

Morbidity and Mortality

Weekly
Report



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

Public Health Service

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Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended December 25, 1954

The 28 cases of infectious encephalitis reported this week include delayed cases, and most of these were reported in Iowa.

The number (874,703) of cases of measles reported during the first 51 weeks of this year is about 50 percent above the 442,019 cases reported for the same period of 1953. The total for the year to date also exceeds the number (869,004) for the corresponding period of 1952.

So far there have been no reports that would indicate any recent occurrence of epidemic influenza in the United States. In California, respiratory disease is reported not to be causing any large amount of absenteeism in selected schools and industries. A total of 213 specimens has been examined in the laboratory but none has proved positive for influenza. Respiratory disease outbreaks have been noted in all parts of Florida in recent weeks. Symptoms consisting of headache, rhinitis, sore throat, and an occasional fever have been mild. Absenteeism in some schools has been reported to be about 5 to 10 percent of the enrollment. Specimens submitted to the PHS Virus and Rickettsial Laboratory, Montgomery, Alabama, early in December showed a rise in antibody titer to influenza B virus in 7 of 8 paired sera. The procedures included the complement fixation and hemagglutination tests. Since no isolations of virus from throat washings have been reported from Florida, and considering the general character of the outbreaks, the present occurrence of respiratory disease is not regarded as epidemic influenza.

EPIDEMIOLOGICAL REPORTS

Psittacosis

Dr. W. R. Giedt, Washington State Department of Health, reports 2 cases of psittacosis associated with parakeets. One patient gave a history of chronic asthma, and the date of onset could not be determined. This person had been associated with parakeets purchased locally. The diagnosis was confirmed by a complement fixation test. The other patient had purchased a parakeet from a local store, but the bird had been bought from a man who was on parole in Oregon for illegal importation of birds. Several birds from this source have been collected for laboratory tests, but no reports have been received as yet. The complement fixation test on a blood specimen from the patient was positive for psittacosis in a dilution of 1:64.

The California Department of Public Health reports 2 cases of psittacosis. One was in a man who buried a parakeet for a friend 2 weeks before the onset of his illness. He had no known contact with psittacine birds except this one which had died of a broken neck. Complement fixation titer rose from 1:128 to 1:512 on blood specimens collected from the patient. The other case was in a person who probably had contracted the disease from psittacine birds while on border patrol.

The Los Angeles County Health Department reports a case of psittacosis in a 61-year-old man who operates a private aviary as a hobby. He has 300 parakeets, 30 cockateels, and 30 finches. The complement fixation test of a blood specimen collected about a month after onset of illness was positive for psittacosis in a dilution of 1:256.

Dr. R. F. McAteer, Rhode Island Department of Health, reports that psittacosis virus has been isolated from a parakeet which was associated with 3 unconfirmed human cases of psittacosis.

Brucellosis

Dr. E. A. Rogers, Nebraska Department of Health, has supplied information on 29 delayed cases of brucellosis. They were reported by the clinic of a meat processing plant, and are the culmination of cases with onsets from February 4 through November 16.

Infectious hepatitis

The New York State Health Department reports 2 outbreaks of infectious hepatitis—1 in a school and 1 in an institution. The outbreak in the school began in pupils coming from the southern part of the school district. It spread among the pupils and neighboring households. There were many cases of which the origin could not be determined. The mother of the first patient is said to have had the disease in August. A total of 34 cases has been reported among pupils since September 15. One additional case has occurred in one of the teachers. Sixty cases have been reported in the institution since the first of the year. In October, gamma globulin was given to employees and patients in 4 buildings where the greatest concentration appeared. The disease is still present, but lack of the usual seasonal rise in incidence at this time of year indicates that the prophylaxis was of value.

Salmonellosis

The Los Angeles City Health Department reports an outbreak of salmonellosis among 105 persons. Of these, 32 became ill from 12 to 39 hours after eating turkey dinners. Six persons submitted stool specimens, of which 4 were positive for *Salmonella typhimurium*. A stool specimen from one of the food handlers yielded the same organism.

Gastro-enteritis

Dr. S. H. Osborne, Commissioner, Connecticut Department of Health, reports an outbreak of gastro-enteritis following a wedding reception. Of 80 persons who were served turkey dinners, about 50 became ill with abdominal pains and diarrhea from 9 to 15 hours later. The outbreak was not reported to the State health department for more than a week, and no food specimens were available and no stool specimens were collected for bacteriological examination. However, stool specimens were collected from the food handlers, and 1 was found to be positive for *Salmonella tennessee*.

Dr. Edward Lane, County Health Officer in New York State, reports an outbreak of gastro-enteritis among 116 patrons of a restaurant. Twenty persons were interviewed, but 3 refused to give food histories. Of the 17, 10 were ill. All had eaten turkey, but other foods were also eaten; and the vehicle of infection was not determined. A stool specimen from 1 patient was negative for pathogens.

The California Department of Public Health reports 3 out-

Morbidity and Mortality Weekly Report

breaks of gastro-enteritis involving 21 persons. Three persons became ill about 12 hours after eating turkey in a restaurant. In another restaurant 5 persons became ill about 4 hours after eating ham. No food was available at either restaurant for bacteriological examination. Thirteen of 20 persons who ate "chili rooster" at a private residence became ill from 3 to

12½ hours later. The roosters were purchased in the morning, cleaned, and set to boil at 1:00 p.m. They were boiled for 3 or 4 hours and taken out of the water to cool. Chili was added at 9:45 p.m. Laboratory examination of "chili rooster" revealed Streptococci.

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 | 51st WEEK | | | CUMULATIVE NUMBER | | | | | | Approximate seasonal low point |
|---|---------------------|---------------------|----------------|--------------------|---------|----------------|-------------------------|------------------|---------------------------|--------------------------------|
| | Ended Dec. 25, 1954 | Ended Dec. 26, 1953 | Median 1949-53 | First 51 weeks | | | Since seasonal low week | | | |
| | | | | 1954 | 1953 | Median 1949-53 | 1953-54 | 1952-53 | Median 1948-49 to 1952-53 | |
| Anthrax-----062 | - | - | 1 | 19 | 32 | 44 | (¹) | (¹) | (¹) | (¹) |
| Botulism-----049.1 | - | - | --- | 13 | 19 | --- | (¹) | (¹) | (¹) | (¹) |
| Brucellosis (undulant fever)-----044 | 28 | 17 | --- | ² 1,676 | 1,770 | --- | (¹) | (¹) | (¹) | (¹) |
| Diphtheria-----055 | 24 | 38 | 89 | 2,041 | 2,346 | 4,074 | 1,169 | 1,294 | 2,104 | July 1 |
| Encephalitis, infectious-----082 | 28 | 15 | 14 | 1,891 | 1,095 | 1,035 | (¹) | (¹) | (¹) | (¹) |
| Hepatitis, infectious, and serum-----092,N998.5 pt. | 632 | 651 | --- | 49,059 | 32,735 | --- | (¹) | (¹) | (¹) | (¹) |
| Malaria-----110-117 | 5 | 5 | --- | 704 | 1,426 | --- | (¹) | (¹) | (¹) | (¹) |
| Measles-----085 | 5,896 | 3,041 | 2,955 | 674,703 | 442,019 | 513,636 | 46,875 | 31,341 | 27,776 | Sept. 1 |
| Meningococcal infections-----057 | 49 | 74 | 61 | 4,036 | 4,894 | 4,037 | 1,020 | 1,229 | 1,118 | Sept. 1 |
| Poliomyelitis-----080 | 195 | 208 | 213 | 38,591 | 35,770 | 35,770 | 37,038 | 34,189 | 34,189 | Apr. 1 |
| Psittacosis-----096.2 | ³ 5 | - | --- | 445 | 54 | --- | (¹) | (¹) | (¹) | (¹) |
| Rabies in man-----094 | ⁴ 1 | - | --- | 9 | 13 | 13 | (¹) | (¹) | (¹) | (¹) |
| Rocky Mountain spotted fever-----104A | 2 | 2 | 2 | 291 | 297 | 333 | (¹) | (¹) | (¹) | (¹) |
| Scarlet fever and streptococcal sore throat-----050,051 | 2,269 | 2,150 | 1,244 | 142,995 | 131,144 | 72,891 | 35,254 | 31,537 | 15,711 | Aug. 1 |
| Smallpox-----084 | - | - | - | - | 4 | 17 | (¹) | (¹) | (¹) | (¹) |
| Trichinosis-----128 | 2 | 2 | --- | 250 | 368 | --- | (¹) | (¹) | (¹) | (¹) |
| Tularemia-----059 | 18 | 22 | 22 | 604 | 550 | 646 | (¹) | (¹) | (¹) | (¹) |
| Typhoid fever-----040 | 22 | 28 | 35 | 2,251 | 2,272 | 2,374 | 1,841 | 1,967 | 1,971 | Apr. 1 |
| Typhus fever, endemic-----101 | 3 | - | --- | 183 | 225 | --- | 149 | 185 | --- | Apr. 1 |
| Whooping cough-----056 | 1,087 | 617 | 963 | 59,895 | 36,311 | 66,668 | 16,134 | 9,092 | 13,397 | Oct. 1 |
| Rabies in animals----- | 88 | 94 | --- | ⁵ 6,645 | 7,278 | --- | (¹) | (¹) | (¹) | (¹) |

¹Information not available or frequencies are too small.

²Deduction: Nebraska, week ended December 11, 17 cases.

³Illinois and Minnesota, 2 cases each; Washington, 1 case.

⁴Reported in Alabama.

⁵Addition: Arkansas, week ended December 18, 6 cases.

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.

Morbidity and Mortality Weekly Report

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED DECEMBER 26, 1953, AND DECEMBER 25, 1954

(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 SEMUM (092, N998.5 pt.) | | MALARIA (110-117) | | | |
|---------------------------|---|------|---------------------|------|--------------------------------------|------|---|------|-----------------------|------|----------|------|
| | | | | | | | | | Civilian ¹ | | Military | |
| | 1954 | 1953 | 1954 | 1953 | 1954 | 1953 | 1954 | 1953 | 1954 | 1953 | 1954 | 1953 |
| CONT. UNITED STATES----- | 28 | 17 | 24 | 38 | 28 | 15 | 632 | 651 | 4 | 4 | 1 | 1 |
| NEW ENGLAND----- | 1 | 1 | 2 | 1 | - | - | 41 | 32 | - | - | - | - |
| Maine----- | - | - | - | - | - | - | 3 | 1 | - | - | - | - |
| New Hampshire----- | - | - | - | - | - | - | - | 2 | - | - | - | - |
| Vermont----- | - | - | - | - | - | - | 1 | 1 | - | - | - | - |
| Massachusetts----- | 1 | - | 2 | 1 | - | - | 17 | 27 | - | - | - | - |
| Rhode Island----- | - | - | - | - | - | - | 11 | - | - | - | - | - |
| Connecticut----- | - | 1 | - | - | - | - | 9 | 1 | - | - | - | - |
| MIDDLE ATLANTIC----- | 4 | - | - | 3 | 5 | 6 | 194 | 161 | - | - | - | 1 |
| New York----- | 3 | - | - | 1 | 5 | 6 | 122 | 117 | - | - | - | - |
| New Jersey----- | - | - | - | - | - | - | 10 | 10 | - | - | - | 1 |
| Pennsylvania----- | 1 | - | - | 2 | - | - | 62 | 34 | - | - | - | - |
| EAST NORTH CENTRAL----- | 4 | 7 | 3 | 3 | - | 2 | 89 | 115 | 1 | 1 | - | - |
| Ohio----- | - | - | 2 | - | - | - | 22 | 28 | 1 | - | - | - |
| Indiana----- | - | - | 1 | - | - | - | 2 | 16 | - | 1 | - | - |
| Illinois----- | - | 5 | - | 1 | - | 1 | 33 | 33 | - | - | - | - |
| Michigan----- | 2 | 2 | - | - | - | 1 | 24 | 25 | - | - | - | - |
| Wisconsin----- | 2 | - | - | 2 | - | - | 8 | 13 | - | - | - | - |
| WEST NORTH CENTRAL----- | 9 | 4 | 4 | 1 | 10 | 1 | 78 | 66 | - | - | - | - |
| Minnesota----- | 1 | 1 | 1 | - | - | - | 30 | 26 | - | - | - | - |
| Iowa----- | 4 | 3 | - | - | ³ 10 | - | 22 | 24 | - | - | - | - |
| Missouri----- | 1 | - | - | 1 | - | - | 3 | 13 | - | - | - | - |
| North Dakota----- | 1 | - | - | - | - | - | 14 | - | - | - | - | - |
| South Dakota----- | 2 | - | - | - | - | - | 2 | 2 | - | - | - | - |
| Nebraska----- | - | - | 3 | - | - | - | 1 | - | - | - | - | - |
| Kansas----- | - | - | - | - | - | 1 | 6 | 1 | - | - | - | - |
| SOUTH ATLANTIC----- | - | 2 | 5 | 11 | 3 | - | 41 | 95 | - | 1 | - | - |
| Delaware----- | - | - | - | - | - | - | - | 4 | - | - | - | - |
| Maryland----- | - | 1 | - | 1 | - | - | 4 | 16 | - | - | - | - |
| District of Columbia----- | - | - | - | - | - | - | - | 1 | - | - | - | - |
| Virginia----- | - | - | - | 7 | - | - | 28 | 52 | - | - | - | - |
| West Virginia----- | - | - | - | - | - | - | 3 | 8 | - | - | - | - |
| North Carolina----- | - | - | 1 | - | 3 | - | 6 | 9 | - | - | - | - |
| South Carolina----- | - | - | - | - | - | - | - | - | - | 1 | - | - |
| Georgia----- | - | - | - | - | - | - | - | 1 | - | - | - | - |
| Florida----- | - | 1 | 4 | 3 | - | - | - | 4 | - | - | - | - |
| EAST SOUTH CENTRAL----- | 4 | 2 | 3 | 5 | - | 1 | 22 | 45 | - | - | - | - |
| Kentucky----- | 3 | - | - | - | - | - | 5 | 6 | - | - | - | - |
| Tennessee----- | - | 1 | - | - | - | - | 11 | 22 | - | - | - | - |
| Alabama----- | - | - | 2 | 5 | - | 1 | 4 | 7 | - | - | - | - |
| Mississippi----- | 1 | 1 | 1 | - | - | - | 2 | 10 | - | - | - | - |
| WEST SOUTH CENTRAL----- | 1 | - | 4 | 10 | 1 | 3 | 14 | 21 | 3 | - | - | - |
| Arkansas----- | - | - | 1 | - | - | - | 1 | 3 | 1 | - | - | - |
| Louisiana----- | - | - | 1 | - | - | - | 2 | - | - | - | - | - |
| Oklahoma----- | 1 | - | 4 | - | - | - | 1 | 1 | - | - | - | - |
| Texas----- | - | - | 3 | 5 | 1 | 3 | 10 | 17 | 2 | - | - | - |
| MOUNTAIN----- | 3 | 1 | - | 2 | 1 | 2 | 65 | 32 | - | - | - | - |
| Montana----- | - | - | - | - | - | 1 | 4 | - | - | - | - | - |
| Idaho----- | - | 1 | - | - | - | 1 | 5 | 18 | - | - | - | - |
| Wyoming----- | - | - | - | - | 1 | - | 1 | 1 | - | - | - | - |
| Colorado----- | 3 | - | - | - | - | - | 10 | 7 | - | - | - | - |
| New Mexico----- | - | - | - | 1 | - | - | 27 | - | - | - | - | - |
| Arizona----- | - | - | - | - | - | - | 17 | 4 | - | - | - | - |
| Utah----- | - | - | - | 1 | - | - | 1 | 1 | - | - | - | - |
| Nevada----- | - | - | - | - | - | - | - | - | - | - | - | - |
| PACIFIC----- | 2 | - | 3 | 2 | 8 | - | 88 | 84 | - | 2 | 1 | - |
| Washington----- | - | - | - | 2 | - | - | 8 | 28 | - | - | - | - |
| Oregon----- | 1 | - | - | - | - | - | 21 | 26 | - | - | - | - |
| California----- | 1 | - | 3 | - | 8 | - | 58 | 30 | - | 2 | 1 | - |
| Alaska----- | - | - | - | - | - | - | 11 | - | - | - | - | - |
| Hawaii----- | - | - | - | - | - | - | - | - | - | - | - | - |
| Puerto Rico----- | - | - | 3 | 6 | - | - | 11 | - | - | - | - | - |

¹Includes cases not specified as civilian or military.

³Includes delayed cases.

Morbidity and Mortality Weekly Report

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED DECEMBER 26, 1953, AND DECEMBER 25, 1954—Continued

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

| AREA | MEASLES | | MENINGO-COCCAL INFECTIONS | | POLIOMYELITIS (080) | | | | | | ROCKY MOUNTAIN SPOTTED FEVER | |
|---------------------------|---------|-------|---------------------------|------|---------------------|------|-------------------------|------|----------------------|------|------------------------------|------|
| | (085) | | (057) | | Total ² | | Paralytic (080.0,080.1) | | Nonparalytic (080.2) | | (104A) | |
| | 1954 | 1953 | 1954 | 1953 | 1954 | 1953 | 1954 | 1953 | 1954 | 1953 | 1954 | 1953 |
| CONT. UNITED STATES----- | 5,896 | 3,041 | 49 | 74 | 195 | 208 | 61 | 86 | 39 | 46 | 2 | 2 |
| NEW ENGLAND----- | 2,460 | 51 | 1 | 2 | 11 | 8 | 6 | 4 | 3 | 1 | - | - |
| Maine----- | 82 | 28 | - | 1 | - | - | - | - | - | - | - | - |
| New Hampshire----- | 83 | 3 | 1 | - | - | 1 | - | - | - | - | - | - |
| Vermont----- | 82 | 6 | - | - | 9 | 1 | 5 | 1 | 3 | - | - | - |
| Massachusetts----- | 1,712 | 9 | - | 1 | 1 | 4 | - | 1 | - | 1 | - | - |
| Rhode Island----- | 152 | - | - | - | - | 1 | - | 1 | - | - | - | - |
| Connecticut----- | 349 | 5 | - | - | 1 | 1 | 1 | 1 | - | - | - | - |
| MIDDLE ATLANTIC----- | 1,069 | 410 | 10 | 11 | 34 | 15 | 9 | 5 | 4 | 2 | - | - |
| New York----- | 530 | 243 | 7 | 3 | 22 | 12 | 6 | 5 | 4 | 2 | - | - |
| New Jersey----- | 475 | - | 1 | 2 | 3 | 1 | 3 | - | - | - | - | - |
| Pennsylvania----- | 64 | 167 | 2 | 6 | 9 | 2 | - | - | - | - | - | - |
| EAST NORTH CENTRAL----- | 843 | 872 | 10 | 17 | 31 | 26 | 10 | 6 | 7 | 5 | - | - |
| Ohio----- | 72 | 175 | 3 | 9 | 13 | 6 | 3 | 1 | 1 | - | - | - |
| Indiana----- | 18 | 197 | 1 | 3 | 3 | 2 | 1 | - | - | - | - | - |
| Illinois----- | 115 | 154 | - | 2 | 3 | 5 | 2 | - | 1 | 1 | - | - |
| Michigan----- | 514 | 297 | 5 | 2 | 8 | 10 | 2 | 5 | 3 | 4 | - | - |
| Wisconsin----- | 124 | 49 | 1 | 1 | 4 | 3 | 2 | - | 2 | - | - | - |
| WEST NORTH CENTRAL----- | 360 | 108 | 3 | 10 | 50 | 34 | 2 | 13 | 4 | 4 | - | 1 |
| Minnesota----- | 228 | 4 | - | 3 | 2 | 5 | 2 | 1 | - | 2 | - | - |
| Iowa----- | 61 | 56 | - | - | 38 | 4 | 1 | - | 1 | 1 | - | - |
| Missouri----- | 32 | 6 | 2 | 6 | 1 | 13 | - | 8 | 1 | 1 | - | - |
| North Dakota----- | 28 | 34 | 1 | - | 2 | 2 | - | 1 | 1 | - | - | - |
| South Dakota----- | 3 | - | - | 1 | 1 | 7 | - | - | - | - | - | - |
| Nebraska----- | 2 | 3 | - | - | 3 | 1 | - | 1 | 2 | - | - | - |
| Kansas----- | 6 | 5 | - | - | 3 | 2 | - | 1 | - | - | - | 1 |
| SOUTH ATLANTIC----- | 222 | 248 | 4 | 12 | 8 | 27 | 5 | 15 | - | 2 | 2 | 1 |
| Delaware----- | - | - | - | - | - | - | - | - | - | - | - | - |
| Maryland----- | 9 | 82 | - | 4 | - | 3 | - | 3 | - | - | - | - |
| District of Columbia----- | 6 | - | - | - | - | - | - | - | - | - | - | - |
| Virginia----- | 97 | 47 | 2 | 3 | 1 | 2 | 1 | - | - | 2 | - | - |
| West Virginia----- | 78 | 19 | 1 | - | - | 2 | - | - | - | - | - | 1 |
| North Carolina----- | 4 | 44 | 1 | 1 | 2 | 2 | 2 | 1 | - | - | - | - |
| South Carolina----- | - | 18 | - | 3 | 1 | - | 1 | - | - | - | - | - |
| Georgia----- | 22 | 20 | - | 1 | 2 | 3 | 1 | 2 | - | - | 2 | - |
| Florida----- | 6 | 18 | - | - | 2 | 15 | - | 9 | - | - | - | - |
| EAST SOUTH CENTRAL----- | 101 | 248 | 4 | 9 | 8 | 6 | 3 | 2 | 4 | 1 | - | - |
| Kentucky----- | 25 | 163 | 2 | - | 5 | 1 | 2 | - | 3 | - | - | - |
| Tennessee----- | 67 | 22 | - | 4 | 2 | 3 | - | 2 | 1 | 1 | - | - |
| Alabama----- | 7 | 60 | 1 | 4 | - | 2 | - | - | - | - | - | - |
| Mississippi----- | 2 | 3 | 1 | 1 | 1 | - | 1 | - | - | - | - | - |
| WEST SOUTH CENTRAL----- | 228 | 300 | 9 | 7 | 16 | 19 | 7 | 6 | 4 | 5 | - | - |
| Arkansas----- | 3 | 23 | 2 | - | 6 | 1 | 4 | 1 | 2 | - | - | - |
| Louisiana----- | 2 | 5 | - | - | 1 | - | 1 | - | - | - | - | - |
| Oklahoma----- | 5 | 7 | 4 | - | 4 | 3 | - | - | - | - | - | - |
| Texas----- | 218 | 265 | 3 | 7 | 5 | 15 | 2 | 5 | 2 | 5 | - | - |
| MOUNTAIN----- | 192 | 323 | - | 1 | 6 | 10 | 3 | 2 | 1 | 1 | - | - |
| Montana----- | - | 69 | - | - | 2 | 1 | 2 | 1 | - | - | - | - |
| Idaho----- | 2 | 81 | - | - | - | - | - | - | - | - | - | - |
| Wyoming----- | - | 16 | - | - | 2 | - | 1 | - | 1 | - | - | - |
| Colorado----- | 3 | 40 | - | - | - | 2 | - | 1 | - | 1 | - | - |
| New Mexico----- | 71 | 24 | - | - | - | 1 | - | - | - | - | - | - |
| Arizona----- | 90 | 14 | - | 1 | 1 | 1 | - | - | - | - | - | - |
| Utah----- | 6 | 77 | - | - | 1 | 5 | - | - | - | - | - | - |
| Nevada----- | 20 | 2 | - | - | - | - | - | - | - | - | - | - |
| PACIFIC----- | 421 | 481 | 8 | 5 | 31 | 63 | 16 | 33 | 12 | 25 | - | - |
| Washington----- | 119 | 165 | - | 1 | 5 | 4 | 2 | - | 1 | - | - | - |
| Oregon----- | 34 | 31 | 3 | - | 6 | 4 | 3 | 2 | 2 | 1 | - | - |
| California----- | 268 | 285 | 5 | 4 | 20 | 55 | 11 | 31 | 9 | 24 | - | - |
| Alaska----- | 2 | 14 | - | - | - | - | - | - | - | - | - | - |
| Hawaii----- | 34 | 1 | - | - | - | 1 | - | 1 | - | - | - | - |
| Puerto Rico----- | 92 | 15 | - | - | 12 | - | 12 | - | - | - | - | - |

²Includes cases not specified by type, category number (080.3).³Includes delayed cases.

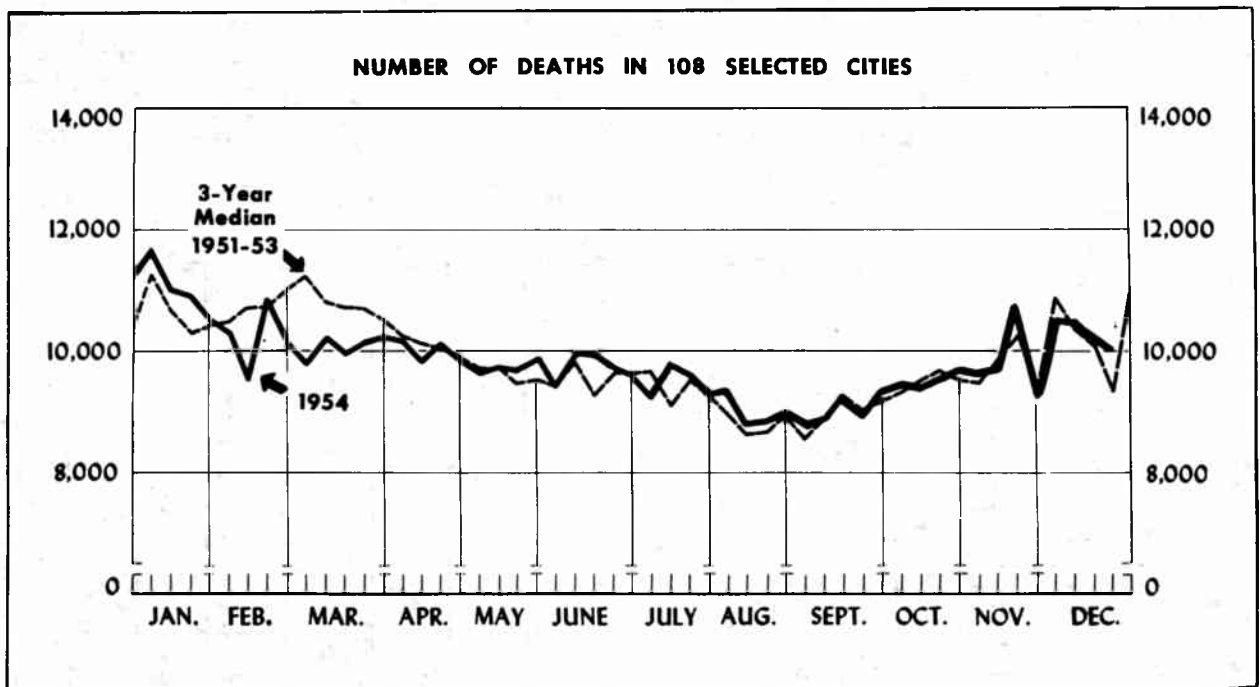
Morbidity and Mortality Weekly Report

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED DECEMBER 26, 1953, AND DECEMBER 25, 1954—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 | |
|---------------------------|--|-------|----------------------------|--------------------|------|---------------------------|------|--------------------------------------|----------------------------|------|----------------------|------|
| | 1954 | 1953 | 1954 | 1954 | 1953 | 1954 | 1953 | 1954 | 1954 | 1953 | 1954 | 1953 |
| CONT. UNITED STATES----- | 2,269 | 2,150 | 2 | 18 | 22 | 22 | 28 | 3 | 1,087 | 617 | 88 | 94 |
| NEW ENGLAND----- | 122 | 194 | 2 | 1 | - | - | - | - | 170 | 79 | - | - |
| Maine----- | 7 | 26 | - | - | - | - | - | - | 17 | 1 | - | - |
| New Hampshire----- | 4 | 49 | - | - | - | - | - | - | - | 7 | - | - |
| Vermont----- | 4 | 3 | - | - | - | - | - | - | - | 35 | - | - |
| Massachusetts----- | 86 | 84 | - | - | - | - | - | - | 72 | 26 | - | - |
| Rhode Island----- | 3 | 18 | 1 | - | - | - | - | - | 37 | 8 | - | - |
| Connecticut----- | 18 | 14 | 1 | 1 | - | - | - | - | 44 | 2 | - | - |
| MIDDLE ATLANTIC----- | 145 | 223 | - | - | - | 4 | 1 | - | 176 | 144 | 5 | 4 |
| New York----- | 77 | 99 | - | - | - | - | 1 | - | 44 | 74 | 5 | 4 |
| New Jersey----- | 24 | 21 | - | - | - | 1 | - | - | 29 | 22 | - | - |
| Pennsylvania----- | 44 | 103 | - | - | - | 3 | - | - | 103 | 48 | - | - |
| EAST NORTH CENTRAL----- | 318 | 467 | - | - | 3 | 1 | 1 | - | 251 | 147 | 9 | 10 |
| Ohio----- | 62 | 125 | - | - | 1 | - | 1 | - | 17 | 20 | 2 | 2 |
| Indiana----- | 102 | 39 | - | - | - | - | - | - | 17 | 10 | 5 | - |
| Illinois----- | 34 | 87 | - | - | 2 | 1 | - | - | 39 | 8 | - | 4 |
| Michigan----- | 59 | 105 | - | - | - | - | - | - | 111 | 70 | - | 4 |
| Wisconsin----- | 61 | 111 | - | - | - | - | - | - | 67 | 39 | 2 | - |
| WEST NORTH CENTRAL----- | 69 | 139 | - | - | 3 | 3 | 3 | - | 82 | 35 | 12 | 17 |
| Minnesota----- | 26 | 31 | - | - | - | - | - | - | 52 | 22 | 5 | 7 |
| Iowa----- | 14 | 36 | - | - | - | - | - | - | 4 | 4 | 4 | 1 |
| Missouri----- | 7 | 33 | - | - | 1 | - | 3 | - | 10 | 5 | 3 | 8 |
| North Dakota----- | 10 | 18 | - | - | - | - | - | - | 9 | - | - | 1 |
| South Dakota----- | 1 | - | - | - | - | - | - | - | - | 3 | - | - |
| Nebraska----- | 1 | 7 | - | - | - | - | - | - | - | - | - | - |
| Kansas----- | 10 | 14 | - | - | 2 | 3 | - | - | 7 | 1 | - | - |
| SOUTH ATLANTIC----- | 287 | 208 | - | 4 | 8 | 4 | 3 | - | 76 | 49 | 34 | 24 |
| Delaware----- | 6 | - | - | - | - | - | - | - | 2 | - | - | - |
| Maryland----- | 46 | 35 | - | - | - | - | - | - | 12 | 28 | - | 1 |
| District of Columbia----- | 4 | 5 | - | - | - | - | - | - | 5 | 1 | - | - |
| Virginia----- | 107 | 103 | 3 | 3 | 2 | 1 | - | - | 21 | 1 | 11 | 4 |
| West Virginia----- | 11 | 7 | - | - | - | - | - | - | 19 | 7 | 9 | 4 |
| North Carolina----- | 53 | 31 | - | - | 2 | 1 | - | - | 2 | 1 | 3 | 2 |
| South Carolina----- | 12 | 13 | - | - | 3 | - | - | - | 9 | 7 | 8 | 6 |
| Georgia----- | 42 | 8 | 1 | - | - | 1 | - | - | 1 | 3 | 3 | 6 |
| Florida----- | 6 | 6 | - | - | 1 | 1 | - | - | 5 | 1 | - | 1 |
| EAST SOUTH CENTRAL----- | 47 | 60 | - | 11 | 2 | - | 4 | - | 43 | 18 | 4 | 11 |
| Kentucky----- | 8 | 10 | - | 8 | 1 | - | - | - | 7 | 5 | - | 1 |
| Tennessee----- | 24 | 36 | 3 | 1 | - | - | 1 | - | 25 | 5 | 1 | 9 |
| Alabama----- | 12 | 9 | - | - | - | - | 3 | - | 4 | 4 | 2 | - |
| Mississippi----- | 3 | 5 | - | - | - | - | - | - | 7 | 4 | 1 | 1 |
| WEST SOUTH CENTRAL----- | 528 | 536 | - | 2 | 4 | 6 | 12 | 3 | 77 | 44 | 21 | 28 |
| Arkansas----- | 22 | 32 | - | 1 | - | 2 | - | - | 9 | 2 | 2 | 3 |
| Louisiana----- | 4 | 5 | - | - | - | - | 6 | - | - | - | - | 4 |
| Oklahoma----- | 17 | 22 | - | - | 3 | 2 | - | - | 4 | 3 | 1 | 1 |
| Texas----- | 485 | 477 | 1 | 1 | 2 | 6 | 3 | 64 | 39 | 18 | 18 | 20 |
| MOUNTAIN----- | 508 | 109 | - | - | 2 | 2 | 2 | - | 45 | 13 | 2 | - |
| Montana----- | 6 | 2 | - | - | - | 1 | - | - | 1 | 2 | - | - |
| Idaho----- | 12 | 18 | - | - | - | - | 1 | - | 13 | - | - | - |
| Wyoming----- | 144 | 22 | - | - | - | - | - | - | - | - | - | - |
| Colorado----- | 61 | 10 | - | - | - | - | - | - | - | 1 | - | - |
| New Mexico----- | 135 | 31 | - | - | - | 1 | - | - | 7 | 6 | - | - |
| Arizona----- | 125 | 18 | - | - | 2 | - | 1 | - | 21 | 4 | 2 | - |
| Utah----- | 24 | 5 | - | - | - | - | - | - | 3 | - | - | - |
| Nevada----- | 1 | 3 | - | - | - | - | - | - | - | - | - | - |
| PACIFIC----- | 245 | 214 | - | - | - | 2 | 2 | - | 167 | 88 | 1 | - |
| Washington----- | 61 | 49 | - | - | - | - | - | - | 31 | 40 | - | - |
| Oregon----- | 39 | 17 | - | - | - | 1 | 1 | - | 14 | 7 | - | - |
| California----- | 145 | 148 | - | - | - | 1 | 1 | - | 122 | 41 | 1 | - |
| Alaska----- | - | - | - | - | - | - | - | - | - | - | - | - |
| Hawaii----- | - | - | - | - | - | - | - | - | - | - | - | - |
| Puerto Rico----- | - | - | - | - | - | - | - | 49 | 12 | 2 | 1 | - |

*Report for November.



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 where 50 deaths are the weekly average, 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 | 51st week ended Dec. 25, 1954 | 50th week ended Dec. 18, 1954 | 51st week median 1951-53 | Percent change, median to current week | CUMULATIVE NUMBER FOR FIRST 51 WEEKS | | |
|-------------------------------------|-------------------------------|-------------------------------|--------------------------|--|--------------------------------------|---------|----------------|
| | | | | | 1954 | 1953 | Percent change |
| TOTAL: 102 REPORTING CITIES----- | 9,751 | 9,909 | 9,069 | +7.5 | 484,797 | 498,823 | -2.8 |
| New England----- (14 cities) | 716 | 707 | 636 | +12.6 | 33,363 | 33,857 | -1.5 |
| Middle Atlantic----- (16 cities) | 2,880 | 2,917 | 2,594 | +11.0 | 139,935 | 144,987 | -3.5 |
| East North Central----- (18 cities) | 2,304 | 2,246 | 2,128 | +8.3 | 109,354 | 112,903 | -3.1 |
| West North Central----- (8 cities) | 649 | 684 | 640 | +1.4 | 35,711 | 38,643 | -7.6 |
| South Atlantic----- (9 cities) | 755 | 800 | 785 | -3.8 | 38,060 | 39,198 | -2.9 |
| East South Central----- (7 cities) | 337 | 341 | 345 | -2.3 | 20,668 | 21,217 | -2.6 |
| West South Central----- (11 cities) | 632 | 706 | 589 | +7.3 | 35,057 | 34,819 | +0.7 |
| Mountain----- (7 cities) | 221 | 238 | 205 | +7.8 | 10,934 | 11,513 | -5.0 |
| Pacific----- (12 cities) | 1,257 | 1,270 | 1,167 | +7.7 | 61,715 | 61,686 | +0.0 |

Morbidity and Mortality Weekly Report

Table 4. DEATHS IN SELECTED CITIES FOR WEEK ENDED DECEMBER 25, 1954

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

| CITY | 51st week ended Dec. 25, 1954 | 50th week ended Dec. 18, 1954 | CUMULATIVE NUMBER FOR FIRST 51 WEEKS | | CITY | 51st week ended Dec. 25, 1954 | 50th week ended Dec. 18, 1954 | CUMULATIVE NUMBER FOR FIRST 51 WEEKS | |
|---------------------------|-------------------------------|-------------------------------|--------------------------------------|---------|--------------------------------|-------------------------------|-------------------------------|--------------------------------------|---------|
| | | | 1954 | 1953 | | | | 1954 | 1953 |
| NEW ENGLAND | | | | | WEST NORTH CENTRAL—Con. | | | | |
| Boston----- | 230 | 247 | 11,201 | 11,396 | St. Louis----- | 230 | 240 | 11,791 | 12,195 |
| Bridgeport----- | 35 | 36 | 1,766 | 1,728 | St. Paul----- | 74 | 58 | 3,248 | 3,215 |
| Cambridge----- | 37 | 30 | 1,385 | 1,394 | Wichita----- | 17 | 33 | 2,081 | 2,018 |
| Fall River----- | 36 | 34 | 1,364 | 1,436 | SOUTH ATLANTIC | | | | |
| Hartford----- | 60 | 45 | 2,366 | 2,311 | Atlanta----- | 108 | 103 | 5,270 | 5,267 |
| Lowell----- | 33 | 30 | 1,375 | 1,285 | Baltimore----- | 230 | 229 | 10,923 | 11,431 |
| Lynn----- | 20 | 26 | 1,086 | 1,128 | Charlotte----- | 8 | 26 | 1,481 | 1,429 |
| New Bedford----- | 26 | 25 | 1,147 | 1,158 | Jacksonville----- | (41) | (62) | (2,461) | --- |
| New Haven----- | 45 | 46 | 2,157 | 2,222 | Miami----- | 58 | 58 | 3,025 | 2,965 |
| Providence----- | 53 | 58 | 3,061 | 3,058 | Norfolk----- | 23 | 33 | 1,451 | 1,594 |
| Somerville----- | 18 | 18 | 738 | 760 | Richmond----- | 54 | 75 | 3,194 | 3,245 |
| Springfield, Mass.----- | 32 | 39 | 1,969 | 1,952 | Savannah----- | --- | (18) | --- | --- |
| Waterbury----- | 23 | 26 | 1,198 | 1,295 | Tampa----- | 52 | 43 | 2,647 | 2,670 |
| Worcester----- | 68 | 47 | 2,550 | 2,734 | Washington, D. C.----- | 192 | 201 | 8,432 | 8,924 |
| MIDDLE ATLANTIC | | | | | EAST SOUTH CENTRAL | | | | |
| Albany----- | 49 | 46 | 2,303 | 2,286 | Birmingham----- | 52 | 70 | 3,706 | 3,664 |
| Allentown----- | (33) | (48) | (1,700) | --- | Chattanooga----- | 23 | 38 | 2,154 | 2,287 |
| Buffalo----- | --- | --- | --- | (7,232) | Knoxville----- | 34 | 32 | 1,735 | 1,658 |
| Camden----- | 39 | 38 | 1,859 | 1,823 | Louisville----- | 78 | 79 | 5,285 | 5,345 |
| Elizabeth----- | 44 | 18 | 1,428 | 1,408 | Memphis----- | 97 | 56 | 4,837 | 5,306 |
| Erie----- | 43 | 30 | 1,695 | 1,739 | Mobile----- | 29 | 38 | 1,631 | 1,581 |
| Jersey City----- | 59 | 74 | 3,465 | 3,508 | Montgomery----- | 24 | 28 | 1,340 | 1,376 |
| Newark, N. J.----- | 92 | 108 | 4,941 | 5,271 | Nashville----- | --- | (49) | --- | (2,592) |
| New York City----- | 1,603 | 1,652 | 77,153 | 79,923 | WEST SOUTH CENTRAL | | | | |
| Paterson----- | 40 | 49 | 1,915 | 1,938 | Austin----- | 22 | 26 | 1,282 | 1,255 |
| Philadelphia----- | 463 | 428 | 23,240 | 24,506 | Baton Rouge----- | 14 | 22 | 1,095 | 839 |
| Pittsburgh----- | 173 | 175 | 8,149 | 8,622 | Corpus Christi----- | 8 | 28 | 885 | 824 |
| Reading----- | (21) | (25) | (1,039) | --- | Dallas----- | 86 | 96 | 5,003 | 4,834 |
| Rochester, N. Y.----- | 105 | 94 | 4,611 | 4,719 | El Paso----- | --- | (31) | --- | (1,452) |
| Schenectady----- | 36 | 29 | 1,245 | 1,178 | Fort Worth----- | --- | (57) | --- | (2,845) |
| Scranton----- | (31) | (34) | (1,718) | --- | Houston----- | 120 | 98 | 6,072 | 6,227 |
| Syracuse----- | 53 | 61 | 2,767 | 2,745 | Little Rock----- | 25 | 56 | 2,075 | 2,155 |
| Trenton----- | 40 | 51 | 2,279 | 2,384 | New Orleans----- | 145 | 150 | 7,517 | 7,978 |
| Utica----- | 25 | 30 | 1,513 | 1,582 | Oklahoma City----- | 45 | 60 | 2,949 | 2,712 |
| Yonkers----- | 16 | 34 | 1,372 | 1,355 | San Antonio----- | 96 | 100 | 3,972 | 4,065 |
| EAST NORTH CENTRAL | | | | | MOUNTAIN | | | | |
| Akron----- | 59 | 52 | 2,714 | 2,842 | Albuquerque----- | 28 | 44 | 1,379 | 1,359 |
| Canton----- | 25 | 27 | 1,412 | 1,432 | Colorado Springs----- | 12 | 16 | 616 | 651 |
| Chicago----- | 742 | 729 | 36,189 | 37,416 | Denver----- | 99 | 99 | 5,119 | 5,366 |
| Cincinnati----- | 123 | 118 | 7,002 | 7,531 | Ogden----- | 12 | 3 | 565 | 627 |
| Cleveland----- | 201 | 222 | 10,026 | 10,387 | Phoenix----- | 24 | 26 | 1,058 | 1,176 |
| Columbus----- | 90 | 118 | 5,087 | 5,226 | Pueblo----- | --- | (10) | --- | (690) |
| Dayton----- | 52 | 62 | 3,145 | 3,118 | Salt Lake City----- | 46 | 46 | 1,997 | 2,076 |
| Detroit----- | 391 | 326 | 15,662 | 16,089 | Tucson----- | --- | 4 | 200 | 258 |
| Evansville----- | 41 | 40 | 1,517 | 1,643 | PACIFIC | | | | |
| Flint----- | 37 | 29 | 1,875 | 1,836 | Berkeley----- | 19 | 14 | 882 | 877 |
| Fort Wayne----- | 35 | 38 | 1,338 | 1,554 | Long Beach----- | 56 | 51 | 2,457 | 2,322 |
| Gary----- | (33) | (21) | (1,318) | --- | Los Angeles----- | 429 | 467 | 22,007 | 22,118 |
| Grand Rapids----- | 52 | 38 | 2,011 | 1,973 | Oakland----- | 85 | 98 | 4,580 | 4,699 |
| Indianapolis----- | 118 | 116 | 5,585 | 5,643 | Pasadena----- | 32 | 28 | 1,676 | 1,727 |
| Milwaukee----- | 137 | 146 | 6,170 | 6,170 | Portland, Oreg.----- | 102 | 83 | 4,832 | 4,936 |
| Peoria----- | 28 | 22 | 1,487 | 1,571 | Sacramento----- | 46 | 59 | 2,340 | 2,359 |
| South Bend----- | 24 | 26 | 1,172 | 1,168 | San Diego----- | 59 | 62 | 3,621 | 3,586 |
| Toledo----- | 107 | 87 | 4,511 | 4,636 | San Francisco----- | 218 | 204 | 9,423 | 9,427 |
| Youngstown----- | 42 | 50 | 2,451 | 2,668 | Seattle----- | 127 | 127 | 6,069 | 5,861 |
| WEST NORTH CENTRAL | | | | | PACIFIC | | | | |
| Des Moines----- | 38 | 47 | 2,537 | 2,500 | San Diego----- | 59 | 62 | 3,621 | 3,586 |
| Duluth----- | 19 | 19 | 1,302 | 1,355 | San Francisco----- | 218 | 204 | 9,423 | 9,427 |
| Kansas City, Kans.----- | --- | --- | --- | (1,683) | Spokane----- | 56 | 34 | 2,248 | 2,128 |
| Kansas City, Mo.----- | 102 | 104 | 5,889 | 6,065 | Tacoma----- | 28 | 43 | 1,690 | 1,646 |
| Minneapolis----- | 113 | 112 | 5,776 | 6,390 | Honolulu----- | (35) | (24) | (1,693) | (1,603) |
| Omaha----- | 56 | 71 | 3,087 | 3,222 | | | | | |

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

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