

Morbidity and Mortality

Weekly
Report



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

Public Health Service

NATIONAL OFFICE OF VITAL STATISTICS

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Provisional Information on Selected Notifiable Diseases in the United States for Week Ended July 11, 1953

NOTICE

As required by law, we are circularizing the mailing list of the MORBIDITY AND MORTALITY WEEKLY REPORT. During this month you will receive a card to verify your mailing address and your continued interest in this publication. To remain on the mailing list, the self-addressed card must be returned no later than—

July 31, 1953

The total number of cases of poliomyelitis reported for the week ended July 11 was 949 as compared with 1,044 for the same week last year. The cumulative total since the seasonal low point of incidence is 4,112, which is only 2 percent above the total (4,025) for last year. During the past 4 weeks the total was 2,513 cases as compared with 2,663 for the same period last year.

States which showed a substantial increase in the current week as compared with the previous 2 weeks were: Connecticut, New Jersey, Pennsylvania, Ohio, Illinois, Kansas, Virginia, North Carolina, and Tennessee.

In North Carolina poliomyelitis cases have been most numerous in the western third of the State, centering in Caldwell and Catawba Counties where 26 and 21 cases, respectively, were officially reported for the current week. For the current week 5 cases were reported in Macon County, Illinois, where mass immunization with gamma globulin is being carried out. No official reports are available for the other areas where gamma globulin has been given on a mass immunization basis, namely, in New York and Alabama.

Deaths from poliomyelitis for the current week were reported as follows: Colorado, 1; Oklahoma, 1; Minnesota, 4 (of which 3 were in Ramsey County); and Virginia, 1.

A high proportion of nonparalytic cases continues to be reported from many of the States.

EPIDEMIOLOGICAL REPORTS

Plague infection

Mr. Bertram Gross, Hawaii Department of Health, reports the finding of 2 plague infections within the endemic area of the Hamakua District on June 17, 1953. They were proved positive for *P. pestis* by mass flea inoculations. One sample was of 2 fleas, *X. hawaiiensis*, obtained from 1 male rat, *R. hawaiiensis*, and the other was of 2 fleas, *X. hawaiiensis*, obtained from one female rat, *R. hawaiiensis*. Both rats were trapped in District 3A, Kapulena area. Since January 1, 1953, 5 other plague infections have been found in this area.

Amebiasis

Dr. A. L. Marshall, Indiana State Board of Health, has reported preliminary information on a group of cases of amebiasis, the majority of which occurred among workers in a single manufacturing plant in the northern part of the State. Thirty-one cases were reported, 1 to 3 each week, over several months. Investigation of food handlers in the plant cafeteria and in nearby eating places revealed that a number of such employees were affected. The water supply and connections in the plant are being studied intensively, and water from the city supply is being used temporar-

ily. About one-half of the employees in a sample group were found to be carrying *Endameba histolytica*, while in another large manufacturing plant nearby, only 4 percent were found to be carrying the organism. All carriers of the organism are being treated systematically under medical supervision.

Shigellosis

Dr. H. Kleinman, Red Lake Indian Hospital, Minnesota, has reported 8 additional cases of sonnei type dysentery in the Red Lake Indian Reservation. A previous report of cases in this area appeared in the Communicable Disease Summary for the week ended May 23, 1953.

Dr. W. L. Halverson, Director, California Department of Public Health, gives preliminary information on an outbreak of shigellosis following a wedding reception attended by 132 persons. Of these, at least 62 became ill. Cases also occurred in families of persons who attended the reception. *Shigella sonnei* was isolated from stool specimens of 50 patients. Frozen turkeys which were left at room temperature both before and after they were cooked were suspected as the vehicle of infection. The investigation is not yet complete.

Trichiniasis

Dr. F. H. Wentworth, Ohio Department of Health, reports an outbreak of trichiniasis in a family in the northeastern part of the State. Preliminary investigation indicates that the vehicle of infection was prepared bologna which had been ground in a butcher shop in the same grinder in which raw pork had been ground. The diagnosis was based on the clinical picture and an eosinophilia which ranged from 18 to 75 percent in the various patients. Information is not yet available whether the pork involved was from grain or garbage fed hogs.

Gastro-enteritis

Dr. W. L. Halverson, Director, California Department of Public Health, reports 2 outbreaks of gastro-enteritis among persons eating in private homes. The first outbreak involved 5 persons among 13 who ate an evening meal. Only those who had eaten custard filled cake were affected. The symptoms were nausea, vomiting, and cramps, which began about 4 1/2 hours after the suspected food was eaten. A sample of the cake was collected for laboratory examination but the results have not yet been received. The other outbreak occurred among 45 persons, involving 11. The incubation period was 1 1/2 to 5 hours. Specimens were taken from the food and a laboratory examination on these revealed the presence of coagulase positive hemolytic staphylococcus in potato salad, cole slaw, and borsch. There was no history of any previous illness in the food handler

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but a cut was observed on one finger.

Dr. Halverson also reports an outbreak of gastro-enteritis among persons who ate in a cafe in California. Of 15 persons eating the suspected food, 11 became ill about 6 1/2 hours later. The symptoms were nausea, abdominal cramps, vomiting, and diarrhea. A culture of vomitus from one patient was positive for staphylococci and streptococci. The suspected vehicles of infection were potato salad, and banana and coconut cream pies. The pies were made in the cafe one afternoon, cooled, and placed in a pie case where they remained until noon the next day. The case is equipped with a refrigeration unit and contains a thermometer, but the operator failed to check the temperature. On the day following the outbreak, when an investigation was made, it was discovered that the refrigeration unit was out of order. None of the cream pies were available for bacteriological studies. However, numerous *Staphylococcus Albus* colonies were present in the potato salad.

Communicable diseases in other areas

Information has been received on the widespread outbreak of *Salmonella typhimurium* infection in Sweden. The cases have been scattered throughout the country, and the infection appeared to spread with explosive force. The primary source of infection is believed to be a large meat packing house which distributes its products throughout the country. Rats are reported to be numerous in this establishment. A paratyphoid epidemic was traced to this same source in 1941. A total of 4,351 cases with 52 deaths have been reported, and 27 carriers have been found in the meat packing house. The mortality rate is about 1 percent, and deaths are chiefly among infants and the aged. Travelers to Sweden are urgently advised to obtain typhoid-paratyphoid inoculations prior to entering the country.

A report from Godthaab, Greenland, states there have been 12 deaths from poliomyelitis and 30 hospitalized cases at Egedesminde.

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 1948-52 | Approximate seasonal low week ended | CUMULATIVE TOTAL SINCE SEASONAL LOW WEEK | | 5-year median 1947-48 through 1951-52 | CUMULATIVE TOTAL FOR CALENDAR YEAR | | 5-year median 1948-52 |
|---|----------------------|---------------|-----------------------|-------------------------------------|--|--------------------|---------------------------------------|------------------------------------|--------------------|-----------------------|
| | July 11, 1953 | July 12, 1952 | | | 1952-53 | 1951-52 | | 1953 | 1952 | |
| Anthrax-----062 | - | - | - | (¹) | (¹) | (¹) | (¹) | 20 | 19 | 33 |
| Botulism-----049.1 | - | - | --- | (¹) | (¹) | (¹) | (¹) | 6 | 8 | --- |
| Brucellosis (undulant fever)----044 | 50 | 64 | --- | (¹) | (¹) | (¹) | (¹) | ² 877 | 1,125 | --- |
| Diphtheria-----055 | 25 | 31 | 61 | July 1 | 45 | 53 | 119 | ³ 1,077 | 1,434 | 3,128 |
| Encephalitis, acute infectious---082 | 18 | 21 | 15 | (¹) | (¹) | (¹) | (¹) | 548 | 641 | 381 |
| Hepatitis, infectious, and serum-----092,N998.5 pt. | 569 | 150 | --- | (¹) | (¹) | (¹) | (¹) | ⁴ 17,960 | 9,151 | --- |
| Malaria-----110-117 | 39 | 472 | --- | (¹) | (¹) | (¹) | (¹) | ⁵ 558 | 3,411 | --- |
| Measles-----085 | 5,741 | 5,317 | 5,961 | Sept. 1 | 425,759 | 689,890 | 559,811 | 394,325 | 628,217 | 526,914 |
| Meningococcal infections-----057 | 79 | 79 | 66 | Sept. 1 | ⁶ 4,653 | 4,310 | 3,393 | ⁷ 3,379 | 3,068 | 2,345 |
| Poliomyelitis, acute-----080 | 949 | 1,044 | 615 | Apr. 1 | ⁷ 4,112 | ⁸ 4,025 | 2,557 | ⁹ 5,626 | ⁸ 5,213 | 3,719 |
| Rabies in man-----094 | - | - | --- | (¹) | (¹) | (¹) | (¹) | 3 | 8 | --- |
| Rocky Mountain spotted fever---104A | 23 | 18 | 20 | (¹) | (¹) | (¹) | (¹) | ⁹ 152 | 149 | 192 |
| Scarlet fever and streptococcal sore throat-----050,051 | 1,194 | 769 | 515 | Aug. 1 | ¹⁰ 132,848 | 90,528 | 75,512 | ¹⁰ 96,260 | 73,074 | 53,409 |
| Smallpox-----084 | - | - | - | (¹) | (¹) | (¹) | (¹) | 16 | 13 | 23 |
| Trichiniasis-----128 | 12 | 4 | --- | (¹) | (¹) | (¹) | (¹) | 233 | 197 | --- |
| Tularemia-----059 | 11 | 17 | 19 | (¹) | (¹) | (¹) | (¹) | 291 | 362 | 530 |
| Typhoid fever-----040 | 61 | 88 | 72 | Apr. 1 | 666 | 651 | 651 | 949 | 1,032 | 1,046 |
| Typhus fever, endemic-----101 | 14 | 2 | --- | Apr. 1 | 1179 | 61 | --- | ¹¹ 117 | 88 | --- |
| Whooping cough-----056 | 737 | 789 | 1,180 | Oct. 1 | 26,255 | 43,233 | 63,223 | 17,728 | 28,118 | 40,036 |
| Rabies in animals----- | 116 | 106 | --- | (¹) | (¹) | (¹) | (¹) | 4,149 | 4,742 | --- |

¹Not computed.

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

³Addition: Alabama, week ended June 27, 2 cases.

⁴Addition: Alabama, week ended June 27, 1 case.

⁵Deduction: Alabama, week ended June 27, 4 cases.

⁶Deduction: Alabama, week ended June 27, 1 case.

⁷Deduction: Maryland, Arkansas, and Oregon, week ended June 27, 1 case each.

⁸Figures corrected to agree with corrected Illinois report.

⁹Deduction: Alabama, week ended June 27, 1 case.

¹⁰Deduction: Alabama, week ended June 27, 1 case.

¹¹Deduction: Alabama, week ended June 27, 2 cases.

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 which rarely occur (cholera, dengue, plague, 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.

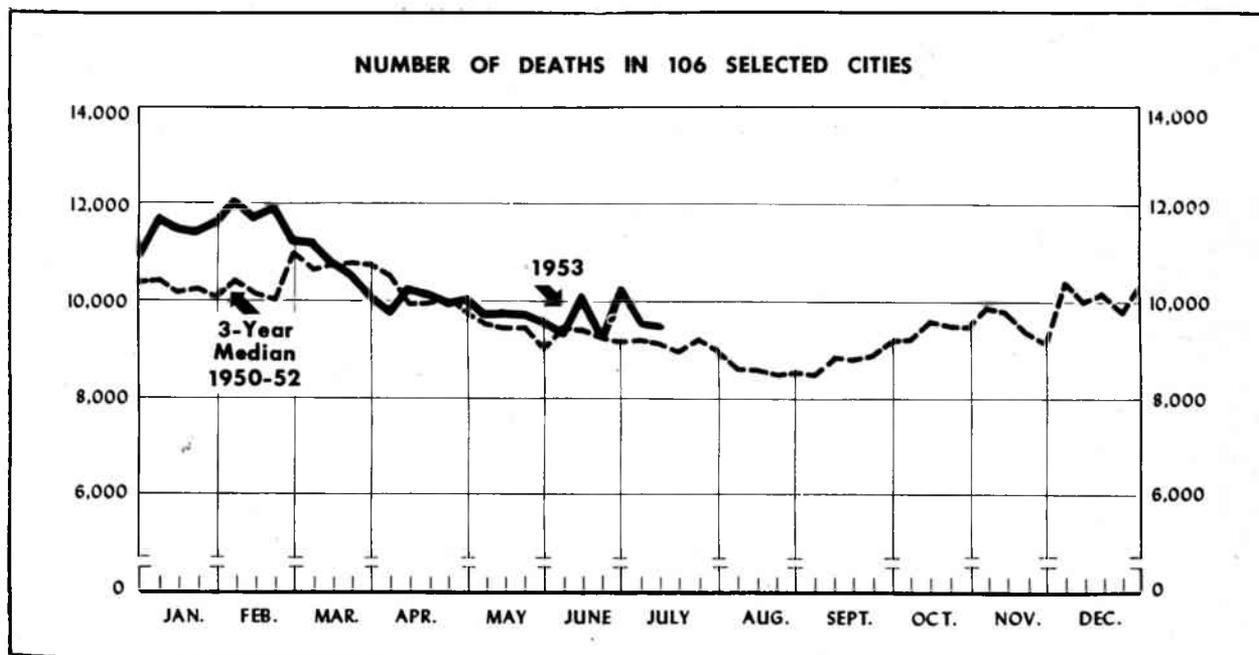
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**Table 2. CASES OF SPECIFIED DISEASES WITH COMPARATIVE DATA: UNITED STATES,
EACH DIVISION AND STATE FOR WEEK ENDED JULY 11, 1953**

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

| AREA | DIPHTHERIA (055) | | HEPATITIS, INFECTIOUS, AND SERUM (092, N998.5 pt.) | | MEASLES (085) | | MENINGOCOCCAL INFECTIONS (057) | | POLIOMYELITIS, ACUTE (080) | | SCARLET FEVER AND STREPTOCOCCAL SORE THROAT (050, 051) | |
|---------------------------|---------------------|------|---|------|------------------|-------|--------------------------------------|------|----------------------------------|-------|---|------|
| | 27th week | | 27th week | | 27th week | | 27th week | | 27th week | | 27th week | |
| | 1953 | 1952 | 1953 | 1952 | 1953 | 1952 | 1953 | 1952 | 1953 | 1952 | 1953 | 1952 |
| UNITED STATES----- | 25 | 31 | 569 | 150 | 5,741 | 5,317 | 79 | 79 | 949 | 1,044 | 1,194 | 769 |
| NEW ENGLAND----- | - | - | 27 | 4 | 93 | 422 | 4 | 3 | 30 | 12 | 51 | 32 |
| Maine----- | - | - | 5 | 1 | 17 | 99 | - | 2 | 4 | 3 | 12 | - |
| New Hampshire----- | - | - | 6 | - | - | 14 | - | 2 | - | - | 3 | 4 |
| Vermont----- | - | - | - | - | 19 | 24 | 1 | - | 3 | 1 | - | - |
| Massachusetts----- | - | - | 8 | 3 | 31 | 160 | 2 | 1 | 6 | 6 | 21 | 16 |
| Rhode Island----- | - | - | 1 | - | 2 | 13 | - | - | 1 | - | 1 | 1 |
| Connecticut----- | - | - | 7 | - | 24 | 112 | 1 | - | 14 | 2 | 14 | 11 |
| MIDDLE ATLANTIC----- | 6 | - | 84 | 20 | 467 | 1,074 | 17 | 15 | 82 | 44 | 98 | 90 |
| New York----- | 3 | - | 75 | 13 | 245 | 504 | 7 | 5 | 53 | 26 | 73 | 56 |
| New Jersey----- | 3 | - | - | - | 60 | 383 | 1 | 4 | 14 | 10 | 16 | 16 |
| Pennsylvania----- | - | - | 9 | 7 | 162 | 187 | 9 | 6 | 15 | 8 | 9 | 18 |
| EAST NORTH CENTRAL----- | 1 | 1 | 61 | 16 | 1,409 | 1,685 | 24 | 15 | 187 | 101 | 90 | 118 |
| Ohio----- | - | 1 | 10 | 4 | 226 | 272 | 8 | 2 | 66 | 41 | 18 | 20 |
| Indiana----- | - | - | 13 | 6 | 116 | 34 | 6 | 1 | 17 | 5 | 5 | 34 |
| Illinois----- | - | - | 19 | 2 | 346 | 215 | 9 | 8 | 57 | 31 | 22 | 16 |
| Michigan----- | 1 | - | 17 | 3 | 357 | 360 | 1 | 2 | 34 | 19 | 29 | 37 |
| Wisconsin----- | - | - | 2 | 1 | 364 | 804 | - | 2 | 13 | 5 | 16 | 11 |
| WEST NORTH CENTRAL----- | - | - | 105 | 13 | 187 | 175 | 6 | 3 | 105 | 163 | 25 | 40 |
| Minnesota----- | - | - | 19 | - | 28 | 28 | 2 | 1 | 36 | 17 | 7 | 13 |
| Iowa----- | - | - | 31 | 5 | 87 | 37 | 1 | 1 | 8 | 72 | 3 | 5 |
| Missouri----- | - | - | 30 | 6 | 15 | 67 | 1 | - | 24 | 5 | 4 | 17 |
| North Dakota----- | - | - | 3 | - | 23 | 9 | - | - | - | - | 4 | 4 |
| South Dakota----- | - | - | 1 | - | 7 | 2 | 1 | - | 5 | 15 | 3 | - |
| Nebraska----- | - | - | 9 | 2 | 8 | 15 | - | - | 13 | 35 | 1 | 1 |
| Kansas----- | - | - | 12 | - | 19 | 17 | 1 | 1 | 19 | 19 | 3 | - |
| SOUTH ATLANTIC----- | 8 | 7 | 117 | 34 | 405 | 405 | 8 | 12 | 192 | 104 | 150 | 146 |
| Delaware----- | - | - | 3 | - | 27 | 12 | - | - | - | - | - | 4 |
| Maryland----- | - | - | 10 | 2 | 35 | 32 | 1 | 2 | 6 | 2 | 10 | 4 |
| District of Columbia----- | - | 1 | 7 | - | 4 | 7 | - | - | 3 | 5 | 2 | - |
| Virginia----- | 1 | 2 | 50 | 13 | 111 | 175 | 1 | 2 | 39 | 13 | 105 | 109 |
| West Virginia----- | - | - | 10 | - | 62 | 68 | 1 | - | 21 | 17 | 16 | 2 |
| North Carolina----- | 1 | 4 | 10 | 5 | 55 | 40 | 1 | 7 | 76 | 11 | 7 | 12 |
| South Carolina----- | 4 | - | 4 | - | 26 | 13 | - | - | 8 | - | 2 | - |
| Georgia----- | 2 | - | 7 | 12 | 52 | 22 | 1 | 1 | 26 | 18 | 4 | 8 |
| Florida----- | - | - | 16 | 2 | 33 | 36 | 3 | - | 13 | 38 | 4 | 7 |
| EAST SOUTH CENTRAL----- | 3 | 14 | 64 | 26 | 99 | 205 | 3 | 14 | 101 | 90 | 42 | 12 |
| Kentucky----- | - | 1 | 20 | 1 | 42 | 38 | 1 | 5 | 18 | 18 | 31 | 2 |
| Tennessee----- | 1 | - | 7 | 8 | 26 | 66 | - | 5 | 31 | 21 | 7 | 10 |
| Alabama----- | - | 2 | 6 | 13 | 4 | 99 | 2 | 3 | 23 | 13 | 2 | - |
| Mississippi----- | 2 | 11 | 31 | 4 | 27 | 2 | - | 1 | 29 | 38 | 2 | - |
| WEST SOUTH CENTRAL----- | 2 | 3 | 49 | - | 1,026 | 368 | 5 | 8 | 167 | 412 | 534 | 180 |
| Arkansas----- | - | - | 5 | - | 60 | 86 | - | 2 | 17 | 9 | 23 | 29 |
| Louisiana----- | - | - | - | - | 20 | 6 | - | 2 | 36 | 60 | - | 2 |
| Oklahoma----- | - | - | 2 | - | 53 | 14 | - | 1 | 25 | 47 | 4 | 3 |
| Texas----- | 2 | 3 | 42 | - | 893 | 262 | 5 | 3 | 89 | 296 | 507 | 146 |
| MOUNTAIN----- | 4 | 2 | 16 | 5 | 378 | 234 | 1 | 3 | 29 | 47 | 53 | 77 |
| Montana----- | - | - | - | - | 17 | 37 | - | - | 1 | 5 | 4 | 2 |
| Idaho----- | 2 | - | 1 | - | 40 | 22 | - | - | - | 3 | 9 | 1 |
| Wyoming----- | - | - | 1 | - | 58 | 4 | - | - | 1 | - | 9 | - |
| Colorado----- | - | 2 | 6 | 2 | 117 | 55 | - | 1 | 3 | 10 | 7 | 1 |
| New Mexico----- | 1 | - | 1 | 1 | 49 | 16 | 1 | 1 | 6 | 22 | 8 | 2 |
| Arizona----- | - | - | - | 1 | 34 | 45 | - | 1 | 9 | 7 | 5 | 62 |
| Utah----- | 1 | - | 6 | 1 | 62 | 55 | - | - | 3 | - | 11 | 9 |
| Nevada----- | - | - | 1 | - | 1 | - | - | - | 6 | - | - | - |
| PACIFIC----- | 1 | 4 | 46 | 32 | 1,677 | 749 | 11 | 6 | 56 | 71 | 151 | 74 |
| Washington----- | - | - | 5 | 1 | 371 | 55 | 2 | - | 7 | 18 | 6 | 5 |
| Oregon----- | - | 2 | 20 | 12 | 133 | 56 | 1 | - | 4 | 7 | 22 | 9 |
| California----- | 1 | 2 | 21 | 19 | 1,173 | 638 | 8 | 6 | 45 | 46 | 123 | 60 |
| Alaska----- | (-) | (-) | (-) | (-) | (118) | (5) | (-) | (-) | (5) | (-) | (5) | (-) |
| Hawaii----- | (-) | (-) | (-) | (-) | (3) | (13) | (-) | (-) | (2) | (11) | (1) | (1) |
| Puerto Rico----- | (8) | (4) | (2) | (-) | (33) | (7) | (2) | (1) | (1) | (2) | (-) | (-) |

Provisional Statistics for Deaths in Selected Cities for
Week Ended July 11, 1953



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 | 27th week ended July 11, 1953 | 26th week ended July 4, 1953 | 27th week median 1950-52 | Percentage difference between current week and median | CUMULATIVE NUMBER FOR FIRST 27 WEEKS | | |
|-------------------------------------|-------------------------------|------------------------------|--------------------------|---|--------------------------------------|---------|-----------------------|
| | | | | | 1953 | 1952 | Percentage difference |
| TOTAL: 105 REPORTING CITIES----- | 9,530 | 9,526 | 9,085 | +4.9 | 281,444 | 272,618 | +3.2 |
| New England----- (14 cities) | 649 | 579 | 631 | +2.9 | 18,674 | 18,541 | +0.7 |
| Middle Atlantic----- (17 cities) | 2,820 | 2,954 | 2,796 | +0.9 | 83,952 | 82,483 | +1.8 |
| East North Central----- (18 cities) | 1,992 | 2,101 | 2,019 | -1.3 | 62,061 | 59,845 | +3.7 |
| West North Central----- (9 cities) | 722 | 714 | 648 | +11.4 | 21,750 | 20,442 | +6.4 |
| South Atlantic----- (9 cities) | 818 | 724 | 686 | +19.2 | 21,821 | 21,341 | +2.2 |
| East South Central----- (7 cities) | 390 | 388 | 415 | -6.0 | 12,264 | 11,728 | +4.6 |
| West South Central----- (12 cities) | 730 | 735 | 694 | +5.2 | 20,024 | 18,714 | +7.0 |
| Mountain----- (7 cities) | 220 | 224 | 222 | -0.9 | 6,677 | 6,095 | +9.5 |
| Pacific----- (12 cities) | 1,189 | 1,107 | 1,133 | +4.9 | 34,221 | 33,429 | +2.4 |

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Table 5. DEATHS IN SELECTED CITIES FOR WEEK ENDED

JULY 11, 1953

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

| CITY | 27th week ended July 11, 1953 | 26th week ended July 4, 1953 | CUMULATIVE NUMBER FOR FIRST 27 WEEKS | | CITY | 27th week ended July 11, 1953 | 26th week ended July 4, 1953 | CUMULATIVE NUMBER FOR FIRST 27 WEEKS | |
|-------------------------|-------------------------------|------------------------------|--------------------------------------|--------|-------------------------|-------------------------------|------------------------------|--------------------------------------|---------|
| | | | 1953 | 1952 | | | | 1953 | 1952 |
| NEW ENGLAND | | | | | WEST NORTH CENTRAL—Con. | | | | |
| Boston----- | 200 | 198 | 6,288 | 6,223 | St. Paul----- | 58 | 51 | 1,758 | 1,666 |
| Bridgeport----- | 42 | 27 | 911 | 978 | Wichita----- | 45 | 29 | 1,153 | 1,076 |
| Cambridge----- | 22 | 30 | 779 | 843 | SOUTH ATLANTIC | | | | |
| Fall River----- | 34 | 22 | 784 | 768 | Atlanta----- | 141 | 99 | 2,941 | 2,737 |
| Hartford----- | 43 | 47 | 1,257 | 1,220 | Baltimore----- | 220 | 173 | 6,339 | 6,446 |
| Lowell----- | 23 | 21 | 708 | 694 | Charlotte----- | 24 | 25 | 786 | 748 |
| Lynn----- | 32 | 12 | 609 | 599 | Miami----- | 81 | 53 | 1,696 | 1,499 |
| New Bedford----- | 19 | 19 | 649 | 643 | Norfolk----- | 35 | 24 | 877 | 859 |
| New Haven----- | 52 | 46 | 1,224 | 1,184 | Richmond----- | 75 | 78 | 1,808 | 1,902 |
| Providence----- | 58 | 54 | 1,670 | 1,728 | Tampa----- | 51 | 40 | 1,518 | 1,542 |
| Somerville----- | 11 | 18 | 425 | 445 | Washington, D. C.----- | 162 | 195 | 4,941 | 4,720 |
| Springfield, Mass.----- | 38 | 28 | 1,087 | 1,028 | Wilmington, Del.----- | 29 | 37 | 915 | 888 |
| Waterbury----- | 22 | 21 | 723 | 661 | EAST SOUTH CENTRAL | | | | |
| Worcester----- | 53 | 36 | 1,560 | 1,527 | Birmingham----- | 69 | 63 | 1,964 | 1,839 |
| MIDDLE ATLANTIC | | | | | Chattanooga----- | 36 | 66 | 1,309 | 1,263 |
| Albany----- | 38 | 36 | 1,232 | 1,122 | Knoxville----- | 27 | 29 | 898 | 904 |
| Buffalo----- | 129 | 133 | 3,965 | 3,809 | Louisville----- | 81 | 76 | 2,918 | 2,720 |
| Camden----- | 41 | 42 | 986 | 1,011 | Memphis----- | 99 | 97 | 2,876 | 2,636 |
| Elizabeth----- | 14 | 18 | 784 | 840 | Mobile----- | 32 | 17 | 857 | 876 |
| Erie----- | 26 | 56 | 953 | 900 | Montgomery----- | (30) | (24) | (756) | (735) |
| Jersey City----- | 63 | 74 | 1,925 | 2,012 | Nashville----- | 46 | 40 | 1,442 | 1,490 |
| Newark, N. J.----- | 120 | 101 | 2,938 | 2,895 | WEST SOUTH CENTRAL | | | | |
| New York City----- | 1,399 | 1,566 | 44,250 | 43,500 | Austin----- | 28 | 22 | 701 | 639 |
| Paterson----- | 36 | 51 | 1,082 | 1,053 | Baton Rouge----- | 12 | 11 | 386 | 424 |
| Philadelphia----- | 515 | 453 | 13,377 | 13,128 | Corpus Christi----- | 14 | 20 | 490 | 442 |
| Pittsburgh----- | 169 | 159 | 4,779 | 4,765 | Dallas----- | 106 | 106 | 2,641 | 2,423 |
| Rochester, N. Y.----- | 102 | 107 | 2,645 | 2,548 | El Paso----- | 27 | 30 | 799 | 738 |
| Schenectady----- | 17 | 18 | 657 | 620 | Fort Worth----- | --- | (69) | --- | (1,459) |
| Syracuse----- | 50 | 48 | 1,452 | 1,450 | Houston----- | 125 | 110 | 3,391 | 3,120 |
| Trenton----- | 40 | 50 | 1,336 | 1,217 | Little Rock----- | 47 | 70 | 1,230 | 1,223 |
| Utica----- | 29 | 27 | 863 | 817 | New Orleans----- | 157 | 140 | 4,375 | 4,176 |
| Yonkers----- | 32 | 15 | 728 | 796 | Oklahoma City----- | 50 | 78 | 1,553 | 1,404 |
| EAST NORTH CENTRAL | | | | | San Antonio----- | 90 | 67 | 2,279 | 2,039 |
| Akron----- | 54 | 48 | 1,605 | 1,502 | Shreveport----- | 31 | 36 | 1,118 | 1,051 |
| Canton----- | 22 | 20 | 756 | 748 | Tulsa----- | 43 | 45 | 1,061 | 1,035 |
| Chicago----- | 641 | 693 | 20,754 | 19,937 | MOUNTAIN | | | | |
| Cincinnati----- | 151 | 150 | 4,040 | 3,951 | Albuquerque----- | 33 | 22 | 739 | 665 |
| Cleveland----- | 192 | 161 | 5,691 | 5,734 | Colorado Springs----- | 5 | 19 | 368 | 333 |
| Columbus----- | 81 | 101 | 2,875 | 2,753 | Denver----- | 92 | 97 | 3,025 | 2,801 |
| Dayton----- | 59 | 56 | 1,721 | 1,649 | Ogden----- | 11 | 16 | 333 | 354 |
| Detroit----- | 269 | 302 | 8,749 | 8,456 | Phoenix----- | 32 | 24 | 650 | 570 |
| Evansville----- | 25 | 32 | 919 | 952 | Pueblo----- | 14 | 8 | 370 | 296 |
| Flint----- | 44 | 28 | 1,027 | 930 | Salt Lake City----- | 33 | 38 | 1,192 | 1,076 |
| Fort Wayne----- | 33 | 39 | 831 | 814 | Tucson----- | (6) | (2) | (143) | (141) |
| Grand Rapids----- | 45 | 27 | 1,076 | 1,021 | PACIFIC | | | | |
| Indianapolis----- | 88 | 124 | 3,108 | 3,028 | Berkeley----- | 14 | 10 | 467 | 517 |
| Milwaukee----- | 112 | 127 | 3,405 | 3,246 | Long Beach----- | 45 | 50 | 1,305 | 1,268 |
| Peoria----- | 30 | 34 | 856 | 786 | Los Angeles----- | 428 | 383 | 12,271 | 12,007 |
| South Bend----- | 18 | 29 | 659 | 614 | Oakland----- | 90 | 85 | 2,649 | 2,644 |
| Toledo----- | 73 | 84 | 2,518 | 2,430 | Pasadena----- | 39 | 19 | 945 | 868 |
| Youngstown----- | 55 | 46 | 1,471 | 1,294 | Portland, Oreg.----- | 82 | 116 | 2,786 | 2,606 |
| WEST NORTH CENTRAL | | | | | Sacramento----- | 51 | 42 | 1,313 | 1,263 |
| Des Moines----- | 55 | 52 | 1,373 | 1,392 | San Diego----- | 82 | 60 | 1,970 | 1,925 |
| Duluth----- | 28 | 31 | 732 | 675 | San Francisco----- | 160 | 153 | 5,264 | 5,240 |
| Kansas City, Kans.----- | 42 | 40 | 949 | 958 | Seattle----- | 117 | 118 | 3,183 | 3,043 |
| Kansas City, Mo.----- | 108 | 90 | 3,451 | 3,136 | Spokane----- | 50 | 39 | 1,146 | 1,120 |
| Minneapolis----- | 114 | 131 | 3,589 | 3,098 | Tacoma----- | 31 | 32 | 922 | 928 |
| Omaha----- | 49 | 67 | 1,850 | 1,735 | Honolulu----- | (31) | (25) | (857) | (903) |
| St. Louis----- | 223 | 223 | 6,895 | 6,706 | | | | | |

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