

Morbidity and Mortality

Weekly
Report



FEDERAL SECURITY AGENCY Public Health Service

NATIONAL OFFICE OF VITAL STATISTICS

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Provisional Statistics for Specified Notifiable Diseases in the United States for Week Ended May 10, 1952

The incidence of poliomyelitis, except in Texas, has been below that for 1951 since the beginning of the new "disease year" which started with the week ended April 3. For the 5 weeks ended May 3, 241 cases were reported for the United States, exclusive of Texas, as compared with 274 for the same period last year. Texas reported 119 cases for the same 5-week period of 1952 as compared with 41 in 1951. More than three-fourths of the cases in recent weeks have occurred in the southern third of Texas, principally in the extreme southern and in the southeastern sections. The counties reporting the largest numbers of cases are Bexar, Harris, Nueces, Webb, and Jefferson in the southern part of the State, and Dallas and Tarrant in the northeastern section. Most of these also had relatively high rates of incidence in 1951.

For the current week, 101 cases of poliomyelitis were reported with 2 States missing, as compared with 93 for the previous week. Texas reported 35 and 40 cases, respectively, for the weeks ended May 10 and May 3.

EPIDEMIOLOGICAL REPORTS

Typhoid fever

Dr. J. R. McDowell, Colorado Department of Public Health, has reported 3 outbreaks of typhoid fever. The first outbreak consisted of 12 cases of which the first occurred in a 13-year old boy on February 13. Five other persons became ill between February 18 and 21, and an additional 3 on February 23. The dates of onset of the other cases were not stated. All patients were found to have positive Widal's which ranged from 1:80 to 1:320. All had eaten at a church supper on January 20 and the onset of symptoms varied from 12 to 29 days after the supper. Stool examinations were made of all who participated in serving the supper, and a 58-year old woman who assisted in the preparation of the salad was found to have the typhoid organism in her stools. She had no positive history of typhoid fever, but had an attack resembling the disease several years ago.

The second outbreak of 8 cases occurred simultaneously with that of the first, but no relation existed. Milk and water were suspected as the vehicles of infection. Samples of raw milk from the home were found to be safe but water samples from an open spring on two occasions revealed evidence of fecal contamination. Culture of specimens for *S. typhosa* was attempted by direct inoculation of bismuth sulfite media, but no positive isolations were obtained from this method.

The other outbreak was among 5 familial contacts. The family left Ohio the end of February with a sick 18-month old child. They arrived in Colorado March 15, and a diagnosis of typhoid fever was made on the child on April 7. *S. typhosa* was isolated on 2 adults on April 8 and on the other 2 on April 16. The possible vehicles of infection were raw milk, cistern water, and ice cream, but there was no positive evidence pointing to any one of these, and no chronic carrier was found as the source of infection.

Dr. A. M. Washburn, Arkansas Board of Health, reports that since 1938, when a "realistic" typhoid fever investigation and control program was instituted in the State, 110 chronic typhoid carriers have been registered. During approximately the same period the number of typhoid cases reported has de-

clined from 645 in 1937 to 82 in 1951.

First information on 1 carrier was obtained when the State Board of Health was notified by Illinois that a woman who had applied for work as a cook in an institution in the latter State and was identified as a carrier, had moved to Arkansas. This person, a 43-year old woman who had typhoid fever when 3 years old, was not immediately traced. It was found that she had moved to California where eventually she was discovered working in a food processing plant. Before restrictions could be applied, the woman returned to Arkansas to work in a food processing plant operated by the same firm who employed her in California. She was removed from her food handling occupation early this year. It was also found that she had been employed as a cook in a fraternity house at one time, but no outbreak of typhoid fever had been traced to her.

Another carrier discovered was an 82-year old woman who had had typhoid fever 50 years prior to the discovery of her carrier state. She was the source of infection of several children who had visited her and subsequently developed the disease. A public health nurse, who learned about typhoid fever cases in the family from a garage man servicing her car, realized the possible significance of the visits and subsequent cases of the disease, investigated and found the carrier.

Trichinosis

Dr. R. H. Heeren, Iowa State Department of Health, reports an outbreak of 15 cases of trichinosis during the period March 1-15. The vehicle of infection was uncooked homemade "liquid smoked" sausage. This sausage was prepared from raw unprocessed picnic ham and hamburger. The person who made the sausage did not become ill, but others who ate it were affected in varying degrees according to the amount of sausage eaten. Eosinophil counts were high in all cases. The precipitin test using live trichinae was weakly positive for the maker of the sausage and strongly positive for 11 others who were tested 4 weeks after the onset of illness.

Another case that has no contact with the above group was reported in a meat cutter in a locker plant. Diagnosis was made clinically with the precipitin test strongly positive 3 weeks after the illness.

Psittacosis

Dr. C. W. Meinershagen, Missouri Acting Director of Health, has received information that a parakeet, purchased in January by a Kansas resident from a Kansas City, Missouri, pet shop, developed clinical signs of psittacosis on April 14. A blood specimen obtained by a veterinarian in Kansas City, Missouri, was sent to the Virus Research Laboratory in Montgomery, Alabama, where the diagnosis of psittacosis was confirmed. It is reported that an adult woman and her son, in the household where the parakeet was taken, have been ill with a respiratory disease.

Dr. Morris Greenberg, New York City Department of Health, reports a case of psittacosis in a 40-year old woman who became ill with malaise, anorexia, fever, and cough which lasted several days. Specimens of blood from the patient showed definite rise in antibodies against psittacosis from 0 to 64 in a period of 2 weeks. The patient recovered.

The patient had purchased 2 parakeets, about a month before

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onset of illness, from a dealer who obtained the birds from Miami, Florida. One of the birds died about 4 days after onset of illness of patient, and the other remained alive and well. The organs of the dead bird are now being examined for virus.

Gastro-enteritis

Dr. W. A. Longshore, Jr., California Department of Health, reports an outbreak of gastro-enteritis in 2 fraternity houses to which food was served by one caterer. Of 51 persons eating the noon meal, 49 became ill 30 to 60 hours later. Tuna fish salad sandwiches were suspected as the vehicle of infection. Stool specimens showed no enteric pathogens. Four food handlers submitted specimens and laboratory findings were negative.

Dr. J. C. Ayres, Massachusetts Department of Public Health, reports that an outbreak of gastro-enteritis occurred on Sunday, March 23, following a banquet held on the previous day. The banquet was catered by a person who bought 10 frozen turkeys

on Wednesday and left them unrefrigerated in a back room of his home where the temperature was about 50° F. The turkeys were cooked on Friday, 2 at a time, and returned to the back room. The next day they were taken to the auditorium and carved several hours prior to the banquet. An estimate of 292 persons were exposed to the suspected vehicle, of which 52 developed diarrhea and cramps. The first case occurred on Sunday morning, March 23, but the Health Department was not notified until that evening. The only food served at the banquet that could be obtained was the gravy, canned peas, and a dixie cup of ice cream. The other food including the turkey was all consumed. Although many were not made ill by consumption of the turkey, it was the only food common to all those affected, except the gravy, which failed to show any presence of pathogenic organisms. Stool specimens from the caterer and 4 women who helped prepare the food also revealed no pathogenic organisms.

Table 1.—COMPARATIVE DATA FOR CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

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

| DISEASE | TOTAL FOR WEEK ENDED | | 5-year median 1947-51 | Approximate seasonal low week ended | CUMULATIVE TOTAL SINCE SEASONAL LOW WEEK | | 5-year median 1946-47 through 1950-51 | CUMULATIVE TOTAL FOR CALENDAR YEAR | | 5-year median 1947-51 |
|---|---------------------------|--------------|-----------------------|-------------------------------------|--|------------------|---------------------------------------|------------------------------------|------------------|-----------------------|
| | May 10, 1952 ¹ | May 12, 1951 | | | 1951-52 | 1950-51 | | 1952 | 1951 | |
| | Anthrax-----062 | - | | | 3 | 1 | | (²) | (²) | |
| Brucellosis (undulant fever)----044 | 38 | --- | --- | (²) | (²) | (²) | (²) | 700 | --- | --- |
| Diphtheria-----055 | 47 | 82 | 128 | July 1 | ³ 3,366 | 4,565 | 8,227 | ³ 1,185 | 1,597 | 3,016 |
| Encephalitis, acute infectious---082 | 30 | 15 | 13 | (²) | (²) | (²) | (²) | 461 | 290 | 171 |
| Hepatitis, infectious, and serum-----092,N99B.5 pt. | 172 | --- | --- | (²) | (²) | (²) | (²) | 7,458 | --- | --- |
| Malaria-----110-117 | 101 | --- | --- | (²) | (²) | (²) | (²) | 817 | --- | --- |
| Measles-----085 | 28,756 | 24,190 | 24,190 | Sept. 1 | ³ 533,336 | 346,952 | 346,952 | ³ 481,159 | 318,251 | 318,251 |
| Meningococcal infections-----057 | 89 | 77 | 75 | Sept. 1 | 3,570 | 3,019 | 2,744 | 2,415 | 1,976 | 1,674 |
| Polioomyelitis, acute-----080 | 101 | 70 | 84 | Apr. 1 | 461 | 395 | 395 | 1,781 | 1,693 | 1,347 |
| Rocky Mountain spotted fever---104A | 9 | 6 | 7 | (²) | (²) | (²) | (²) | 23 | 19 | 29 |
| Scarlet fever and streptococcal sore throat-----050,051 | 2,626 | 1,772 | 1,772 | Aug. 1 | 74,963 | 58,228 | 64,574 | 59,052 | 42,285 | 42,922 |
| Trichiniasis-----128 | 14 | --- | --- | (²) | (²) | (²) | (²) | 125 | --- | --- |
| Tularemia-----059 | 10 | 14 | 16 | (²) | (²) | (²) | (²) | 259 | 264 | 387 |
| Typhoid fever-----040 | 31 | 32 | 45 | Apr. 1 | 167 | 171 | 229 | 566 | 563 | 680 |
| Typhus fever, endemic-----101 | 7 | --- | --- | Apr. 1 | 22 | --- | --- | 52 | --- | --- |
| Whooping cough-----056 | 1,145 | 1,662 | 1,891 | Oct. 1 | ³ 35,214 | 50,783 | 71,513 | ³ 21,029 | 29,170 | 40,341 |
| Rabies in animals----- | 172 | 191 | --- | (²) | (²) | (²) | (²) | ³ 3,480 | 2,902 | --- |

¹Smallpox; Arizona, 2 cases. Reports were not received from Maine and New Hampshire.

²Not computed.

³Additions: Arkansas, week ended February 18, diphtheria, 1 case, rabies in animals, 7; week ended March 29, measles, 2, whooping cough, 3; and week ended April 19, measles, 13, rabies in animals, 6. Deduction: Arkansas, week ended April 12, measles 33.

NOTE.—Cases of specified notifiable diseases occurring in outlying possessions for current week (corresponding week of 1951 shown in parentheses) follow:

Alaska: Measles, 1 (-); scarlet fever, 7 (1).

Hawaii: Measles, 98 (12); poliomyelitis, 2 (-); scarlet fever, 2; hepatitis, infectious and serum, 4; malaria, 1. Correction in vol. 2, No. 52, for week ended December 29, 27 cases of acute infectious encephalitis were erroneously reported.

Puerto Rico: Diphtheria, 10 (3); measles, 25 (60); poliomyelitis, 1 (-); scarlet fever, 1(-); typhoid fever, 1 (4); whooping cough, 23 (10).

SOURCE AND NATURE OF DATA

These provisional data are based on reports from State and territorial health departments to the Public Health Service. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday.

When the diseases with low frequencies (botulism, cholera, dengue, plague, rabies in man, smallpox, typhus fever—epidemic, and yellow fever) are reported, they will be noted under the table above.

Symbols.—1 dash [-]: no cases reported; asterisk [*]: disease stated not notifiable; parentheses, [()]: data not included in total; 3 dashes [---]: data not available.

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**Table 2.—CASES OF SPECIFIED DISEASES WITH COMPARATIVE DATA: UNITED STATES,
EACH DIVISION AND STATE FOR WEEK ENDED MAY 10, 1952**

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

| AREA | DIPHTHERIA (055) | | MEASLES (085) | | MENINGOCOCCAL INFECTIONS (057) | | POLIOMYELITIS, ACUTE (080) | | SCARLET FEVER AND STREPTOCOCCAL SORE THROAT (050,051) | | TYPHOID FEVER (040) | |
|---------------------------|---------------------|--------------------|--------------------|--------------------|--------------------------------------|--------------------|----------------------------------|--------------------|--|--------------------|---------------------------|--------------------|
| | Week ended | | Week ended | | Week ended | | Week ended | | Week ended | | Week ended | |
| | May 10, 1952 | May 12, 1951 | May 10, 1952 | May 12, 1951 | May 10, 1952 | May 12, 1951 | May 10, 1952 | May 12, 1951 | May 10, 1952 | May 12, 1951 | May 10, 1952 | May 12, 1951 |
| UNITED STATES----- | 47 | 82 | 28,756 | 24,190 | 89 | 77 | 101 | 70 | 2,626 | 1,772 | 31 | 32 |
| NEW ENGLAND----- | 2 | 2 | 2,895 | 836 | - | 5 | - | - | 134 | 185 | - | - |
| Maine----- | - | 1 | - | 47 | - | - | - | - | - | 23 | - | - |
| New Hampshire----- | - | - | - | 9 | - | - | - | - | - | - | - | - |
| Vermont----- | - | - | 153 | 76 | - | - | - | - | 8 | 2 | - | - |
| Massachusetts----- | 2 | 1 | 1,572 | 459 | - | 5 | - | - | 63 | 112 | - | - |
| Rhode Island----- | - | - | 120 | 5 | - | - | - | - | 9 | 11 | - | - |
| Connecticut----- | - | - | 1,050 | 240 | - | - | - | - | 54 | 17 | - | - |
| MIDDLE ATLANTIC----- | 3 | 6 | 8,991 | 4,061 | 12 | 6 | 7 | 9 | 797 | 305 | 3 | 3 |
| New York----- | 1 | 1 | 3,766 | 1,733 | 7 | 3 | 5 | 8 | 563 | 172 | 1 | - |
| New Jersey----- | - | 1 | 4,109 | 704 | 2 | 1 | - | - | 135 | 41 | - | 1 |
| Pennsylvania----- | 2 | 4 | 1,116 | 1,624 | 3 | 2 | 2 | - | 99 | 92 | 2 | 2 |
| EAST NORTH CENTRAL----- | 2 | 12 | 7,118 | 4,089 | 14 | 18 | 11 | 8 | 617 | 600 | 5 | 7 |
| Ohio----- | - | - | 888 | 685 | 3 | 6 | 2 | - | 173 | 184 | 3 | 1 |
| Indiana----- | 1 | 4 | 434 | 255 | 3 | - | 2 | - | 32 | 42 | - | 1 |
| Illinois----- | - | 7 | 1,620 | 630 | 6 | 7 | 3 | 3 | 106 | 49 | - | 4 |
| Michigan----- | - | 1 | 1,712 | 655 | 1 | 1 | 2 | 2 | 251 | 333 | 1 | 1 |
| Wisconsin----- | 1 | - | 2,464 | 1,864 | 1 | 4 | 2 | 3 | 55 | 52 | 1 | - |
| WEST NORTH CENTRAL----- | 5 | 2 | 1,058 | 1,400 | 3 | 8 | 7 | 2 | 92 | 74 | 1 | 2 |
| Minnesota----- | 3 | - | 159 | 104 | - | 2 | - | - | 41 | 15 | - | 1 |
| Iowa----- | - | 1 | 132 | 290 | 1 | 3 | 4 | 1 | 17 | 5 | 1 | - |
| Missouri----- | 1 | - | 39 | 221 | 2 | 3 | 1 | - | 13 | 24 | - | 1 |
| North Dakota----- | - | - | 207 | 64 | - | - | - | - | 7 | 2 | - | - |
| South Dakota----- | - | - | 18 | 28 | - | - | 1 | 1 | - | 2 | - | - |
| Nebraska----- | - | - | 242 | 41 | - | - | 1 | - | 3 | 4 | - | - |
| Kansas----- | 1 | 1 | 261 | 652 | - | - | - | - | 11 | 22 | - | - |
| SOUTH ATLANTIC----- | 10 | 24 | 2,397 | 1,856 | 27 | 14 | 7 | 9 | 224 | 109 | 3 | 7 |
| Delaware----- | - | - | 18 | 17 | - | - | - | - | 2 | 1 | 1 | - |
| Maryland----- | - | - | 199 | 221 | 3 | - | - | - | 36 | 19 | - | - |
| District of Columbia----- | - | - | 58 | 63 | 1 | - | - | - | 10 | 7 | 1 | - |
| Virginia----- | 1 | 5 | 684 | 756 | 6 | 8 | 1 | 1 | 104 | 14 | - | - |
| West Virginia----- | 1 | 4 | 155 | 188 | - | 1 | 4 | 1 | 5 | 23 | - | - |
| North Carolina----- | 3 | 9 | 351 | 172 | 11 | - | 1 | 1 | 24 | 31 | - | 3 |
| South Carolina----- | 5 | 4 | 130 | 47 | 2 | 1 | - | - | 1 | 3 | - | - |
| Georgia----- | - | - | 587 | 226 | 2 | 4 | - | 1 | 31 | - | 1 | 4 |
| Florida----- | - | 2 | 217 | 186 | 2 | - | 1 | 5 | 11 | 11 | - | - |
| EAST SOUTH CENTRAL----- | 3 | 5 | 1,366 | 746 | 9 | 4 | 5 | 6 | 45 | 29 | 6 | 5 |
| Kentucky----- | - | 1 | 430 | 316 | 3 | 1 | - | 2 | 3 | 12 | 4 | 3 |
| Tennessee----- | 1 | 2 | 362 | 115 | - | 2 | - | - | 33 | 7 | 2 | 1 |
| Alabama----- | - | 1 | 526 | 281 | 3 | 1 | 1 | 2 | 8 | 8 | - | 1 |
| Mississippi----- | 2 | 1 | 29 | 34 | 3 | - | 4 | 2 | 1 | 1 | - | - |
| WEST SOUTH CENTRAL----- | 14 | 10 | 2,066 | 4,043 | 8 | 11 | 38 | 20 | 206 | 79 | 9 | 4 |
| Arkansas----- | - | - | 344 | 333 | - | 1 | - | 1 | 24 | 2 | - | 2 |
| Louisiana----- | 1 | - | 15 | 50 | 1 | 1 | 3 | 6 | 7 | 5 | - | 1 |
| Oklahoma----- | 1 | 3 | 103 | 477 | - | - | - | - | 13 | 16 | 1 | - |
| Texas----- | 12 | 7 | 1,604 | 3,183 | 7 | 9 | 35 | 13 | 162 | 56 | 8 | 1 |
| MOUNTAIN----- | - | 13 | 914 | 1,489 | 1 | 3 | 7 | 6 | 331 | 109 | 2 | - |
| Montana----- | - | - | 63 | 72 | - | - | - | 2 | 12 | - | - | - |
| Idaho----- | - | - | 40 | 145 | - | 1 | 1 | - | 8 | 22 | - | - |
| Wyoming----- | - | - | 33 | 308 | - | - | - | - | 67 | 1 | - | - |
| Colorado----- | - | 11 | 330 | 253 | 1 | - | 1 | 1 | 12 | 11 | 1 | - |
| New Mexico----- | - | 1 | 28 | 144 | - | - | 1 | - | 15 | - | 1 | - |
| Arizona----- | - | 1 | 116 | 510 | - | 2 | 1 | 3 | 125 | 16 | - | - |
| Utah----- | - | - | 250 | 54 | - | - | 3 | - | 88 | 59 | - | - |
| Nevada----- | - | - | 54 | 3 | - | - | - | - | 4 | - | - | - |
| PACIFIC----- | 8 | 8 | 1,951 | 5,670 | 15 | 8 | 19 | 10 | 180 | 303 | 2 | 4 |
| Washington----- | - | - | 251 | 1,258 | 2 | 3 | 2 | 3 | 35 | 33 | - | - |
| Oregon----- | - | 2 | 93 | 585 | 2 | - | - | - | 19 | 35 | - | - |
| California----- | 8 | 6 | 1,607 | 3,827 | 11 | 5 | 17 | 7 | 126 | 235 | 2 | 4 |

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Table 2.—CASES OF SPECIFIED DISEASES WITH COMPARATIVE DATA: UNITED STATES, EACH DIVISION AND STATE FOR WEEK ENDED MAY 10, 1952—Continued

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

| AREA | WHOOPING COUGH (056) | | Botulism (049.1) | Brucellosis (undulant fever) (044) | Encephalitis, acute infectious (082) | Hepatitis, infectious, and serum (092, H998.5 pt.) | Malaria (110-117) | Rocky Mountain spotted fever (104A) | Smallpox (084) | Trichiniasis (128) | Tularemia (059) | Typhus fever, endemic (101) | Rabies in animals |
|-------------------------|-------------------------|--------------------|---------------------|---------------------------------------|---|--|-------------------|--|----------------|--------------------|-----------------|--------------------------------|-------------------|
| | Week ended | | | | | | | | | | | | |
| | May 10, 1952 | May 12, 1951 | | | | | | | | | | | |
| UNITED STATES----- | 1,145 | 1,662 | - | 38 | 30 | 172 | 101 | 9 | 2 | 14 | 10 | 7 | 172 |
| NEW ENGLAND----- | 34 | 76 | - | 2 | 2 | 6 | 1 | - | - | - | - | - | - |
| Maine----- | - | 33 | - | - | - | - | - | - | - | - | - | - | - |
| New Hampshire----- | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Vermont----- | 1 | - | - | 1 | - | - | - | - | - | - | - | - | - |
| Massachusetts----- | 29 | 36 | - | 1 | 1 | 6 | 1 | - | - | - | - | - | - |
| Rhode Island----- | - | 3 | - | - | - | - | - | - | - | - | - | - | - |
| Connecticut----- | 4 | 4 | - | - | 1 | - | - | - | - | - | - | - | - |
| MIDDLE ATLANTIC----- | 155 | 181 | - | 1 | 15 | 28 | 8 | - | - | 10 | - | - | 12 |
| New York----- | 70 | 59 | - | - | 12 | 14 | 3 | - | - | 8 | - | - | - |
| New Jersey----- | 38 | 47 | - | - | 3 | - | 1 | - | - | 1 | - | - | - |
| Pennsylvania----- | 47 | 75 | - | 1 | - | 12 | 2 | - | - | 1 | - | - | 12 |
| EAST NORTH CENTRAL----- | 167 | 166 | - | 10 | 6 | 20 | 4 | - | - | 3 | - | - | 37 |
| Ohio----- | 26 | 27 | - | - | - | 1 | - | - | - | - | - | - | 5 |
| Indiana----- | 4 | 33 | - | - | - | 6 | 1 | - | - | - | - | - | 6 |
| Illinois----- | 14 | 9 | - | 4 | 2 | 4 | - | - | - | 3 | - | - | 13 |
| Michigan----- | 55 | 56 | - | - | 3 | 6 | 1 | - | - | - | - | - | 2 |
| Wisconsin----- | 66 | 41 | - | 6 | 1 | 3 | 2 | - | - | - | - | - | 11 |
| WEST NORTH CENTRAL----- | 35 | 60 | - | 10 | - | 23 | 7 | - | - | - | 2 | - | 24 |
| Minnesota----- | 1 | 12 | - | 4 | - | 3 | 5 | - | - | - | 1 | - | 3 |
| Iowa----- | - | 7 | - | 6 | - | 8 | - | - | - | - | - | - | 14 |
| Missouri----- | 4 | 8 | - | - | - | 7 | 2 | - | - | - | 1 | - | 5 |
| North Dakota----- | 5 | 28 | - | - | - | 5 | - | - | - | - | - | - | - |
| South Dakota----- | - | 4 | - | - | - | - | - | - | - | - | - | - | - |
| Nebraska----- | 12 | 2 | - | - | - | - | - | - | - | - | - | - | - |
| Kansas----- | 13 | 19 | - | - | - | - | - | - | - | - | - | - | 2 |
| SOUTH ATLANTIC----- | 125 | 195 | - | 4 | 2 | 46 | 27 | - | - | 1 | 1 | - | 27 |
| Delaware----- | - | 2 | - | - | - | - | - | - | - | - | - | - | - |
| Maryland----- | 5 | 12 | - | 1 | - | 6 | - | - | - | - | - | - | - |
| District of Columbia--- | 1 | 3 | - | - | - | - | - | - | - | - | - | - | - |
| Virginia----- | 31 | 54 | - | - | 2 | 6 | 5 | - | - | * | 1 | - | 11 |
| West Virginia----- | 52 | - | - | - | - | 2 | - | - | - | - | - | - | - |
| North Carolina----- | 25 | 53 | - | - | - | 12 | 4 | - | - | - | - | - | 2 |
| South Carolina----- | - | 4 | - | - | - | - | - | - | - | - | - | - | 2 |
| Georgia----- | 8 | 29 | - | 2 | - | 15 | 12 | - | - | 1 | - | - | 12 |
| Florida----- | 3 | 38 | - | 1 | - | 5 | 6 | - | - | - | - | - | - |
| EAST SOUTH CENTRAL----- | 40 | 122 | - | 6 | - | 21 | 21 | 1 | - | - | 3 | 1 | 40 |
| Kentucky----- | 4 | 15 | - | - | - | 3 | 19 | - | - | - | 1 | - | 14 |
| Tennessee----- | 21 | 18 | - | 3 | - | 8 | 1 | 1 | - | - | - | - | 12 |
| Alabama----- | 9 | 52 | - | 1 | - | 8 | - | - | - | * | 2 | - | 8 |
| Mississippi----- | 6 | 37 | - | 2 | - | 2 | 1 | - | - | * | - | 1 | 6 |
| WEST SOUTH CENTRAL----- | 411 | 434 | - | 4 | 5 | 2 | 22 | - | - | - | 3 | 6 | 29 |
| Arkansas----- | 10 | 72 | - | - | - | - | 5 | - | - | - | - | - | 6 |
| Louisiana----- | 5 | 3 | - | 1 | - | - | - | - | - | - | 2 | - | - |
| Oklahoma----- | 13 | 16 | - | 1 | - | - | 1 | - | - | - | - | - | 3 |
| Texas----- | 383 | 343 | - | 2 | 5 | 2 | 16 | - | - | * | 1 | 6 | 20 |
| MOUNTAIN----- | 75 | 327 | - | - | - | 8 | 3 | 7 | 2 | - | 1 | - | - |
| Montana----- | 8 | 8 | - | - | - | 1 | 1 | - | - | - | 1 | - | - |
| Idaho----- | 9 | 3 | - | - | - | - | - | 3 | - | - | - | - | - |
| Wyoming----- | - | 206 | - | - | - | - | - | 3 | - | - | - | - | - |
| Colorado----- | 20 | 39 | - | - | - | 2 | 1 | 1 | - | - | - | - | - |
| New Mexico----- | 2 | 21 | - | - | - | 1 | - | - | - | - | - | - | - |
| Arizona----- | 36 | 42 | - | - | - | 2 | 1 | - | 2 | - | - | - | - |
| Utah----- | - | 4 | - | - | - | 2 | - | - | - | - | - | - | - |
| Nevada----- | - | 4 | - | - | - | - | - | - | - | - | - | - | - |
| PACIFIC----- | 103 | 81 | - | 1 | - | 20 | 10 | 1 | - | - | - | - | 3 |
| Washington----- | 1 | 15 | - | 1 | - | 1 | - | - | - | - | - | - | - |
| Oregon----- | 7 | 6 | - | - | - | 7 | - | 1 | - | - | - | - | - |
| California----- | 95 | 60 | - | - | - | 12 | 10 | - | - | - | - | - | 3 |

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**Table 3.—CASES OF SPECIFIED DISEASES: SELECTED CITIES FOR WEEK ENDED
MAY 10, 1952**

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

| AREA | Brucellosis (undulant fever) (044) | Diphtheria (055) | Encephalitis, acute infectious (082) | Hepatitis, infectious, and serum (092, N998.5 pt.) | Measles (085) | Meningococcal infections (057) | Polioomyelitis, acute (080) | Rocky Mountain spotted fever (104A) | Scarlet fever and streptococcal sore throat (050,051) | Trichiniasis (128) | Tularemia (059) | Typhoid fever (040) | Typhus fever, endemic (101) | Whooping cough (056) | Rabies in animals |
|---------------------------|------------------------------------|------------------|--------------------------------------|--|---------------|--------------------------------|-----------------------------|-------------------------------------|---|--------------------|-----------------|---------------------|-----------------------------|----------------------|-------------------|
| TOTAL: 92 cities-- | 4 | 6 | 18 | 39 | 7,716 | 28 | 17 | - | 643 | 9 | 1 | 6 | - | 146 | 22 |
| NEW ENGLAND | | | | | | | | | | | | | | | |
| Boston----- | | 1 | | 1 | 130 | | | | 17 | | | | | | 7 |
| Bridgeport----- | | | | | | | | | | | | | | | |
| Cambridge----- | | | | | 33 | | | | 1 | | | | | | 1 |
| Fall River----- | | | | | 20 | | | | | | | | | | 2 |
| Hartford----- | | | | | | | | | | | | | | | |
| Lowell----- | | | | | 4 | | | | | | | | | | |
| Lynn----- | | | | | 16 | | | | 4 | | | | | | |
| New Bedford----- | | | | | 137 | | | | | | | | | | |
| New Haven----- | | | | | 57 | | | | 1 | | | | | | |
| Portland, Me.----- | | | | | 46 | | | | 1 | | | | | | |
| Providence----- | | | | | 53 | | | | 6 | | | | | | |
| Somerville----- | | | | | 9 | | | | | | | | | | |
| Springfield, Mass.----- | | | | | 11 | | | | | | | | | | 5 |
| Waterbury----- | | | | | 14 | | | | 7 | | | | | | |
| Worcester----- | | | | | 52 | | | | 2 | | | | | | 1 |
| MIDDLE ATLANTIC | | | | | | | | | | | | | | | |
| Albany----- | | | | | | | | | | | | | | | |
| Buffalo----- | | | | | | | | | | | | | | | |
| Camden----- | | | | | 6 | | | | | | | | | | |
| Elizabeth----- | | | | | 125 | | | | 3 | | | | | | |
| Eric----- | | | | | 86 | | | | 5 | | | | | | |
| Jersey City----- | | | | | 160 | | | | 8 | | | | | | 3 |
| Newark, N. J.----- | | | | | 406 | 1 | | | 4 | 1 | | | | | 3 |
| New York City----- | | 1 | 10 | 1 | 1,299 | 4 | 1 | | 147 | 5 | | | | | 16 |
| Paterston----- | | | | | 120 | | | | 16 | | | | | | |
| Philadelphia----- | 1 | | | 9 | 240 | 1 | | | 21 | | | | | | 7 |
| Pittsburgh----- | | | | | 19 | 1 | 1 | | 11 | | | | | | 8 |
| Reading----- | | | | | 26 | | | | 3 | | | | | | |
| Rochester, N. Y.----- | | | | | | | | | | | | | | | |
| Schenectady----- | | | | | | | | | | | | | | | |
| Syracuse----- | | | | | | | | | | | | | | | |
| Trenton----- | | | 1 | | 85 | | | | | | | 1 | | | 2 |
| Utica----- | | | | | | | | | | | | | | | |
| Yonkers----- | | | | | | | | | | | | | | | |
| EAST NORTH CENTRAL | | | | | | | | | | | | | | | |
| Akron----- | | | | | | | | | | | | | | | |
| Canton----- | | | | | 8 | | | | | | | | | | |
| Chicago----- | 1 | | 1 | | 651 | 4 | | | 36 | 3 | | | | | 9 |
| Cincinnati----- | | | | | 47 | 6 | | | 14 | | | | | | 1 |
| Cleveland----- | | | | | 261 | 3 | | | 35 | | | | | | 16 |
| Columbus----- | | | | | 31 | | | | 5 | | | | | | 3 |
| Dayton----- | | | | | | | | | | | | | | | |
| Detroit----- | | | 1 | 1 | 353 | | | | 50 | | | 2 | | | 3 |
| Evansville----- | | | | | 15 | | | | 1 | | | | | | 1 |
| Flint----- | | | | | 5 | | | | 5 | | | | | | |
| Fort Wayne----- | | | | | | | | | 2 | | | | | | |
| Grand Rapids----- | | | | | 75 | | | | 5 | | | | | | |
| Indianapolis----- | | | | | 170 | | | | 9 | | | | | | |
| Milwaukee----- | | | | | | | | | | | | | | | |
| Peoria----- | | | 1 | | 6 | 1 | | | 1 | | | | | | |
| South Bend----- | | | | | 1 | | | | 1 | | | | | | |
| Toledo----- | | | | | | | | | | | | | | | |
| Youngstown----- | | | | | 29 | | | | 4 | | | | | | |
| WEST NORTH CENTRAL | | | | | | | | | | | | | | | |
| Des Moines----- | | | | 1 | 3 | | | | 1 | | | | | | |
| Duluth----- | | | | | | | | | 1 | | | | | | |
| Kansas City, Kans.----- | | | | | | | | | | | | | | | |
| Kansas City, Mo.----- | | | | 3 | 68 | | | | 3 | | | | | | 4 |
| Minneapolis----- | | 1 | | 3 | 132 | | | | 13 | | | | | | |
| Omaha----- | | | | | 14 | | | | 1 | | | | | | |
| St. Louis----- | 1 | | | | 14 | 1 | | | 5 | | 1 | | | | 1 |
| St. Paul----- | 1 | | | | 19 | | | | 9 | | | | | | |
| Wichita----- | | | | | 909 | | | | 4 | | | | | | |

Weekly Morbidity Report

Table 3.—CASES OF SPECIFIED DISEASES: SELECTED CITIES FOR WEEK ENDED

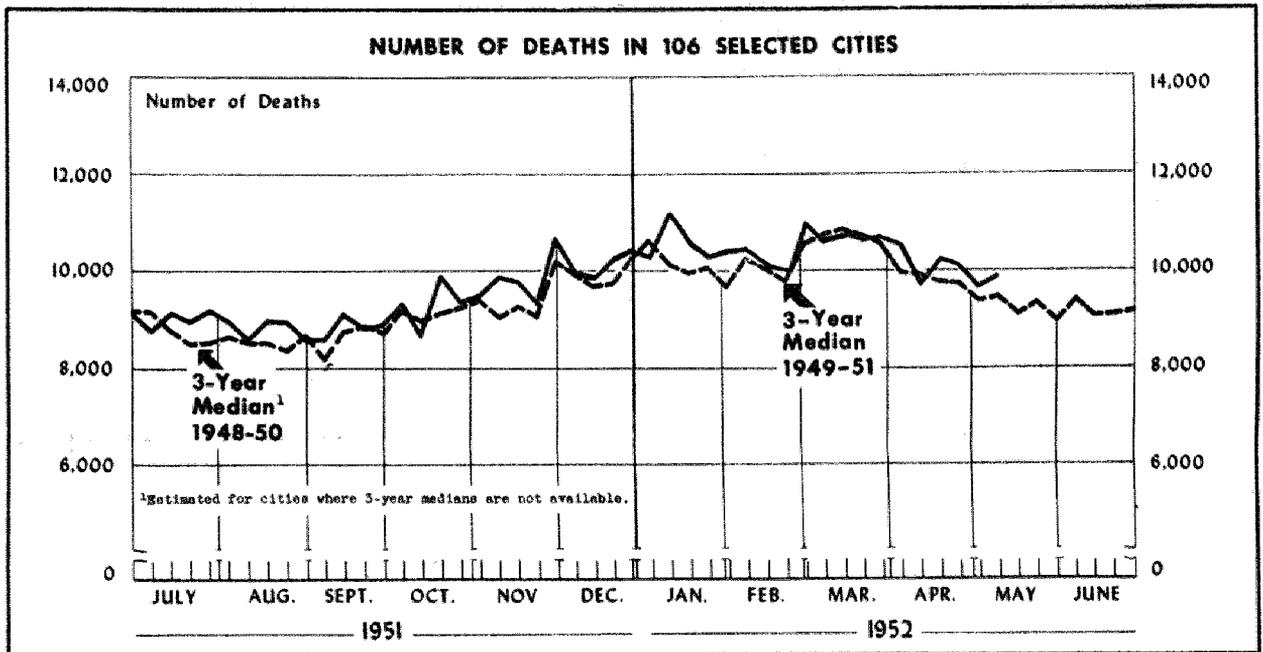
MAY 10, 1952—Continued

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

| AREA | Brucellosis (undulant fever) (044) | Diphtheria (055) | Encephalitis, acute infectious (082) | Hepatitis, infectious, and serum (092, N998.5 pt.) | Measles (085) | Meningococcal infections (057) | Poliovirus, acute (080) | Rocky Mountain spotted fever (104A) | Scarlet fever and streptococcal sore throat (050,051) | Trichinosis (128) | Tularemia (059) | Typhoid fever (040) | Typhus fever endemic (101) | Whooping cough (056) | Rabies in animals |
|---------------------------|------------------------------------|------------------|--------------------------------------|--|---------------|--------------------------------|-------------------------|-------------------------------------|---|-------------------|-----------------|---------------------|----------------------------|----------------------|-------------------|
| SOUTH ATLANTIC | | | | | | | | | | | | | | | |
| Atlanta----- | | | | 6 | 32 | | | | 4 | | | | | 1 | 8 |
| Baltimore----- | | 1 | | 6 | 97 | | | | 17 | | | | | 3 | |
| Charleston, S. C.----- | | | | | 22 | | | | | | | | | | |
| Charleston, W. Va.----- | | | | | 3 | | | | 1 | | | | | | |
| Charlotte----- | | | | | 17 | | | | 1 | | | | | 1 | |
| Miami----- | | | | | 69 | | | | | | | | | | |
| Norfolk----- | | | | | 20 | 1 | | | | | | | | | |
| Richmond----- | | | | | 15 | | | | 3 | | | | | | |
| Savannah----- | | | | | 42 | | | | 1 | | | | | | |
| Tampa----- | | | | | 9 | 1 | | | 2 | | | | | | |
| Washington, D. C.----- | | | | | 56 | 1 | | | 10 | | | 1 | | 1 | |
| Wilmington, Del.----- | | | | | 5 | | | | | | | | | | |
| EAST SOUTH CENTRAL | | | | | | | | | | | | | | | |
| Birmingham----- | | | | | 46 | | | | 3 | | | | | | 1 |
| Chattanooga----- | | | | 1 | 5 | | | | | | | | | | |
| Knoxville----- | | | | | 4 | | | | 1 | | | | | | |
| Louisville----- | | | | | 24 | | | | 2 | | | | | | |
| Memphis----- | | | | | 79 | | | | | | | | | 8 | |
| Mobile----- | | | | | 3 | | | | 1 | | | | | | |
| Montgomery----- | | | | 3 | 124 | | | | | | | | | | |
| Nashville----- | | | | | 13 | | | | 1 | | | | | | |
| WEST SOUTH CENTRAL | | | | | | | | | | | | | | | |
| Dallas----- | | 1 | | | 76 | | 2 | | 10 | | | 1 | | | 2 |
| El Paso----- | | | | | | | | | | | | | | | |
| Fort Worth----- | | | | | 4 | | | | | | | | | | |
| Galveston----- | | | | | | | 1 | | | | | | | | |
| Houston----- | | 2 | 4 | | 1 | | 2 | | 7 | | | | | | |
| Little Rock----- | | | | | 36 | | | | 2 | | | | | 1 | |
| New Orleans----- | | 1 | | | 20 | 2 | 3 | | 6 | | | | | 2 | 11 |
| Oklahoma City----- | | | | | 3 | | | | | | | | | | |
| San Antonio----- | | | | | 2 | | 3 | | 1 | | | | | 5 | |
| Shreveport----- | | | | | | | | | | | | | | | |
| Tulsa----- | | | | | 51 | | | | 3 | | | | | 1 | |
| MOUNTAIN | | | | | | | | | | | | | | | |
| Albuquerque----- | | | | | 3 | | | | 1 | | | | | 1 | |
| Boise City----- | | | | | | | | | | | | | | | |
| Colorado Springs----- | | | | | 5 | | | | | | | | | | |
| Denver----- | | | | 1 | 22 | | | | 5 | | | | | 5 | |
| Ogden----- | | | | | 102 | | | | 2 | | | | | | |
| Phoenix----- | | | | | 42 | | | | 42 | | | | | | |
| Pueblo----- | | | | | | | | | | | | | | | |
| Salt Lake City----- | | | | 2 | 39 | | | | | | | | | | |
| Tucson----- | | | | | 30 | | | | 3 | | | | | 5 | |
| PACIFIC | | | | | | | | | | | | | | | |
| Long Beach----- | | | | | 63 | | | | 1 | | | | | | |
| Los Angeles----- | | | | | 515 | | 3 | | 21 | | | | | 12 | |
| Oakland----- | | | | | 3 | | | | 5 | | | | | 1 | |
| Portland, Oreg.----- | | | | | 7 | | | | 2 | | | | | | |
| Sacramento----- | | | | | 5 | | | | 2 | | | | | 1 | |
| San Diego----- | | | | | | | | | | | | | | | |
| San Francisco----- | | | | 1 | 23 | 1 | 1 | | 17 | | | | | 5 | |
| Seattle----- | | | | | | | | | | | | | | | |
| Spokane----- | | | | | 34 | | | | 4 | | | | | | |
| Tacoma----- | | | | | | | | | | | | | | | |
| Honolulu----- | (-) | (-) | (-) | (-) | (14) | (1) | (2) | (-) | (1) | (-) | (-) | (-) | (-) | (-) | (-) |

Smallpox: Phoenix, Arizona, 2 cases.

Provisional Statistics for Deaths in Selected Cities for Week Ended
May 10, 1952



The chart shows the number of deaths reported for 106 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 three 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 4.—DEATHS IN SELECTED CITIES BY GEOGRAPHIC DIVISION
(By place of occurrence, and week of filing certificate. Exclusive of fetal deaths)

| GEOGRAPHIC DIVISION | 19th week ended May 10, 1952 | 18th week ended May 3, 1952 | 19th week median 1949-51 | Percentage difference between current week and median | CUMULATIVE NUMBER FOR FIRST 19 WEEKS | | |
|-------------------------------------|------------------------------|-----------------------------|--------------------------|---|--------------------------------------|---------|-----------------------|
| | | | | | 1952 | 1951 | Percentage difference |
| TOTAL: 104 REPORTING CITIES----- | 9,814 | 9,664 | 9,377 | +4.7 | 195,807 | 196,092 | -0.1 |
| New England----- (13 cities) | 614 | 631 | 628 | -2.2 | 12,743 | 13,266 | -4.1 |
| Middle Atlantic----- (17 cities) | 2,974 | 2,941 | 2,970 | +3.6 | 59,358 | 60,373 | -1.7 |
| East North Central----- (18 cities) | 2,207 | 2,228 | 2,126 | +3.8 | 42,571 | 43,585 | -2.3 |
| West North Central----- (8 cities) | 689 | 703 | 627 | +9.9 | 13,852 | 13,358 | +3.7 |
| South Atlantic----- (9 cities) | 794 | 698 | 679 | +16.9 | 15,352 | 14,431 | +6.4 |
| East South Central----- (7 cities) | 405 | 414 | 444 | -8.8 | 8,309 | 8,343 | -0.4 |
| West South Central----- (13 cities) | 693 | 693 | 649 | +6.8 | 14,530 | 14,366 | +1.0 |
| Mountain----- (7 cities) | 215 | 206 | 189 | +13.8 | 4,343 | 4,006 | +8.4 |
| Pacific----- (12 cities) | 1,223 | 1,150 | 1,109 | +10.3 | 24,749 | 24,324 | +1.7 |

Weekly Mortality Report

Table 5.—DEATHS IN SELECTED CITIES FOR WEEK ENDED
MAY 10, 1952

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

| CITY | 19th week ended May 10, 1952 | 18th week ended May 3, 1952 | CUMULATIVE NUMBER FOR FIRST 19 WEEKS | | CITY | 19th week ended May 10, 1952 | 18th week ended May 3, 1952 | CUMULATIVE NUMBER FOR FIRST 19 WEEKS | |
|---------------------------|------------------------------|-----------------------------|--------------------------------------|--------|--------------------------------|------------------------------|-----------------------------|--------------------------------------|-------|
| | | | 1952 | 1951 | | | | 1952 | 1951 |
| NEW ENGLAND | | | | | WEST NORTH CENTRAL—Con. | | | | |
| Boston----- | 230 | 246 | 4,586 | 4,691 | St. Paul----- | 70 | 65 | 1,234 | 1,224 |
| Bridgeport----- | --- | (32) | --- | (669) | Wichita----- | 28 | 32 | 773 | 757 |
| Cambridge----- | 17 | 32 | 617 | 657 | SOUTH ATLANTIC | | | | |
| Fall River----- | 30 | 23 | 578 | 610 | Atlanta----- | 144 | 76 | 1,947 | 1,621 |
| Hartford----- | 46 | 50 | 877 | 900 | Baltimore----- | 218 | 219 | 4,658 | 4,426 |
| Lowell----- | 27 | 24 | 495 | 601 | Charlotte----- | 28 | 25 | 535 | 546 |
| Lynn----- | 14 | 17 | 451 | 445 | Miami----- | 54 | 48 | 1,087 | 1,096 |
| New Bedford----- | 20 | 14 | 464 | 499 | Norfolk----- | 34 | 33 | 593 | 624 |
| New Haven----- | 41 | 37 | 857 | 874 | Richmond----- | 60 | 60 | 1,367 | 1,251 |
| Providence----- | 61 | 57 | 1,249 | 1,363 | Tampa----- | 59 | 59 | 1,183 | 979 |
| Somerville----- | 17 | 12 | 321 | 354 | Washington, D. C.----- | 161 | 142 | 3,358 | 3,272 |
| Springfield, Mass.----- | 36 | 43 | 735 | 767 | Wilmington, Del.----- | 36 | 36 | 624 | 616 |
| Waterbury----- | 22 | 22 | 467 | 468 | EAST SOUTH CENTRAL | | | | |
| Worcester----- | 53 | 54 | 1,046 | 1,056 | Birmingham----- | 73 | 71 | 1,342 | 1,465 |
| MIDDLE ATLANTIC | | | | | Chattanooga----- | 60 | 33 | 905 | 914 |
| Albany----- | 50 | 36 | 803 | 837 | Knorrville----- | 31 | 27 | 644 | 647 |
| Buffalo----- | 161 | 146 | 2,783 | 2,900 | Louisville----- | 68 | 106 | 1,926 | 1,837 |
| Camden----- | 39 | 36 | 711 | 681 | Memphis----- | 75 | 105 | 1,833 | 1,796 |
| Elizabeth----- | 12 | 36 | 601 | 616 | Mobile----- | 37 | 20 | 628 | 628 |
| Erie----- | 32 | 26 | 634 | 656 | Montgomery----- | (32) | (20) | (459) | (530) |
| Jersey City----- | 69 | 76 | 1,455 | 1,417 | Nashville----- | 61 | 52 | 1,032 | 1,056 |
| Newark, N. J.----- | 120 | 73 | 2,146 | 1,997 | WEST SOUTH CENTRAL | | | | |
| New York City----- | 1,567 | 1,549 | 31,204 | 31,345 | Austin----- | 29 | 15 | 455 | 499 |
| Patereson----- | 37 | 39 | 809 | 759 | Baton Rouge----- | 12 | 15 | 308 | 287 |
| Philadelphia----- | 431 | 497 | 9,417 | 10,392 | Corpus Christi----- | 10 | 21 | 327 | 245 |
| Pittsburgh----- | 176 | 162 | 3,495 | 3,474 | Dallas----- | 78 | 86 | 1,734 | 1,636 |
| Rochester, N. Y.----- | 101 | 96 | 1,832 | 1,802 | El Paso----- | 25 | 21 | 512 | 572 |
| Schenectady----- | 27 | 23 | 457 | 434 | Fort Worth----- | 40 | 58 | 1,012 | 1,028 |
| Syracuse----- | 46 | 56 | 1,028 | 1,001 | Houston----- | 99 | 117 | 2,241 | 2,175 |
| Trenton----- | 53 | 40 | 872 | 913 | Little Rock----- | 34 | 53 | 929 | 836 |
| Utica----- | 29 | 23 | 578 | 610 | New Orleans----- | 168 | 148 | 3,011 | 3,064 |
| Yonkers----- | 24 | 25 | 553 | 539 | Oklahoma City----- | 45 | 50 | 1,037 | 1,043 |
| EAST NORTH CENTRAL | | | | | San Antonio----- | 56 | 60 | 1,452 | 1,562 |
| Akron----- | 47 | 57 | 1,060 | 1,017 | Shreveport----- | 60 | 31 | 755 | 741 |
| Canton----- | 24 | 19 | 561 | 552 | Tulsa----- | 37 | 18 | 757 | 696 |
| Chicago----- | 755 | 785 | 13,946 | 14,572 | MOUNTAIN | | | | |
| Cincinnati----- | 158 | 147 | 2,928 | 2,974 | Albuquerque----- | 27 | 18 | 475 | 488 |
| Cleveland----- | 204 | 229 | 4,065 | 4,172 | Colorado Springs----- | 10 | 12 | 237 | 212 |
| Columbus----- | 90 | 93 | 1,996 | 1,944 | Denver----- | 100 | 82 | 2,020 | 1,868 |
| Dayton----- | 72 | 59 | 1,164 | 1,183 | Ogden----- | 7 | 22 | 244 | 194 |
| Detroit----- | 301 | 304 | 5,901 | 6,372 | Phoenix----- | 26 | 22 | 415 | 354 |
| Evansville----- | 48 | 24 | 646 | 608 | Pueblo----- | 10 | 12 | 190 | 175 |
| Flint----- | 37 | 37 | 655 | 623 | Salt Lake City----- | 35 | 38 | 762 | 715 |
| Fort Wayne----- | 28 | 19 | 584 | 630 | Tucson----- | (4) | (6) | (111) | (118) |
| Grand Rapids----- | 30 | 38 | 736 | 770 | PACIFIC | | | | |
| Indianapolis----- | 108 | 97 | 2,242 | 2,147 | Berkeley----- | 18 | 11 | 367 | 327 |
| Milwaukee----- | 138 | 131 | 2,374 | 2,178 | Long Beach----- | 43 | 44 | 928 | 884 |
| Peoria----- | 28 | 30 | 610 | 608 | Los Angeles----- | 408 | 403 | 8,061 | 8,843 |
| South Bend----- | 19 | 27 | 459 | 512 | Oakland----- | 99 | 104 | 1,982 | 1,839 |
| Toledo----- | 82 | 82 | 1,786 | 1,894 | Pasadena----- | 25 | 28 | 634 | 627 |
| Youngstown----- | 38 | 51 | 938 | 829 | Portland, Oreg.----- | 94 | 96 | 1,929 | 1,987 |
| WEST NORTH CENTRAL | | | | | Sacramento----- | 43 | 48 | 920 | 842 |
| Des Moines----- | 53 | 54 | 1,010 | 921 | San Diego----- | 69 | 61 | 1,458 | 1,285 |
| Duluth----- | 29 | 23 | 478 | 482 | San Francisco----- | 198 | 180 | 3,761 | 3,847 |
| Kansas City, Kans.----- | --- | (49) | --- | (715) | Seattle----- | 132 | 105 | 2,231 | 2,323 |
| Kansas City, Mo.----- | 128 | 110 | 2,249 | 2,097 | Spokane----- | 46 | 40 | 793 | 810 |
| Minneapolis----- | 114 | 124 | 2,273 | 2,211 | Tacoma----- | 48 | 30 | 685 | 710 |
| Omaha----- | 64 | 67 | 1,250 | 1,091 | Honolulu----- | (31) | (25) | (630) | (598) |
| St. Louis----- | 203 | 228 | 4,585 | 4,575 | | | | | |

Symbols.—parentheses () : data not included in table 4; 3 dashes [---] : data not available.