

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

For release January 2, 1960

Washington 25, D. C.

Vol. 8, No. 51

Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended December 26, 1959

A human death from rabies was reported in Missouri. The victim was an adult male. Mouse-inoculation tests with spinal fluid were positive, and a study of brain tissue also revealed Negri bodies. The source of infection has not been determined. This is the fifth case of rabies reported this year.

pyrexial periods having onsets on November 3, 13, and 26. Other signs and symptoms included a lesion at the site of the old injury, chills, fever, generalized muscular aches and pains, and pain and swelling in an axillary lymph node on the affected side. Agglutination tests for tularemia on the patient's sera were reported as follows: acute specimen obtained November 3 was negative; convalescent specimen obtained on November 19 was positive in a titer of 1:1250.

EPIDEMIOLOGICAL REPORTS

Tularemia

The Nebraska Morbidity Report for the month of November states that a case of tularemia in a 29-year-old man was reported by the University of Nebraska Student Health Center. The patient had been rabbit hunting in Pawnee County on October 31. An old finger laceration was reinjured on the hunting trip and later on the same day the patient cleaned rabbits and quail. No obvious lesions were noticed on either the rabbits or the quail. The course of the disease was characterized by 3 separate

Disease of unknown etiology

Dr. Robert M. Albrecht, New York State Department of Health, supplied information about an outbreak in a hospital of an infection occurring around the umbilicus and in the cord of infants, generally beginning on the second or third day of life. Eight cases were recognized during the period from October 18 to November 14. During this time there were almost 300

Continued on page 2

Table 1. Cases of Specified Notifiable Diseases: Continental United States

(See page 8 for source and nature of data)

| DISEASE (Seventh Revision of International Lists, 1955) | 51st Week | | | CUMULATIVE NUMBER | | | | | | Approximate seasonal low point |
|---|---|---|-------------------|-------------------|-------------------|-------------------|-------------------------|---------|------------------------------------|---|
| | Ended Dec. 26, 1959 ¹ | Ended Dec. 27, 1958 ¹ | Median 1954-58 | First 51 weeks | | | Since seasonal low week | | | |
| | | | | 1959 ¹ | 1958 ¹ | Median 1954-58 | 1958-59 ¹ | 1957-58 | Median 1953-54 to 1957-58 | |
| Anthrax-----062 | - | 1 | - | 12 | 16 | 20 | (2) | (2) | (2) | (2) |
| Botulism-----049.1 | - | - | - | 22 | 4 | 11 | (2) | (2) | (2) | (2) |
| Brucellosis (undulant fever)-----044 | 1 | 6 | 16 | 714 | 781 | 1,078 | (2) | (2) | (2) | (2) |
| Diphtheria-----055 | 29 | 26 | 33 | 932 | 894 | 1,537 | 544 | 572 | 772 | July 1 |
| Encephalitis, infectious-----082 | 24 | 17 | 22 | 2,178 | 2,304 | 1,891 | 1,597 | 1,710 | 1,335 | June 1 |
| Hepatitis, infectious, and serum-----092, M998.5 pt. | 445 | 261 | 395 | 22,746 | 15,125 | 18,710 | 7,968 | 5,044 | 5,199 | Sept. 1 |
| Malaria-----110-117 | - | 1 | 1 | 70 | 74 | 232 | (2) | (2) | (2) | (2) |
| Measles-----085 | 4,530 | 4,226 | 4,510 | 397,697 | 750,142 | 596,059 | 35,412 | 45,398 | 37,209 | Sept. 1 |
| Meningococcal infections-----057 | 27 | 41 | 51 | 2,180 | 2,532 | 2,599 | 616 | 812 | 890 | Sept. 1 |
| Meningitis, other-----340 | 65 | 95 | --- | 5,561 | 4,378 | --- | --- | --- | --- | --- |
| Polio myelitis-----080 | 69 | 85 | 102 | 8,531 | 5,987 | 15,327 | 8,263 | 5,800 | 14,348 | Apr. 1 |
| Paralytic-----080.0, 080.1 | 50 | 58 | 58 | 5,661 | 3,090 | 6,656 | 5,474 | 2,987 | 6,125 | Apr. 1 |
| Nonparalytic-----080.2 | 15 | 13 | 30 | 2,178 | 2,007 | 5,870 | 2,133 | 1,948 | 5,608 | Apr. 1 |
| Unspecified-----080.3 | 4 | 14 | 14 | 692 | 890 | 2,801 | 656 | 865 | 2,615 | Apr. 1 |
| Psittacosis-----096.2 | 2 | 4 | 5 | 122 | 142 | 268 | (2) | (2) | (2) | (2) |
| Rabies in man-----094 | 4 ¹ | 1 | - | 5 | 6 | 6 | (2) | (2) | (2) | (2) |
| Typhoid fever-----040 | 7 | 17 | 17 | 855 | 1,056 | 1,703 | 731 | 890 | 1,413 | Apr. 1 |
| Typhus fever, endemic-----101 | - | 3 | 2 | 47 | 73 | 113 | 41 | 62 | 89 | Apr. 1 |
| Rabies in animals----- | 70 | 59 | 89 | 3,839 | 4,417 | 4,616 | 980 | 830 | 964 | Oct. 1 |

¹Data include report from Florida for week ended December 19 combined with report for current week, and comparable weeks in 1958. ²Data show no pronounced seasonal change in incidence. ³Includes 15 cases of aseptic meningitis; see footnotes to table 2. ⁴Reported in Missouri.

EPIDEMIOLOGICAL REPORTS—Continued

births in the hospital. Four of the infections developed during the 5 days—November 10 to 14. Investigation failed to reveal any relation to any attending physician, any member of the staff in the delivery rooms, any nursery, nurse, or to the taking of specimens by any laboratory technician. Most of these babies had no other lesions, and lesions of any sort were not prevalent in other babies during this period. It was thought that any unusual lesion occurring after discharge from the hospital would have been detected and reported. The first 2 cases died. Each showed only a cellulitis of the abdominal wall and fibrinous peritonitis. Cultures were difficult to interpret. Many organisms were recovered, but it was not known if these were recovered from pus or from normal skin surrounding the infection. It was thought the illness was probably a mixed infection contracted from contaminated objects touching the cord. Bacteriological examination of the materials used in the delivery room were negative, except that Bacillus subtilis was isolated in moderate numbers from diapers laundered by a commercial establishment. The outbreak came to an end after a number of measures were taken, including autoclaving diapers and other linen touching the babies.

Shigellosis

Information has been received from Dr. Robert M. Albrecht, New York State Department of Health, that an unusual amount of shigellosis due to Shigella sonnei has been reported in the city of Buffalo, beginning in the early summer and continuing through November. Seven cases were reported during June. The number increased to 48 during October and then dropped to 27 during November. There have been no deaths. An investigation, carried out by Dr. Mosher, Erie County Health Commissioner, and Dr. Robert Kottman, assigned to the State department of health, has revealed that the disease is concentrated in lower socio-economic areas of Buffalo with about equal distribution among white and nonwhite persons. Among the nonwhite persons the disease is practically confined to children under 10 years of age, whereas the cases among white persons have a slightly older age distribution. The disease has been spread by contact, with many chains of contact transmission noted. It was reported that a number of the infections have been reported as a result of a long-term study of the etiology of diarrhea being conducted by a physician in a local children's hospital.

Salmonellosis

Dr. Alta Ashley, Maine District Health Officer, reported an outbreak of salmonellosis in a family of 4 persons and a 71-year-old woman. The woman was a supper guest of the family. The meal consisted of a chicken and mushroom dish and a salad with mayonnaise. The 2 adults of the family became ill with diarrhea a few hours after the supper; the guest became ill the next day; a 4-year-old child 2 days later, and a baby became ill close to 3 weeks later. All suffered from diarrhea. Stools from the 4-year-old child contained blood and were found to be positive for Salmonella typhimurium. Samples of the mayonnaise were cultured and were negative for Salmonella.

Staphylococcal food poisoning

Dr. Raymond F. McAteer, Rhode Island State Department of Health, reported an outbreak of staphylococcal food poisoning among a group of 89 elderly people. Seventeen persons became ill from 3½ to 5½ hours after eating a typical turkey dinner. Symptoms included nausea, vomiting, diarrhea, and abdominal

cramps. Specimens of all the foods served except the turkey were obtained. Coagulase-positive Staphylococcus aureus was present in a mixture of potatoes and turnips and a mixture of stuffing and turnips, and were also isolated from a nearly healed lesion on a cook's finger. There was also a heavy growth of Aerobacter, Escherichia, and Pseudomonas on the salad, potatoes, and turnips and stuffing. All the other foods were negative. Sanitation and foodhandling practices were reported to be poor. The turkey was left unrefrigerated for 12 hours after cooking. Nose, throat, and stool specimens from the foodhandlers were negative except for the cook. The gross contamination of the salad suggested fecal contamination, but whether it might have been human or rodent contamination could not be determined.

Gastroenteritis

Dr. John Degen, Middletown (New York) District Health Officer, reported that 90 persons in an institution became ill with abdominal cramps, nausea, vomiting, and severe diarrhea from 6 to 8 hours after eating the suspect meal. The histories of foods eaten indicated meat and tomato gravy as the vehicle. This food was prepared and left on the back of the stove for 5 hours; then it was reheated and served. Three foodhandlers had pustules on the skin. The kitchen was being remodeled and the temporary facilities for preparing and handling foods were very inadequate.

Dr. Degen also reported that 6 persons complained of diarrhea after eating Thanksgiving dinner in a restaurant. The illnesses were mild and short. No food was incriminated as the vehicle and investigation showed that foodhandling and refrigeration in the restaurant were satisfactory.

William J. Carney, Bangor (Maine) City Health Officer, reported that 42 persons became ill after eating a turkey dinner in a hotel dining room. The average incubation period was 13½ hours. All of the patients suffered cramps and diarrhea and some had nausea. The dinner guests could either order a turkey plate or have a whole turkey served to a family group. Most of the ill persons had the whole turkey. The turkeys were cooked the day before the dinner. The whole turkeys were reheated just before serving.

Dr. David Davidson, Maine District Health Officer, reported the occurrence of gastroenteritis lasting for several weeks in an institution. Approximately 235 cases occurred. No source was found and the etiology was not established. Bacteriological examinations of stool specimens from inmates were negative. Specimens from six persons were shipped to a laboratory for viral studies but the specimens arrived unfrozen and no virus was isolated.

Dr. R. T. Ravenholt and Mary L. Johnson, Seattle-King County (Washington) Health Department, supplied 5 reports of gastroenteritis of undetermined etiology. Two of the outbreaks occurred in private homes. In one instance, 9 persons became ill. Baked smoked ham was suspected as the vehicle of infection. The other of these 2 reports stated that 2 persons became ill after eating frozen salmon from their own freezer, canned beans, potatoes, and coffee. Other members of the family ate canned corn rather than the beans and did not become ill. The three other reports were about illness following the ingestion of food in restaurants. Only 1 or 2 persons were ill in each instance. Hamburger was listed as the suspect food in one report. It was not well-cooked and was very greasy. No suspect food was identified in the other 2 reports.

Morbidity and Mortality Weekly Report

3.

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED DECEMBER 27, 1958, AND DECEMBER 26, 1959

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

| AREA | BRUCELLOSIS (undulant fever) | | DIPHTHERIA 055 | | | | ENCEPHALITIS, INFECTIOUS | | HEPATITIS, INFECTIOUS, AND SERUM 092,N998.5 pt. | | | |
|--|---------------------------------|------|----------------|------|------------------------------|------|-----------------------------|------|--|------|------------------------------|--------|
| | 044 | | 51st week | | Cumulative first 51 weeks | | 082 | | 51st week | | Cumulative first 51 weeks | |
| | 1959 | 1958 | 1959 | 1958 | 1959 | 1958 | 1959 | 1958 | 1959 | 1958 | 1959 | 1958 |
| CONT. UNITED STATES ¹ ----- | 1 | 6 | 29 | 26 | 932 | 894 | 24 | 17 | 445 | 261 | 22,746 | 15,125 |
| NEW ENGLAND----- | - | - | - | - | 5 | 9 | - | 1 | 21 | 11 | 765 | 601 |
| Maine----- | - | - | - | - | - | - | - | - | - | - | 91 | 77 |
| New Hampshire----- | - | - | - | - | - | - | - | - | - | - | 15 | 2 |
| Vermont----- | - | - | - | - | - | - | - | - | - | - | 27 | 33 |
| Massachusetts----- | - | - | - | - | 5 | 8 | - | - | 13 | 6 | 402 | 297 |
| Rhode Island----- | - | - | - | - | - | - | - | 1 | 2 | 3 | 77 | 73 |
| Connecticut----- | - | - | - | - | - | 1 | - | - | 6 | 2 | 153 | 119 |
| MIDDLE ATLANTIC----- | - | 1 | - | 1 | 51 | 38 | 3 | 3 | 54 | 55 | 3,341 | 2,140 |
| New York----- | - | 1 | - | - | 25 | 17 | 1 | 3 | 32 | 29 | 2,008 | 1,437 |
| New Jersey----- | - | - | - | 1 | 10 | 5 | - | - | 1 | 14 | 325 | 181 |
| Pennsylvania----- | - | - | - | - | 16 | 16 | 2 | - | 21 | 12 | 1,008 | 522 |
| EAST NORTH CENTRAL----- | - | 1 | - | - | 32 | 45 | 5 | 2 | 82 | 43 | 3,508 | 2,593 |
| Ohio----- | - | - | - | - | 11 | 11 | 1 | - | 32 | 5 | 1,030 | 807 |
| Indiana----- | - | - | - | - | 5 | 15 | 2 | 1 | 5 | 6 | 334 | 250 |
| Illinois----- | - | - | - | - | 10 | 12 | 2 | - | 17 | 8 | 788 | 627 |
| Michigan----- | - | - | - | - | 4 | 6 | - | 1 | 14 | 13 | 1,114 | 671 |
| Wisconsin----- | - | 1 | - | - | 2 | 1 | - | - | 14 | 11 | 242 | 238 |
| WEST NORTH CENTRAL----- | 1 | 2 | 10 | 5 | 78 | 140 | - | 2 | 26 | 20 | 1,800 | 1,241 |
| Minnesota----- | - | - | 2 | 2 | 25 | 73 | - | 1 | 12 | 4 | 417 | 190 |
| Iowa----- | 1 | 1 | - | - | 3 | 14 | - | - | 1 | 1 | 164 | 200 |
| Missouri----- | - | - | 2 | - | 10 | 14 | - | - | 6 | 4 | 432 | 249 |
| North Dakota----- | - | - | - | - | 2 | 4 | - | - | 2 | 9 | 453 | 244 |
| South Dakota----- | - | - | - | 3 | 4 | 21 | - | - | 1 | - | 76 | 17 |
| Nebraska----- | - | - | 6 | - | 26 | 12 | - | - | 3 | 2 | 88 | 91 |
| Kansas----- | - | 1 | - | - | 8 | 2 | - | 1 | 1 | - | 170 | 250 |
| SOUTH ATLANTIC ¹ ----- | - | - | 6 | 8 | 291 | 286 | 2 | 2 | 47 | 21 | 2,028 | 1,184 |
| Delaware----- | - | - | - | - | - | 3 | - | - | - | 2 | 136 | 62 |
| Maryland----- | - | - | - | - | 8 | 2 | - | 1 | 7 | 7 | 401 | 183 |
| District of Columbia----- | - | - | - | - | - | 27 | 1 | - | 1 | 1 | 21 | 21 |
| Virginia----- | - | - | 1 | - | 15 | 17 | - | 1 | 9 | 2 | 500 | 281 |
| West Virginia----- | - | - | - | - | 3 | 25 | - | - | 3 | - | 315 | 159 |
| North Carolina----- | - | - | - | - | 25 | 35 | 1 | - | 1 | - | 125 | 64 |
| South Carolina----- | - | - | - | - | 31 | 75 | - | - | 1 | - | 55 | 42 |
| Georgia----- | - | - | 2 | - | 121 | 73 | - | - | 3 | 2 | 143 | 135 |
| Florida ¹ ----- | - | - | 3 | 8 | 88 | 29 | - | - | 22 | 7 | 332 | 237 |
| EAST SOUTH CENTRAL----- | - | - | 6 | 4 | 123 | 106 | 4 | 1 | 44 | 25 | 2,375 | 1,234 |
| Kentucky----- | - | - | - | 2 | 9 | 7 | - | - | 25 | 21 | 1,238 | 614 |
| Tennessee----- | - | - | - | 1 | 10 | 12 | - | - | 13 | 1 | 510 | 312 |
| Alabama----- | - | - | 6 | - | 59 | 53 | 3 | 1 | 6 | 3 | 476 | 223 |
| Mississippi----- | - | - | - | 1 | 45 | 34 | 1 | - | - | - | 151 | 85 |
| WEST SOUTH CENTRAL----- | - | 1 | 5 | 6 | 314 | 207 | - | 3 | 19 | 10 | 1,780 | 1,119 |
| Arkansas----- | - | - | 3 | 2 | 42 | 46 | - | 1 | - | - | 81 | 104 |
| Louisiana----- | - | - | - | 1 | 96 | 74 | - | - | 1 | - | 118 | 12 |
| Oklahoma----- | - | - | 2 | - | 21 | 22 | - | - | 3 | 1 | 277 | 155 |
| Texas----- | - | 1 | - | 3 | 155 | 65 | - | 2 | 15 | 9 | 1,304 | 848 |
| MOUNTAIN----- | - | - | 1 | 2 | 21 | 50 | 1 | 1 | 78 | 31 | 2,972 | 2,098 |
| Montana----- | - | - | - | - | - | 8 | - | - | 1 | 2 | 274 | 421 |
| Idaho----- | - | - | 1 | - | 1 | 1 | - | - | 6 | 1 | 371 | 209 |
| Wyoming----- | - | - | - | - | - | 2 | - | - | - | 4 | 60 | 25 |
| Colorado----- | - | - | - | 2 | 8 | 14 | - | 1 | 38 | 14 | 868 | 326 |
| New Mexico----- | - | - | - | - | 8 | 22 | - | - | 14 | 4 | 550 | 354 |
| Arizona----- | - | - | - | - | 2 | 3 | - | - | 12 | 5 | 592 | 482 |
| Utah----- | - | - | - | - | - | - | 1 | - | 6 | 1 | 230 | 178 |
| Nevada----- | - | - | - | - | 2 | - | - | - | 1 | - | 27 | 103 |
| PACIFIC----- | - | 1 | 1 | - | 17 | 13 | 9 | 2 | 74 | 45 | 4,177 | 2,915 |
| Alaska----- | - | - | - | - | 5 | - | - | - | 7 | - | 80 | (74) |
| Washington----- | - | - | - | - | - | - | - | - | 10 | 6 | 555 | 452 |
| Oregon----- | - | - | 1 | - | 6 | 8 | - | - | 19 | 5 | 896 | 447 |
| California----- | - | 1 | - | - | 6 | 5 | 9 | 2 | 38 | 34 | 2,646 | 2,016 |
| Hawaii----- | - | - | - | - | 2 | - | - | - | - | - | 51 | 64 |
| Puerto Rico----- | - | - | - | 1 | 45 | 52 | - | - | - | 3 | 374 | 177 |

¹Data include report from Florida for week ended December 19 combined with report for current week, and for comparable weeks in 1958.

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 DECEMBER 27, 1958, AND DECEMBER 26, 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 ² | | | | Paralytic 080.0,080.1 | | | | Nonparalytic | | 085 | |
| | 51st week | | Cumulative first 51 weeks | | 51st week | | Cumulative first 51 weeks | | 080.2 | | 085 | |
| | 1959 | 1958 | 1959 | 1958 | 1959 | 1958 | 1959 | 1958 | 1959 | 1958 | 1959 | 1958 |
| CONT. UNITED STATES ¹ ----- | 69 | 85 | 8,531 | 5,987 | 50 | 58 | 5,661 | 3,090 | 15 | 13 | 4,530 | 4,226 |
| NEW ENGLAND----- | 3 | - | 396 | 91 | 3 | - | 305 | 55 | - | - | 284 | 369 |
| Maine----- | 1 | - | 90 | 4 | 1 | - | 90 | 4 | - | - | 90 | 3 |
| New Hampshire----- | - | - | 5 | 4 | - | - | 4 | - | - | - | 1 | 4 |
| Vermont----- | - | - | 11 | 6 | - | - | 9 | 5 | - | - | 3 | 154 |
| Massachusetts----- | 2 | - | 158 | 30 | 2 | - | 111 | 14 | - | - | 176 | 93 |
| Rhode Island----- | - | - | 10 | 3 | - | - | 7 | 3 | - | - | 1 | - |
| Connecticut----- | - | - | 122 | 44 | - | - | 84 | 29 | - | - | 13 | 115 |
| MIDDLE ATLANTIC----- | 10 | 5 | 845 | 710 | 6 | 3 | 561 | 390 | 4 | - | 306 | 923 |
| New York----- | 5 | 3 | 523 | 293 | 3 | 3 | 324 | 178 | 2 | - | 233 | 77 |
| New Jersey----- | 1 | 2 | 138 | 294 | - | - | 92 | 114 | 1 | - | 45 | 277 |
| Pennsylvania----- | 4 | - | 184 | 123 | 3 | - | 145 | 98 | 1 | - | 28 | 569 |
| EAST NORTH CENTRAL----- | 9 | 24 | 1,292 | 2,089 | 8 | 13 | 589 | 807 | 1 | 2 | 1,237 | 850 |
| Ohio----- | 2 | 12 | 281 | 411 | 2 | 4 | 125 | 118 | - | - | 162 | 259 |
| Indiana----- | - | 2 | 153 | 141 | - | 1 | 105 | 81 | - | - | 36 | 143 |
| Illinois----- | 7 | 2 | 341 | 241 | 6 | 2 | 183 | 90 | 1 | - | 412 | 91 |
| Michigan----- | - | 7 | 457 | 1,233 | - | 6 | 142 | 490 | - | 1 | 163 | 190 |
| Wisconsin----- | - | 1 | 60 | 63 | - | - | 34 | 28 | - | 1 | 464 | 167 |
| WEST NORTH CENTRAL----- | 13 | 12 | 1,557 | 424 | 7 | 8 | 854 | 229 | 5 | 4 | 445 | 384 |
| Minnesota----- | - | - | 247 | 32 | - | - | 201 | 25 | - | - | 106 | 3 |
| Iowa----- | - | - | 445 | 75 | - | - | 230 | 27 | - | - | 301 | 232 |
| Missouri----- | 5 | 3 | 510 | 186 | 2 | 3 | 277 | 139 | 2 | - | 1 | 27 |
| North Dakota----- | - | 8 | 16 | 51 | - | 5 | 9 | 29 | - | 3 | 37 | 121 |
| South Dakota----- | - | - | 13 | 14 | - | - | - | 1 | - | - | - | - |
| Nebraska----- | - | - | 136 | 34 | - | - | 69 | 4 | - | - | - | 1 |
| Kansas----- | 8 | 1 | 190 | 32 | 5 | - | 68 | 4 | 3 | 1 | (*) | (*) |
| SOUTH ATLANTIC ¹ ----- | 12 | 33 | 1,297 | 885 | 9 | 28 | 1,026 | 512 | 1 | 3 | 168 | 369 |
| Delaware----- | - | - | 9 | 29 | - | - | 7 | 18 | - | - | 2 | 3 |
| Maryland----- | - | - | 44 | 27 | - | - | 41 | 22 | - | - | 32 | 55 |
| District of Columbia----- | - | - | 6 | 9 | - | - | 5 | 7 | - | - | 13 | 4 |
| Virginia----- | 1 | 3 | 288 | 159 | 1 | 3 | 248 | 132 | - | - | 65 | 165 |
| West Virginia----- | - | 1 | 195 | 211 | - | 1 | 163 | 134 | - | - | 6 | 45 |
| North Carolina----- | 3 | - | 292 | 98 | 3 | - | 246 | 38 | - | - | - | 6 |
| South Carolina----- | - | - | 90 | 34 | - | - | 48 | 22 | - | - | - | 3 |
| Georgia----- | 5 | 17 | 175 | 73 | 5 | 15 | 136 | 45 | - | 2 | 6 | 10 |
| Florida ¹ ----- | 3 | 12 | 198 | 245 | - | 9 | 132 | 94 | 1 | 1 | 44 | 78 |
| EAST SOUTH CENTRAL----- | 5 | 3 | 881 | 395 | 3 | - | 670 | 200 | 1 | 2 | 88 | 107 |
| Kentucky----- | - | 2 | 113 | 80 | - | - | 87 | 63 | - | 2 | 49 | 59 |
| Tennessee----- | - | 1 | 389 | 133 | - | - | 294 | 58 | - | - | 33 | 36 |
| Alabama----- | - | - | 251 | 61 | - | - | 212 | 41 | - | - | 5 | 2 |
| Mississippi----- | 5 | - | 128 | 121 | 3 | - | 77 | 38 | 1 | - | 1 | 10 |
| WEST SOUTH CENTRAL----- | 4 | 7 | 1,140 | 787 | 3 | 5 | 748 | 528 | 1 | 2 | 656 | 196 |
| Arkansas----- | - | 1 | 304 | 32 | - | 1 | 230 | 30 | - | - | - | 82 |
| Louisiana----- | 1 | - | 146 | 79 | 1 | - | 104 | 54 | - | - | 2 | 1 |
| Oklahoma----- | 2 | - | 160 | 60 | 2 | - | 92 | 23 | - | - | 8 | - |
| Texas----- | 1 | 6 | 530 | 616 | - | 4 | 322 | 421 | 1 | 2 | 646 | 113 |
| MOUNTAIN----- | 2 | - | 203 | 204 | 1 | - | 114 | 94 | 1 | - | 925 | 593 |
| Montana----- | 1 | - | 14 | 68 | 1 | - | 6 | 42 | - | - | 84 | 43 |
| Idaho----- | - | - | 8 | 12 | - | - | - | - | - | - | 26 | 6 |
| Wyoming----- | - | - | 2 | 13 | - | - | 1 | 1 | - | - | 308 | 248 |
| Colorado----- | - | - | 26 | 20 | - | - | 18 | 15 | - | - | 30 | 216 |
| New Mexico----- | - | - | 44 | 39 | - | - | 27 | 16 | - | - | 385 | 2 |
| Arizona----- | 1 | - | 90 | 34 | - | - | 54 | 14 | 1 | - | 9 | 66 |
| Utah----- | - | - | 12 | 12 | - | - | 4 | 4 | - | - | 83 | 12 |
| Nevada----- | - | - | 7 | 6 | - | - | 4 | 2 | - | - | - | - |
| PACIFIC----- | 11 | 1 | 920 | 402 | 10 | 1 | 794 | 275 | 1 | - | 421 | 435 |
| Alaska----- | - | - | 29 | (2) | - | - | 15 | (1) | - | - | 21 | (64) |
| Washington----- | 4 | - | 215 | 38 | 4 | - | 215 | 3 | - | - | 154 | 46 |
| Oregon----- | 2 | 1 | 187 | 40 | 1 | 1 | 147 | 27 | 1 | - | 131 | 120 |
| California----- | 5 | - | 489 | 324 | 5 | - | 417 | 245 | - | - | 115 | 269 |
| Hawaii----- | - | - | 5 | 76 | - | - | 5 | 76 | - | - | 382 | 4 |
| Puerto Rico----- | - | - | 8 | 59 | - | - | 7 | 56 | - | - | 19 | 45 |

¹Data include report from Florida for week ended December 19 combined with report for current week, and for comparable weeks in 1958.²Includes cases not specified by type, category number 080.3.

Morbidity and Mortality Weekly Report

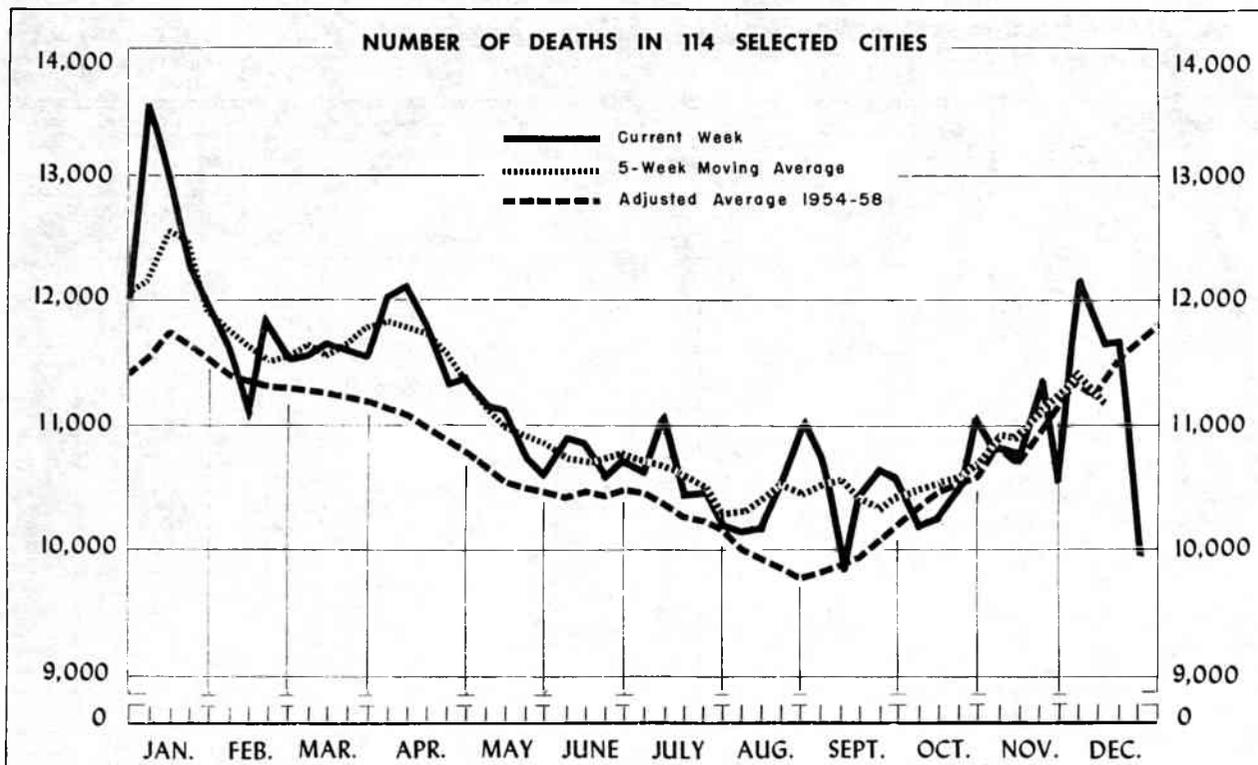
Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED DECEMBER 27, 1958, AND DECEMBER 26, 1959—Continued

(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 | PSITTACOSIS | TYPHOID FEVER 040 | | | | TYPHUS FEVER, ENDEMIC | RABIES IN ANIMALS | | |
|--|---------|------|--------------------------|-----------------|-------------------|-------------|-------------------|------|---------------------------|------|-----------------------|-------------------|------|------|
| | 110-117 | | 057 | | 340 | 096.2 | 51st week | | Cumulative first 51 weeks | | 101 | 1959 | 1959 | 1958 |
| | 1959 | 1958 | 1959 | 1958 | 1959 | 1958 | 1959 | 1958 | 1959 | 1958 | 1959 | 1959 | 1958 | 1958 |
| CONT. UNITED STATES ¹ ----- | - | 27 | 41 | 65 | 2 | 7 | 17 | 855 | 1,056 | - | 70 | 59 | | |
| NEW ENGLAND----- | - | 2 | 4 | 4 | - | - | - | 16 | 20 | - | - | - | - | |
| Maine----- | - | - | - | - | - | - | - | 2 | 2 | - | - | - | - | |
| New Hampshire----- | - | - | - | - | - | - | - | - | 1 | - | - | - | - | |
| Vermont----- | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| Massachusetts----- | - | 1 | 1 | 3 | - | - | - | 6 | 9 | - | - | - | - | |
| Rhode Island----- | - | - | 1 | 1 | - | - | - | 3 | 1 | - | - | - | - | |
| Connecticut----- | - | 1 | 2 | - | - | - | - | 5 | 7 | - | - | - | - | |
| MIDDLE ATLANTIC----- | - | 3 | 3 | 11 | - | 1 | 88 | 111 | - | 3 | - | - | - | |
| New York----- | - | 1 | 2 | ³ 11 | - | 1 | 38 | 39 | - | 2 | - | - | - | |
| New Jersey----- | - | 1 | - | - | - | - | - | 13 | 26 | - | - | - | - | |
| Pennsylvania----- | - | 1 | 1 | - | - | - | - | 37 | 46 | - | 1 | - | - | |
| EAST NORTH CENTRAL----- | - | 5 | 12 | 18 | - | 1 | 105 | 112 | - | 2 | 7 | - | - | |
| Ohio----- | - | 1 | 5 | 1 | - | - | 52 | 40 | - | - | 3 | - | - | |
| Indiana----- | - | 2 | 1 | 2 | - | 1 | 17 | 20 | - | - | - | 2 | - | |
| Illinois----- | - | 1 | 2 | ⁴ 7 | - | - | 21 | 24 | - | - | - | - | - | |
| Michigan----- | - | 1 | 4 | 7 | - | 1 | 9 | 18 | - | 1 | - | - | - | |
| Wisconsin----- | - | - | - | ⁵ 1 | - | - | 6 | 10 | - | 1 | 2 | - | - | |
| WEST NORTH CENTRAL----- | - | 2 | 3 | 2 | 2 | 1 | 53 | 77 | - | 19 | 16 | - | - | |
| Minnesota----- | - | - | - | 2 | 2 | - | 4 | 3 | - | 3 | 6 | - | - | |
| Iowa----- | - | - | 1 | - | - | - | 9 | 15 | - | 5 | 3 | - | - | |
| Missouri----- | - | 1 | 2 | - | - | 1 | 19 | 37 | - | 9 | 6 | - | - | |
| North Dakota----- | - | - | - | - | - | - | 5 | 2 | - | 2 | - | - | - | |
| South Dakota----- | - | - | - | - | - | - | 3 | 7 | - | - | - | - | - | |
| Nebraska----- | - | - | - | - | - | - | 5 | 3 | - | - | - | 1 | - | |
| Kansas----- | - | 1 | - | - | - | - | 8 | 10 | - | - | - | - | - | |
| SOUTH ATLANTIC ¹ ----- | - | 10 | 6 | 14 | - | 7 | 144 | 181 | - | 18 | 18 | - | - | |
| Delaware----- | - | 1 | - | - | - | - | 3 | 5 | - | - | - | - | - | |
| Maryland----- | - | - | - | - | - | - | 5 | 14 | - | - | - | - | - | |
| District of Columbia----- | - | - | 2 | - | - | - | 4 | 6 | - | - | - | - | - | |
| Virginia----- | - | 3 | 4 | 6 | - | - | 30 | 37 | - | 2 | 2 | - | - | |
| West Virginia----- | - | 2 | - | - | - | - | 15 | 21 | - | 3 | - | - | - | |
| North Carolina----- | - | - | - | - | - | 1 | 15 | 21 | - | 11 | 11 | - | - | |
| South Carolina----- | - | - | - | - | - | - | 13 | 12 | - | 1 | 2 | - | - | |
| Georgia----- | - | - | - | 3 | - | - | 31 | 36 | - | 1 | 2 | - | - | |
| Florida ¹ ----- | - | 4 | 2 | ⁵ 3 | - | 6 | 28 | 29 | - | - | 1 | - | - | |
| EAST SOUTH CENTRAL----- | - | 2 | 3 | 2 | - | 1 | 128 | 133 | - | 3 | 5 | - | - | |
| Kentucky----- | - | 1 | 1 | - | - | - | 30 | 41 | - | - | 2 | - | - | |
| Tennessee----- | - | 1 | - | - | - | 1 | 60 | 38 | - | 1 | 2 | - | - | |
| Alabama----- | - | - | - | - | - | - | 21 | 25 | - | 2 | 1 | - | - | |
| Mississippi----- | - | 2 | 2 | 2 | - | - | 17 | 29 | - | - | - | - | - | |
| WEST SOUTH CENTRAL----- | - | 2 | 3 | 2 | - | 4 | 186 | 230 | - | 22 | 13 | - | - | |
| Arkansas----- | - | - | - | - | - | 1 | 38 | 31 | - | 8 | 2 | - | - | |
| Louisiana----- | - | 2 | 1 | - | - | 2 | 31 | 82 | - | - | - | - | - | |
| Oklahoma----- | - | 1 | - | - | - | - | 17 | 11 | - | - | - | - | - | |
| Texas----- | - | - | 1 | 2 | - | 3 | 100 | 106 | - | 14 | 11 | - | - | |
| MOUNTAIN----- | - | - | 2 | 3 | - | - | 46 | 80 | - | - | - | - | - | |
| Montana----- | - | - | - | - | - | 1 | 2 | 5 | - | - | - | - | - | |
| Idaho----- | - | - | - | - | - | 1 | 7 | 9 | - | - | - | - | - | |
| Wyoming----- | - | - | 1 | - | - | - | 7 | 4 | - | - | - | - | - | |
| Colorado----- | - | - | - | 1 | - | - | 4 | 9 | - | - | - | - | - | |
| New Mexico----- | - | - | - | - | - | - | 19 | 32 | - | - | - | - | - | |
| Arizona----- | - | - | - | 2 | - | - | 6 | 12 | - | - | - | - | - | |
| Utah----- | - | - | 1 | - | - | - | 1 | - | - | - | - | - | - | |
| Nevada----- | - | - | - | - | - | - | - | 9 | - | - | - | - | - | |
| PACIFIC----- | - | 1 | 5 | 9 | - | 1 | 89 | 112 | - | 3 | - | - | - | |
| Alaska----- | - | - | - | - | - | - | 4 | - | - | - | - | - | - | |
| Washington----- | - | - | 1 | - | - | - | 3 | 3 | - | - | - | - | - | |
| Oregon----- | - | 1 | 1 | 1 | - | 1 | 8 | 13 | - | - | - | - | - | |
| California----- | - | - | 3 | ⁵ 8 | - | 3 | 74 | 96 | - | 3 | - | - | - | |
| Hawaii----- | - | - | - | - | - | - | 2 | - | - | - | - | - | - | |
| Puerto Rico----- | - | - | - | - | - | - | 18 | 3 | - | 1 | - | - | - | |

¹Data include report from Florida for week ended December 19 combined with report for current week, and for comparable weeks in 1958. ³Includes 1 case of aseptic meningitis. ⁴Includes 2 cases of aseptic meningitis. ⁵Aseptic meningitis.

Morbidity and Mortality Weekly Report



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 | 51st week ended Dec. 26, 1959 | 50th week ended Dec. 19, 1959 | Adjusted average, 51st week 1954-58 | Percent change, adjusted average to current week ¹ | CUMULATIVE NUMBER FIRST 51 WEEKS | | |
|-------------------------------------|-------------------------------|-------------------------------|-------------------------------------|---|----------------------------------|---------|----------------|
| | | | | | 1959 | 1958 | Percent change |
| TOTAL, REPORTING CITIES----- | ² 9,957 | 11,624 | 11,638 | -14.4 | ² 566,243 | 562,713 | +0.6 |
| New England----- (14 cities) | ² 621 | 777 | 764 | -18.7 | ² 35,797 | 35,658 | +0.4 |
| Middle Atlantic----- (20 cities) | ² 2,978 | 3,233 | 3,385 | -12.0 | ² 162,870 | 162,304 | +0.3 |
| East North Central----- (19 cities) | ² 2,169 | 2,436 | 2,520 | -13.9 | ² 121,234 | 120,091 | +1.0 |
| West North Central----- (9 cities) | ² 700 | 795 | 812 | -13.8 | ² 39,496 | 39,979 | -1.2 |
| South Atlantic----- (11 cities) | 820 | 1,048 | 992 | -17.3 | 48,829 | 48,354 | +1.0 |
| East South Central----- (8 cities) | ² 383 | 567 | 516 | -25.8 | ² 25,965 | 26,102 | -0.5 |
| West South Central----- (13 cities) | 803 | 986 | 959 | -16.3 | 47,897 | 47,740 | +0.3 |
| Mountain----- (8 cities) | ² 283 | 327 | 284 | -0.4 | ² 15,855 | 15,020 | +5.6 |
| Pacific----- (12 cities) | ² 1,200 | 1,455 | 1,400 | -14.3 | ² 68,300 | 67,465 | +1.2 |

¹Adjusted average used as base.

²Includes estimates for missing cities.

Morbidity and Mortality Weekly Report

Table 4. DEATHS IN SELECTED CITIES

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

| AREA | 51st week ended Dec. 26, 1959 | 50th week ended Dec. 19, 1959 | CUMULATIVE NUMBER FIRST 51 WEEKS | | AREA | 51st week ended Dec. 26, 1959 | 50th week ended Dec. 19, 1959 | CUMULATIVE NUMBER FIRST 51 WEEKS | |
|----------------------------|-------------------------------|-------------------------------|----------------------------------|---------|---------------------------------|-------------------------------|-------------------------------|----------------------------------|---------|
| | | | 1959 | 1958 | | | | 1959 | 1958 |
| NEW ENGLAND: | | | | | WEST NORTH CENTRAL—Con.: | | | | |
| Boston, Mass.----- | 255 | 247 | 12,255 | 12,202 | St. Louis, Mo.----- | 199 | 255 | 12,033 | 12,452 |
| Bridgeport, Conn.----- | 28 | 36 | 1,953 | 1,926 | St. Paul, Minn.----- | 60 | 69 | 3,518 | 3,551 |
| Cambridge, Mass.----- | 23 | 34 | 1,460 | 1,461 | Wichita, Kans.----- | 33 | 43 | 2,384 | 2,292 |
| Fall River, Mass.----- | 16 | 23 | 1,417 | 1,391 | SOUTH ATLANTIC: | | | | |
| Hartford, Conn.----- | 34 | 60 | 2,481 | 2,548 | Atlanta, Ga.----- | 105 | 139 | 5,695 | 5,572 |
| Lowell, Mass.----- | 25 | 21 | 1,207 | 1,273 | Baltimore, Md.----- | 236 | 232 | 12,293 | 12,335 |
| Lynn, Mass.----- | 124 | 29 | 2,170 | 1,146 | Charlotte, N. C.----- | 20 | 37 | 1,869 | 1,787 |
| New Bedford, Mass.----- | 123 | 25 | 2,235 | 1,177 | Jacksonville, Fla.----- | 45 | 79 | 2,936 | 3,009 |
| New Haven, Conn.----- | 34 | 53 | 2,276 | 2,337 | Miami, Fla.----- | 41 | 73 | 3,537 | 3,517 |
| Providence, R. I.----- | 51 | 87 | 3,269 | 3,310 | Norfolk, Va.----- | 23 | 47 | 1,980 | 1,780 |
| Somerville, Mass.----- | 7 | 21 | 664 | 727 | Richmond, Va.----- | 64 | 89 | 3,967 | 3,803 |
| Springfield, Mass.----- | 139 | 47 | 2,239 | 2,132 | Savannah, Ga.----- | 24 | 48 | 1,670 | 1,637 |
| Waterbury, Conn.----- | 22 | 30 | 1,403 | 1,320 | St. Petersburg, Fla.----- | (74) | (84) | (3,518) | (3,238) |
| Worcester, Mass.----- | 42 | 64 | 2,768 | 2,708 | Tampa, Fla.----- | 41 | 62 | 3,119 | 3,166 |
| MIDDLE ATLANTIC: | | | | | Washington, D. C.----- | | | | |
| Albany, N. Y.----- | 21 | 49 | 2,514 | 2,542 | 192 | 202 | 9,871 | 9,862 | |
| Allentown, Pa.----- | 27 | 39 | 1,735 | 1,651 | Wilmingon, Del.----- | 29 | 40 | 1,892 | 1,886 |
| Buffalo, N. Y.----- | 140 | 144 | 7,383 | 7,621 | EAST SOUTH CENTRAL: | | | | |
| Camden, N. J.----- | 39 | 45 | 2,086 | 2,108 | Birmingham, Ala.----- | 68 | 115 | 4,236 | 4,392 |
| Elizabeth, N. J.----- | 28 | 22 | 1,505 | 1,468 | Chattanooga, Tenn.----- | 31 | 41 | 2,327 | 2,387 |
| erie, Pa.----- | 30 | 39 | 1,853 | 1,802 | Knoxville, Tenn.----- | 130 | 30 | 2,439 | 1,358 |
| Jersey City, N. J.----- | 76 | 67 | 3,681 | 3,556 | Louisville, Ky.----- | 83 | 108 | 5,695 | 5,526 |
| Newark, N. J.----- | 64 | 88 | 5,043 | 4,837 | Memphis, Tenn.----- | 86 | 124 | 5,734 | 5,813 |
| New York City, N. Y.----- | 1,597 | 1,598 | 83,525 | 82,374 | Mobile, Ala.----- | 36 | 44 | 1,973 | 1,950 |
| Paterson, N. J.----- | 29 | 26 | 1,935 | 2,039 | Montgomery, Ala.----- | 13 | 26 | 1,639 | 1,678 |
| Philadelphia, Pa.----- | 468 | 536 | 24,734 | 25,226 | Nashville, Tenn.----- | 36 | 79 | 2,922 | 2,992 |
| Pittsburgh, Pa.----- | 156 | 207 | 9,348 | 9,517 | WEST SOUTH CENTRAL: | | | | |
| Reading, Pa.----- | 123 | 24 | 2,121 | 1,100 | Austin, Tex.----- | 28 | 37 | 1,641 | 1,614 |
| Rochester, N. Y.----- | 71 | 103 | 4,916 | 5,109 | Baton Rouge, La.----- | 13 | 27 | 1,396 | 1,392 |
| Schenectady, N. Y.----- | 16 | 28 | 1,257 | 1,164 | Corpus Christi, Tex.----- | 19 | 11 | 1,033 | 1,079 |
| Scranton, Pa.----- | 135 | 36 | 2,1854 | 1,779 | Dallas, Tex.----- | 121 | 125 | 6,045 | 5,876 |
| Syracuse, N. Y.----- | 65 | 70 | 3,193 | 3,173 | El Paso, Tex.----- | 17 | 30 | 1,832 | 1,845 |
| Trenton, N. J.----- | 139 | 49 | 2,176 | 2,313 | Fort Worth, Tex.----- | 53 | 63 | 3,220 | 3,100 |
| Utica, N. Y.----- | 127 | 26 | 2,433 | 1,379 | Houston, Tex.----- | 151 | 187 | 7,943 | 7,974 |
| Yonkers, N. Y.----- | 27 | 35 | 1,578 | 1,546 | Little Rock, Ark.----- | 39 | 50 | 2,699 | 2,757 |
| EAST NORTH CENTRAL: | | | | | New Orleans, La.----- | | | | |
| Akron, Ohio----- | 164 | 65 | 2,981 | 2,877 | 149 | 173 | 8,652 | 8,770 | |
| Canton, Ohio----- | 21 | 37 | 1,695 | 1,586 | Oklahoma City, Okla.----- | 57 | 66 | 3,581 | 3,432 |
| Chicago, Ill.----- | 651 | 754 | 38,347 | 38,339 | San Antonio, Tex.----- | 67 | 112 | 4,815 | 4,925 |
| Cincinnati, Ohio----- | 120 | 156 | 7,947 | 8,155 | Shreveport, La.----- | 51 | 49 | 2,537 | 2,469 |
| Cleveland, Ohio----- | 176 | 241 | 10,570 | 10,514 | Tulsa, Okla.----- | 39 | 56 | 2,503 | 2,507 |
| Columbus, Ohio----- | 116 | 113 | 5,982 | 5,840 | MOUNTAIN: | | | | |
| Dayton, Ohio----- | 167 | 72 | 23,489 | 3,624 | Albuquerque, N. Mex.----- | 123 | 38 | 2,512 | 1,411 |
| Detroit, Mich.----- | 370 | 322 | 16,714 | 16,168 | Colorado Springs, Colo.----- | 10 | 16 | 789 | 772 |
| Evansville, Ind.----- | 132 | 46 | 2,1869 | 1,932 | Denver, Colo.----- | 95 | 123 | 5,826 | 5,661 |
| Flint, Mich.----- | 38 | 34 | 2,034 | 1,931 | Ogden, Utah----- | 14 | 13 | 754 | 732 |
| Fort Wayne, Ind.----- | 37 | 59 | 1,877 | 1,786 | Phoenix, Ariz.----- | 69 | 48 | 2,614 | 2,312 |
| Gary, Ind.----- | 20 | 32 | 1,490 | 1,590 | Pueblo, Colo.----- | 12 | 13 | 703 | 671 |
| Grand Rapids, Mich.----- | 144 | 35 | 2,124 | 2,054 | Salt Lake City, Utah----- | 41 | 47 | 2,470 | 2,441 |
| Indianapolis, Ind.----- | 142 | 145 | 6,975 | 6,528 | Tucson, Ariz.----- | 19 | 29 | 1,187 | 1,020 |
| Madison, Wis.----- | --- | (55) | --- | (1,662) | PACIFIC: | | | | |
| Milwaukee, Wis.----- | 95 | 137 | 6,506 | 6,602 | Berkeley, Calif.----- | 23 | 26 | 675 | 949 |
| Peoria, Ill.----- | 26 | 36 | 1,498 | 1,607 | Fresno, Calif.----- | (39) | (40) | (2,027) | (2,059) |
| Rockford, Ill.----- | --- | (18) | --- | (1,325) | Glendale, Calif.----- | (28) | (31) | (1,831) | (1,648) |
| South Bend, Ind.----- | 30 | 29 | 1,404 | 1,356 | Long Beach, Calif.----- | 49 | 59 | 2,762 | 2,788 |
| Toledo, Ohio----- | 80 | 88 | 5,025 | 4,936 | Los Angeles, Calif.----- | 413 | 528 | 24,482 | 24,545 |
| Youngstown, Ohio----- | 40 | 55 | 2,707 | 2,666 | Oakland, Calif.----- | 93 | 94 | 4,637 | 4,764 |
| WEST NORTH CENTRAL: | | | | | Pasadena, Calif.----- | | | | |
| Des Moines, Iowa----- | 49 | 54 | 2,700 | 2,783 | 27 | 23 | 1,603 | 1,759 | |
| Duluth, Minn.----- | 43 | 23 | 1,319 | 1,287 | Portland, Oreg.----- | 90 | 112 | 5,512 | 5,065 |
| Kansas City, Kans.----- | 132 | 35 | 2,1804 | 1,493 | Sacramento, Calif.----- | 65 | 59 | 2,854 | 2,676 |
| Kansas City, Mo.----- | 97 | 127 | 6,100 | 6,167 | San Diego, Calif.----- | 67 | 83 | 4,157 | 4,157 |
| Lincoln, Neb.----- | (28) | (17) | (1,341) | (1,265) | San Francisco, Calif.----- | 197 | 213 | 9,915 | 9,618 |
| Minneapolis, Minn.----- | 133 | 122 | 6,232 | 6,434 | San Jose, Calif.----- | (23) | (39) | (1,308) | (1,169) |
| Omaha, Neb.----- | 54 | 67 | 3,606 | 3,520 | Seattle, Wash.----- | 101 | 144 | 6,945 | 5,840 |
| | | | | | Spokane, Wash.----- | | | | |
| | | | | | 40 | | | | |
| | | | | | 59 | | | | |
| | | | | | 2,509 | | | | |
| | | | | | 35 | | | | |
| | | | | | 55 | | | | |
| | | | | | 2,049 | | | | |
| | | | | | 1,998 | | | | |
| | | | | | (43) | | | | |
| | | | | | (34) | | | | |
| | | | | | (1,949) | | | | |
| | | | | | (1,850) | | | | |

¹Estimated.

²Includes estimate for current week.

Morbidity and Mortality Weekly Report

QUARANTINE MEASURES

Immunization Information for International Travel
Public Health Service Publication No. 384 (1959)

Special Notice

Information was received that international students traveling by military transportation to or through India and Pakistan were detained in Saudi Arabia because they did not have a valid yellow fever vaccination certificate which is required by the former countries.

Persons traveling to or through India, Pakistan, or Ceylon via the West (by way of the Atlantic Ocean) should receive their yellow fever vaccination well in advance of travel in order to meet the requirements of these countries for a valid yellow fever vaccination certificate. The requirement applies to persons traveling by either commercial or military transportation. The validity of the certificate in respect to India, Pakistan, and Ceylon extends for a period of 6 years beginning 12 days after the date of vaccination, or on the date of revaccination if it is performed within the 6-year period.

Prospective travelers should be advised to receive their vaccination at a Designated Yellow Fever Vaccination Center closest to their domicile in the United States. A list of such Centers is given in Section 6 of the booklet Immunization Information for International Travel, which is on sale at the Superintendent of Documents, Government Printing Office, Washington 25, D. C., at 30 cents a copy. (Military personnel generally receive their vaccination at Medical Facilities of the Department of Defense. It would be advisable for them to receive this vaccination at facilities closest to their domicile.) The requirement should be brought to the attention of all agencies in your area who have international students.

If you do not desire to continue receiving this publication, please check here and return.

GPO 877 174

FIRST CLASS MAIL

U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service
Washington 25, D. C.
Official Business

EXPLANATION OF SYMBOLS USED IN TABLES

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

SOURCE AND NATURE OF MORBIDITY DATA

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

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