | 1,668 | 526 |
| Maine----- | - | - | 2 | - | - | - | - | 5 | 36 | 71 | 52 | 72 |
| New Hampshire----- | - | - | - | - | - | - | 2 | - | 20 | 10 | 18 | - |
| Vermont----- | - | - | - | - | - | - | - | 9 | 18 | 205 | 39 | - |
| Massachusetts----- | - | - | 5 | 5 | 2 | - | 6 | 2 | 280 | 158 | 1,011 | 168 |
| Rhode Island----- | - | - | 1 | - | 1 | - | 2 | 1 | 106 | 40 | 103 | - |
| Connecticut----- | - | - | - | - | - | - | 3 | 5 | 107 | 74 | 279 | 247 |
| MIDDLE ATLANTIC----- | 1 | - | 9 | 35 | 8 | 8 | 51 | 57 | 1,912 | 1,677 | 1,780 | 1,959 |
| New York----- | - | - | 1 | 20 | 6 | 4 | 29 | 39 | 960 | 1,013 | 1,253 | 1,010 |
| New Jersey----- | - | - | 1 | 9 | 2 | 1 | 3 | 7 | 157 | 199 | 359 | 628 |
| Pennsylvania----- | 1 | - | 7 | 6 | - | 3 | 19 | 11 | 795 | 465 | 168 | 321 |
| EAST NORTH CENTRAL ² ----- | - | - | 25 | 19 | 3 | 3 | 69 | 53 | 3,478 | 1,886 | 4,774 | 1,775 |
| Ohio----- | - | - | ² 14 6 | - | - | 2 | - | 18 | ² 1,105 | 567 | - | 374 |
| Indiana----- | - | - | 4 | 2 | - | - | 4 | 3 | 445 | 187 | 424 | 164 |
| Illinois----- | - | - | 3 | 8 | 1 | - | 35 | 17 | 744 | 372 | 832 | 303 |
| Michigan----- | - | - | 3 | 1 | 2 | 1 | 30 | 10 | 1,028 | 651 | 1,369 | 368 |
| Wisconsin----- | - | - | 1 | 2 | - | - | - | 5 | 156 | 109 | 2,149 | 566 |
| WEST NORTH CENTRAL----- | 1 | 1 | 18 | 33 | 2 | 1 | 24 | 28 | 1,448 | 922 | 279 | 668 |
| Minnesota----- | - | - | 5 | 16 | - | - | 3 | 9 | 146 | 223 | 90 | 479 |
| Iowa----- | - | - | 2 | 2 | 2 | - | 3 | - | 247 | 82 | 95 | 78 |
| Missouri----- | - | - | 2 | 3 | - | - | 9 | 8 | 533 | 241 | 36 | 45 |
| North Dakota----- | - | 1 | 1 | 2 | - | 1 | 1 | 7 | 113 | 199 | 47 | 57 |
| South Dakota----- | - | - | 5 | 3 | - | - | - | - | 114 | 10 | - | 2 |
| Nebraska----- | - | - | 1 | 7 | - | - | 5 | - | 143 | 49 | 11 | 7 |
| Kansas----- | 1 | - | 2 | - | - | - | 3 | 4 | 152 | 118 | (*) | (*) |
| SOUTH ATLANTIC ² ----- | 3 | 1 | 73 | 81 | 5 | 5 | 58 | 25 | 2,175 | 1,030 | 533 | 817 |
| Delaware----- | - | - | - | - | - | - | 7 | 2 | 125 | 59 | 9 | 20 |
| Maryland----- | - | - | 1 | 1 | - | 2 | 7 | 4 | 221 | 260 | 75 | 73 |
| District of Columbia----- | - | - | - | - | 1 | - | - | - | 15 | 11 | 22 | 8 |
| Virginia----- | - | - | 8 | 6 | - | - | 17 | 7 | 447 | 201 | 204 | 388 |
| West Virginia----- | - | - | ² 2 1 | - | - | - | - | - | ² 411 | 202 | - | 127 |
| North Carolina----- | - | - | 2 | 7 | 1 | - | 10 | 2 | 166 | 57 | 44 | 88 |
| South Carolina----- | - | 1 | 18 | 6 | - | - | 2 | - | 41 | 14 | 26 | 21 |
| Georgia----- | 2 | - | 17 | 29 | - | - | 1 | - | 157 | 89 | 2 | 4 |
| Florida----- | 1 | - | 25 | 31 | 3 | 3 | 14 | 10 | 592 | 157 | 151 | 88 |
| EAST SOUTH CENTRAL----- | - | - | 38 | 47 | 2 | 3 | 81 | 27 | 2,825 | 1,054 | 884 | 409 |
| Kentucky----- | - | - | 1 | 5 | 2 | - | 23 | 19 | 1,135 | 498 | 292 | 175 |
| Tennessee----- | - | - | 5 | 5 | - | - | 26 | 2 | 915 | 243 | 500 | 175 |
| Alabama----- | - | - | 20 | 9 | - | - | 22 | 6 | 578 | 225 | 63 | 41 |
| Mississippi----- | - | - | 12 | 28 | - | 3 | 10 | - | 197 | 88 | 29 | 18 |
| WEST SOUTH CENTRAL----- | 2 | 5 | 118 | 144 | 2 | 4 | 57 | 30 | 1,516 | 881 | 823 | 820 |
| Arkansas----- | - | - | 2 | 31 | - | 1 | 2 | 2 | 69 | 40 | 1 | 5 |
| Louisiana----- | - | - | 26 | 39 | - | - | 8 | 2 | 64 | 88 | 4 | 3 |
| Oklahoma----- | - | 1 | 6 | 2 | - | - | 10 | 2 | 215 | 119 | 63 | 21 |
| Texas----- | 2 | 4 | 84 | 72 | 2 | 3 | 37 | 24 | 1,168 | 634 | 755 | 791 |
| MOUNTAIN----- | 1 | - | 32 | 10 | 1 | 5 | 37 | 37 | 1,544 | 1,650 | 700 | 947 |
| Montana----- | - | - | 2 | - | - | - | - | 2 | 60 | 157 | 55 | 25 |
| Idaho----- | - | - | 11 | - | - | - | 9 | 8 | 196 | 182 | 54 | 48 |
| Wyoming----- | - | - | 5 | - | - | - | - | - | 12 | 44 | 2 | 8 |
| Colorado----- | - | - | 3 | 3 | - | 2 | 13 | 8 | 528 | 511 | 320 | 241 |
| New Mexico----- | 1 | - | 5 | 5 | 1 | 1 | 4 | 2 | 228 | 343 | - | 166 |
| Arizona----- | - | - | 3 | 1 | - | 2 | 5 | 15 | 356 | 306 | 142 | 189 |
| Utah----- | - | - | 3 | - | - | - | 6 | 2 | 144 | 93 | 120 | 267 |
| Nevada----- | - | - | - | 1 | - | - | - | - | 20 | 14 | 7 | 3 |
| PACIFIC----- | - | - | 1 | 6 | 9 | 9 | 143 | 69 | 2,939 | 1,987 | 1,800 | 1,750 |
| Washington----- | - | - | - | - | - | - | 19 | 3 | 356 | 292 | 345 | 270 |
| Oregon----- | - | - | - | 1 | - | - | 18 | 13 | 519 | 402 | 351 | 241 |
| California----- | - | - | - | 4 | 9 | 9 | 96 | 51 | 1,881 | 1,279 | 977 | 1,202 |
| Alaska----- | - | - | 1 | 1 | - | - | 10 | 2 | 131 | 14 | 78 | 37 |
| Hawaii----- | - | - | - | (2) | - | - | - | - | 52 | (26) | 49 | (47) |
| Puerto Rico----- | 1 | - | 89 | 14 | - | - | 8 | 13 | 413 | 109 | 23 | 78 |

²Data exclude reports from Ohio and West Virginia for the current week.

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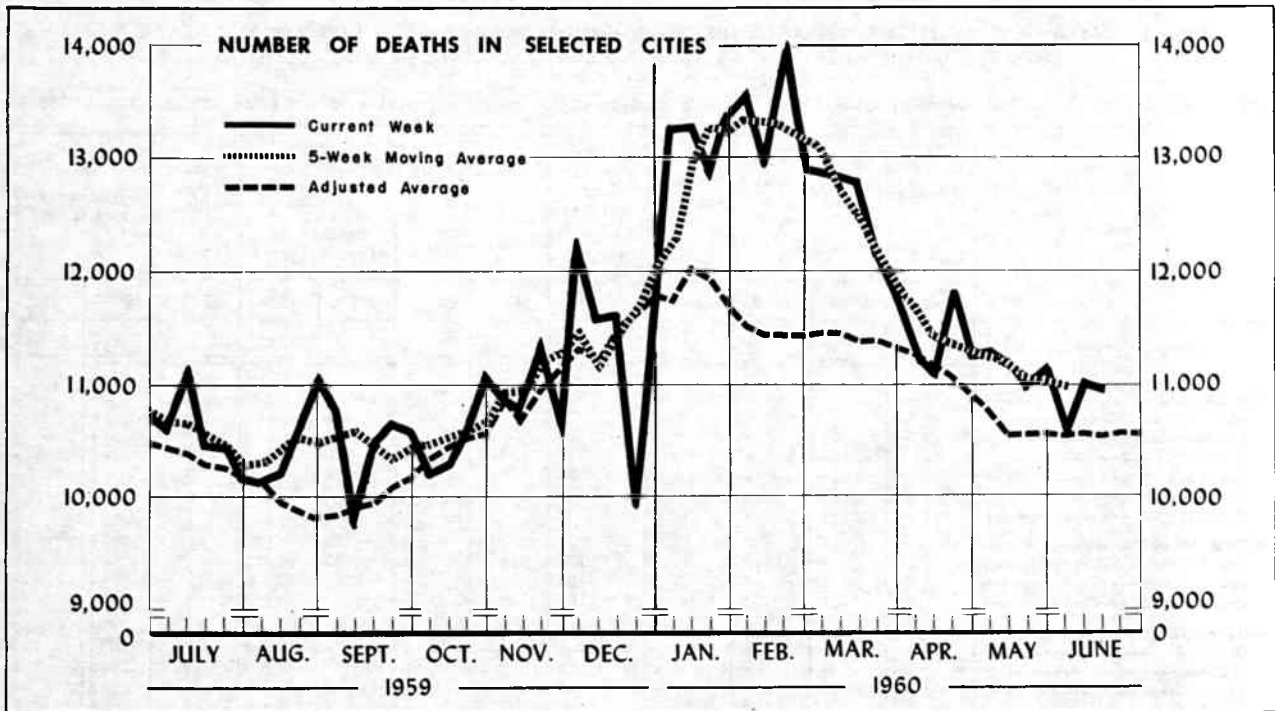
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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED JUNE 20, 1959, AND JUNE 18, 1960—Continued

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

| Area | Malaria | | Meningococcal infections | | Psittacosis | Streptococcal sore throat, etc. | Typhoid fever 040 | | | | Typhus fever, endemic | Rabies in animals | |
|---------------------------------------|---------|------|--------------------------|------|-------------|---------------------------------|-------------------|------|----------------------------|------|-----------------------|-------------------|------|
| | 110-117 | | 057 | | 096.2 | 050,051 | 24th week | | Cumulative, first 24 weeks | | 101 | 1960 | 1959 |
| | 1960 | 1959 | 1960 | 1959 | 1960 | 1960 | 1960 | 1959 | 1960 | 1959 | 1960 | 1960 | 1959 |
| UNITED STATES² | 3 | | 37 | 52 | 2 | 4,593 | 15 | 15 | 260 | 265 | 2 | 79 | 59 |
| NEW ENGLAND | - | | 1 | 3 | - | 305 | - | - | 4 | 6 | - | - | - |
| Maine | - | | - | 2 | - | 7 | - | - | 1 | 1 | - | - | - |
| New Hampshire | - | | - | - | - | 11 | - | - | - | - | - | - | - |
| Vermont | - | | - | - | - | 19 | - | - | - | - | - | - | - |
| Massachusetts | - | | - | 1 | - | 138 | - | - | 2 | 2 | - | - | - |
| Rhode Island | - | | - | - | - | 33 | - | - | - | 1 | - | - | - |
| Connecticut | - | | 1 | - | - | 97 | - | - | 1 | 2 | - | - | - |
| MIDDLE ATLANTIC | - | | 6 | 5 | - | 290 | - | 1 | 14 | 26 | - | 8 | 4 |
| New York | - | | 4 | 2 | - | 168 | - | 1 | 11 | 11 | - | 8 | 4 |
| New Jersey | - | | 1 | 1 | - | 55 | - | - | - | 6 | - | - | - |
| Pennsylvania | - | | 1 | 2 | - | 67 | - | - | 3 | 9 | - | - | - |
| EAST NORTH CENTRAL² | 2 | | 7 | 11 | 2 | 388 | 1 | 1 | 30 | 35 | - | 8 | 7 |
| Ohio | - | | - | 3 | - | - | - | 1 | 24 | 19 | - | - | - |
| Indiana | 2 | | - | 1 | - | 79 | - | - | 9 | 5 | - | 3 | 3 |
| Illinois | - | | 1 | 2 | - | 48 | 1 | - | 8 | 5 | - | 3 | - |
| Michigan | - | | 4 | 5 | - | 160 | - | - | 5 | 5 | - | 1 | 1 |
| Wisconsin | - | | 2 | - | 2 | 101 | - | - | 4 | 1 | - | 1 | 3 |
| WEST NORTH CENTRAL | - | | - | 6 | - | 86 | 2 | - | 16 | 13 | - | 21 | 10 |
| Minnesota | - | | - | 2 | - | 17 | - | - | 1 | - | - | 3 | 5 |
| Iowa | - | | - | 1 | - | 38 | - | - | - | - | - | 5 | 1 |
| Missouri | - | | - | - | - | 7 | 2 | - | 13 | 8 | - | 8 | 1 |
| North Dakota | - | | - | - | - | 20 | - | - | - | 1 | - | - | 1 |
| South Dakota | - | | - | - | - | 4 | - | - | 1 | 1 | - | - | - |
| Nebraska | - | | - | 1 | - | - | - | - | 1 | - | - | 5 | 2 |
| Kansas | - | | - | 2 | - | - | - | - | - | 3 | - | - | - |
| SOUTH ATLANTIC² | - | | 12 | 11 | - | 217 | 3 | 1 | 34 | 53 | 1 | 4 | 7 |
| Delaware | - | | 1 | - | - | 4 | - | - | - | - | - | - | - |
| Maryland | - | | - | 1 | - | 17 | - | - | - | - | - | - | - |
| District of Columbia | - | | - | 1 | - | - | - | - | 1 | 2 | - | - | - |
| Virginia | - | | 2 | 2 | - | 79 | 1 | 1 | 5 | 14 | - | 4 | 3 |
| West Virginia | - | | - | 1 | - | - | - | - | 2 | 2 | - | - | 2 |
| North Carolina | - | | 3 | 2 | - | 11 | - | - | 7 | 5 | - | - | - |
| South Carolina | - | | 1 | - | - | 22 | - | - | 6 | 4 | 1 | - | - |
| Georgia | - | | - | - | - | - | 1 | - | 7 | 9 | - | - | 1 |
| Florida | - | | 5 | 4 | - | 84 | 1 | - | 7 | 17 | - | - | 1 |
| EAST SOUTH CENTRAL | 1 | | 5 | 7 | - | 775 | 3 | 2 | 43 | 26 | - | 17 | 8 |
| Kentucky | - | | 2 | 4 | - | 217 | 1 | - | 12 | 5 | - | 9 | 5 |
| Tennessee | - | | 2 | - | - | 534 | 2 | 1 | 22 | 10 | - | 7 | - |
| Alabama | - | | 1 | 2 | - | 8 | - | 1 | 6 | 5 | - | 1 | 3 |
| Mississippi | 1 | | - | 1 | - | 16 | - | - | 3 | 6 | - | - | - |
| WEST SOUTH CENTRAL | - | | 2 | 3 | - | 666 | 6 | 9 | 82 | 53 | 1 | 20 | 16 |
| Arkansas | - | | - | 1 | - | 3 | - | 4 | 18 | 11 | - | 12 | 7 |
| Louisiana | - | | 1 | 1 | - | - | 5 | - | 24 | 7 | - | - | - |
| Oklahoma | - | | - | - | - | 12 | - | 1 | 5 | 8 | - | - | - |
| Texas | - | | 1 | 1 | - | 651 | 1 | 4 | 35 | 27 | 1 | 8 | 9 |
| MOUNTAIN | - | | 1 | 1 | - | 1,083 | - | - | 18 | 15 | - | - | 1 |
| Montana | - | | - | - | - | 29 | - | - | 5 | 1 | - | - | - |
| Idaho | - | | - | - | - | 60 | - | - | - | 3 | - | - | - |
| Wyoming | - | | - | - | - | 23 | - | - | 2 | 1 | - | - | - |
| Colorado | - | | - | 1 | - | 376 | - | - | - | 1 | - | - | 1 |
| New Mexico | - | | - | - | - | 198 | - | - | 5 | 5 | - | - | - |
| Arizona | - | | 1 | - | - | 136 | - | - | 6 | 4 | - | - | - |
| Utah | - | | - | - | - | 261 | - | - | - | - | - | - | - |
| Nevada | - | | - | - | - | - | - | - | - | - | - | - | - |
| PACIFIC | - | | 3 | 5 | - | 783 | - | 1 | 19 | 38 | - | 1 | 6 |
| Washington | - | | - | 1 | - | 91 | - | - | 1 | 1 | - | - | - |
| Oregon | - | | - | - | - | 39 | - | - | - | 2 | - | - | - |
| California | - | | 3 | 4 | - | 615 | - | 1 | 18 | 34 | - | 1 | 6 |
| Alaska | - | | - | - | - | 33 | - | - | - | 1 | - | - | - |
| Hawaii | - | | - | (1) | - | 5 | - | - | - | - | - | - | - |
| Puerto Rico | - | | - | - | - | - | - | - | 16 | 4 | - | - | - |

²Data exclude reports from Ohio and West Virginia for the current week.



The chart shows the number of deaths reported for 117 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 for comparison. For 1954-58, this average is based on data for 114 cities; for 1955-59, on data for 117 cities. The adjusted average is computed as follows: From the total deaths reported each week, 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 4.0 percent to allow for estimated population growth in the cities and surrounding areas.

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 selected cities. 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 used.

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 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 | 24th week ended June 18, 1960 | 23d week ended June 11, 1960 | Adjusted average, 24th week 1955-59 | Percent change ¹ | Cumulative, first 24 weeks | | | |
|--|-------------------------------|------------------------------|-------------------------------------|-----------------------------|----------------------------|---------|---------------------------|-----------------------------|
| | | | | | 1960 | 1959 | Adjusted average, 1955-59 | Percent change ¹ |
| TOTAL, 117 REPORTING CITIES ----- | ² 10,947 | 11,030 | 10,533 | +3.9 | ² 291,411 | 280,019 | 268,902 | +8.4 |
| New England----- (14 cities) | 682 | 656 | 687 | -0.7 | 18,308 | 17,617 | 17,996 | +1.7 |
| Middle Atlantic----- (20 cities) | 3,002 | 3,095 | 3,130 | -4.1 | 80,510 | 81,454 | 80,769 | -0.3 |
| East North Central----- (21 cities) | 2,357 | 2,393 | 2,397 | -1.7 | 62,562 | 60,400 | 60,717 | +3.0 |
| West North Central----- (9 cities) | 779 | 808 | 755 | +3.2 | 20,334 | 19,344 | 19,354 | +5.1 |
| South Atlantic----- (11 cities) | 923 | 918 | 906 | +1.9 | 25,398 | 23,641 | 23,258 | +9.2 |
| East South Central----- (8 cities) | 505 | 464 | 477 | +5.9 | 13,356 | 12,448 | 12,583 | +7.9 |
| West South Central----- (13 cities) | ² 963 | 977 | 887 | +8.6 | ² 25,621 | 22,928 | 22,361 | +14.6 |
| Mountain----- (8 cities) | 352 | 389 | 275 | +28.0 | 9,067 | 7,854 | 6,912 | +31.2 |
| Pacific----- (13 cities) | 1,384 | 1,330 | 1,340 | +3.3 | 36,255 | 34,333 | 34,485 | +5.1 |

¹Current figure divided by adjusted average.

²Includes estimate for missing city.

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Table 4. DEATHS IN SELECTED CITIES

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

| Area | 24th week ended June 18, 1960 | 23d week ended June 11, 1960 | Cumulative, first 24 weeks | | Area | 24th week ended June 18, 1960 | 23d week ended June 11, 1960 | Cumulative, first 24 weeks | |
|----------------------------|-------------------------------|------------------------------|----------------------------|--------|---------------------------------|-------------------------------|------------------------------|----------------------------|---------|
| | | | 1960 | 1959 | | | | 1960 | 1959 |
| NEW ENGLAND: | | | | | WEST NORTH CENTRAL—Con.: | | | | |
| Boston, Mass.----- | 255 | 221 | 6,403 | 6,001 | St. Louis, Mo.----- | 250 | 230 | 6,293 | 5,935 |
| Bridgeport, Conn.----- | 41 | 36 | 1,057 | 1,022 | St. Paul, Minn.----- | 66 | 76 | 1,785 | 1,624 |
| Cambridge, Mass.----- | 23 | 41 | 786 | 686 | Wichita, Kans.----- | 48 | 50 | 1,131 | 1,187 |
| Fall River, Mass.----- | 29 | 23 | 734 | 711 | SOUTH ATLANTIC: | | | | |
| Hartford, Conn.----- | 49 | 46 | 1,174 | 1,211 | Atlanta, Ga.----- | 107 | 87 | 2,949 | 2,749 |
| Lowell, Mass.----- | 21 | 18 | 602 | 570 | Baltimore, Md.----- | 243 | 262 | 6,484 | 5,942 |
| Lynn, Mass.----- | 19 | 23 | 618 | 583 | Charlotte, N.C.----- | 24 | 31 | 1,024 | 896 |
| New Bedford, Mass.----- | 21 | 14 | 622 | 579 | Jacksonville, Fla.----- | 47 | 66 | 1,580 | 1,411 |
| New Haven, Conn.----- | 44 | 46 | 1,113 | 1,103 | Miami, Fla.----- | 74 | 53 | 1,841 | 1,760 |
| Providence, R.I.----- | 57 | 61 | 1,617 | 1,647 | Norfolk, Va.----- | 22 | 31 | 1,034 | 987 |
| Somerville, Mass.----- | 5 | 15 | 361 | 358 | Richmond, Va.----- | 72 | 66 | 2,005 | 1,887 |
| Springfield, Mass.----- | 46 | 38 | 1,163 | 1,121 | Savannah, Ga.----- | 27 | 27 | 915 | 777 |
| Waterbury, Conn.----- | 28 | 28 | 695 | 672 | St. Petersburg, Fla.----- | (55) | (70) | (1,667) | (1,646) |
| Worcester, Mass.----- | 44 | 46 | 1,363 | 1,373 | Tampa, Fla.----- | 69 | 54 | 1,708 | 1,563 |
| MIDDLE ATLANTIC: | | | | | Washington, D.C.----- | 202 | 204 | 4,894 | 4,741 |
| Albany, N.Y.----- | 54 | 44 | 1,100 | 1,400 | Wilmington, Del.----- | 36 | 37 | 964 | 928 |
| Allentown, Pa.----- | 40 | 34 | 907 | 895 | EAST SOUTH CENTRAL: | | | | |
| Buffalo, N.Y.----- | 154 | 142 | 3,697 | 3,606 | Birmingham, Ala.----- | 104 | 76 | 2,183 | 2,002 |
| Camden, N.J.----- | 45 | 46 | 1,094 | 1,050 | Chattanooga, Tenn.----- | 32 | 49 | 1,185 | 1,117 |
| Elizabeth, N.J.----- | 31 | 28 | 724 | 725 | Knoxville, Tenn.----- | 35 | 25 | 741 | 677 |
| Erie, Pa.----- | 43 | 38 | 960 | 927 | Louisville, Ky.----- | 124 | 88 | 2,883 | 2,743 |
| Jersey City, N.J.----- | 70 | 51 | 1,777 | 1,887 | Memphis, Tenn.----- | 108 | 97 | 2,887 | 2,728 |
| Newark, N.J.----- | 94 | 85 | 2,430 | 2,509 | Mobile, Ala.----- | 34 | 42 | 1,065 | 973 |
| New York City, N.Y.----- | 1,642 | 1,554 | 40,928 | 41,726 | Montgomery, Ala.----- | 29 | 39 | 896 | 788 |
| Paterson, N.J.----- | 40 | 45 | 982 | 968 | Nashville, Tenn.----- | 39 | 48 | 1,516 | 1,420 |
| Philadelphia, Pa.----- | 295 | 468 | 12,316 | 12,367 | WEST SOUTH CENTRAL: | | | | |
| Pittsburgh, Pa.----- | 164 | 218 | 4,863 | 4,712 | Austin, Tex.----- | 37 | 42 | 893 | 759 |
| Reading, Pa.----- | 18 | 32 | 605 | 562 | Baton Rouge, La.----- | 30 | 18 | 733 | 665 |
| Rochester, N.Y.----- | 99 | 94 | 2,498 | 2,412 | Corpus Christi, Tex.----- | 16 | 24 | 611 | 495 |
| Schenectady, N.Y.----- | 27 | 20 | 595 | 604 | Dallas, Tex.----- | 117 | 136 | 3,162 | 2,867 |
| Scranton, Pa.----- | 42 | 45 | 962 | 984 | El Paso, Tex.----- | 35 | 37 | 950 | 887 |
| Syracuse, N.Y.----- | 49 | 69 | 1,561 | 1,565 | Fort Worth, Tex.----- | 69 | 61 | 1,701 | 1,546 |
| Trenton, N.J.----- | 41 | 30 | 1,049 | 1,090 | Houston, Tex.----- | 185 | 124 | 4,247 | 3,774 |
| Utica, N.Y.----- | 26 | 25 | 695 | 705 | Little Rock, Ark.----- | 42 | 64 | 1,488 | 1,354 |
| Yonkers, N.Y.----- | 28 | 27 | 767 | 780 | New Orleans, La.----- | 179 | 208 | 4,627 | 4,066 |
| EAST NORTH CENTRAL: | | | | | Oklahoma City, Okla.----- | 61 | 61 | 1,876 | 1,643 |
| Akron, Ohio----- | 55 | 55 | 1,407 | 1,455 | San Antonio, Tex.----- | 87 | 103 | 2,581 | 2,382 |
| Canton, Ohio----- | 25 | 29 | 869 | 824 | Shreveport, La.----- | 54 | 59 | 1,351 | 1,235 |
| Chicago, Ill.----- | 714 | 711 | 19,186 | 18,701 | Tulsa, Okla.----- | 51 | 40 | 1,401 | 1,255 |
| Cincinnati, Ohio----- | 134 | 144 | 3,950 | 3,903 | MOUNTAIN: | | | | |
| Cleveland, Ohio----- | 187 | 242 | 5,376 | 5,124 | Albuquerque, N. Mex.----- | 27 | 27 | 744 | 765 |
| Columbus, Ohio----- | 124 | 107 | 3,007 | 2,782 | Colorado Springs, Colo.----- | 20 | 11 | 418 | 375 |
| Dayton, Ohio----- | 82 | 64 | 1,782 | 1,658 | Denver, Colo.----- | 116 | 144 | 2,989 | 2,893 |
| Detroit, Mich.----- | 335 | 345 | 8,615 | 8,133 | Ogden, Utah----- | 20 | 21 | 428 | 385 |
| Evansville, Ind.----- | 22 | 33 | 918 | 938 | Phoenix, Ariz.----- | 66 | 73 | 1,965 | 1,278 |
| Flint, Mich.----- | 41 | 24 | 990 | 998 | Pueblo, Colo.----- | 16 | 20 | 382 | 330 |
| Fort Wayne, Ind.----- | 41 | 29 | 926 | 874 | Salt Lake City, Utah----- | 56 | 47 | 1,217 | 1,226 |
| Gary, Ind.----- | 44 | 43 | 787 | 758 | Tucson, Ariz.----- | 31 | 46 | 924 | 602 |
| Grand Rapids, Mich.----- | 39 | 41 | 1,047 | 1,046 | PACIFIC: | | | | |
| Indianapolis, Ind.----- | 118 | 156 | 3,682 | 3,487 | Berkeley, Calif.----- | 14 | 13 | 420 | 433 |
| Madison, Wis.----- | 33 | 34 | 810 | 720 | Fresno, Calif.----- | (43) | (35) | (1,149) | (1,007) |
| Milwaukee, Wis.----- | 124 | 125 | 3,133 | 3,184 | Glendale, Calif.----- | (35) | (31) | (954) | (879) |
| Peoria, Ill.----- | 25 | 24 | 751 | 730 | Honolulu, Hawaii----- | 49 | 33 | 1,032 | 906 |
| Rockford, Ill.----- | 39 | 28 | 720 | 704 | Long Beach, Calif.----- | 48 | 54 | 1,366 | 1,370 |
| South Bend, Ind.----- | 40 | 21 | 720 | 646 | Los Angeles, Calif.----- | 446 | 436 | 12,977 | 11,979 |
| Toledo, Ohio----- | 88 | 84 | 2,510 | 2,428 | Oakland, Calif.----- | 104 | 99 | 2,425 | 2,273 |
| Youngstown, Ohio----- | 47 | 54 | 1,396 | 1,327 | Pasadena, Calif.----- | 33 | 32 | 865 | 760 |
| WEST NORTH CENTRAL: | | | | | Portland, Oreg.----- | 139 | 118 | 2,740 | 2,798 |
| Des Moines, Iowa----- | 57 | 61 | 1,406 | 1,317 | Sacramento, Calif.----- | 64 | 67 | 1,444 | 1,323 |
| Duluth, Minn.----- | 32 | 28 | 652 | 642 | San Diego, Calif.----- | 79 | 59 | 2,249 | 2,007 |
| Kansas City, Kans.----- | 39 | 39 | 876 | 815 | San Francisco, Calif.----- | 200 | 183 | 5,005 | 4,881 |
| Kansas City, Mo.----- | 105 | 126 | 3,243 | 2,962 | San Jose, Calif.----- | (32) | (47) | (832) | (625) |
| Lincoln, Nebr.----- | (26) | (17) | (635) | (639) | Seattle, Wash.----- | 130 | 141 | 3,508 | 3,334 |
| Minneapolis, Minn.----- | 120 | 129 | 3,085 | 3,068 | Spokane, Wash.----- | 51 | 41 | 1,154 | 1,218 |
| Omaha, Nebr.----- | 62 | 69 | 1,863 | 1,796 | Tacoma, Wash.----- | 27 | 54 | 1,070 | 1,051 |

¹Estimated.

²Includes estimate for current week.

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-- | () |

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SOURCE AND NATURE OF MORBIDITY DATA

These provisional data are based on reports to the Public Health Service from the health departments of each State and Puerto Rico. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday. Total figures for the United States and the Pacific Division include data for Alaska for 1959 and 1960; data for Hawaii are included for 1960 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 are reported by a State (cholera, dengue, plague, louse-borne relapsing fever, small-pox, louse-borne epidemic typhus, and yellow fever) this is noted below table 1.

POSTAGE AND FEES PAID
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