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 July 25, 1959

For the current week, ended July 25, 1959, 278 cases of poliomyelitis were reported, of which 177 were paralytic. This is a slight increase over the total of 257 cases, 166 paralytic, reported for the previous week. For the week ended July 26. 1958, 132 cases were reported, of which 73 were paralytic; for the comparable week of 1957 there was a total of 265 cases. including 52 paralytic. States reporting 10 or more paralytic cases for the current week are Alabama (20), Texas (15), Missouri (14), Tennessee and California (11 each), and Arkansas and Louisiana (10 each). For Alabama and California these figures are an increase of five cases over figures for the previous week, and for Louisiana this is a sudden increase from three cases last week. Missouri and Texas each reported 20 paralytic cases last week and Tennessee 12. Seven of the cases in California were reported in Los Angeles County. States reporting from 5 to 9 cases are Virginia and North Carolina (8 each), New York and Pennsylvania (7 each), Iowa (6), and

Nebraska, Florida, and Oklahoma (5 each). Pennsylvania has reported 2 paralytic cases prior to this week. Florida and Oregon each reported two deaths due to poliomyelitis.

Additional information from Alabama states that 3 of the total of 24 cases had received 3 doses of vaccine. The lowa Department of Health reported that of 21 cases reported since July 15 six cases, one paralytic, occurred in Des Moines. All of these six cases were in white persons ranging in age from 2 to 52 years. Two persons, one with the paralytic disease, had received three doses of vaccine. The other 15 cases occurred in 12 counties across the State. Six cases were paralytic. Two persons both with paralytic disease had received three or four inoculations, one person with nonparalytic disease had received two doses, and for the others the vaccination status was unknown or no vaccine. Onset of all the cases occurred after June 30, most during the period July 13 to 18.

Continued on page 2

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

| the second second second second second | | 29th WEE | к | | 5.00 | and the second | | | | |
|--|--------------------------------|---------------------|--------------------------|---------|------------|-------------------|---------|------------------|------------------------------------|--------------------------|
| DISEASE | Pulad | The dead | Calernalic A December | Fi | rst 29 wee | ks | Since a | Approxi- mate | | |
| Lists, 1955) | July Jul 25, 26 1959 195 | July 26, 1958 | Median 1954-58 | 1959 | 1958 | Median 1954-58 | 1958-59 | 1957-58 | Median 1953-54 to 1957-58 | seasonal low point |
| Anthrax062 | | 1 | | 10 | 7 | 13 | (1) | (1) | (1) | (1) |
| Botulism049.1 | children a | - | - | 6 | 3 | 4 | (1) | (1) | (1) | (1) |
| Brucellosis (undulant fever) 044 | 16 | 21 | 21 | 437 | 463 | 568 | (1) | (1) | (1) | (1) |
| Diphtheria055 | 8 | 1 | 19 | 427 | 354 | 752 | 39 | 32 | 69 | July 1 |
| Encephalitis, infectious | 52 | 62 | 40 | 902 | 934 | 869 | 322 | 340 | 302 | June 1 |
| and serum092, N998.5 pt. | 307 | 228 | 258 | 13,000 | 8,808 | 12,170 | 18,417 | 13,127 | 20,079 | Sept. 1 |
| Malaria110-117 | 1 | - | 9 | 39 | 34 | 122 | (1) | (1) | (1) | (1) |
| Measles085 | 3,052 | 5,565 | 3,997 | 353,499 | 691,575 | 550,141 | 404,888 | 690,015 | 579,910 | Sept. 1 |
| Meningococcal infections057 | 41 | 44 | 41 | 1,432 | 1,525 | 1,720 | 2,295 | 2,534 | 2,687 | Sept. 1 |
| Meningitis, other340 | ² 112 | 158 | | 1,955 | 1,531 | | | (1) | (¹) | (1) |
| Poliomyelitis080 | 278 | 132 | 654 | 1,740 | 1,009 | 4,458 | 1,472 | 822 | 3,479 | Apr. 1 |
| Paralytic080.0,080.1 | 177 | 73 | 275 | 1,133 | 510 | 2,131 | 946 | 407 | 1,694 | Apr. 1 |
| Nonparalytic080.2 | 73 | 41 | 258 | 413 | 349 | 1,478 | 368 | 290 | 1,216 | Apr. 1 |
| Unspecified080.3 | 28 | 18 | 109 | 194 | 150 | 729 | 158 | 125 | 543 | Apr. 1 |
| Psittacosis096.2 | - | 5 | 5 | 66 | 86 | 173 | (1) | (+) | (1) | (1) |
| Rabies in man094 | - | - | - | 3 | 2 | 3 | (1) | (1) | (1) | (1) |
| Typhoid fever040 | 24 | 26 | 51 | 378 | 486 | 836 | 254 | 320 | 546 | Apr. 1 |
| Typhus fever, endemic101 | 1 | 2 | 2 | 17 | 41 | 66 | ш | 30 | 45 | Apr. 1 |
| Rabies in animals | 90 | 111 | 96 | 2,222 | 2,813 | 3,000 | 3,113 | 3,711 | 4,100 | 0ct. 1 |

(See page 8 for source and nature of data)

¹Data show no pronounced seasonal change in incidence. ²Includes 33 cases of aseptic meningitis; see footnotes to table 2. NOTE. -New Mexico reported 1 case of plague for the current week. The Missouri Division of Health has reported a concentration of poliomyelitis cases in Moberly, Randolph County, Missouri. The first case had onset on June 25, and then eight cases developed during the period July 4 to 10. Four cases were paralytic. Three were in Negro children. All nine cases were in children under 10 years old. Two of the children, both with nonparalytic disease, had received three or more doses of vaccine.

Final figures on poliomyelitis for the United States in 1958 have been tabulated. They are shown below in comparison with final figures for 1957 and provisional figures for 1958 as they appeared in the <u>Morbidity and Mortality Weekly Report</u> for the week ended January 24, 1959.

| | 1958 (prov.) | 1958 (final) | 1957 (final) |
|--------------|-----------------|-----------------|-----------------|
| Total | 6,061 | 5,787 | 5,485 |
| Paralytic | 3,140 | 3,697 | 2,499 |
| Nonparalytic | 2,023 | 1,941 | 2,826 |
| Unspecified | 898 | 149 | 160 |

The final total number of paralytic cases was much larger than the provisional number, but there was some reduction in the final number of nonparalytic cases; this was also true in 1957. It appears that about half the unspecified cases were transferred to paralytic status. The age distribution of the 5,787 cases in 1958 was as follows:

| AGE | Total | Para- lytic | Nonpara- lytic | Unspeci- fied |
|-------------------|-------|----------------|-------------------|------------------|
| TOTAL | 5,787 | 3,697 | 1,941 | 149 |
| Under 1 year | 282 | 239 | 34 | 9 |
| 1 year | 456 | 402 | 41 | 13 |
| 2 years | 483 | 393 | 77 | 13 |
| 3 years | 562 | 440 | 112 | 10 |
| 4 years | 355 | 233 | 111 | 11 |
| 5 years | 281 | 185 | 91 | 5 |
| 6 years | 279 | 157 | 118 | 4 |
| 7 years | 282 | 143 | 122 | 17 |
| 8 years | 163 | 85 | 77 | 1 |
| 9 years | 153 | 64 | 87 | 2 |
| 10-14 years | 542 | 233 | 298 | 1 11 |
| 15-19 years | 397 | 209 | 176 | 12 |
| 20-24 years | 384 | 198 | 172 | 14 |
| 25-34 years | 575 | 333 | 228 | 14 |
| 35-44 years | 204 | 130 | 72 | 2 |
| 45 years and over | 75 | 44 | 22 | 9 |
| Not stated | 314 | 209 | 103 | 2 |

EPIDEMIOLOGICAL REPORTS

Bubonic plague

Dr. Stanley J. Leland, New Mexico Director of Public Health, reported a fatal case of plague in a 12-year-old white girl in Sandia Park, about 25 miles from Albuquerque. Date of onset was July 7 and date of death July 13. The final diagnosis was confirmed by the Public Health Service plague laboratory in San Francisco. The most probable source of infection was wild cottontail rabbits.

Influenza

The World Health Organization, Geneva, states that the influenza epidemic in the Cape Town area, Union of South Africa, is now decreasing. The incidence of cases was about 6 percent. No deaths have been reported. Careful questioning has revealed that no person who was ill in the present epidemic suffered the disease in 1957. There has been no outbreak at Johannesburg. In Costa Rica an epidemic of influenza which began in mid-May is increasing; one-third of the population has been affected.

Q fever

Dr. Malcolm H. Merrill, California Director of Public Health, reported an outbreak of Q fever in the Oakland area. To date there have been 23 proven cases with dates of onset from April 30 through June 17. The majority of cases have occurred in males 40 years of age and older. There is no occupational pattern to the outbreak. The source of infection is unknown but appears to be associated with either residence or employment factors. Investigation is underway, including inquiry into the composition of animal fertilizer used on a landscaping project.

Staphylococcal food poisoning

Dr. Josef Preizler, Wisconsin State Board of Health, supplied information on two outbreaks of staphylococcal food poisoning. The vehicle of infection in one was contaminated raw milk and in the other contaminated ham. In the first outbreak, a mother and her two preschool children became ill with vomiting, abdominal cramps, and prostration from 2 to 2½ hours after consuming an evening meal of fried steak, mashed potatoes, and fruit salad. The father had no symptoms. The mother and children drank milk, the father coffee only. The raw milk was delivered fresh in the morning from a farm about 15 miles away. It was allowed to stand on the doorstep for about an hour before it was taken into the house. Hemolytic coagulase-positive Staphylococcus aureus, phage type 80, and coliform organisms were cultured from samples of the milk. Hemolytic, coagulase-positive Staph. aureus, phage type 42-D, alpha streptococci, enterococci, and coliform organisms were found in the fruit salad, which was made from fresh fruit and cream skimmed from the milk and whipped. The laboratory report stated there was "a greater humber of leukocytes than usually seen" in the smear made from the milk. The herd from which the milk came consisted of 28 cows. There was a history of mastitis, treated with penicillin by a veterinary, in one of the cows a year ago. A sample of milk from this cow contained nonhemolytic streptococci and coagulase-positive Staph. aureus, phage not typable. Samples from the other 27 cows gave the following findings: 20 samples had coagulasepositive Staph, aureus. Seventeen of these specimens were not typable; the other 3 yielded type 29/81/42D/6/7/42E/47/53/ 54/78/83, type 52A/79/80, and type 29/42, only one in each specimen. Five specimens contained coagulase-negative staphylococci, phage not typable, and only two specimens were free of staphylococci.

In the second outbreak, 53 of 199 persons eating a church supper became ill with nausea, vomiting, abdominal cramps, and severe prostration. Twenty-one persons were hospitalized. The incubation period ranged from 2 to 4 hours. All persons who became ill ate ham; the attack rate was below 70 percent for all other foods. Coaguese-positive staphylococci, phage type 80, were recovered from specimens of ham and turkey. The salad and corn were negative for staphylococci. There was no grouping of cases according to the time the food was eaten. The ham was baked for 5% hours on Saturday morning, left unrefrigerated overnight, sliced Sunday morning, and served from 12:30 to 4:30 p.m. The turkeys were purchased frozen

Continued on page 8

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED JULY 26, 1958, AND JULY 25, 1959

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

| | BRUCEL (undu fev | LOSIS lant er) | | DIPHTHE | RIA 055 | | ENCEPH INFEC | ALITIS, TIOUS | HEPATITIS, INFECTIOUS, AND SERUM 092,N998.5 pt. | | | |
|-----------------------|------------------------|----------------------|----------|---------|------------------|------------------|-----------------|------------------|--|---------------------------------------|---------------------|--------------|
| AREA | 04 | 4 | 29th | week | Cumul first 2 | ative 9 weeks | 08 | 2 | 29th | week | Cumulat first 29 | ive weeks |
| | 1959 | 1958 | 1959 | 1958 | 1959 | 1958 | 1959 | 1958 | 1959 | 1958 | 1959 | 1958 |
| CONT. UNITED STATES | 16 | 21 | 8 | 1 | 427 | 354 | 52 | 62 | 307 | 228 | 13,000 | 8,808 |
| NEW ENGLAND | | | | | 5 | 5 | 1 | | 10 | | 400 | |
| Maine | - | | 1 | | - | - | - | | - | - | 73 | 46 |
| New Hampshire | | | | | | | | 2.015 | - | | ц | 1 |
| Massachusetts | | 1 | 100 | | 5 | 4 | 1 | 1 | - 3 | 1 3 | 178 | 12 |
| Rhode Island | | | | | - | | 11-12-1 | - | 1 | 1 | 41 | 42 |
| Connecticut | . I T. | M | | 1.3 - | | 1 | | - 10 - T | 6 | 3 | 85 | 65 |
| MIDDLE ATLANTIC | - | - 10 C | 2 | | 40 | 30 | ш | 5 | 68 | 32 | 1,934 | 1,098 |
| New Jork | | | | | 20 | 15 | 10 | 5 | 42 | 25 | 1,171 | 748 |
| Pennsylvania | | 14 | 2 | | i ii | 14 | 1 | | 19 | 1 | 225 | 87 |
| EAST NORTH CENTRAL | 1 | 9 | 1 | 2 | 20 | 29 | 7 | | | | 0.00 | 203 |
| Ohio | 1 | - | _ | | 7 | 6 | 2 | 3 | 41 | 28 | 2,146 | 1,584 |
| Indiana | | 2 | - | - | 2 | 12 | 2 | 2 | 3 | - | 206 | 151 |
| Illinois | 1 | 6 | | - | 8 | 4 | 2 | 2 | 13 | 3 | 442 | 397 |
| Wisconsin | | 1 | | | 1 2 | 5 | - | 1 | 10 | 8 | 744 | 435 |
| | 10 | | 1 | | - | | | - | 2 | 0 | ΤΤΆ | 87 |
| Minnesota | - 10 | 1 | 1. J. 1. | | 36 | 66 | 4 | | 6 | 19 | 1,032 | 781 |
| Iowa | 7 | ĩ | - | | 3 | 13 | | 1 | 1 | · · · · · · · · · · · · · · · · · · · | 245 | 142 |
| Missouri | | - | - | - | 3 | 12 | | - | 2 | 4 | 292 | 152 |
| North Dakota | 1 | 3 | - | - | 2 | 3 | - | - | 2 | 1 | 215 | 120 |
| Nebraska | 2 | 3 | | | 3 | 4 | - | - | - | - | 10 | 9 |
| Kenses | | - | - | - | - | - | 4 | 1 | | 4 | 124 | 207 |
| SOUTH ATLANTIC | 1 | | 4 | - | 103 | 93 | 2 | 5 | 36 | 18 | 1,179 | 643 |
| Delaware | | - | - | | | - | | | 7 | - | - 77 | 33 |
| Maryland | 6 D | | 4 | - | 7 | 3 | | 1 | 2 | 3 | 279 | 72 |
| Virginia | | Sec. 24-1 | | 1 2 | 7 | 14 | 1 | 1 | 12 | 1 | 249 | 10 |
| West Virginia | - 1 | | - | | 1 | 9 | - | | 5 | - | 215 | 96 |
| North Carolina | • | | | | 8 | 13 | N 2 5 | | 1 | 1 | 65 | 32 |
| Georgia | ī | | | | 34 | 11 | | 1 | 6 | - | 23 | 36 |
| Florida | - | - | | | 39 | 20 | - | - | 3 | 3 | 95 | 138 |
| EAST SOUTH CENTRAL | 3 | 1 | | 1 | 47 | 30 | | | | | 100 | |
| Kentucky | - | ĩ | | 1 | 5 | 30 | * | 4 | 17 | 22 | 1,1// | 777 |
| Tennessee | ÷ | - 14 - | - | - | 5 | 4 | | | 5 | 4 | 264 | 201 |
| Alabama | - 7 | - | - | - | 9 | 15 | 2 | 1 | 8 | 3 | 259 | 158 |
| | 1 I I I | | | · 1 | 28 | 8 | 2 | 1 | 1 | 4 | 95 | 47 |
| WEST SOUTH CENTRAL | - 19 - | 3 | 1 | 1 2 | 157 | 74 | 7 | 11 | 19 | 14 | 1,001 | 708 |
| Louisiana | 1 2 | - | | | 40 | 12 | 2 | 5 | 1 | - | 49 | 76 |
| Oklahoma | - 1 | 1 | 21.54 | | 2 | 19 | | 6 | 1 | 3 | 9⊈ 137 | 108 |
| Texas | | 1.5 - | 1 | | 81 | 37 | 5 | | 18 | 11 | 721 | 518 |
| MOUNTAIN | 1 | - | 1 | - 1 T | 13 | 23 | 8 | 1000 | 34 | 33 | 1.826 | 1.204 |
| Montana | - | - | | - | - | 7 | - | | 4 | 5 | 179 | 235 |
| Woming | | | 2 I T | | | 1 | | | - | - | 193 | 93 |
| Colorado | 1.1.2 | - E | rie de | 12.5 | - | 2 5 | - | | 13 | - | 45 | 3 |
| New Mexico | | 11 A. | 1 | 45-2 | 7 | 7 | - S. 1 | | 2 | 5 | 362 | 234 |
| Arizona | 1 | - | | 14 m | 1 | 1 | - 1 | S | 10 | 13 | 358 | 286 |
| Nevada | 1 | | 1 m 74 | 1.5 | - | 1.1 | 8 | 1.5 | 4 | 1 | 112 | 120 |
| Digme | | 1.5 | 12 | 1.11 | 1 | 1111 | | | 1 | - | 18 | 96 |
| Alaska | 1.5 | 1 | | | 6 | 5 | 8 | 30 | 62 | 54 | 2,296 | 1,700 |
| Washington | - | | | | 1 | 114 | | 1 | 1 | 6 | 17 | (66 |
| Oregon- | - | - | | | 1 | 1 | - | S. 1-1 | 23 | 7 | 469 | 232 |
| California | | - | - | - | 4 | 4 | 8 | 30 | 35 | 41 | 1,494 | 1,188 |
| Havaii Puerto Rico | 1912 | - | ī | | 2 18 | - 25 | | 14 | 2 7 | 4 10 | 30 171 | 42 92 |

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 JULY 26, 1958, AND JULY 25, 1959—Continued

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

| | POLICMYELITIS 080 | | | | | | | | | | | |
|---------------------|-------------------|------|--------------------|------------------|--------|----------|------------------|------------------|--------|--------|-------|-------|
| And Colored America | | T | otal ¹ | 1.55 | Par | alytic C | 080.0,080 | .1 | Nonpar | alytic | MEAS | IES |
| AREA | 29th | veek | Cumula first 29 | ative 9 weeks | 29th | week | Cumul first 2 | ative 9 weeks | 080 | .2 | 08 | 5 |
| | 1959 | 1958 | 1959 | 1958 | 1959 | 1958 | 1959 | 1958 | 1959 | 1958 | 1959 | 1958 |
| CONT. UNITED STATES | 278 | 132 | 1,740 | 1,009 | 177 | 73 | 1,133 | 510 | 73 | 41 | 3,052 | 5,565 |
| NEW ENGLAND | 4 | 1 | 17 | 16 | 3 | 1 | 14 | 12 | | - L | 208 | 449 |
| Maine | - 12 | | | 2 | E 15. | 1 1 | | 2 | | | 41 | 76 |
| Vermont | 1.2 | 1 | 1 | 1 | 1 | E | 1 | 1.51 | 15 0.2 | | 31 | 5 |
| Massachusetts | 3 | - | 8 | 4 | 2 | - | 6 | 2 | | | 96 | 202 |
| Rhode Island | 5 | 1 | 2 | 1 | | 1 | 2 | 1 | - U-, | - | | 25 |
| Connecticut | 1 | - | 6 | 8 | 1 1 | | 5 | 1 | | | 39 | 135 |
| MIDDLE ATLANTIC | 18 | 20 | 87 | 64 | 16 | 13 | 54 | 36 | 2 | 4 | 605 | 1,290 |
| New Jork | 2 | 10 | 15 | 24 | 2 | 5 | 37 | 13 | | 2 | 148 | 270 |
| Pennsylvania | 9 | 4 | 12 | 5 | 7 | 4 | 9 | 4 | 2 | | 65 | 348 |
| FAST NORTH CENTRAL | 28 | 22 | 153 | 92 | 11 | 11 | 71 | 36 | Q | 4 | 648 | 1.205 |
| Ohio | 9 | 8 | 59 | 19 | 4 | 2 | 23 | 3 | 2 | - | 75 | 305 |
| Indiana | 7 | 6 | 21 | 10 | 4 | 3 | 15 | 6 | 1 I.A. | 3 | 15 | 71 |
| Illinois | 6 | 3 | 21 | 21 | 2 | 1 | 10 | 6 | 3 | 1 | 183 | 208 |
| Michigan | 5 | 4 | 46 | 32 | 1 | 4 | 19 | 15 | 4 | 1.0 | 111 | 126 |
| Wisconsin | - | 1 | ь | 10 | 1.1 | 1 | 4 | ь | 1.5 | - | 264 | 585 |
| WEST NORTH CENTRAL | 59 | 2 | 373 | 42 | 30 | | 198 | 12 | 18 | 1 | 89 | 324 |
| Minnesota | 20 | | 146 | с 9 | 5 | | 15 | | 10 | | 10 | 234 |
| Missouri | 18 | | 114 | 5 | 14 | 1.1.2 | 71 | 3 | 3 | | 2 | 48 |
| North Dakota | - 1 - I | - | 1 | 2 | - 1 | | | 1 | | | 42 | 31 |
| South Dakota | 5 m - 1 | | 3 | 5 | - | - 1 | | 1 | _ | - | 11 | |
| Nebraska | 8 | 1 | 48 | 10 | 5 | | 31 | 2 | 3 | 1 | (*) - | |
| Kansas | 0 | - | 41 | 8 | ے ا | | 10 | - | 16. | | (*) | (*) |
| SOUTH ATLANTIC | 35 | 28 | 264 | 245 | 26 | 15 | 198 | 109 | 7 | 10 | 211 | 454 |
| Delaware | 1 | 1 | 4 | 3 | 1 | 1 | 4 | 2 | - | 1 | 4 | 2 |
| Maryland | | ī | = = [| 5 | | 1 7 | | | - | | 25 | 90 |
| Virginia | 9 | 8 | 40 | 26 | 8 | 4 | 33 | 19 | 1 | 4 | 92 | 175 |
| West Virginia | 3 | 6 | 28 | 27 | 3 | 4 | 20 | 18 | | 2 | 34 | 15 |
| North Carolina | ш | 4 | 43 | 30 | 8 | 2 | 37 | 10 | 3 | 2 | 5 | 14 |
| South Carolina | 2 | 4 | 17 | 10 | |] 1 | 9 | 6 | 2 | 2 | 19 | 27 |
| Georgia | 8 | 3 | 103 | 18 | 1 5 | 1 | 24 | 37 | ī | 1 | 30 | 47 |
| EAST SOUTH CENTRAL | 39 | 4 | 182 | 82 | 32 | | 140 | 30 | 6 | 2 | 147 | 319 |
| Kentucky | - | - | 13 | 21 | - 1 | - | 11 | 14 | - | · · · | 40 | 82 |
| Tennessee | 13 | - | 55 | 21 | 11 | 1.2 | 46 | 9 | 1 | | 75 | 217 |
| Alabama | 24 | 3 | 10 | 33 | 20 | 1 | 22 | 5 | 4 | 2 | 32 | 10 |
| Mississippi | | | 107 | 000 | - | | | | - | | - | |
| WEST SOUTH CENTRAL | 13 | 51 | 423 | 258 | 40 | 20 | 286 | 151 | 25 | 11 | 325 | 442 |
| Louisiane | 13 | 5 | 60 | 26 | 10 | 3 | 45 | 19 | 3 | 2 | 1 | 4 |
| Oklahoma | 8 | 4 | 52 | 24 | 5 | i | 27 | 8 | i | 3 | 7 | 33 |
| Texas | 34 | 28 | 231 | 199 | 15 | 16 | 144 | 117 | 19 | 12 | 316 | 394 |
| MOUNTAIN | 7 | 7 | 71 | 73 | 3 | 4 | 40 | 41 | 3 | .1 | 324 | 516 |
| Montana | 1 | 4 | 3 | 27 | - | 3 | I | 22 | 1 | - | 18 | 142 |
| Idaho | 1 | 1 | 5 | 3 | - | - | 1 . | - | - | - | 20 | 21 |
| Wyoming | | | 6 | 8 | | 5.5 | 5 | | - E | | 71 | 162 |
| Nev Merico | 1 | _ | 18 | 16 | 1 | | 8 | 6 | | | 32 | 39 |
| Arizona | 3 | | 33 | 10 | 1 | - | 25 | 3 | 2 | - I | 78 | 97 |
| Utah | - | 2 | 2 | 5 | - | 1 | - | 2 | | 1 | 100 | 51 |
| Nevada | 1 | 20.0 | 2 | 2 | 1 | - | 1 | | - | 1.4 | 1 | 3 |
| PACIFIC | 20 | 11 | 170 | 137 | 16 | 9 | 132 | 83 | 3 | 2 | 495 | 476 |
| Alaska | 1 | - | 1 | (1) | 1 | | 1 | (1) | 1.25 | 300-3 | 40 | (29 |
| Washington | 1 | 2 | 14 | 10 | - | 2 | 20 | 3 | 1 | | 103 | 39 |
| California | 13 | 9 | 130 | 115 | u u | 7 | 111 | 71 | 2 | 2 | 316 | 360 |
| Hevall | 1. A. A. | 3 | | 41 | - | 2 | | 41 | - | 100 | 27 | - |
| Pierto Rico | | 1 | 3 | 43 | | l i | 3 | 40 | | | 20 | 55 |

¹Includes 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 JULY 26, 1958, AND JULY 25, 1959-Continued

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

| 18.5 | MALARIA | MENING | OCOCCAL CTIONS | MENIN- GITIS, OTHER | PSITTA- COSIS | Ŧ | YPHOID F | EVER 040 | | TYPHUS FEVER, ENDEMIC | RABIES | RABIES IN | |
|----------------------|---------------|--------|-------------------|---|------------------|-------|----------------|------------------|------------------|-----------------------------|--------|-----------|--|
| AREA | 110-117 | 0 | 57 | 340 | 096.2 | 29th | veek | Cumul first 2 | ative 9 weeks | 101 | ANIM | ALS | |
| and the state of the | 1959 | 1959 | 1958 | 1959 | 1959 | 1959 | 1958 | 1959 | 1958 | 1959 | 1959 | 1958 | |
| CONT. UNITED STATES | L | 41 | 44 | 112 | _ | 24 | 26 | 378 | 486 | 1 | 90 | | |
| NEW ENGLAND | - | 2 | 2 | 7 | 1 | - | | 9 | 9 | | | | |
| Maine | - | - | 1 | 1 | | - | - | 1 | 1 | | - | - | |
| Vermont | | | 1.1.1 | | | | | | 1 | = | 1.5 | - | |
| Massachusetts | - | - | 1 | 5 | - | - | | 2 | 5 | | | 1 2 | |
| Rhode Island | 1 may 1 may 1 | 1 | - | 1 | - | | - | 1 | - | - | - | - | |
| | | 1 | 11 J | | - | | - | 5 | 2 | | | | |
| New York- | | 6 | 2 | 1 | - 1 | 1 | 4 | 34 | 56 | | 15 | 18 | |
| New Jersey | - 1 | 2 | 1 | 2 ₁ | | - | - | 13 | 10 | - | 15 | 18 | |
| Pennsylvania | - 1 | 1 | | | - | 1 | 1 | 14 | 29 | | 2 | - | |
| EAST NORTH CENTRAL | - | 7 | 14 | 6 | - | 5 | 2 | 48 | 39 | - | 13 | 18 | |
| Unio | - | | 3 | | - | 2 | | 23 | 14 | 100 - | 6 | 6 | |
| Illinois | | - 3 | | 2 3 | | - 3 | 2 | 6 | 6 | - | 2 | 5 | |
| Michigan | - | 4 | i | - | | - | - | 7 | 6 | | 2 | | |
| Wisconsin | - | - | 2 | ² 1 | 1 | | | 1 | 5 | - | 2 | 7 | |
| WEST NORTH CENTRAL | 1 | 13 | 6 | 5 | 1.1.1 | 2 | 2 | 22 | 43 | -0 | 28 | 19 | |
| Minnesota | | | | 1 | - | | - | | - 3 | - | 12 | 15 | |
| Missouri | 1 3 1 1 | | - | -3 | 1 1 2 | - | | | 7 | 2 4 | 9 | 2 | |
| North Dakota | 1 1 | 1 | 4 | | | - | | 2 | 1 | 1.1 | 4 | 2 | |
| South Dakota | 1 | C7112- | eniX- | 172,10- | 25-1 | 1 | 1.1 | 3 | 5 | - | | 2 | |
| Nebraska | = | 12 | - | 5 | - | - | - | 1 | 1 | - | 1 | - | |
| | 1 60 | 17500 | 4 | 1 | - | | 1.1.5 | 4 | 6 | - | - | - | |
| SOUTH ATLANTIC | 1.10 | 5 | 8 | 14 | - | 3 | 3 | 67 | 85 | - | 9 | 23 | |
| Maryland | | | 1 | 2 | | 1 1 | | 1 | 3 | - | - | - | |
| District of Columbia | | - | | 2 | - | | 1.1 | 2 | 6 | - | - | 1 | |
| Virginia | - | 3 | 3 | 5 | - | - | 1 | 14 | 13 | - | 5 | 4 | |
| North Carolina | | i i | 1 | | | 5 | 1 | 4 | 11 | - | 1 | 1 | |
| South Carolina | | 1 | | - | | 1 | - | 5 | 11 | | | 13 | |
| Georgia | Sec | | 3 | - | 1000 | 2 | 1 | 16 | 18 | 1 2 | 2 | 4 | |
| Florida | - | 1 | 1 | s ₅ | - | | | 19 | 13 | - | 1.5 | - | |
| EAST SOUTH CENTRAL | - | 1 | 3 | 27 | - | 3 | 3 | 51 | 57 | - | 12 | 14 | |
| Rentucky | - | 1 | 1 | 1 | - | 1.1.1 | 2 | 7 | 15 | - | 2 | 7 | |
| Alabama | | 1.2 | 1 | 4 | | 3 | | 26 | 14 | | 3 | - 2241 | |
| Mississippi | | | 1 | 22 | | 15.5 | 1 | 1 11 | 16 | 1.00 | 1 | 7 | |
| WEST SOUTH CENTRAL | | 1 | 1 | 25 | | 6 | 8 | 61 | 122 | 11.2 | | | |
| Arkansas | - | - | - | - | - | 1 | 5 | 17 | 15 | | 11 | 11 | |
| Louisiana | - | - | 1 | - | | - | 2 | 10 | 52 | | 2 | 1 | |
| | 100 | | | 2 | | 1 | | 12 | 6 | - | - | | |
| MOTION AND | | | | 6 | 100 | 4 | - ¹ | 42 | 49 | - | 5 | 10 | |
| Montana | | 2 | 2 | 4 | 25 | 2 | 4 | 18 | - 38 | - | - | 2 | |
| Idaho | - | | - | _ | 1 | | | | 5 | 1.1.1 | - | - | |
| Wyoming | - 1 | - | - | ² 1 | 100 M | 1 | - | 2 | i | | 1 | 1 2 | |
| Volorado | | - | 1 | 2 | - II. | - | 1 | 2 | 4 | - | - | - | |
| Arizona | | | ī | | | 1 | | 6 | 13 | - | 5 | 1 | |
| Utah | | 2 | 1 | | 1 | 1 | 1 | 4 | 6 | - | - | 1 | |
| Nevada | | - v= | - | - | - | - | 2 | - | 7 | - | 4 | | |
| PACIFIC | - | 4 | 5 | 23 | | 2 | 1.1 | 48 | 37 | 1 | 2 | e | |
| Alaska | - | | | - | | | - | 1 | - | - | - | 0 | |
| Washington | | - | 1 | - | - | - | - | 1 | 1.15 | - | - | - | |
| California | 1 | 1 3 | - | 223 | | | | 2 | 7 | | - | 1111110 | |
| Haveit | | | - | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | | | | 44 | | 1 | 2 | 6 | |
| Puerto Rico | | | | | | | | 17 | - | - | - | | |
| | | | | | | | | لمد | 1 14 | - | | | |

²Aseptic meningitis. ³Includes 4 cases of aseptic meningitis.





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 | 29th week ended | 28th week ended | Adjusted average, 29th | Percent change, adjusted average | CUMULATIVE NUMBER FIRST 29 WEEKS | | | |
|---|--|--|--|--|---|---|--|--|
| | 25, 1959 | 18, 1959 | week 1954-58 | to current week ¹ | 1959 | 1958 | Percent change | |
| TOTAL, REPORTING CITIES | ² 10,422 | 10,438 | 10,260 | +1.6 | ² 330,962 | 332,296 | -0.4 | |
| New England (14. citles) Middle Atlantic (20 citles) East North Central (19 citles) South Atlantic (9 citles) South Atlantic (11 citles) West South Central (6 citles) West South Central (13 citles) West South Central (8 citles) Mountain (8 citles) Mountain (8 citles) | 644 2,839 2,282 ² 691 848 ² 501 969 308 | 653 2,914 2,162 691 859 538 944 296 | 632 2,945 2,203 758 873 478 865 250 | +1.9 -3.6 +3.6 -8.8 -2.9 +4.8 +12.0 +23.2 | 20,947 96,333 70,415 ² 22,961 28,494 ² 14,968 27,575 9,330 | 21,056 96,518 70,735 23,388 29,065 15,613 28,015 8,760 | -0.5 -0.2 -0.5 -1.6 -2.0 -4.5 -1.6 +6.5 | |

Adjusted average used as base.

²Includes estimates for missing cities.

Morbidity and Mortality Weekly Report

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

| AREA Tul | | th 28th ek week CUMULATIVE NUMBER ded ended FIRST 29 WEEKS | | NUMBER WEEKS | AREA | 29th week ended | 28th week ended | CUMULATIVE NUMBER FIRST 29 WEEKS | | |
|---------------------|-----------------|--|--------------------|-----------------|------------------------|-----------------------|-----------------------|-------------------------------------|---------|--|
| | 25, 1959 | 18, 1959 | 1959 | 1958 | | 25, 1959 | 18, 1959 | 1959 | 1958 | |
| | | | | | | | _ | | | |
| Boston, Mass | 208 | 240 | 7,137 | 7,256 | St. Louis, Mo | 193 | 174 | 6,983 | 7,259 | |
| Bridgeport, Conn | 44 | 39 | 1,217 | 1,126 | St. Paul, Minn | 60 | 64 | 1,924 | 2,205 | |
| Cambridge, Mass | 26 | 25 | 823 | 867 | Wichita, Kans | 44 | 50 | 1,405 | 1,329 | |
| Fall River, Mass | 34 | 27 | 852 | 824 | SOUTH ATLANTIC: | 20 | | | | |
| Lowell Macs | 21 | 12 | 685 | 798 | Atlanta, Ga | 104 | 90 | 3,253 | 3,252 | |
| Lowering Mass. | 21 | 20 | 684 | 662 | Baltimore, Md | 226 | 237 | 7,216 | 7,411 | |
| New Bedford, Mass | 26 | 16 | 690 | 701 | Charlotte, N. C | 53 | 46 | 1,089 | 1,048 | |
| New Haven, Conn | 49 | 49 | 1,331 | 1,363 | Miami, Ela | 40 | 41 | 2 103 | 2 191 | |
| Providence, R. I | 43 | 50 | 1,920 | 1,886 | Norfolk, Va. | 24 | 27 | 1,163 | 1.043 | |
| Somerville, Mass | 12 | 6 | 382 | 422 | Richmond, Va | 59 | - 66 | 2,300 | 2,271 | |
| Springileid, Mass. | 44 | 22 | 1,363 | 1,238 | Savannah, Ga | 35 | 39 | 961 | 984 | |
| Worcester, Mass. | 49 | 59 | 1.641 | 1.593 | St. Petersburg, Fla | (57) | (53) |) (1,922) | (2,002) | |
| Horocourty Theor | | 05 | 1,011 | 1,000 | Tampa, Fla. | 56 | 61 | 1,880 | 2,075 | |
| MIDDLE ATLANTIC: | | | | | Wilmington, Del. | 180 | 151 | 5,718 | 5,860 | |
| Albany, N. Y | 44 | 41 | 1,625 | 1,460 | withing boily beri | 34 | 21 | 1,123 | 1,112 | |
| Allentown, Pa | 26 | 35 | 1,043 | 989 | EAST SOUTH CENTRAL: | 70 | 03 | 2 406 | 2 653 | |
| Buffalo, N. Y | 140 | 128 | 4,302 | 4,496 | Birmingham, Ala | 53 | 40 | 1,353 | 1,449 | |
| Elizabeth N T | 23 | 29 | 1,203 | 885 | Knoxville, Tenn. | 131 | 37 | 2815 | 808 | |
| Erie, Pa | 37 | 40 | 1.113 | 1.031 | Louisville, Ky | 90 | 153 | 3,305 | 3,286 | |
| Jersey City, N. J | 54 | 71 | 2,212 | 2,133 | Memphis, Tenn | 128 | 103 | 3,283 | 3,459 | |
| Newark, N. J | 92 | 97 | 2,974 | 2,873 | Mobile, Ala | 35 | 30 | 1,155 | 1,193 | |
| New York City, N. Y | 1,439 | 1,406 | 49,266 | 48,770 | Montgomery, Ala. | 38 | 22 | 962 | 995 | |
| Paterson, N. J | 38 | 30 | 1,132 | 1,259 | Nashville, Tenn | 41 | 60 | 1,009 | 1,770 | |
| Philadelphia, Pa | 433 | 348 | 14,743 | 5 904 | WEST SOUTH CENTRAL: | 6-94. | 14. 7. 1 | 1. 1. 1. 1. 1. | | |
| Reading, Pa | 15 | 25 | 669 | 625 | Austin, Tex | 32 | 41 | 937 | 976 | |
| Rochester, N. Y | 83 | 85 | 2,843 | 3,013 | Baton Rouge, La | 42 | 25 | 803 | 828 | |
| Schenectady, N. Y | 31 | 14 | 721 | 674 | Corpus Christi, Tex | 129 | 116 | 3 457 | 2 200 | |
| Scranton, Pa | 23 | 27 | 1,130 | 1,058 | El Paso. Tex. | 38 | 41 | 1 071 | 1,065 | |
| Syracuse, N. Y | 45 | 57 | 1,852 | 1,826 | Fort Worth, Tex. | 70 | 72 | 1.873 | 1.822 | |
| Trenton, N. J• | 30 | 36 | 1,296 | 1,447 | Houston, Tex | 153 | 148 | 4,549 | 4,677 | |
| Vorkers N V | 20 34 | 28 | 941 | 909 | Little Rock, Ark | 50 | 60 | 1,608 | 1,597 | |
| TORRETS, N. I | | 20 | | 505 | New Orleans, La | 195 | 169 | 4,912 | 5,234 | |
| EAST NORTH CENTRAL: | 0 | - C | | | Oklahoma City, Okla | 75 | 59 | 2,008 | 2,022 | |
| Akron, Ohio | 57 | 52 | 1,754 | 1,714 | San Antonio, Tex | 52 | 97 | 2,818 | 2,854 | |
| Canton, Ohio | 28 | 25 | 987 | 914 | Tulsa, Okla | 29 | 52 | 1,440 | 1,485 | |
| Chicago, Ill | 745 | 653 | 22,289 | 22,603 | Turbe) units | | 0. | | 1,400 | |
| Cincinnati, Ohio | 157 | 175 | 4,698 | 4,839 | MOUNTAIN: | 70 | | 000 | 040 | |
| Columbus, Obio | 113 | 112 | 3 393 | 3 314 | Colorado Springs, Colo | 20 | 22 | 902 | 436 | |
| Davton, Ohio | 71 | 66 | 1,984 | 2,151 | Denver, Colo, | 115 | 1 116 | 3.439 | 3.332 | |
| Detroit, Mich | 287 | 287 | 9,656 | 9,473 | Ogden, Utah | 16 | 12 | 460 | 419 | |
| Evansville, Ind | 41 | 36 | 1,113 | 1,170 | Phoenix, Ariz | 51 | 49 | 1,524 | 1,328 | |
| Flint, Mich | 37 | 32 | 1,193 | 1,124 | Pueblo, Colo | 14 | 13 | 401 | 371 | |
| Fort Wayne, Ind | 31 | 34 | 1,055 | 1,047 | Salt Lake City, Utah | 41 | 44 | 1,457 | 1,400 | |
| Gary, Ind. | 29 | 35 | 907 | 968 | Tucson, Ariz | 19 | 1 16 | 698 | 626 | |
| Indianapolia, Ind | 144 | 127 | 1,240 | 3 733 | PACIFIC: | 1000 | - Teres | A. 197 - 1 | 5.00 | |
| Madison, Wis | (29) | (23 | (858) | (939) | Berkeley, Calif | 17 | 15 | 507 | 565 | |
| Milwaukee, Wis | 109 | 131 | 3,771 | 3,987 | Fresno, Calif. | (36 | (26 | (1,1/2) | (1,112) | |
| Peoria, Ill | 29 | 19 | 850 | 960 | Long Beach Calif | 47 | 56 | 1 614 | 1 618 | |
| Rockford, Ill | (34) | (30 |) (827) | (776) | Los Angeles, Calif. | 491 | 516 | 14.312 | 14.336 | |
| South Bend, Ind | 29 | 22 | 783 | 794 | Oakland, Calif | 84 | 98 | 2,724 | 2,727 | |
| Yourgeton Obto | 98 | 102 | 2,933 | 2,937 | Pasadena, Calif | 35 | 32 | 945 | 1,031 | |
| loungstown, unio | 60 | 40 | 1,578 | 1,570 | Portland, Oreg | 112 | 104 | 3,348 | 2,955 | |
| WEST NORTH CENTRAL. | | 1.1 | | | Sacramento, Calif | 56 | 60 | 1,615 | 1,518 | |
| Des Moines, Iowa | 51 | 46 | 1,562 | 1,635 | San Diego, Calif | 169 | 1 10 | 2,390 | 2,448 | |
| Duluth, Minn | 21 | 28 | -780 | 748 | San Jose Calif | 102 | 1 (29 | 2) (743) | 3,556 | |
| Kansas City, Kans | ¹ 36 | 30 | ² 1,005 | 760 | Seattle, Wash | 145 | 1 134 | 3 988 | 3 940 | |
| Kansas City, Mo | 88 | 124 | 3,520 | 3,645 | Spokane, Wash | 50 | 5 | 1.459 | 1.334 | |
| Lincoln, Nebr | (29) | (17 | (760) | (735) | Tacoma, Wash | 53 | 39 | 1,254 | 1,118 | |
| Minneapolis, Minn. | 151 | | 3,655 | 2,142 | Honolulu Heuroft | 127 | 1 14 | 12 10 100 | (1 007) | |
| unana, Neor | 01 | 04 | 6,169 | 2,003 | I honoraru, hawaii | 1 (37 | 1 (4) | J (1,106) | (1,000) | |

¹Estimated. ²Includes estimate for current week.

EPIDEMIOLOGICAL REPORTS-Continued

2 days before the dinner, allowed to thaw overnight, and then baked with the ham. They were also left unrefrigerated until sliced and served. The weather was reported to be very hot during this period. Twenty-five persons helped to prepare the food. Inspection revealed no open lesions on their hands, and all denied having any upper respiratory infection. Among the kitchen help, only those who ate ham became ill; those who ate only turkey did not become ill.

Gastroenteritis

Dr. J. M. McCroan, Georgia Department of Public Health, has reported an outbreak of gastroenteritis ascribed to Clostridium perfringens. Three persons became severely ill about 12 hours after eating turkey or turkey sandwiches in a restaurant along a busy highway. Symptoms were nausea, colicky pains, diarrhea, vomiting, and slight fever. On investigation, the restaurant manager reported two members of a tourist family had also become ill after eating turkey. Specimens of turkey and stool specimens from the patients were examined, and the laboratory report stated: "Heatresistant Clostridium perfringens was isolated in profusion from two samples of sliced cooked turkey and turkey stock. One of three stool specimens yielded growth of the same organism." The postive stool specimen was from the individual who presumably received no treatment. The negative findings were in specimens from two persons who had been treated. The history of food preparation, storage, and serving revealed no unusual practices, but there was opportunity for bacterial growth in the turkey, which was precooked and then refrigerated before serving. Investigators reported that epidemiological findings were compatible with Cl. perfringens food infection.

| EXPLANATION OF SYMBOLS USED IN TABLES | 5 |
|---|-----|
| 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.

QUARANTINE MEASURES

Immunization Information for International Travel No changes reported

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