

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 March 8, 1952

EPIDEMIOLOGICAL REPORTS

Influenza

The following reports have been received through the Influenza Information Center, N.I.H.

Dr. Maxwell Finland, Director of the Regional Laboratory, Boston, has reported the isolation of two strains of influenza virus B which were inhibited by Lee antiserum to a high titer. The onsets of the illnesses were on February 10 and February 12. Serum from these patients showed a significant rise in the hemagglutination inhibition test with influenza B antigen (Lee). He has also isolated three additional strains. In 2 other patients whose initial serum was obtained between February 11 and 15, a significant rise in titer by the hemagglutination inhibition test has also been demonstrated.

Dr. Edwin H. Lennette, California State Health Department Virus Laboratory, reports a significant rise in titer by the complement fixation test for influenza B on paired sera of 5 patients having onsets between January 15 and February 9. Dr. Lennette also reports a significant rise in titer by the complement fixation test for influenza A in 2 patients and for influenza B in 12 patients from Fort Ord, California.

The Division of Preventive Medicine, Office of the Surgeon General of the Army, has reported the results of serologic tests performed during February on specimens received from the continental United States with the exception of the New England and west coast areas. Of a total of 133 paired sera examined, 36 were positive for influenza B and 1 was positive for A, A prime, and B. The Division also has reported 3 positive influenza B serologic tests of 6 paired sera recently collected at Fort Custer, Michigan.

The Army Medical Service Graduate School, Army Medical Center, has reported the isolation of a strain of influenza B virus which resembles the Warner strain of 1948 from a patient in Washington, D. C.

The National Institutes of Health reports the isolation of a strain of influenza B virus resembling the Warner and 1210 strains from a patient in Norfolk, Virginia, whose onset was February 12. Hemagglutination agents which have not yet been typed have also been recovered from 2 additional cases in Norfolk, Virginia.

Dr. E. A. Rogers, Nebraska Director of Health, reports that 3 paired blood specimens taken during the outbreak of an influenza-like illness in the Nebraska "Panhandle" were examined in the State Health Department Laboratory. By complement fixation tests 1 of the 3 showed a significant rise in titer for influenza virus B.

Dr. L. E. Burney, Indiana Health Commissioner, reports that type B influenza virus was recovered from a small group of persons in that State. Hemagglutination inhibition tests indicated it to be the Warner strain. These studies are being pursued in cooperation with the Indiana University School of Medicine and a private pharmaceutical research laboratory. Local physicians are securing specimens from their private patients.

Dr. Melvin B. Goodman, New York State Department of Health, reports an outbreak of influenza-like disease occurring in Millerton. The disease had its beginning around February 10 and reached its peak in about 1 week. It was mild in nature and af-

ected both adults and children. One hundred and thirty-eight out of the Millerton school population of 425 were absent on February 19, presumably from this disease. Dr. Goodman also reports that a house-to-house survey in Glens Falls showed that about 25 percent of the Glens Falls population have had an influenza-like disease since February 12. Throat washings and blood specimens were obtained from 2 patients. Laboratory results are not yet available.

Since the middle of January 1952 a number of outbreaks of an influenza-like disease have been reported in various sections of the country. Serologic tests and isolation of virus have indicated that type B influenza infections have been occurring in many of these epidemic areas. As of March 11, type B influenza infections have been demonstrated in Oregon, California, Texas, Arkansas, Nebraska, Missouri, Illinois, Indiana, Michigan, Pennsylvania, New York State, Massachusetts, Maryland, Virginia, and the District of Columbia. Serologic evidence of type A has been found in sporadic cases in California, and of type A-prime in New York State. It is evident that the predominate type in the U. S. this year is type B influenza. Reports do not indicate that pneumonia has been a frequent complication, and mortality data up to the present time from cities have not shown evidence of a significant increase in total deaths or of mortality from influenza and pneumonia.

The number of deaths from influenza and pneumonia reported from 58 cities for the week ended March 1 and 317 as compared with 267 for the previous week. The numbers by geographical areas, with corrected figures for the previous week in parentheses, were: New England, 21 (15); Middle Atlantic, 108 (99); East North Central, 57 (37); West North Central, 35 (27); South Atlantic, 31 (30); East South Central, 17 (12); West South Central, 14 (13); Mountain, 7 (9); and Pacific, 27 (25).

Psittacosis

Dr. J. C. Hart, Connecticut Department of Health, reports that a second case of psittacosis has been notified. The patient is a 64-year old woman who had received 2 lovebirds for a Christmas present and was ill early in February with symptoms of a respiratory disease. A specimen of blood taken on February 20 was positive in a dilution of 1 to 32. The birds had been purchased in a pet shop in Massachusetts. The Massachusetts State Health Department is investigating the source of the birds.

Dr. Hart also reports that information has been received that 4 more of the 10 parakeets sent to the Communicable Disease Center laboratory were found to be infected, in addition to the 3 previously reported. This group of parakeets were purchased in Florida and were the source of infection for the first human case reported this year in Connecticut.

Dr. Robert Hansen, Kentucky Department of Health, reports that information was received on February 27 that a blood specimen was positive for psittacosis in a titer of 1:16. Investigation showed that a parakeet had been purchased from a neighboring State on January 3. Three weeks later the bird appeared to be ill and died on January 25. Two adult members of the family became ill on January 26 and were given penicillin. One recovered promptly but the other responded when terramycin was administered. Information is not available on laboratory examination of the dead parakeet or the exact origin of the bird.

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Dr. L. E. Burney reports that 2 cases of psittacosis have been diagnosed in Whiting, Indiana. Both are said to have resulted from contact with parakeets purchased locally. The birds were phenolized and burned before they could be examined by the State health department laboratory.

Anthrax in Swine

Dr. C. R. Freebie, Ohio Department of Health, has supplied preliminary information on an outbreak of anthrax which up to the

present time has been limited to swine. The disease has been confirmed bacteriologically. About 35 to 40 animals have died of the infection. As of March 10 the disease has been reported on 33 farms located in 13 scattered counties of the State. Investigation points to a common source of infection and so far there is no evidence of animal-to-animal transmission. There have been no reports of anthrax in other animals in the affected area and no human cases have been found.

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 |
|---|---------------------------|---------------|-----------------------|-------------------------------------|--|------------------|---------------------------------------|------------------------------------|---------|-----------------------|
| | Mar. 8, 1952 ¹ | Mar. 10, 1951 | | | 1951-52 | 1950-51 | | 1952 | 1951 | |
| Anthrax-----062 | 1 | - | - | (²) | (²) | (²) | (²) | 8 | 15 | 11 |
| Brucellosis (undulant fever)-----044 | 34 | --- | --- | (²) | (²) | (²) | (²) | 335 | --- | --- |
| Diphtheria-----055 | 62 | 75 | 167 | July 1 | 2,918 | 3,908 | 7,013 | 737 | 940 | 1,802 |
| Encephalitis, acute infectious-----082 | 22 | 18 | 11 | (²) | (²) | (²) | (²) | 202 | 123 | 91 |
| Hepatitis, infectious, and serum-----092,N998.5 pt. | 557 | --- | --- | (²) | (²) | (²) | (²) | 4,985 | --- | --- |
| Malaria-----110-117 | 23 | --- | --- | (²) | (²) | (²) | (²) | 296 | --- | --- |
| Measles-----085 | 28,486 | 19,211 | 19,211 | Sept. 1 | 253,823 | 150,157 | 150,157 | 201,646 | 121,456 | 121,456 |
| Meningococcal infections-----057 | 142 | 121 | 90 | Sept. 1 | 2,346 | 2,156 | 1,893 | 1,191 | 1,112 | 870 |
| Poliomyelitis, acute-----080 | 64 | 67 | 65 | Apr. 1 | 28,477 | 33,246 | 28,136 | 1,105 | 1,151 | 861 |
| Rocky Mountain spotted fever-----104A | 1 | 1 | 1 | (²) | (²) | (²) | (²) | 8 | 3 | 9 |
| Scarlet fever and streptococcal sore throat-----050,051 | 3,640 | 2,569 | 2,591 | Aug. 1 | 45,264 | 38,841 | 44,954 | 29,353 | 22,893 | 23,302 |
| Trichiniasis-----128 | 7 | --- | --- | (²) | (²) | (²) | (²) | 39 | --- | --- |
| Tularemia-----059 | 8 | 7 | 18 | (²) | (²) | (²) | (²) | 155 | 136 | 235 |
| Typhoid fever-----040 | 44 | 51 | 35 | Apr. 1 | 2,107 | 2,401 | 2,892 | 322 | 303 | 346 |
| Typhus fever, endemic-----101 | 2 | --- | --- | Apr. 1 | --- | --- | --- | 19 | --- | --- |
| Whooping cough-----056 | 1,581 | 1,574 | 2,254 | Oct. 1 | 26,280 | 38,023 | 46,803 | 12,095 | 16,421 | 22,390 |
| Rabies in animals----- | 183 | 160 | --- | (²) | (²) | (²) | (²) | 1,718 | 1,283 | --- |

¹Rabies in man: Texas, 1 case.²Not computed.

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

Alaska: No cases.

Hawaii: Diphtheria, 2 (-); measles, 309 (1); poliomyelitis, 1 (1); scarlet fever, 2 (4); whooping cough, - (1).

Puerto Rico: Diphtheria, 2 (11); measles, 27 (99); poliomyelitis, 2 (-); typhoid fever, - (2); whooping cough, 35 (3); Rabies in animals 2.

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.

Weekly Morbidity Report

**Table 2.—CASES OF SPECIFIED DISEASES WITH COMPARATIVE DATA: UNITED STATES,
EACH DIVISION AND STATE FOR WEEK ENDED MARCH 8, 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 | |
| | Mar. 8, 1952 | Mar. 10, 1951 | Mar. 8, 1952 | Mar. 10, 1951 | Mar. 8, 1952 | Mar. 10, 1951 | Mar. 8, 1952 | Mar. 10, 1951 | Mar. 8, 1952 | Mar. 10, 1951 | Mar. 8, 1952 | Mar. 10, 1951 |
| UNITED STATES----- | 62 | 75 | 28,486 | 19,211 | 142 | 121 | 64 | 67 | 3,640 | 2,569 | 44 | 51 |
| NEW ENGLAND----- | 1 | 7 | 6,356 | 593 | 5 | 6 | 1 | - | 200 | 182 | 1 | - |
| Maine----- | - | - | 760 | 7 | 1 | 1 | - | - | 6 | 19 | - | - |
| New Hampshire----- | - | - | 92 | 23 | 1 | 1 | - | - | 8 | 7 | - | - |
| Vermont----- | - | - | 405 | 108 | 1 | - | - | - | 2 | 1 | - | - |
| Massachusetts----- | 1 | 5 | 3,286 | 360 | 2 | 1 | 1 | - | 112 | 127 | 1 | - |
| Rhode Island----- | - | - | 295 | 3 | - | - | - | - | 7 | 10 | - | - |
| Connecticut----- | - | 2 | 1,518 | 92 | - | 3 | - | - | 65 | 18 | - | - |
| MIDDLE ATLANTIC----- | 2 | 9 | 9,980 | 2,040 | 20 | 25 | 3 | 7 | 773 | 428 | 7 | 32 |
| New York----- | 1 | 5 | 4,131 | 673 | 8 | 9 | 2 | 7 | 452 | 235 | 1 | 2 |
| New Jersey----- | - | - | 3,310 | 489 | 5 | 4 | 1 | - | 129 | 82 | - | 1 |
| Pennsylvania----- | 1 | 4 | 2,539 | 879 | 7 | 12 | - | - | 192 | 111 | 6 | 29 |
| EAST NORTH CENTRAL----- | 5 | 5 | 4,933 | 3,146 | 32 | 19 | 7 | 10 | 1,079 | 766 | 7 | 1 |
| Ohio----- | 2 | 2 | 718 | 746 | 7 | 5 | 1 | - | 302 | 244 | 2 | - |
| Indiana----- | 2 | 2 | 457 | 253 | 1 | - | 1 | 2 | 65 | 48 | 1 | - |
| Illinois----- | - | 1 | 1,537 | 533 | 12 | 4 | 2 | 3 | 134 | 97 | 3 | 1 |
| Michigan----- | 1 | - | 1,354 | 695 | 8 | 7 | 1 | 5 | 403 | 352 | 1 | - |
| Wisconsin----- | - | - | 887 | 919 | 4 | 3 | 2 | - | 175 | 25 | - | - |
| WEST NORTH CENTRAL----- | 8 | - | 779 | 1,411 | 7 | 8 | 1 | 3 | 238 | 139 | - | - |
| Minnesota----- | 3 | - | 11 | 127 | 3 | 1 | 1 | - | 82 | 43 | - | - |
| Iowa----- | - | - | 141 | 30 | - | 1 | - | - | 32 | 9 | - | - |
| Missouri----- | 5 | - | 59 | 413 | 2 | 4 | - | - | 48 | 32 | - | - |
| North Dakota----- | - | - | 75 | 107 | - | - | - | - | 33 | 2 | - | - |
| South Dakota----- | - | - | 13 | 42 | - | - | - | - | 1 | - | - | - |
| Nebraska----- | - | - | 90 | 14 | 1 | - | - | 3 | 18 | 9 | - | - |
| Kansas----- | - | - | 390 | 670 | 1 | 2 | - | - | 24 | 44 | - | - |
| SOUTH ATLANTIC----- | 10 | 18 | 1,356 | 1,264 | 17 | 14 | 5 | 10 | 277 | 242 | 5 | 2 |
| Delaware----- | - | - | 15 | 35 | - | - | - | - | 7 | 4 | - | - |
| Maryland----- | - | - | 456 | 89 | 1 | 1 | 1 | - | 29 | 40 | - | - |
| District of Columbia----- | - | - | 98 | 48 | - | - | - | - | 19 | 22 | 1 | - |
| Virginia----- | 1 | 1 | - | 420 | 4 | 2 | 1 | - | 98 | 34 | 1 | - |
| West Virginia----- | - | 2 | 95 | 50 | - | 2 | - | - | 21 | 16 | 1 | - |
| North Carolina----- | 1 | 6 | 122 | 97 | 2 | 5 | - | 1 | 76 | 85 | - | - |
| South Carolina----- | - | 4 | 118 | 34 | 3 | 1 | 1 | 2 | 4 | 6 | - | 1 |
| Georgia----- | 7 | 5 | 253 | 433 | 4 | - | - | 1 | 16 | 16 | 2 | 1 |
| Florida----- | 1 | - | 199 | 58 | 3 | 3 | 2 | 6 | 7 | 19 | - | - |
| EAST SOUTH CENTRAL----- | 12 | 7 | 2,487 | 1,314 | 14 | 12 | 9 | 3 | 63 | 85 | 2 | 3 |
| Kentucky----- | - | 1 | 1,092 | 1,046 | 3 | 5 | 2 | - | 26 | 30 | - | - |
| Tennessee----- | 4 | 3 | 288 | 74 | 8 | 3 | 1 | 1 | 33 | 49 | 1 | 2 |
| Alabama----- | 6 | 2 | 1,046 | 71 | 3 | 3 | - | - | 4 | 4 | - | 1 |
| Mississippi----- | 2 | 1 | 61 | 123 | - | 1 | 6 | 2 | - | 2 | 1 | - |
| WEST SOUTH CENTRAL----- | 16 | 20 | 585 | 4,819 | 21 | 22 | 22 | 8 | 266 | 107 | 7 | 11 |
| Arkansas----- | 2 | 2 | 107 | 812 | 3 | - | 2 | - | 73 | 6 | 1 | 1 |
| Louisiana----- | 1 | 5 | 51 | 209 | 9 | 4 | 5 | 2 | 10 | 12 | 3 | 4 |
| Oklahoma----- | 1 | 3 | 46 | 361 | 3 | 1 | - | - | 19 | 21 | 1 | - |
| Texas----- | 12 | 10 | 381 | 3,437 | 6 | 17 | 15 | 6 | 164 | 68 | 2 | 6 |
| MOUNTAIN----- | 3 | 3 | 681 | 1,928 | 5 | 2 | 4 | 5 | 338 | 236 | 14 | 2 |
| Montana----- | - | 1 | 146 | 47 | 1 | 1 | - | - | 49 | 5 | - | - |
| Idaho----- | - | - | 4 | 41 | 1 | - | 1 | 1 | 15 | 79 | 2 | - |
| Wyoming----- | - | - | 5 | 50 | - | - | 1 | - | 5 | 1 | - | - |
| Colorado----- | 1 | - | 126 | 959 | 1 | 1 | - | - | 10 | 18 | 11 | - |
| New Mexico----- | 1 | 1 | 103 | 36 | - | - | 2 | - | 15 | 6 | 1 | 2 |
| Arizona----- | 1 | 1 | 68 | 695 | - | - | - | 3 | 186 | 11 | - | - |
| Utah----- | - | - | 183 | 69 | - | - | - | 1 | 56 | 116 | - | - |
| Nevada----- | - | - | 46 | 31 | - | - | - | - | 2 | - | - | - |
| PACIFIC----- | 5 | 6 | 1,329 | 2,696 | 23 | 13 | 12 | 21 | 406 | 364 | 1 | - |
| Washington----- | 2 | - | 227 | 402 | 3 | - | 2 | 2 | 80 | 91 | - | - |
| Oregon----- | - | 3 | 84 | 62 | 2 | 2 | - | 2 | 53 | 51 | - | - |
| California----- | 3 | 3 | 1,018 | 2,232 | 18 | 11 | 10 | 17 | 273 | 242 | 1 | - |

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Table 2.—CASES OF SPECIFIED DISEASES WITH COMPARATIVE DATA: UNITED STATES, EACH DIVISION AND STATE FOR WEEK ENDED MARCH 8, 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 (096, #998.5 pt.) | Malaria (110-117) | Rocky Mountain spotted fever (104A) | Smallpox (084) | Trichiniasis (128) | Tularemia (059) | Typhus fever, endemic (101) | Rabies in animals |
|---------------------------|-------------------------|---------------------|---------------------|---------------------------------------|---|--|-------------------|--|----------------|--------------------|-----------------|--------------------------------|-------------------|
| | Week ended | | | | | | | | | | | | |
| | Mar. 8, 1952 | Mar. 10, 1951 | | | | | | | | | | | |
| UNITED STATES----- | 1,581 | 1,574 | 1 | 34 | 22 | 587 | 23 | 1 | - | 7 | 8 | 2 | 183 |
| NEW ENGLAND----- | 98 | 138 | - | 1 | 2 | 16 | - | - | - | 1 | - | - | - |
| Maine----- | 9 | 23 | - | - | - | 5 | - | - | - | - | - | - | - |
| New Hampshire----- | 4 | 24 | - | - | - | - | - | - | - | - | - | - | - |
| Vermont----- | 6 | 13 | - | - | - | - | - | - | - | - | - | - | - |
| Massachusetts----- | 59 | 49 | - | 1 | 2 | 11 | - | - | - | 1 | - | - | - |
| Rhode Island----- | 6 | 20 | - | - | - | - | - | - | - | - | - | - | - |
| Connecticut----- | 14 | 9 | - | - | - | - | - | - | - | - | - | - | - |
| MIDDLE ATLANTIC----- | 114 | 218 | - | 3 | 7 | 38 | 1 | 1 | - | 4 | - | - | 20 |
| New York----- | 38 | 79 | - | 2 | 6 | 27 | 1 | - | - | 1 | - | - | 4 |
| New Jersey----- | 24 | 75 | - | - | 1 | - | - | 1 | - | 1 | - | - | - |
| Pennsylvania----- | 52 | 61 | - | 1 | - | 11 | - | - | - | 2 | - | - | 16 |
| EAST NORTH CENTRAL----- | 136 | 249 | - | 10 | 7 | 56 | - | - | - | - | - | - | 25 |
| Ohio----- | 28 | 40 | - | - | - | 33 | - | - | - | - | - | - | 8 |
| Indiana----- | 5 | 9 | - | - | 2 | 10 | - | - | - | - | - | - | 4 |
| Illinois----- | 20 | 41 | - | 4 | 3 | 3 | - | - | - | - | - | - | 10 |
| Michigan----- | 41 | 78 | - | 2 | 2 | 9 | - | - | - | - | - | - | 3 |
| Wisconsin----- | 42 | 62 | - | 4 | - | 1 | - | - | - | - | - | - | - |
| WEST NORTH CENTRAL----- | 20 | 77 | - | 8 | 1 | 113 | - | - | - | - | 1 | - | 19 |
| Minnesota----- | 1 | 16 | - | 1 | - | 23 | - | - | - | - | - | - | 4 |
| Iowa----- | 2 | 5 | - | 3 | 1 | 64 | - | - | - | - | - | - | 2 |
| Missouri----- | 4 | 8 | - | 1 | - | 9 | - | - | - | - | 1 | - | 7 |
| North Dakota----- | 3 | 1 | - | - | - | 1 | - | - | - | - | - | - | 6 |
| South Dakota----- | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Nebraska----- | - | - | - | - | - | 1 | - | - | - | - | - | - | - |
| Kansas----- | 10 | 47 | - | 3 | - | 15 | - | - | - | - | - | - | - |
| SOUTH ATLANTIC----- | 102 | 161 | - | 5 | - | 210 | 6 | - | - | - | 1 | 1 | 35 |
| Delaware----- | - | 2 | - | - | - | - | - | - | - | - | - | - | - |
| Maryland----- | 2 | 8 | - | - | - | 5 | 1 | - | - | - | - | - | - |
| District of Columbia----- | 6 | 6 | - | - | - | - | - | - | - | - | - | - | - |
| Virginia----- | 18 | 30 | - | - | - | 10 | 1 | - | - | * | - | - | 16 |
| West Virginia----- | 39 | 28 | - | - | - | 151 | - | - | - | - | - | - | 2 |
| North Carolina----- | 12 | 41 | - | - | - | 12 | 1 | - | - | - | - | - | 1 |
| South Carolina----- | 5 | 15 | - | - | - | - | - | - | - | - | - | - | 8 |
| Georgia----- | 12 | 16 | - | 4 | - | 22 | 3 | - | - | - | - | - | 8 |
| Florida----- | 8 | 15 | - | 1 | - | 10 | - | - | - | - | 1 | 1 | - |
| EAST SOUTH CENTRAL----- | 649 | 132 | - | - | 3 | 71 | - | - | - | - | 2 | - | 49 |
| Kentucky----- | 604 | 92 | - | - | - | 10 | - | - | - | - | - | - | 10 |
| Tennessee----- | 18 | 27 | - | - | 3 | 24 | - | - | - | - | 2 | - | 20 |
| Alabama----- | 8 | 6 | - | - | - | 33 | - | - | - | * | - | - | 12 |
| Mississippi----- | 19 | 7 | - | - | - | 4 | - | - | - | - | - | - | 7 |
| WEST SOUTH CENTRAL----- | 285 | 377 | 1 | 3 | 2 | 1 | 6 | - | - | 1 | 3 | 1 | 34 |
| Arkansas----- | 11 | 44 | - | - | - | 1 | 1 | - | - | - | 1 | - | 5 |
| Louisiana----- | 5 | 4 | - | - | - | - | 3 | - | - | 1 | 2 | - | - |
| Oklahoma----- | 9 | 46 | - | 1 | - | - | - | - | - | - | - | - | 3 |
| Texas----- | 260 | 283 | 1 | 2 | 2 | - | 2 | - | - | * | - | 1 | 26 |
| MOUNTAIN----- | 65 | 160 | - | 1 | - | 16 | 3 | - | - | - | 1 | - | - |
| Montana----- | 2 | 5 | - | 1 | - | - | - | - | - | - | - | - | - |
| Idaho----- | 2 | 5 | - | - | - | - | - | - | - | - | - | - | - |
| Wyoming----- | - | 16 | - | - | - | - | - | - | - | - | 1 | - | - |
| Colorado----- | 12 | 12 | - | - | - | 1 | - | - | - | - | - | - | - |
| New Mexico----- | 7 | 15 | - | - | - | 12 | - | - | - | - | - | - | - |
| Arizona----- | 36 | 96 | - | - | - | 3 | 3 | - | - | - | - | - | - |
| Utah----- | 6 | 11 | - | - | - | - | - | - | - | - | - | - | - |
| Nevada----- | - | - | - | - | - | - | - | - | - | - | - | - | - |
| PACIFIC----- | 112 | 65 | - | 3 | - | 36 | 7 | - | - | 1 | - | - | 1 |
| Washington----- | 2 | 8 | - | 2 | - | 12 | - | - | - | - | - | - | - |
| Oregon----- | 9 | 1 | - | - | - | 8 | - | - | - | - | - | - | - |
| California----- | 101 | 56 | - | 1 | - | 16 | 7 | - | - | 1 | - | - | 1 |

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**Table 3.—CASES OF SPECIFIED DISEASES: SELECTED CITIES FOR WEEK ENDED
MARCH 8, 1952**

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

| AREA | Brucellosis (undulant fever) (044) | Diphtheria (065) | Eenephalitis, acute infectious (082) | Hepatitis, infectious, and serum (092, N999.5 pt.) | Measles (085) | Meningococcal infections (057) | Poliomyelitis, acute (080) | Rocky Mountain spotted fever (104A) | Scarlet fever and streptococcal sore throat (050, 051) | Trichiniasis (123) | Typhoid fever (040) | Typhus fever, endemic (101) | Whooping cough (056) | Rabies in animals | |
|---------------------------|------------------------------------|------------------|--------------------------------------|--|---------------|--------------------------------|----------------------------|-------------------------------------|--|--------------------|---------------------|-----------------------------|----------------------|-------------------|---|
| TOTAL: 88 cities-- | - | 11 | 10 | 40 | 6,924 | 42 | 13 | - | 801 | 5 | 1 | 8 | - | 158 | 6 |
| NEW ENGLAND | | | | | | | | | | | | | | | |
| Boston----- | | 1 | | | 233 | | 1 | | 22 | | | | | 10 | |
| Bridgeport----- | | | 1 | 1 | 61 | | | | 3 | | | | | 5 | |
| Cambridge----- | | | | | 253 | | | | 11 | 1 | | | | | |
| Fall River----- | | | | | 143 | | | | | | | | | | |
| Hartford----- | | | | | 39 | | | | | | | | | | |
| Lovell----- | | | | | 28 | | | | 1 | | | | | | |
| Lynn----- | | | | | 19 | | | | | | | | | | |
| New Bedford----- | | | | | 12 | | | | 1 | | | | | | |
| New Haven----- | | | | | 8 | | | | 1 | | | | | | |
| Portland, Me.----- | | | | 1 | 261 | | | | | | | | | | |
| Providence----- | | | | | 163 | 1 | | | 7 | | | | | | |
| Somerville----- | | | | | 29 | | | | 1 | | | | | | |
| Springfield, Mass.----- | | | | | 95 | 1 | | | 6 | | | | | 6 | |
| Waterbury----- | | | | | 9 | | | | 5 | | | | | | |
| Worcester----- | | | | 9 | 98 | | | | 10 | | | | | | |
| MIDDLE ATLANTIC | | | | | | | | | | | | | | | |
| Albany----- | | | | | | | | | | | | | | | |
| Buffalo----- | | | | | | | | | | | | | | | |
| Camden----- | | | | | 13 | | | | | | | | | | |
| Elizabeth----- | | | | | 105 | | | | | | | | | | |
| Erie----- | | | | | 108 | | | | 2 | | | | | | |
| Jersey City----- | | | | | 64 | | | | 9 | | | | | 2 | |
| Newark, N. J.----- | | | | | 511 | | | | 7 | | | | | 2 | |
| New York City----- | | 1 | 5 | 2 | 1,677 | 5 | 2 | | 135 | | 1 | | | 14 | |
| Paterson----- | | | | | 19 | | | | 5 | | | | | 20 | |
| Philadelphia----- | | | | 4 | 728 | 2 | | | 21 | 2 | 3 | | | 2 | |
| Pittsburgh----- | | | | | 1 | 25 | 1 | | 24 | 1 | | | | 2 | |
| Reading----- | | | | | 2 | | | | 1 | | | | | 1 | |
| Rochester, N. Y.----- | | | | | | | | | | | | | | | |
| Schenectady----- | | | | | | | | | | | | | | | |
| Syracuse----- | | | | | | | | | | | | | | | |
| Trenton----- | | | | | 25 | | | | | | | | | | |
| Utica----- | | | | | | | | | | | | | | | |
| Yonkers----- | | | | | | | | | | | | | | | |
| EAST NORTH CENTRAL | | | | | | | | | | | | | | | |
| Akron----- | | | | | | | | | | | | | | | |
| Canton----- | | | | | | 2 | | | 1 | | | | | | |
| Chicago----- | | | | | 665 | 3 | | | 41 | | 1 | | | 9 | |
| Cincinnati----- | | | | 2 | 108 | 1 | | | 16 | | | | | 2 | |
| Cleveland----- | | | | | 258 | | | | 43 | | | | | 9 | |
| Columbus----- | | | | | 5 | 1 | 1 | | 8 | | | | | 1 | |
| Dayton----- | | | | | | | | | | | | | | | |
| Detroit----- | | | 1 | 3 | 433 | 1 | | | 49 | | | | | 7 | 1 |
| Evansville----- | | | | | 19 | | | | 3 | | | | | | |
| Flint----- | | | | | | | | | | | | | | | |
| Fort Wayne----- | | | | | | | | | 4 | | | | | | |
| Grand Rapids----- | | | | | 319 | | | | 15 | | | | | 1 | |
| Indianapolis----- | | | | | 74 | 2 | | | 7 | | | | | 1 | |
| Milwaukee----- | | | 1 | | 352 | 2 | | | 15 | | | | | 3 | |
| Peoria----- | | | | | | 3 | | | 3 | | | | | 3 | |
| South Bend----- | | | | | | | | | | | | | | | |
| Toledo----- | | | | | | | | | | | | | | | |
| Youngstown----- | | | | | 55 | | | | 4 | | | | | 3 | |
| WEST NORTH CENTRAL | | | | | | | | | | | | | | | |
| Des Moines----- | | | | | | | | | 2 | | | | | | |
| Duluth----- | | 1 | | | | 1 | | | | | | | | 1 | |
| Kansas City, Kans.----- | | | | | | | | | | | | | | | |
| Kansas City, Mo.----- | | | | | 57 | | 1 | | 4 | | | | | 3 | |
| Minneapolis----- | | | | 1 | 6 | 1 | | | 16 | | | | | | |
| Omaha----- | | | | | | | | | | | | | | | |
| St. Louis----- | | | | | | | | | | | | | | | |
| St. Paul----- | | | | | 6 | | | | 17 | | | | | | |
| Wichita----- | | | | | 285 | | | | 1 | | | | | | |

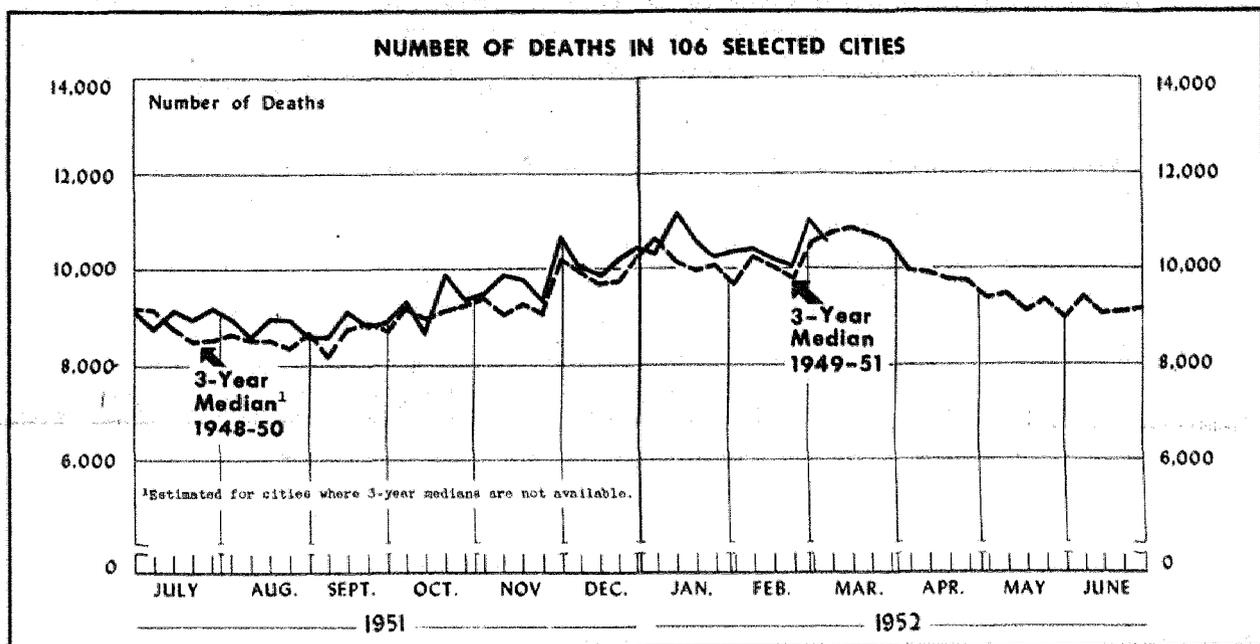
Weekly Morbidity Report

Table 3.—CASES OF SPECIFIED DISEASES: SELECTED CITIES FOR WEEK ENDED
MARCH 8, 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 (082, N998.5 pt.) | Measles (085) | Meningococcal infections (057) | Pollomyelitis, 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 |
|-------------------------|------------------------------------|------------------|--------------------------------------|--|---------------|--------------------------------|----------------------------|-------------------------------------|---|--------------------|-----------------|---------------------|----------------------------|----------------------|-------------------|
| SOUTH ATLANTIC | | | | | | | | | | | | | | | |
| Atlanta----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Baltimore----- | --- | --- | --- | 1 | 273 | 1 | 1 | --- | 15 | --- | --- | --- | --- | --- | --- |
| Charleston, S. C.----- | --- | --- | --- | --- | 13 | --- | --- | --- | 1 | --- | --- | --- | --- | --- | --- |
| Charleston, W. Va.----- | --- | --- | --- | --- | 1 | --- | --- | --- | 4 | --- | --- | --- | --- | --- | --- |
| Charlotte----- | --- | --- | --- | --- | 2 | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Miami----- | --- | --- | --- | 1 | 19 | 1 | --- | --- | --- | --- | --- | --- | --- | 2 | --- |
| Norfolk----- | --- | --- | --- | 1 | 10 | --- | --- | --- | 2 | --- | --- | --- | --- | 8 | --- |
| Richmond----- | --- | --- | --- | --- | 1 | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Savannah----- | --- | --- | --- | --- | 37 | --- | --- | --- | --- | --- | --- | --- | --- | --- | 1 |
| Tampa----- | --- | --- | --- | --- | 21 | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Washington, D. C.----- | --- | --- | --- | --- | 98 | --- | --- | --- | 19 | --- | --- | 1 | --- | 2 | --- |
| Wilmington, Del.----- | --- | --- | --- | --- | 3 | --- | --- | --- | 3 | --- | --- | --- | --- | --- | --- |
| EAST SOUTH CENTRAL | | | | | | | | | | | | | | | |
| Birmingham----- | --- | --- | --- | --- | 38 | 1 | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Chattanooga----- | --- | --- | 1 | 3 | 9 | 3 | --- | --- | --- | --- | --- | --- | --- | 1 | --- |
| Knoxville----- | --- | --- | --- | 1 | 15 | --- | --- | --- | --- | --- | --- | --- | --- | 1 | --- |
| Louisville----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Memphis----- | --- | --- | 1 | 2 | 27 | 1 | --- | --- | 11 | --- | --- | 1 | --- | 6 | --- |
| Mobile----- | --- | --- | --- | --- | 9 | --- | --- | --- | 1 | --- | --- | --- | --- | 1 | --- |
| Montgomery----- | --- | --- | --- | --- | 427 | --- | --- | --- | 1 | --- | --- | --- | --- | --- | 1 |
| Nashville----- | --- | --- | --- | --- | 6 | --- | --- | --- | 3 | --- | --- | --- | --- | --- | --- |
| WEST SOUTH CENTRAL | | | | | | | | | | | | | | | |
| Dallas----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| El Paso----- | --- | --- | --- | --- | 3 | --- | --- | --- | 3 | --- | --- | --- | --- | --- | --- |
| Fort Worth----- | --- | 1 | --- | --- | 6 | --- | --- | --- | 6 | --- | --- | --- | --- | --- | --- |
| Galveston----- | --- | --- | --- | --- | 2 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Houston----- | --- | 2 | --- | --- | --- | --- | 2 | --- | 2 | --- | --- | --- | --- | 1 | --- |
| Little Rock----- | --- | --- | --- | --- | 1 | --- | --- | --- | 3 | --- | --- | --- | --- | --- | 1 |
| Oklahoma City----- | --- | --- | --- | --- | 2 | --- | --- | --- | 3 | --- | --- | --- | --- | --- | --- |
| San Antonio----- | --- | 1 | --- | --- | 1 | --- | 3 | --- | --- | --- | --- | --- | --- | 1 | 1 |
| Shreveport----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Tulsa----- | --- | --- | --- | --- | 13 | --- | --- | --- | 7 | --- | --- | --- | --- | 3 | --- |
| MOUNTAIN | | | | | | | | | | | | | | | |
| Albuquerque----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Boise City----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Colorado Springs----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Denver----- | --- | 1 | --- | --- | 26 | --- | --- | --- | 2 | --- | --- | --- | --- | 7 | --- |
| Ogden----- | --- | --- | --- | --- | 29 | --- | --- | --- | 5 | --- | --- | --- | --- | --- | --- |
| Phoenix----- | --- | --- | --- | --- | 12 | --- | --- | --- | 42 | --- | --- | --- | --- | --- | --- |
| Pueblo----- | --- | --- | --- | --- | 4 | --- | --- | --- | --- | --- | --- | --- | --- | 1 | --- |
| Salt Lake City----- | --- | --- | --- | --- | 14 | --- | --- | --- | 9 | --- | --- | --- | --- | --- | --- |
| Tucson----- | --- | --- | --- | --- | 1 | --- | --- | --- | 33 | --- | --- | --- | --- | 1 | --- |
| PACIFIC | | | | | | | | | | | | | | | |
| Long Beach----- | --- | --- | --- | --- | 45 | --- | --- | --- | 5 | --- | --- | --- | --- | 3 | --- |
| Los Angeles----- | --- | --- | --- | --- | 137 | 1 | 1 | --- | 30 | 1 | --- | 1 | --- | 7 | 1 |
| Oakland----- | --- | 1 | --- | 4 | 2 | 1 | --- | --- | 8 | --- | --- | --- | --- | --- | --- |
| Portland, Oreg.----- | --- | --- | --- | 1 | 8 | 1 | --- | --- | 6 | --- | 1 | --- | --- | 1 | --- |
| Sacramento----- | --- | --- | --- | --- | 2 | --- | --- | --- | 15 | --- | --- | --- | --- | 1 | --- |
| San Diego----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| San Francisco----- | --- | 1 | --- | 1 | 14 | 1 | --- | --- | 19 | --- | --- | --- | --- | 3 | --- |
| Seattle----- | --- | 1 | --- | 1 | 16 | 1 | --- | --- | 13 | --- | --- | --- | --- | --- | --- |
| Spokane----- | --- | --- | --- | --- | 6 | --- | --- | --- | 4 | --- | --- | --- | --- | --- | --- |
| Tacoma----- | --- | --- | --- | --- | 3 | --- | 1 | --- | 3 | --- | --- | --- | --- | --- | --- |
| Honolulu----- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

Provisional Statistics for Deaths in Selected Cities for Week Ended
March 8, 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 | 10th week ended Mar. 8, 1952 | 9th week ended Mar. 1, 1952 | 10th week median 1949-51 | Percentage difference between current week and median | CUMULATIVE NUMBER FOR FIRST 10 WEEKS | | |
|-------------------------------------|------------------------------|-----------------------------|--------------------------|---|--------------------------------------|---------|-----------------------|
| | | | | | 1952 | 1951 | Percentage difference |
| TOTAL: 106 REPORTING CITIES----- | 10,656 | 10,985 | 10,753 | -0.9 | 104,947 | 105,724 | -0.7 |
| New England----- (14 cities) | 741 | 786 | 728 | +1.8 | 6,927 | 7,565 | -8.4 |
| Middle Atlantic----- (17 cities) | 3,105 | 3,365 | 3,512 | -11.6 | 31,685 | 32,939 | -3.8 |
| East North Central----- (18 cities) | 2,251 | 2,340 | 2,364 | -4.8 | 22,301 | 22,588 | -1.3 |
| West North Central----- (9 cities) | 762 | 835 | 681 | +11.9 | 7,720 | 7,404 | +4.3 |
| South Atlantic----- (9 cities) | 843 | 852 | 777 | +8.5 | 8,139 | 7,718 | +5.5 |
| East South Central----- (7 cities) | 501 | 441 | 431 | +16.2 | 4,477 | 4,490 | -0.3 |
| West South Central----- (13 cities) | 867 | 826 | 687 | +26.2 | 7,928 | 7,928 | 0 |
| Mountain----- (7 cities) | 240 | 231 | 197 | +21.8 | 2,307 | 2,037 | +13.3 |
| Pacific----- (12 cities) | 1,346 | 1,309 | 1,224 | +10.0 | 13,463 | 13,055 | +3.1 |

Weekly Mortality Report

Table 5.—DEATHS IN SELECTED CITIES FOR WEEK ENDED
MARCH 8, 1952

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

| CITY | 10th week ended Mar. 8, 1952 | 9th week ended Mar. 1, 1952 | CUMULATIVE NUMBER FOR FIRST 10 WEEKS | | CITY | 10th week ended Mar. 8, 1952 | 9th week ended Mar. 1, 1952 | CUMULATIVE NUMBER FOR FIRST 10 WEEKS | |
|---------------------------|---|--|---|--------|--------------------------------|---|--|---|-------|
| | | | 1952 | 1951 | | | | 1952 | 1951 |
| NEW ENGLAND | | | | | WEST NORTH CENTRAL—Con. | | | | |
| Boston----- | 261 | 288 | 2,334 | 2,617 | St. Paul----- | 80 | 66 | 665 | 660 |
| Bridgeport----- | 36 | 39 | 368 | 349 | Wichita----- | 33 | 43 | 446 | 404 |
| Cambridge----- | 27 | 44 | 340 | 343 | SOUTH ATLANTIC | | | | |
| Fall River----- | 27 | 31 | 278 | 330 | Atlanta----- | 90 | 108 | 1,005 | 897 |
| Hartford----- | 47 | 39 | 454 | 499 | Baltimore----- | 258 | 246 | 2,488 | 2,411 |
| Lowell----- | 26 | 25 | 249 | 321 | Charlotte----- | 30 | 31 | 287 | 297 |
| Lynn----- | 18 | 30 | 240 | 253 | Miami----- | 70 | 50 | 621 | 597 |
| New Bedford----- | 27 | 31 | 251 | 255 | Norfolk----- | 22 | 31 | 304 | 336 |
| New Haven----- | 59 | 50 | 445 | 477 | Richmond----- | 67 | 106 | 726 | 678 |
| Providence----- | 57 | 71 | 650 | 719 | Tampa----- | 54 | 52 | 629 | 513 |
| Somerville----- | 14 | 18 | 174 | 193 | Washington, D. C.----- | 221 | 202 | 1,759 | 1,689 |
| Springfield, Mass.----- | 48 | 40 | 379 | 410 | Wilmington, Del.----- | 21 | 26 | 320 | 310 |
| Waterbury----- | 33 | 27 | 254 | 242 | EAST SOUTH CENTRAL | | | | |
| Worcester----- | 61 | 53 | 511 | 551 | Birmingham----- | 65 | 74 | 713 | 790 |
| MIDDLE ATLANTIC | | | | | Chattanooga----- | 65 | 51 | 506 | 495 |
| Albany----- | 39 | 56 | 409 | 460 | Knoxville----- | 56 | 35 | 365 | 368 |
| Buffalo----- | 131 | 141 | 1,421 | 1,614 | Louisville----- | 98 | 109 | 1,030 | 939 |
| Camden----- | 32 | 41 | 366 | 390 | Memphis----- | 105 | 77 | 992 | 939 |
| Elizabeth----- | 25 | 45 | 379 | 347 | Mobile----- | 30 | 31 | 327 | 330 |
| Erie----- | 40 | 16 | 325 | 334 | Montgomery----- | (36) | (20) | (271) | (299) |
| Jersey City----- | 71 | 86 | 766 | 756 | Nashville----- | 82 | 64 | 544 | 579 |
| Newark, N. J.----- | 99 | 134 | 1,193 | 1,133 | WEST SOUTH CENTRAL | | | | |
| New York City----- | 1,656 | 1,776 | 16,708 | 17,136 | Austin----- | 30 | 28 | 237 | 284 |
| Paterason----- | 44 | 64 | 444 | 415 | Baton Rouge----- | 23 | 15 | 163 | 148 |
| Philadelphia----- | 527 | 522 | 5,035 | 5,068 | Corpus Christi----- | 20 | 14 | 180 | 138 |
| Pittsburgh----- | 186 | 168 | 1,812 | 1,741 | Dallas----- | 82 | 91 | 924 | 894 |
| Rochester, N. Y.----- | 89 | 100 | 967 | 915 | El Paso----- | 28 | 24 | 293 | 308 |
| Schenectady----- | 30 | 27 | 249 | 225 | Fort Worth----- | 55 | 53 | 551 | 554 |
| Syracuse----- | 59 | 64 | 546 | 526 | Houston----- | 131 | 129 | 1,276 | 1,228 |
| Trenton----- | 39 | 57 | 482 | 484 | Little Rock----- | 66 | 68 | 509 | 424 |
| Utica----- | 26 | 32 | 298 | 302 | New Orleans----- | 164 | 192 | 1,579 | 1,781 |
| Yonkers----- | 22 | 36 | 285 | 293 | Oklahoma City----- | 47 | 66 | 578 | 570 |
| EAST NORTH CENTRAL | | | | | San Antonio----- | 85 | 95 | 806 | 857 |
| Akron----- | 50 | 56 | 588 | 513 | Shreveport----- | 65 | 30 | 414 | 377 |
| Canton----- | 31 | 33 | 318 | 269 | Tulsa----- | 71 | 20 | 418 | 375 |
| Chicago----- | 710 | 757 | 7,194 | 7,527 | MOUNTAIN | | | | |
| Cincinnati----- | 158 | 152 | 1,475 | 1,540 | Albuquerque----- | 26 | 29 | 252 | 245 |
| Cleveland----- | 221 | 195 | 2,117 | 2,123 | Colorado Springs----- | 10 | 12 | 117 | 113 |
| Columbus----- | 109 | 136 | 1,063 | 1,047 | Denver----- | 107 | 113 | 1,088 | 977 |
| Dayton----- | 68 | 73 | 620 | 626 | Ogden----- | 18 | 14 | 128 | 90 |
| Detroit----- | 341 | 330 | 3,155 | 3,353 | Phoenix----- | 22 | 16 | 215 | 193 |
| Evansville----- | 32 | 35 | 342 | 305 | Pueblo----- | 12 | 11 | 110 | 78 |
| Flint----- | 38 | 32 | 370 | 298 | Salt Lake City----- | 45 | 36 | 397 | 340 |
| Fort Wayne----- | 39 | 29 | 306 | 344 | Tucson----- | (6) | (5) | (60) | (65) |
| Grand Rapids----- | 32 | 45 | 379 | 399 | PACIFIC | | | | |
| Indianapolis----- | 118 | 133 | 1,146 | 1,097 | Berkeley----- | 11 | 30 | 206 | 187 |
| Milwaukee----- | 100 | 124 | 1,193 | 1,180 | Long Beach----- | 53 | 61 | 515 | 490 |
| Peoria----- | 31 | 40 | 337 | 299 | Los Angeles----- | 541 | 390 | 4,992 | 4,716 |
| South Bend----- | 37 | 25 | 248 | 272 | Oakland----- | 101 | 111 | 1,090 | 1,001 |
| Toledo----- | 90 | 104 | 953 | 935 | Pasadena----- | 36 | 40 | 349 | 327 |
| Youngstown----- | 46 | 41 | 497 | 421 | Portland, Oreg.----- | 96 | 94 | 1,071 | 1,101 |
| WEST NORTH CENTRAL | | | | | Sacramento----- | 55 | 54 | 494 | 482 |
| Des Moines----- | 56 | 56 | 538 | 507 | San Diego----- | 78 | 99 | 805 | 697 |
| Duluth----- | 26 | 29 | 235 | 263 | San Francisco----- | 160 | 231 | 2,016 | 2,087 |
| Kansas City, Kans.----- | 21 | 34 | 366 | 363 | Seattle----- | 119 | 122 | 1,183 | 1,193 |
| Kansas City, Mo.----- | 131 | 125 | 1,212 | 1,129 | Spokane----- | 49 | 43 | 393 | 404 |
| Minneapolis----- | 114 | 128 | 1,191 | 1,175 | Tacoma----- | 47 | 35 | 364 | 370 |
| Omaha----- | 63 | 64 | 630 | 556 | Honolulu----- | (25) | (41) | (327) | (352) |
| St. Louis----- | 238 | 290 | 2,437 | 2,347 | | | | | |

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