

Morbidity and Mortality

Weekly
Report



U. S. Department of
HEALTH, EDUCATION, AND WELFARE

Public Health Service

NATIONAL OFFICE OF VITAL STATISTICS

July 15, 1955

Washington 25, D. C.

Vol. 4, No. 27

Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended July 9, 1955

The 406 cases of poliomyelitis reported this week represent an increase of about 22 percent over the total (334 corrected figure) for last week. It is, however, well below any corresponding figure for the previous 3 years, and is approximately the same as the 408 cases reported for the same week in 1951. It is not greatly different from the 478 cases reported in the same week of 1950.

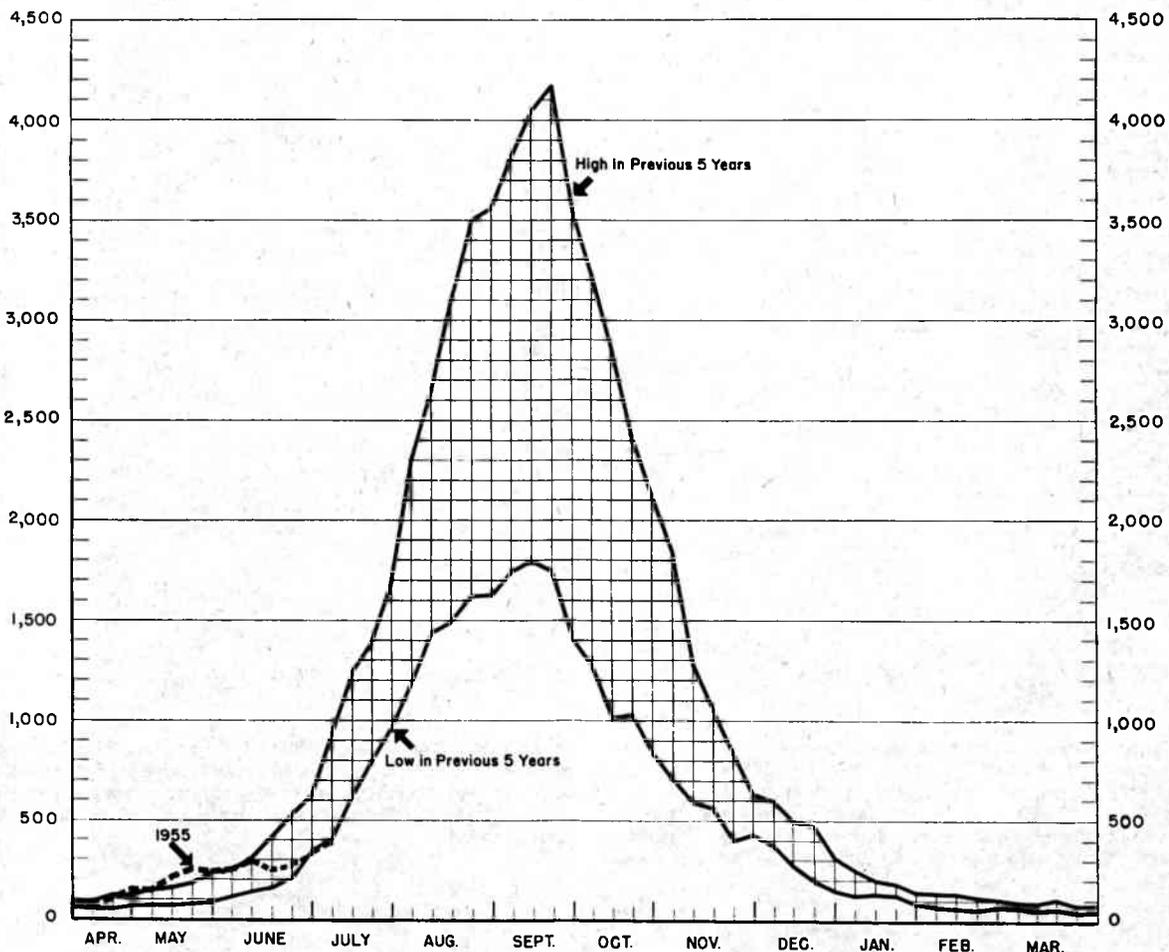
Cumulative totals for the calendar and the disease years, 1954 and 1955, are shown on page 2 of this report. The cumulative totals for the disease years in each of the previous years

were: 2,401 in 1950, 1,942 in 1951, 2,976 in 1952, 4,040 in 1953, and 3,911 in 1954 as compared with 3,054 for the present year.

Two-thirds of the cases reported in Massachusetts for the current week occurred in the metropolitan area of Boston. While this represents a large and sudden increase, similar sudden increases in cases have been observed in other metropolitan areas of the State in previous years. The occurrence of cases in the State as a whole since April 1 is similar to that of similar periods of the previous 5 years.

Michigan reported a larger number of cases for the current

POLIOMYELITIS CASES REPORTED BY WEEK: UNITED STATES



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week than for any of the previous 13 weeks. However, increases of this magnitude at this period of the year are common for this State. There has been no unusual concentration of cases in any part of the State since April 1.

Other States which reported relatively large increases for the current week over any previous week since April 1 are Minnesota, South Carolina, Tennessee, Oklahoma, and Texas. In none of these is the incidence above that for similar periods of some previous years. It is to be expected that the incidence in other States will show similar increases during the next 4 to 6 weeks.

EPIDEMIOLOGICAL REPORTS

Anthrax

Dr. M. P. Hines, Veterinary Public Health Section, North Carolina Board of Health, reports a case of anthrax in a machinist who services looms in a textile mill. The looms are

used for weaving "hair canvas" which is composed, in part, of imported goat hair. The hair is autoclaved prior to arrival into the State. The patient first noticed a painless papule on his arm. The lesion was said to resemble a "blood blister" and was dry and crusted in appearance. About a week after the appearance of the lesion, his arm began to swell, and he had a shaking chill. The following day the patient suffered from a severe generalized headache and he felt confused. Later in the day, after a prolonged chill, he consulted a private physician who diagnosed the illness as anthrax, and advised that he be hospitalized. A large zone of erythema surrounded the lesion and his arm had swollen to approximately twice its normal size. Smears and cultures of the lesion were taken and antibiotics were administered. Organisms resembling *B. anthracis* were seen on direct smear and similar organisms were cultured from the lesion. An investigation of the mill has been made and swab specimens taken for culture from various areas in the plant.

Continued on page 8

Table 1. CASES OF SPECIFIED NOTIFIABLE DISEASES: CONTINENTAL UNITED STATES

(Numbers after diseases are category numbers of the Sixth Revision of the International Lists, 1948)

| DISEASE | 27th WEEK | | | CUMULATIVE NUMBER | | | | | | Approximate seasonal low point |
|---|--------------------|---------------------|----------------|-------------------|---------|----------------|-------------------------|------------------|---------------------------|--------------------------------|
| | Ended July 9, 1955 | Ended July 10, 1954 | Median 1950-54 | First 27 weeks | | | Since seasonal low week | | | |
| | | | | 1955 | 1954 | Median 1950-54 | 1954-55 | 1953-54 | Median 1949-50 to 1953-54 | |
| Anthrax-----062 | 1 ¹ | - | - | 18 | 12 | 20 | (²) | (²) | (²) | (²) |
| Botulism-----049.1 | - | - | --- | 5 | 6 | --- | (²) | (²) | (²) | (²) |
| Brucellosis (undulant fever)-----044 | 23 | 32 | --- | 629 | 827 | --- | --- | --- | --- | --- |
| Diphtheria-----055 | 10 | 38 | 37 | 719 | 910 | 1,468 | 10 | 38 | 37 | July 1 |
| Encephalitis, infectious-----082 | 23 | 34 | 18 | 704 | 802 | 538 | 173 | 246 | 121 | June 1 |
| Hepatitis, infectious, and serum-----092,N998.5 pt. | 407 | 766 | --- | 20,324 | 31,702 | --- | --- | --- | --- | --- |
| Malaria-----110-117 | 16 | 23 | --- | 179 | 264 | --- | (²) | (²) | (²) | (²) |
| Measles-----085 | 6,713 | 11,387 | 6,709 | 499,223 | 597,381 | 444,708 | 554,973 | 631,695 | 474,098 | Sept. 1 |
| Meningococcal infections-----057 | 41 | 49 | 60 | 2,202 | 2,659 | 2,659 | 3,294 | 3,981 | 3,981 | Sept. 1 |
| Poliovmyelitis-----080 | 406 | 767 | 618 | 4,117 | 5,464 | 4,294 | 4,054 | 3,911 | 2,976 | Apr. 1 |
| Psittacosis-----096.2 | - | 23 | --- | 163 | 385 | --- | (²) | (²) | (²) | (²) |
| Rabies in man-----094 | - | - | - | 3 | 3 | 3 | (²) | (²) | (²) | (²) |
| Rocky Mountain spotted fever-----104A | 15 | 17 | 17 | 127 | 126 | 143 | (²) | (²) | (²) | (²) |
| Scarlet fever and streptococcal sore throat-----050,051 | 1,594 | 1,485 | 884 | 101,060 | 103,437 | 73,834 | 138,451 | 138,071 | 90,156 | Aug. 1 |
| Smallpox-----084 | - | - | - | - | - | 7 | (²) | (²) | (²) | (²) |
| Trichiniasis-----128 | 74 | 1 | --- | 158 | 149 | --- | (²) | (²) | (²) | (²) |
| Tularemia-----059 | 11 | 10 | 10 | 308 | 321 | 356 | (²) | (²) | (²) | (²) |
| Typhoid fever-----040 | 48 | 52 | 59 | 5,745 | 913 | 949 | 5,438 | 507 | 563 | Apr. 1 |
| Typhus fever, endemic-----101 | 8 | 10 | --- | 63 | 94 | --- | (²) | (²) | (²) | (²) |
| Whooping cough-----056 | 1,492 | 900 | 900 | 37,887 | 29,133 | 29,133 | 55,169 | 38,890 | 42,444 | Oct. 1 |
| Rabies in animals----- | 65 | 109 | 109 | 3,088 | 4,245 | 4,158 | 4,441 | 6,016 | --- | Oct. 1 |

¹Reported in Pennsylvania.

²Frequencies are too small.

³Addition: Arizona, week ended July 2, 2 cases. Deduction: Georgia, week ended June 25, 2 cases.

⁴Addition: Washington, week ended July 2, 1 case.

⁵Deduction: Maine, week ended June 18, 1 case.

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 Territory and of one possession. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday. Cases of anthrax, botulism, psittacosis, rabies in man, and smallpox are not shown

in table 2, but a footnote to table 1 shows the States making the reports. In addition, when diseases of rare occurrence (cholera, dengue, plague, relapsing fever—louse borne, typhus fever—epidemic, and yellow fever) are reported, they will be noted at the end of table 1.

Symbols.—1 dash [-]: no cases reported; 3 dashes [---]: data not available.

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED JULY 10, 1954, AND JULY 9, 1955

(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

| AREA | BRUCELLOSIS (UNDULANT FEVER) (044) | | DIPHTHERIA (055) | | ENCEPHALITIS, INFECTIOUS (082) | | HEPATITIS, INFECTIOUS, AND SERUM (092,N998.5 pt.) | | MALARIA (110-117) | | | |
|---------------------------|---|------|---------------------|------|--------------------------------------|------|--|------|-----------------------|------|----------|------|
| | | | | | | | | | Civilian ¹ | | Military | |
| | 1955 | 1954 | 1955 | 1954 | 1955 | 1954 | 1955 | 1954 | 1955 | 1954 | 1955 | 1954 |
| CONT. UNITED STATES----- | 23 | 32 | 10 | 38 | 23 | 34 | 407 | 766 | 10 | 9 | 6 | 14 |
| NEW ENGLAND----- | - | - | - | 1 | - | - | 33 | 34 | - | - | - | - |
| Maine----- | - | - | - | - | - | - | 7 | 21 | - | - | - | - |
| New Hampshire----- | - | - | - | - | - | - | - | - | - | - | - | - |
| Vermont----- | - | - | - | - | - | - | 3 | 1 | - | - | - | - |
| Massachusetts----- | - | - | - | 1 | - | - | 10 | 10 | - | - | - | - |
| Rhode Island----- | - | - | - | - | - | - | 1 | 1 | - | - | - | - |
| Connecticut----- | - | - | - | - | - | - | 12 | 1 | - | - | - | - |
| MIDDLE ATLANTIC----- | - | 1 | - | 3 | 9 | 6 | 93 | 205 | - | - | - | - |
| New York----- | - | 1 | - | 2 | 7 | 5 | 44 | 104 | - | - | - | - |
| New Jersey----- | - | - | - | - | 2 | 1 | 9 | 18 | - | - | - | - |
| Pennsylvania----- | - | - | - | 1 | - | - | 40 | 83 | - | - | - | - |
| EAST NORTH CENTRAL----- | 6 | 6 | 2 | 4 | 4 | 4 | 54 | 99 | - | - | - | 2 |
| Ohio----- | 1 | - | - | 1 | - | 1 | 14 | 7 | - | - | - | - |
| Indiana----- | 2 | - | - | 1 | - | - | 10 | 6 | - | - | - | - |
| Illinois----- | 1 | 2 | - | - | 1 | - | 3 | 60 | - | - | - | 2 |
| Michigan----- | - | - | - | - | 3 | 3 | 21 | 10 | - | - | - | - |
| Wisconsin----- | 2 | 4 | - | - | - | - | 6 | 16 | - | - | - | - |
| WEST NORTH CENTRAL----- | 9 | 9 | 2 | 4 | 1 | 1 | 47 | 133 | 1 | 1 | - | - |
| Minnesota----- | 4 | 1 | - | 2 | - | - | 12 | 49 | - | - | - | - |
| Iowa----- | 3 | 6 | - | 1 | - | - | 8 | 40 | - | - | - | - |
| Missouri----- | 1 | - | - | 1 | - | - | 1 | 11 | - | 1 | - | - |
| North Dakota----- | - | 2 | - | - | 1 | - | 20 | 7 | - | - | - | - |
| South Dakota----- | 1 | - | - | - | - | - | 5 | 5 | - | - | - | - |
| Nebraska----- | - | - | 1 | - | - | - | - | 12 | - | - | - | - |
| Kansas----- | - | - | 1 | - | - | 1 | 1 | 9 | 1 | - | - | - |
| SOUTH ATLANTIC----- | 2 | 2 | 3 | 10 | - | 4 | 33 | 93 | 1 | - | 1 | 2 |
| Delaware----- | - | - | - | - | - | - | - | 3 | - | - | - | - |
| Maryland----- | - | - | - | - | - | - | 12 | 24 | - | - | - | - |
| District of Columbia----- | - | - | - | - | - | - | - | 1 | - | - | - | - |
| Virginia----- | 1 | 1 | - | 1 | - | - | 13 | 46 | - | - | 1 | - |
| West Virginia----- | - | - | - | - | - | - | - | 4 | - | - | - | - |
| North Carolina----- | - | - | - | 1 | - | 2 | 3 | 7 | - | - | - | - |
| South Carolina----- | - | - | 3 | 3 | - | 2 | 1 | 3 | - | - | - | - |
| Georgia----- | 1 | 1 | - | 4 | - | - | 3 | 2 | - | - | - | 2 |
| Florida----- | - | - | - | 1 | - | - | 1 | 3 | 1 | - | - | - |
| EAST SOUTH CENTRAL----- | - | 4 | 1 | 4 | 1 | 3 | 17 | 58 | - | - | - | 10 |
| Kentucky----- | - | 1 | - | - | - | - | 4 | 5 | - | - | - | 10 |
| Tennessee----- | - | 2 | - | 1 | 1 | 3 | 6 | 18 | - | - | - | - |
| Alabama----- | - | 1 | - | - | - | - | 2 | 2 | - | - | - | - |
| Mississippi----- | - | - | 1 | 3 | - | - | 5 | 33 | - | - | - | - |
| WEST SOUTH CENTRAL----- | 3 | 8 | 4 | 8 | - | 3 | 42 | 44 | 8 | 6 | - | - |
| Arkansas----- | - | 1 | - | - | - | - | 2 | 3 | - | - | - | - |
| Louisiana----- | 1 | 1 | - | - | - | - | 2 | 2 | - | - | - | - |
| Oklahoma----- | - | 3 | 2 | 3 | - | - | 3 | 10 | 1 | 1 | - | - |
| Texas----- | 2 | 3 | 2 | 5 | - | 3 | 35 | 29 | 7 | 5 | - | - |
| MOUNTAIN----- | 2 | 2 | - | 4 | - | 1 | 20 | 31 | - | - | - | - |
| Montana----- | - | - | - | 3 | - | - | 4 | - | - | - | - | - |
| Idaho----- | - | - | - | - | - | - | 4 | 6 | - | - | - | - |
| Wyoming----- | - | - | - | - | - | 1 | 1 | 5 | - | - | - | - |
| Colorado----- | 1 | 1 | - | - | - | - | 6 | 6 | - | - | - | - |
| New Mexico----- | - | - | - | - | - | - | 1 | 2 | - | - | - | - |
| Arizona----- | - | - | - | 1 | - | - | 3 | 12 | - | - | - | - |
| Utah----- | 1 | 1 | - | - | - | - | 1 | - | - | - | - | - |
| Nevada----- | - | - | - | - | - | - | - | - | - | - | - | - |
| PACIFIC----- | 1 | - | - | 2 | 8 | 12 | 68 | 69 | - | 2 | 5 | - |
| Washington----- | - | - | - | 1 | - | - | 11 | 12 | - | - | - | - |
| Oregon----- | - | - | - | - | - | - | 17 | 19 | - | - | - | - |
| California----- | 1 | - | - | 1 | 8 | 12 | 40 | 38 | - | 2 | 5 | - |
| Alaska----- | - | - | - | - | - | - | 4 | - | - | - | - | - |
| Hawaii----- | - | - | - | - | - | - | 1 | 2 | - | - | - | 1 |
| Puerto Rico----- | - | - | - | 9 | - | - | - | - | - | - | - | - |

¹Includes cases not specified as civilian or military.

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED JULY 10, 1954, AND JULY 9, 1955—Continued

(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

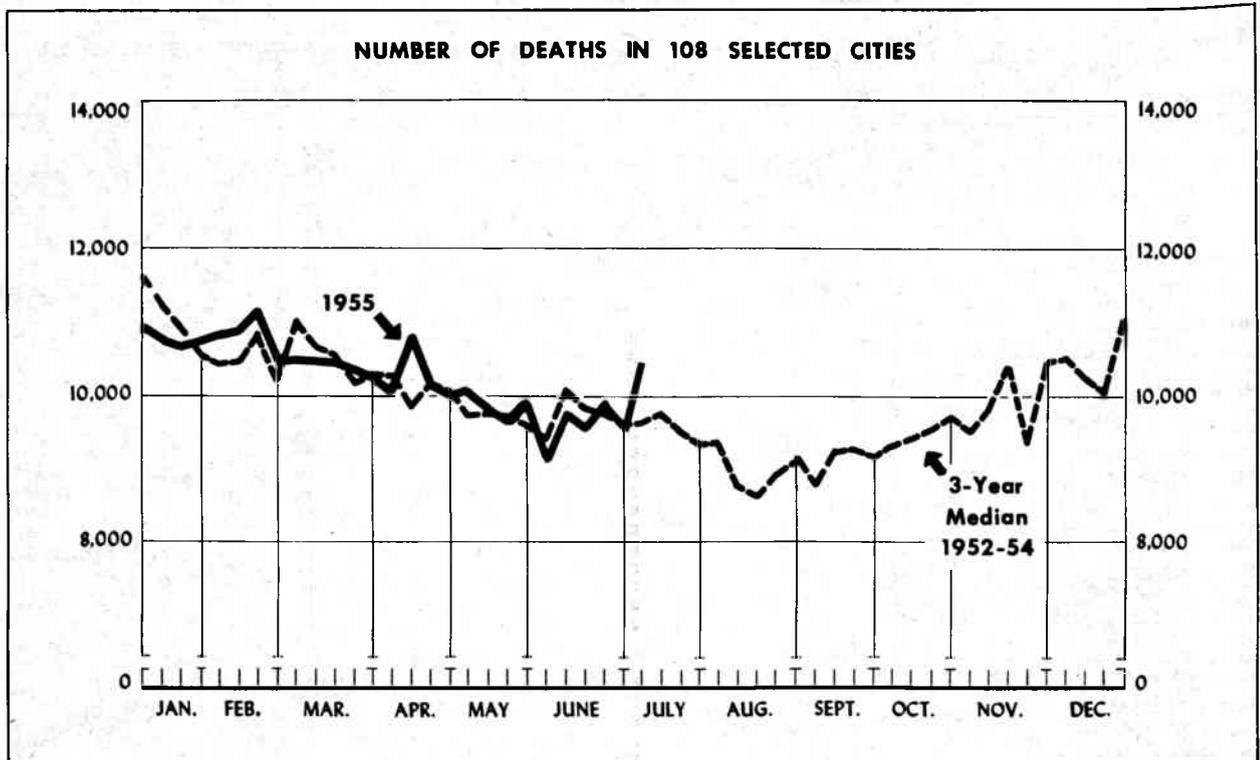
| AREA | MEASLES (085) | | MENINGO- COCCAL INFECTIONS (057) | | POLIOMYELITIS (080) | | | | | | ROCKY MOUNTAIN SPOTTED FEVER (104A) | |
|---------------------------|------------------|--------|---|------|---------------------|------|----------------------------|------|-------------------------|------|---|------|
| | | | | | Total ² | | Paralytic (080.0,080.1) | | Nonparalytic (080.2) | | | |
| | 1955 | 1954 | 1955 | 1954 | 1955 | 1954 | 1955 | 1954 | 1955 | 1954 | 1955 | 1954 |
| CONT. UNITED STATES----- | 6,713 | 11,387 | 41 | 49 | 406 | 767 | 170 | 261 | 161 | 237 | 15 | 17 |
| NEW ENGLAND----- | 494 | 1,084 | 1 | 1 | 33 | 16 | 21 | 3 | 11 | 5 | - | - |
| Maine----- | 44 | 120 | - | - | 1 | 1 | - | 1 | 1 | - | - | - |
| New Hampshire----- | 5 | 18 | - | - | - | - | - | - | - | - | - | - |
| Vermont----- | 94 | 73 | - | 1 | 3 | 1 | 1 | 1 | 2 | - | - | - |
| Massachusetts----- | 217 | 653 | 1 | - | 24 | 6 | 20 | 1 | 3 | 1 | - | - |
| Rhode Island----- | 6 | 71 | - | - | - | - | - | - | - | - | - | - |
| Connecticut----- | 128 | 149 | - | - | 5 | 8 | - | - | 5 | 4 | - | - |
| MIDDLE ATLANTIC----- | 1,653 | 3,868 | 7 | 15 | 35 | 43 | 9 | 14 | 15 | 9 | - | 2 |
| New York----- | 812 | 2,093 | 5 | 5 | 25 | 22 | 9 | 7 | 15 | 6 | - | 2 |
| New Jersey----- | 523 | 1,229 | 1 | 4 | 3 | 10 | - | 7 | - | 3 | - | - |
| Pennsylvania----- | 298 | 546 | 1 | 3 | 7 | 11 | - | - | - | - | - | - |
| EAST NORTH CENTRAL----- | 1,958 | 2,176 | 7 | 6 | 49 | 104 | 16 | 32 | 21 | 28 | 2 | 3 |
| Ohio----- | 296 | 496 | 2 | - | 14 | 35 | 4 | 10 | 4 | 10 | 1 | 1 |
| Indiana----- | 64 | 431 | 2 | 2 | 6 | 7 | - | 2 | 2 | 2 | - | - |
| Illinois----- | 285 | 420 | 3 | 4 | 5 | 25 | 3 | 6 | - | 5 | 1 | 2 |
| Michigan----- | 197 | 518 | - | - | 18 | 34 | 6 | 13 | 12 | 11 | - | - |
| Wisconsin----- | 1,116 | 311 | - | - | 6 | 3 | 3 | 1 | 3 | - | - | - |
| WEST NORTH CENTRAL----- | 214 | 424 | - | 2 | 40 | 77 | 16 | 18 | 20 | 31 | - | - |
| Minnesota----- | 16 | 72 | - | - | 13 | 12 | 7 | 4 | 6 | 7 | - | - |
| Iowa----- | 110 | 174 | - | 1 | 11 | 26 | 2 | 4 | 9 | 17 | - | - |
| Missouri----- | 13 | 29 | - | - | 4 | 14 | 3 | 2 | 1 | 3 | - | - |
| North Dakota----- | 36 | 88 | - | 1 | 3 | 1 | - | - | 2 | - | - | - |
| South Dakota----- | 13 | 5 | - | - | 3 | 1 | 1 | - | 2 | - | - | - |
| Nebraska----- | 5 | 42 | - | - | 3 | 9 | 3 | 5 | - | 4 | - | - |
| Kansas----- | 21 | 14 | - | - | 3 | 14 | - | 3 | - | - | - | - |
| SOUTH ATLANTIC----- | 254 | 994 | 7 | 9 | 50 | 104 | 21 | 32 | 21 | 30 | 7 | 10 |
| Delaware----- | 1 | 20 | - | - | 3 | - | 2 | - | - | - | - | 1 |
| Maryland----- | 36 | 110 | 1 | 1 | 7 | 2 | 4 | 2 | 3 | - | 2 | 2 |
| District of Columbia----- | 4 | 25 | - | 1 | 1 | - | - | - | 1 | - | - | - |
| Virginia----- | 44 | 353 | 1 | 3 | 7 | 10 | 3 | 4 | 4 | 6 | 3 | 4 |
| West Virginia----- | 105 | 144 | - | - | 2 | 4 | - | 1 | 2 | - | - | - |
| North Carolina----- | 14 | 75 | 4 | 2 | 9 | 11 | 1 | 3 | 4 | 7 | 1 | 2 |
| South Carolina----- | 20 | 21 | - | 2 | 12 | 11 | 6 | 4 | 4 | 3 | - | - |
| Georgia----- | 12 | 120 | 1 | - | 6 | 19 | 5 | 4 | - | 4 | 1 | 1 |
| Florida----- | 18 | 126 | - | - | 3 | 47 | - | 14 | 3 | 10 | - | - |
| EAST SOUTH CENTRAL----- | 92 | 263 | 7 | 7 | 24 | 77 | 7 | 18 | 4 | 11 | 3 | 2 |
| Kentucky----- | 12 | 58 | 3 | 2 | 5 | 12 | 4 | 8 | 1 | 3 | - | 2 |
| Tennessee----- | 36 | 76 | 3 | 1 | 10 | 13 | 3 | - | 3 | 2 | 2 | - |
| Alabama----- | 25 | 79 | 1 | 3 | 9 | 19 | - | - | - | - | 1 | - |
| Mississippi----- | 19 | 50 | - | 1 | - | 33 | - | 10 | - | 6 | - | - |
| WEST SOUTH CENTRAL----- | 554 | 912 | 8 | 4 | 101 | 193 | 43 | 75 | 38 | 70 | - | - |
| Arkansas----- | 15 | 52 | 1 | - | 5 | 15 | 2 | 7 | 3 | 7 | - | - |
| Louisiana----- | 7 | 11 | - | - | 8 | 7 | 3 | 3 | 5 | 4 | - | - |
| Oklahoma----- | 98 | 153 | - | 1 | 12 | 26 | - | 5 | 3 | 2 | - | - |
| Texas----- | 434 | 696 | 7 | 3 | 76 | 145 | 38 | 60 | 27 | 57 | - | - |
| MOUNTAIN----- | 469 | 346 | - | - | 22 | 48 | 6 | 9 | 10 | 9 | 3 | - |
| Montana----- | 96 | 165 | - | - | 1 | 1 | - | - | 1 | 1 | - | - |
| Idaho----- | 5 | 6 | - | - | 7 | - | 4 | - | 1 | - | 2 | - |
| Wyoming----- | 3 | 12 | - | - | - | 19 | - | 1 | - | - | - | - |
| Colorado----- | 138 | 52 | - | - | 2 | 8 | 1 | 4 | 1 | 3 | - | - |
| New Mexico----- | 52 | 29 | - | - | 8 | 7 | 1 | 3 | 7 | 1 | - | - |
| Arizona----- | 143 | 40 | - | - | - | 7 | - | 1 | - | 4 | - | - |
| Utah----- | 6 | 40 | - | - | - | 1 | - | - | - | - | 1 | - |
| Nevada----- | 26 | 2 | - | - | 4 | 5 | - | - | - | - | - | - |
| PACIFIC----- | 1,045 | 1,320 | 4 | 5 | 52 | 105 | 31 | 60 | 21 | 44 | - | - |
| Washington----- | 114 | 193 | - | 2 | 5 | 5 | 3 | 5 | 2 | - | - | - |
| Oregon----- | 103 | 90 | - | - | 4 | 9 | 4 | 3 | - | 6 | - | - |
| California----- | 828 | 1,037 | 4 | 3 | 43 | 91 | 24 | 52 | 19 | 38 | - | - |
| Alaska----- | 21 | 10 | - | - | 1 | 9 | - | 7 | - | 2 | - | - |
| Hawaii----- | 74 | 6 | - | 1 | 3 | 5 | 3 | 1 | - | 4 | - | - |
| Puerto Rico----- | 26 | 61 | - | - | 5 | - | 5 | - | - | - | - | - |

²Includes cases not specified by type, category number (080.3).

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED JULY 10, 1954, AND JULY 9, 1955—Continued

(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

| AREA | SCARLET FEVER AND STREPTOCOCCAL SORE THROAT (050,051) | | TRICHI- NIASIS (128) | TULAREMIA (059) | | TYPHOID FEVER (040) | | TYPHUS FEVER, ENDEMIC (101) | WHOOPING COUGH (056) | | RABIES IN ANIMALS | |
|---------------------------|--|-------|----------------------------|--------------------|------|---------------------------|------|--------------------------------------|----------------------------|------|----------------------|------|
| | 1955 | 1954 | | 1955 | 1954 | 1955 | 1954 | | 1955 | 1954 | 1955 | 1954 |
| CONT. UNITED STATES----- | 1,594 | 1,485 | 74 | 11 | 10 | 48 | 52 | 8 | 1,492 | 900 | 65 | 109 |
| NEW ENGLAND----- | 56 | 64 | - | - | - | 1 | - | - | 34 | 38 | - | - |
| Maine----- | 4 | 13 | - | - | - | 1 | - | - | 18 | - | - | - |
| New Hampshire----- | 1 | 3 | - | - | - | - | - | - | - | - | - | - |
| Vermont----- | - | 2 | - | - | - | - | - | - | 1 | 2 | - | - |
| Massachusetts----- | 42 | 33 | - | - | - | - | - | - | 8 | 18 | - | - |
| Rhode Island----- | 4 | 3 | - | - | - | - | - | - | - | 5 | - | - |
| Connecticut----- | 5 | 10 | - | - | - | - | - | - | 7 | 13 | - | - |
| MIDDLE ATLANTIC----- | 91 | 109 | 4 | - | - | 5 | 6 | - | 56 | 108 | 3 | 11 |
| New York----- | 65 | 72 | 3 | - | - | 1 | 3 | - | 30 | 59 | 3 | 11 |
| New Jersey----- | 9 | 8 | 1 | - | - | - | - | - | 7 | 23 | - | - |
| Pennsylvania----- | 17 | 29 | - | - | - | 4 | 3 | - | 19 | 26 | - | - |
| EAST NORTH CENTRAL----- | 222 | 125 | 70 | - | - | 3 | 3 | - | 163 | 162 | 5 | 22 |
| Ohio----- | 61 | 24 | 1 | - | - | 2 | 2 | - | 35 | 30 | 1 | 6 |
| Indiana----- | 26 | 23 | 69 | - | - | - | - | - | 60 | 12 | 1 | 9 |
| Illinois----- | 18 | 29 | - | - | - | 1 | 1 | - | 24 | 27 | - | 2 |
| Michigan----- | 82 | 22 | - | - | - | - | - | - | 19 | 76 | 2 | 3 |
| Wisconsin----- | 35 | 27 | - | - | - | - | - | - | 25 | 17 | 1 | 2 |
| WEST NORTH CENTRAL----- | 36 | 42 | - | - | 2 | 3 | 1 | - | 48 | 32 | 9 | 18 |
| Minnesota----- | 19 | 15 | - | - | 1 | - | - | - | 14 | 8 | 2 | 1 |
| Iowa----- | 5 | 2 | - | - | - | 2 | - | - | 3 | 8 | 5 | 8 |
| Missouri----- | 2 | 3 | - | - | 1 | 1 | - | - | 14 | 7 | - | 8 |
| North Dakota----- | 5 | 18 | - | - | - | - | - | - | 6 | - | - | 1 |
| South Dakota----- | - | - | - | - | - | - | - | - | 2 | 2 | - | - |
| Nebraska----- | - | - | - | - | - | - | - | - | - | - | 2 | - |
| Kansas----- | 5 | 4 | - | - | - | - | 1 | - | 9 | 7 | - | - |
| SOUTH ATLANTIC----- | 96 | 141 | - | - | 1 | 6 | 5 | 1 | 284 | 89 | 21 | 28 |
| Delaware----- | - | - | - | - | - | - | - | - | - | - | - | - |
| Maryland----- | 12 | 14 | - | - | - | 2 | - | - | 1 | 14 | - | - |
| District of Columbia----- | 3 | 1 | - | - | - | - | - | - | 2 | - | - | - |
| Virginia----- | 48 | 64 | - | - | 1 | - | - | - | 18 | 18 | 2 | 10 |
| West Virginia----- | 3 | 14 | - | - | - | 1 | 1 | - | 34 | 15 | 7 | 5 |
| North Carolina----- | 7 | 11 | - | - | - | 1 | 1 | - | 27 | 6 | 4 | 2 |
| South Carolina----- | 4 | 2 | - | - | - | 1 | 3 | - | 3 | 11 | 4 | 9 |
| Georgia----- | 16 | 34 | - | - | - | - | - | 1 | 164 | 14 | 4 | 1 |
| Florida----- | 3 | 1 | - | - | - | 1 | - | - | 35 | 11 | - | 1 |
| EAST SOUTH CENTRAL----- | 63 | 23 | - | 1 | 2 | 8 | 13 | 1 | 157 | 131 | 10 | 11 |
| Kentucky----- | 53 | 5 | - | - | - | 5 | 2 | - | 48 | 50 | 5 | 2 |
| Tennessee----- | 8 | 10 | - | 1 | 1 | 1 | 3 | - | 51 | 46 | - | 4 |
| Alabama----- | - | 7 | - | - | 2 | 2 | 2 | - | 57 | 15 | 4 | 5 |
| Mississippi----- | 2 | 1 | - | 1 | - | - | 6 | 1 | 1 | 20 | 1 | - |
| WEST SOUTH CENTRAL----- | 703 | 674 | - | 10 | 5 | 16 | 18 | 5 | 518 | 209 | 7 | 17 |
| Arkansas----- | 45 | 45 | - | 7 | 1 | 3 | 6 | - | 46 | 26 | 1 | 2 |
| Louisiana----- | - | 1 | - | 1 | - | 2 | - | 1 | - | 1 | - | - |
| Oklahoma----- | 15 | 14 | - | 2 | 1 | 4 | 3 | - | 48 | 6 | - | 2 |
| Texas----- | 643 | 614 | - | 3 | 3 | 7 | 9 | 4 | 424 | 176 | 6 | 13 |
| MOUNTAIN----- | 229 | 221 | - | - | - | 6 | 5 | - | 126 | 42 | 1 | - |
| Montana----- | 1 | 3 | - | - | - | - | - | - | 12 | 5 | - | - |
| Idaho----- | 5 | 9 | - | - | - | - | - | - | 4 | 2 | - | - |
| Wyoming----- | 30 | 2 | - | - | - | 1 | - | - | 1 | 1 | - | - |
| Colorado----- | 54 | 40 | - | - | - | 2 | - | - | 36 | 7 | - | - |
| New Mexico----- | 23 | 18 | - | - | - | 3 | 4 | - | 15 | 2 | 1 | - |
| Arizona----- | 102 | 120 | - | - | - | - | - | - | 41 | 10 | - | - |
| Utah----- | 14 | 29 | - | - | - | - | - | - | 17 | 15 | - | - |
| Nevada----- | - | - | - | - | - | - | 1 | - | - | - | - | - |
| PACIFIC----- | 98 | 86 | - | - | - | - | 1 | 1 | 106 | 89 | 9 | 2 |
| Washington----- | 35 | 7 | - | - | - | - | - | - | 16 | 11 | - | - |
| Oregon----- | 9 | 12 | - | - | - | - | - | - | 14 | 8 | - | - |
| California----- | 54 | 67 | - | - | - | - | 1 | 1 | 76 | 70 | 9 | 2 |
| Alaska----- | 2 | - | - | - | - | - | - | - | - | - | - | - |
| Hawaii----- | 1 | 1 | - | - | - | - | - | - | - | 2 | - | - |
| Puerto Rico----- | - | - | - | - | - | - | - | - | 3 | 43 | 1 | - |



The chart shows the number of deaths reported for 108 major cities of the United States by week for the current year, and, for comparison, the median of the number of deaths reported for the corresponding weeks of the 3 previous calendar years. (The median is the central one of the three values arranged in order of magnitude.) 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 to maintain comparability for graphic presentation.

The figures reported represent the number of death certificates received in the vital statistics offices during the week indicated, for deaths occurring in that 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.

While week-to-week changes in the total number of deaths reported for all major cities generally represent a change in mortality conditions, this may not be true for variations in weekly figures for each city. For example, in a city with a weekly average of 50 deaths, the number of deaths occurring in a week may be expected to vary by chance alone from 36 to 64 ($d \pm 2\sqrt{d}$, where d represents the average number of deaths per week).

The number of deaths in cities of the same size may also differ because of variations in the age, race, and sex composition of their 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 DIVISION

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

| AREA | 27th week ended July 9, 1955 | 26th week ended July 2, 1955 | 27th week median 1952-54 | Percent change, median to current week | CUMULATIVE NUMBER FOR FIRST 27 WEEKS | | |
|-------------------------------------|------------------------------|------------------------------|--------------------------|--|--------------------------------------|---------|----------------|
| | | | | | 1955 | 1954 | Percent change |
| TOTAL: 104 REPORTING CITIES----- | 10,287 | 9,416 | 9,465 | +8.7 | 272,689 | 268,409 | +1.6 |
| New England----- (14 cities) | 735 | 624 | 649 | +13.3 | 19,085 | 18,151 | +5.1 |
| Middle Atlantic----- (14 cities) | 3,144 | 2,678 | 2,702 | +16.4 | 78,758 | 77,165 | +2.1 |
| East North Central----- (18 cities) | 2,399 | 2,069 | 1,992 | +20.4 | 60,451 | 59,763 | +1.2 |
| West North Central----- (8 cities) | 694 | 631 | 770 | -9.9 | 18,416 | 19,312 | -4.6 |
| South Atlantic----- (9 cities) | 824 | 743 | 818 | +0.7 | 20,781 | 20,756 | +0.1 |
| East South Central----- (8 cities) | 392 | 445 | 420 | -6.7 | 12,614 | 12,477 | +1.1 |
| West South Central----- (13 cities) | 756 | 780 | 756 | 0 | 21,451 | 20,838 | +2.9 |
| Mountain----- (8 cities) | 228 | 244 | 222 | +2.7 | 6,533 | 6,248 | +4.6 |
| Pacific----- (12 cities) | 1,115 | 1,202 | 1,100 | +1.4 | 34,600 | 33,699 | +2.7 |

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Table 4. DEATHS IN SELECTED CITIES FOR WEEK ENDED JULY 9, 1955

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

| CITY | 27th week ended July 9, 1955 | 26th week ended July 2, 1955 | CUMULATIVE NUMBER FOR FIRST 27 WEEKS | | CITY | 27th week ended July 9, 1955 | 26th week ended July 2, 1955 | CUMULATIVE NUMBER FOR FIRST 27 WEEKS | |
|-------------------------|------------------------------|------------------------------|--------------------------------------|---------|-------------------------|------------------------------|------------------------------|--------------------------------------|---------|
| | | | 1955 | 1954 | | | | 1955 | 1954 |
| NEW ENGLAND | | | | | WEST NORTH CENTRAL—Con. | | | | |
| Boston----- | 244 | 210 | 6,541 | 6,072 | St. Louis----- | 214 | 201 | 5,887 | 6,292 |
| Bridgeport----- | 42 | 24 | 1,049 | 958 | St. Paul----- | 72 | 70 | 1,753 | 1,773 |
| Cambridge----- | 27 | 28 | 784 | 782 | Wichita----- | 27 | 41 | 1,012 | 1,121 |
| Fall River----- | 29 | 21 | 763 | 783 | SOUTH ATLANTIC | | | | |
| Hartford----- | 53 | 46 | 1,281 | 1,237 | Atlanta----- | 88 | 96 | 2,761 | 2,840 |
| Lowell----- | 25 | 31 | 686 | 764 | Baltimore----- | 250 | 217 | 6,109 | 5,925 |
| Lynn----- | 30 | 17 | 629 | 597 | Charlotte----- | 30 | 29 | 788 | 831 |
| New Bedford----- | 30 | 29 | 681 | 617 | Jacksonville----- | (42) | (38) | (1,289) | (1,348) |
| New Haven----- | 35 | 52 | 1,239 | 1,212 | Miami----- | 53 | 66 | 1,421 | 1,763 |
| Providence----- | 64 | 53 | 1,779 | 1,624 | Norfolk----- | 25 | 30 | 858 | 809 |
| Somerville----- | 16 | 17 | 434 | 389 | Richmond----- | 76 | 71 | 1,747 | 1,709 |
| Springfield, Mass.----- | 52 | 31 | 1,135 | 1,079 | Savannah----- | --- | (23) | --- | (772) |
| Waterbury----- | 26 | 27 | 661 | 672 | Tampa----- | 46 | 53 | 1,512 | 1,488 |
| Worcester----- | 62 | 38 | 1,403 | 1,365 | Washington, D. C.----- | 217 | 152 | 4,597 | 4,513 |
| MIDDLE ATLANTIC | | | | | EAST SOUTH CENTRAL | | | | |
| Albany----- | 61 | 39 | 1,289 | 1,217 | Birmingham----- | 61 | 71 | 2,074 | 2,063 |
| Allentown----- | (49) | (40) | (1,009) | (907) | Chattanooga----- | 43 | 37 | 1,186 | 1,189 |
| Buffalo----- | 120 | 152 | 3,697 | 3,831 | Knoxville----- | 35 | 22 | 883 | 916 |
| Camden----- | --- | (38) | --- | (1,002) | Louisville----- | 80 | 93 | 2,856 | 2,892 |
| Elizabeth----- | --- | (13) | --- | 731 | Memphis----- | 81 | 96 | 2,657 | 2,550 |
| Erie----- | 38 | 32 | 971 | 942 | Mobile----- | 23 | 36 | 798 | 839 |
| Jersey City----- | --- | (50) | --- | (1,918) | Montgomery----- | 16 | 27 | 707 | 689 |
| Newark, N. J.----- | 77 | 96 | 2,770 | 2,672 | Nashville----- | 53 | 63 | 1,453 | 1,339 |
| New York City----- | 1,919 | 1,486 | 43,531 | 42,093 | WEST SOUTH CENTRAL | | | | |
| Paterson----- | 45 | 38 | 1,046 | 1,050 | Austin----- | 24 | 18 | 672 | 683 |
| Philadelphia----- | 425 | 416 | 13,083 | 12,746 | Baton Rouge----- | 30 | 17 | 598 | 603 |
| Pittsburgh----- | 160 | 164 | 4,833 | 4,411 | Corpus Christi----- | 10 | 30 | 472 | 451 |
| Reading----- | (22) | (22) | (623) | (560) | Dallas----- | 97 | 107 | 2,635 | 2,669 |
| Rochester, N. Y.----- | 91 | 100 | 2,546 | 2,521 | El Paso----- | 38 | 25 | 778 | 749 |
| Schenectady----- | 26 | 17 | 620 | 652 | Fort Worth----- | 54 | 47 | 1,462 | 1,444 |
| Scranton----- | (34) | (29) | (908) | (835) | Houston----- | 127 | 108 | 3,413 | 3,311 |
| Syracuse----- | 64 | 39 | 1,500 | 1,497 | Little Rock----- | 39 | 53 | 1,195 | 1,122 |
| Trenton----- | 37 | 46 | 1,277 | 1,238 | New Orleans----- | 142 | 143 | 4,080 | 4,030 |
| Utica----- | 34 | 29 | 820 | 824 | Oklahoma City----- | 49 | 59 | 1,526 | 1,553 |
| Yonkers----- | 47 | 24 | 775 | 740 | San Antonio----- | 84 | 93 | 2,360 | 2,083 |
| EAST NORTH CENTRAL | | | | | MOUNTAIN | | | | |
| Akron----- | 55 | 43 | 1,461 | 1,521 | Albuquerque----- | 17 | 26 | 630 | 711 |
| Canton----- | 31 | 21 | 729 | 785 | Colorado Springs----- | 14 | 15 | 368 | 329 |
| Chicago----- | 887 | 669 | 19,667 | 19,951 | Denver----- | 103 | 107 | 2,984 | 2,799 |
| Cincinnati----- | 127 | 143 | 4,036 | 3,804 | Ogden----- | 8 | 9 | 281 | 275 |
| Cleveland----- | 180 | 172 | 5,309 | 5,497 | Phoenix----- | 19 | 24 | 659 | 582 |
| Columbus----- | 112 | 98 | 2,960 | 2,783 | Pueblo----- | 13 | 9 | 352 | 354 |
| Dayton----- | 54 | 56 | 1,771 | 1,714 | Salt Lake City----- | 49 | 49 | 1,135 | 1,093 |
| Detroit----- | 352 | 304 | 8,865 | 8,462 | Tucson----- | 5 | 5 | 124 | 105 |
| Evansville----- | 42 | 28 | 860 | 839 | PACIFIC | | | | |
| Flint----- | 36 | 30 | 985 | 1,033 | Berkeley----- | 18 | 13 | 498 | 469 |
| Fort Wayne----- | 47 | 37 | 933 | 703 | Long Beach----- | 46 | 41 | 1,344 | 1,326 |
| Gary----- | (33) | (29) | (742) | (677) | Los Angeles----- | 417 | 444 | 12,368 | 11,962 |
| Grand Rapids----- | 57 | 38 | 1,151 | 1,075 | Oakland----- | 60 | 78 | 2,394 | 2,534 |
| Indianapolis----- | 94 | 92 | 2,932 | 3,059 | Passadena----- | 37 | 37 | 965 | 916 |
| Milwaukee----- | 144 | 130 | 3,387 | 3,347 | Portland, Oreg.----- | 84 | 88 | 2,606 | 2,712 |
| Peoria----- | 25 | 37 | 786 | 827 | Sacramento----- | 41 | 40 | 1,350 | 1,291 |
| South Bend----- | 23 | 32 | 667 | 633 | San Diego----- | 69 | 59 | 2,048 | 1,988 |
| Toledo----- | 82 | 91 | 2,562 | 2,407 | San Francisco----- | 158 | 186 | 5,138 | 5,014 |
| Youngstown----- | 51 | 48 | 1,390 | 1,323 | Seattle----- | 105 | 128 | 3,580 | 3,322 |
| WEST NORTH CENTRAL | | | | | PACIFIC | | | | |
| Des Moines----- | 59 | 50 | 1,336 | 1,352 | Spokane----- | 50 | 51 | 1,254 | 1,228 |
| Duluth----- | 25 | 19 | 690 | 721 | Tacoma----- | 30 | 39 | 1,055 | 937 |
| Kansas City, Kans.----- | --- | --- | --- | (906) | Honolulu----- | (32) | (33) | (974) | (917) |
| Kansas City, Mo.----- | 104 | 96 | 2,920 | 3,228 | | | | | |
| Minneapolis----- | 132 | 104 | 3,156 | 3,158 | | | | | |
| Omaha----- | 61 | 50 | 1,662 | 1,667 | | | | | |

Symbols.—parentheses (): data not included in table 3; 3 dashes --- : data not available.

EPIDEMIOLOGICAL REPORTS—Continued

Encephalitis

The California Department of Public Health has reported 165 cases of acute encephalitis through July 2. For the same period of 1954, a total of 232 cases was reported. During June of this year, 11 persons with central nervous system symptoms with fever were admitted to 2 hospitals in the study area. Of these, 5 (4 in one family) are considered as possible viral encephalitis. However, as yet, no cases of western equine or St. Louis types of infection have been reported.

Since May 1, 305 pools of mosquitoes have been submitted and no western equine or St. Louis viruses have been isolated from the 112 pools on which testing is complete. Last year from 309 pools, 57 isolations of western equine and 5 of St. Louis virus had been obtained from the 4 designated sampling areas.

Typhoid fever

Dr. J. D. Purvis, Pennsylvania Department of Health, reports 3 cases of typhoid fever, probably food borne. A person, who worked as a domestic in the home of 2 patients and where the other patient visited, has been identified as a chronic carrier of type E-1 organism.

Gastro-enteritis

Information has been received of 2 outbreaks of gastro-enteritis which occurred in Missouri. One reported by John McCutchen, Jefferson City, was among 115 persons following a picnic lunch in a park. Of these, approximately 60 became ill from 3 to 4 hours after eating barbecued meat and potato salad. An investigation was made, and the potato salad was immediately suspected to be the vehicle of infection and only routine inspection of other foods was made. The salad (about 70 pounds) was prepared in a local restaurant. The potatoes were prepared the previous day and left unrefrigerated overnight. The salad, after being prepared the following day, was also left unrefrigerated. Fifty pounds were delivered to the picnic area and 20 pounds were kept for use in the restaurant. Four persons are known to have become ill after eating at the restaurant. Bacteriological examination of the salad revealed the presence of hemolytic *Staphylococcus aureus*, coagulase positive and minnitol positive. Stool and vomitus specimens of the patients revealed the same organism. The other outbreak reported by J. H. Fritz, Kansas City, occurred among 180 patients in a hospital. Of these, 43 became ill from 2 to 4 hours after eating ham salad sandwiches. None of the food was available for bacteriological examination. The source of the outbreak was not determined, but it is believed to have been from an improperly cleaned meat grinder.

The Interstate Carrier Section, PHS, has given information on 2 outbreaks of acute gastro-enteritis among 28 crew members of a ship which docked at a port in Texas. One outbreak involving the entire crew occurred 2 days before the ship arrived. A few days later, shortly after an evening meal, a more violent outbreak occurred. It involved most of the crew and 18 of them were hospitalized. The symptoms were nausea, vomiting, abdominal cramps, and diarrhea. Two persons had bloody vomitus and stools. Stool specimens collected were negative for pathogenic organisms. The source of infection was not found but 4 attending physicians and a health officer offered some possibilities. It was suggested that the first outbreak could have resulted from fish (baracuda) which was poisonous or had eaten a poisonous substance; and that the second outbreak may have been from chemical intoxication produced by food and drink consumed by the crew, who had not eaten for a couple of days. The other possibility was from food contaminated or spoiled in the galley. An investigation revealed poor sanitary conditions.

Trichiniasis

Dr. A. L. Marshall has reported an outbreak of trichiniasis in an educational institution. The illnesses started early in April. All of the patients, 69 in number, were members of two fraternities (with a population of 111), which maintained their own dining rooms. In each of these there was a preference for eating pork products and in each it was shown that "rare" pork was served. The source of the meat was from reliable producers. Pork from the same source prepared in other dining rooms of the institution seems to have been more thoroughly cooked. No

new cases appeared after proper preparation was instituted in the 2 dining rooms. Symptoms found in the patients included nausea, vomiting, diarrhea, muscle soreness and pain, edema of the face and eyes, laryngitis and cough. Eosinophilia and positive skin tests were demonstrated in 56 cases but biopsy failed to reveal the parasite.

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