# Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended November 17, 1956 

Of the 48 cases of diphtheria reported this week, 15 were in Michigan, 6 in Texas, and 4 each in Georgia and Nebraska.

Missouri reported 7 cases of typhoid fever this week, but 6 of these actually occurred in August. They were associated with a church camp meeting held late in July at Monark Springs. Details of the outbreak were given in this repcrt for the weeks ended August 25 and September 1.

The numbers of reported cases of poliomyelitis by type for the United States for the current week, disease year, and calendar year are:

| TYPE | CURRENTWERTK |  | DISEASEYEAR |  | CALENDARYEAR |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1956 | 1955 | '1956 | 1955 | 1956 | 1955 |
| TOTAL--------- | 235 | 457 | 13,582 | 26,951 | 14,649 | 28,014 |
| Paralytic----...----- | 117 | 201 | 5,728 | 9,542 | 6,311 | 10,006 |
| Nonparalytic-------- | 69 | 150 | 5,383 | 10,472 | 5,668 | 10,762 |
| Unspecifled--------- | 49 | 106 | 2,471 | 6,937 | 2,670 | 7,246 |

## EPIDEMIOLOGICAL REPORTS

## Q fever

Dr. D. S. Fleming, Minnesota Department of Health, has reported a case of $Q$ fever in a 73 -year-old man. He developed a sudden onset of chills, fever, sweats, pain in chest over sternum and lower ribs, and some cough with reddish brown sputum. Rales were present, but the $X$-ray findings were negative. The patient's white blood count was 11,750 . There was no response to penicillin but there was rapid clinical recovery with broad spectrum antibiotics. The complement fixation test for $Q$ fever was negative for a blood specimen collected 6 days after onset. The titer rose to $1: 64$ on a specimen collected during the third week and to $1: 128$ on a specimen collected during the fifth week. In each instance complement fixation tests for psittacosis and cold agglutinins were negative. The patient traveled extensively during the incubation period of the disease but denies any contact with animals. However, he did visit a State fair, not far from his home, where cattle, horses, sheep, and chickens were exhibited. He also consumed raw cream which came from a cow that showed the absence of $Q$ fever on complement fixation test.

## Botulism

Information has been received of 2 fatal cases of botulism in a family living in Maryland. Seven other members of the family were also hospitalized. The suspected vehicle of infection is a home-canned product.

Rabies in a bat
Dr. F S. Leeder, Michigan Department of Health, has reported a case of rabies in abat. The bat was found on the ground by a 9 -year-old boy when returning to school after lunch. The
boy took it to school with him, and after school he took it to a Cub Scout meeting where the bat bit him. After the meeting the boy took the bat home, and it was put in a cage. Seven days later the bat was found on the floor of the cage, apparently in a moribund condition. Later in the day it died. A local veterinarian sent the head of the bat to a laboratory where a slide preparation was made, but no Negri bodies were found. However, Negri bodies were found in mice inoculated with material from the bat's brain. Antirabic treatment was started on the boy approximately 3 weeks after the incident.

The animal was identified as a large brown bat, Eptesicus fuscus fuscus. This is a migratory bat, but many are observed to winter in the State.

## Salmonellosis

Dr. James R. Enright, Hawaii Department of Health, has given preliminary information on an outbreak of salmonellosis among laborers in a rural area. An investigation revealed that at least 2 laborers had cramps and diarrhea about 12 hours after an evening meal. This meal consisted of soup, meat, and rice. The meat was probably from an animal butchered by the laborers with the help of their roommate and a neighbor. They frequently butchered animals and peddled the uninspected meat through the camp and to other places. Laboratory examination of a sample of the meat revealed Salmonella enteritidis. The same organism was also isolated from the 2 patients.

Dr. Tartakow, Nassau County (New York) Health Department, has reported an outbreak of 38 -cases of an illness in a school. An investigation revealed the only meal in common was that served at noon the day prior to onset of the first case. Thus, the incubation period was estimated to be from 21 to 52 hours. No food served at this meal was available for laboratory tests. Stool specimens from 20 patients were tested, but only 1 revealed a Salmonella organism. No illness was reported among the food handlers, and there was no report on stool cultures from them.

## Metallic food poisoning

The Oregon State Board of Health has given preliminary information on an outbreak of metallic possoning following the consumption of an acid drink. The drink had been stored for several days in a chipped enamelware container.

## Gastro-enteritis

Dr. Tartakow, Nassau County (New York) Health Department, has reported an outbreak of gastro-enteritis following a wedding party. Twenty-eight of the 90 persons who attended, became ill with vomiting, diarrhea, and abdominal cramps from $1 \frac{1}{2}$ to $7 \frac{1}{2}$ hours after eating food served at the party. The food was prepared in private homes by individuals who were not equipped to handle a large volume of food. Bacteriologic examination of a number of sandwiches (ham salad, egg salad, and cream cheese) revealed coagulase-positive, hemolytic Staphylococcus aureus.

The Illinois Department of Public Health has reported an outbreak of gastro-enteritis following a bridal shower. Ten persons became ill about 2 hours after eating food at the party. The food consisted of ground beef and bologna sandwiches,
baked beans, potato salad, carrot and pea salad, and pickles. The beef was cooked the day before, the bone removed, and then allowed to cool before refrigeration. The next morning the meat was ground and mixed with pickles and salad dressing. Later the sandwiches were made and served at noon. Specimens of meat submitted to the laboratory yielded hemolytic staphylococci.

The Los Angeles City Health Department has reported an outbreak of gastro-enteritis among 200 persons who ate in a restaurant. Of these, 24 developed vomiting, cramps, diarrhea, and chills from 3 to 12 hours later. Each patient had eaten at least one tamale, the suspected vehicle of infection. The ingredients used in the tamales were pork shoulder, chile, tomato sauce, garlic, ground corn, salt, and lard. The pork was boiled for 3 hours, cooled, and chopped by hand. After chopping, it
was added to the rest of the tamale ingredients. The finished products were placed in pans of 100 each and refrigerated. The tamales were cooked for 2 hours just prior to time of service. Bacteriologic examination of specimens of tamales, potato salad, and cake were negative for pathogenic organisms.

## Communicable diseases in other areas

A moderate outbreak of influenza-like disease has been reported among the civilian population in Antigua, British West Indies. No confirmatory laboratory tests were reported.

An outbreak of typhoid fever has been reported in a town located at the eastern end of Cuba, near the city of Guantanamo, which is about 25 miles from the U. S. Naval Base at Guantanamo Bay. As of November 8, approximately 80 cases had been reported.

Table 1. CASES OF SPECIFIED NOTIFLABLE DISEASES: CONTINENTAL UNITED STATES
(Numbers after diseases are category numbers of the Sixth Revision of the International Lists, 2948)

| DISEASE | 46 th WEFK |  |  | CUMULATIVE NUMBER |  |  |  |  |  | ```Approxi- mate seasonal low point``` |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Ended } \\ \text { Nov. } \\ 17, \\ 1956 \end{gathered}$ | $\begin{array}{\|c} \text { Ended } \\ \text { Nov. } \\ 19, \\ 1955 \end{array}$ | $\begin{array}{r} \text { Median } \\ 1951-55 \end{array}$ | First 46 weeks |  |  | Since seasonal low week |  |  |  |
|  |  |  |  | 1956 | 1955 | $\begin{gathered} \text { Median } \\ 1951-55 \end{gathered}$ | 1955-56 | 1954-55 | $\begin{gathered} \text { Median } \\ \text { 1950-51 } \\ \text { to } \\ 1954-55 \end{gathered}$ |  |
| Anthrax-------------------------062 | - | - | - | 34 | 26 | 31 | (1) | ( ${ }^{1}$ ) | ${ }^{1}{ }^{1}$ | (1) |
| Botulism-----------------------049.1 | - | - | --- | 12 | 6 | --- | ( ${ }^{1}$ | ( ${ }^{1}$ ) | (1) | ( ${ }^{1}$ |
| Brucellosis (undulant fever)-----044 | 22 | 20 | -- | 2969 | 1,138 | ---- | --- | --- | --- | --- |
| Diphtheria-----------------------055 | 48 | 63 | 74 | 1,299 | 1,598 | 2,077 | 473 | 889 | 1,025 | July 1 |
| Encephalitis, infectious---------082 | 32 | 14 | 16 | 2,009 | 1,384 | 1,384 | 1,380 | 824 | 824 | June 1 |
| Hepatitis, infectious, and serum------------092,N998.5 pt. | 285 | 510 | --- | 17,273 | 28,815 | --- |  |  |  |  |
| Malaria----------------------110-117 | 2 | 4 | -- | 220 | 434 | --- | ${ }^{1}$ ) | ( ${ }^{1}$ ) | ( ${ }^{1}$ ) | ${ }^{1}$ ) |
| Measles--------------------------085 | 2,471 | 2,151 | 2,320 | 591,196 | 530,228 | 530,228 | 14,502 | 11,829 | 13,472 | Sept. 1 |
| Meningococcal infections---------057 | 34 | 79 | 79 | 2,414 | 3,105 | 3,677 | 449 | 534 | 663 | Sept. 1 |
| Meningitis, other----------------340 | 47 | --- | --- | 1,419 | --- | --- | --- | --- | --- |  |
| Poliomyelitis---------------------080 | 235 | 457 | 573 | 14,649 |  | 34,071 | 13,582 | 26. 951 | 32,490 |  |
| Psittacosis-------------------096.2 | 2 | 7 | -- | 456 | 250 | --- | ( ${ }^{1}$ ) | (1) | (1) | (1) |
| Rabies in man--------------------094 | - | - | - | 8 | 5 | 10 | (1) | (1) | (1) | (1) |
| Smallpox-------------------------084 | - | - | - | $\overline{-}$ | - | 5 | ( ${ }^{1}$ | ( ${ }^{2}$ | $\left.{ }^{1}\right)$ | ${ }^{1}$ ) |
| Typhoid fever-------------------0.-040 | 26 | 21 | 38 | 1,643 | 1,556 | 2,104 |  |  |  |  |
| Typhus fever, endemic------------101 | 4 | 1 | --- | 96 | 120 | --- | ${ }^{1}$ ) | (1) | (1) | $(2)$ |
|  | 58 | 95 | 117 | 4,219 | 4,590 | 6,378 | 467 | 555 | 781 | Oct. 1 |

[^0]
## SOURCE AND NATURE OF MORBIDITY DATA

These provisional data are based on reports to the Public Health Service from health departments of each State and of Alaska, Hawaii, and Puerto Rico. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday. Cases of anthrax, botulism, rabies in man, and smallpox are not shown in table 2,
but a footnote to table 1 shows the States making the reports. In addition, when diseases of rare occurrence (cholera, dengue, plague, relapsing fever-louse borne, typhus fever-epidemic, and yellow fever) are reported, they will be noted at the end of table 1.

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

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED NOVEMBER 19, 1955 AND NOVEMBER 17, 1956
(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)


Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED NOVEMBER, 19, 1955 AND NOVEMBER 17, 1956-Continued
(By place of occurrence. Numbers under diaeasea are categary numbers of the Sixth Reviaion of the International Lists, 194日)


[^1]Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA,
HAWAII, AND PUERTO RICO, FOR WEEKS ENDED NOVEMBER 19,1955 AND NOVEMBER 17 1956-Continued HAWAII, AND PUERTO RICO, FOR WEEKS ENDED NOVEMBER 19, 1955 AND NOVEMBER 17, 1956-Continued
(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Ifsts, 1948)

| AREA | MENINGOCOCCAL INFECTIONS$057$ |  | MENINGITIS, OTHER | PSIITACOSIS$096.2$ |  | TYPHOLD FEVER 040 |  |  |  | TYPHUS <br> FEVER, ENTDEMIC $101$ | RABIES IN ANIMALS |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 46 th week |  |  | Cumulative first 46 weeks |  |  |  |  |
|  | 1956 | 1955 |  | 1956 | 1956 | 1955 | 1956 | 1955 | 1956 | 1955 | 1956 | 1956 | 1955 |
| CONT. UNITED STATES------ | 34 | 79 | 47 | 2 | 7 | 26 | 21 | 1,643 | 1,556 | 4 | 58 | 95 |
| NEW ENGLAND---------------- | - | 4 | 2 | 1 | - | 2 | 1 | 53 | 34 | - | - |  |
| Maine---- | - | - | - | - | - | - | - | 15 | 6 | - | - |  |
| New Hampshire---------------- | - | 1 | 1 | 1 | - | - | - | - | - | - | - | - |
| Vermont------.------------------ | - | - | - | - | - | 2 | - | 3 | 1 | - | - | - |
| Massachusette----------------- | - | 1 | 1 | - | - | - | 1 | 17 | 14 | - | - | - |
| Rhode Island------------------- | - | - | - | - | - | - | - | 6 | 2 | - | - | - |
| Connecticut--------------------- | - | 2 | - | - | - | - | - | 12 | 11 | - | - | - |
| MIDDLE ATLANTIC------------ | 5 | 17 | - | - | 1 | 3 | 2 | 200 | 163 | - | 4 | 14 |
| New York----------------------- | 3 | 3 | - | - | - | - | 1 | 58 | 41 | - | 3 | 10 |
| New Jersey--------------------- | 1 | 4 | - | - | 1 | 1 | - | 32 | 26 | - | - | - |
| Pennaylvania-------------.---- | 1 | 10 | - | - | - | 2 | 1 | 110 | 96 | - | 1 | 4 |
| RAST NORTH CENTKAL--------- | 17 | 26 | 7 | - | - | - | 5 | 214 | 157 | - | 2 | 6 |
| Ohio--------------------------- | 5 | 4 | - | - | - | - | - | 56 | 68 | - | - | 5 |
| Indiana---------------------- | 1 | 8 | 6 | - | - | - | 1 | 30 | 23 | - | 1 | - |
| Illinois------------------------ | 1 | 8 | 1 | - | - | - | - | 36 | 32 | - | - | - |
| Michigan------------------------ | 4 | 4 | - | - | - | - | 3 | 50 | 26 | - | 1 | - |
| Wiaconsin-------------------- | - | 2 | - | - | - | - | 1 | 42 | 8 | - | - | 1 |
| WEST NORTH CENTRAL--------- | - | - | 1 | - | 2 | 9 | 1 | 194 | 90 | - | 10 | 10 |
| Minnesota----------------------- | - | - | - | - | 2 | - | - | 37 | 7 | - | 3 | 3 |
| Iown-------------------------- | - | - | 1 | - | - | 2 | - | 59 | 25 | - | 2 | 1 |
|  | - | - | - | - | - | 7 | 1 | 63 | 47 | - | 4 | 5 |
| North Dakota------------------ | - | - | - | - | - | - | - | 6 | - | - | - | 2 |
| South Dakota------------------ | - | - | - | - | - | - | - | 3 | 5 | - | - | - |
| Nebraska----------------------- | - | - | - | - | - | - | - | 13 | 4 | - | 1 | - |
| Kansag------------------------- | - | - | - | - | - | - | - | 13 | 2 | - | - |  |
| SOUTH ATLANIIC-------------- | 6 | 8 | 8 | - | 4 | 3 | 1 | 265 | 285 | 1 | 12 | 15 |
| Delaware----------------------- | - | - | - | - | - | - | - | 3 | 2 | - | - |  |
| Maryland----------------------- | - | - | - | - | - | - | - | 17 | 21 | - | - |  |
| Diatrict of Columbia--------- | - | - | 2 | - | - | - | - | 12 | 6 | - | - | - |
| Virginia---------------------- | 1 | 2 | 4 | - | - | - | - | 54 | 43 | - | 2 | 4 |
| Weat Virginia---------------- | - | - | - | - | - | - | 1 | 23 | 38 | - | - | - |
| North Carolina--------------- | 5 | 1 | - | - | 4 | 1 | - | 27 | 30 | - | 2 | 1 |
| South Carolina--------------- | - | 1 | - | - | - | 1 | - | 28 | 47 | 1 | 2 | 7 |
| Georgia---------------------- | - | - | 2 | - | - | 1 | - | 52 | 45 | - | 6 | 3 |
| Florida---------------------- | - | 4 | - | - | - | - | - | 49 | 53 | - | - |  |
| EAST SOUTH CENTRAL--------- | 3 | 9 | 14 | - | - | - | 3 | 222 | 239 | - | 12 | 12 |
| Kentucky------------------------ | 1 | 4 | 2 | - | - | - | 2 | 51 | 103 | - | 5 | 7 |
| Tennessee----------------------- | - | 2 | 10 | - | - | - | 1 | 81 | 75 | - | 2 | - |
| Alabama----------------------- | 2 | 2 | - | - | - | - | I | 26 | 40 | - | 5 | 5 |
| Miasie日ippi----------------- | - | 1 | 2 | - | - | - | I | 64 | 21 | - | 5 | - |
| WEST SOUTH CENTRAL--------- | 3 | 8 | 7 | - | - | 4 | 2 | 310 | 376 | 3 | 15 | 22 |
| Arkanaas----------------------- | - | - | 1 | - | - | - | - | 69 | 77 | - | 4 | 6 |
| Louisiana----------------------- | 1 | 1 | - | - | - | - | - | 44 | 77 | - | 10 | 12 |
| Oklahoma------------------------ | 1 | 2 | 2 | - | - | - | - | 47 | 49 | - | 1 | - |
| Teras-- | 1 | 5 | 4 | - | - | 4 | 2 | 150 | 173 | 3 | 1 | 4 |
| MOUNTAIN-----n---------------- | 3 | 1 | 5 | - | - | 2 | 3 | 73 | 112 | - | - | - |
| Montana-------------------------- | - | - |  | - | - | - | - | 3 | 5 | - | - | - |
| Idaho-------------------------- | - | - | - | - | - | - | 1 | 3 | 12 | - | - | - |
| Wyoming------------------------- | 1 | - | - | - | - | - | 1 | 2 | 6 | - | - |  |
| Colorado---------------------- | 1 | - | 3 | - | - | 1 | - | 21 | 12 | - | - | - |
|  | - | 1 | 2 | - | - | - | - | 17 | 54 | - | - | - |
| Arizons--------------------------- | - | - | - | - | - | 1 | 1 | 24 | 18 | - | - | - |
| Utah------------------------------ | 1 | - | - | - | - | - | - | 1 | 4 | - | - | - |
| Nevada--------------------------- | - | - | - | - | - | - | 1 | 2 | 1 | - | - |  |
| PACIFIC------------------- | 3 | 6 | 3 | 1 | - | 3 | 3 | 112 | 100 | - | 3 | 16 |
| Washington-------------------- | - | 1 | 1 | - | - | - | - | 3 | 2 | - | $-$ | 16 |
| Oregon------------------------- | 1 | 1 | 2 | - | - | - | - | 14 | 12 | - | - | $\square$ |
| Callfornia------------------- | 2 | 4 | - | 1 | - | 3 | 3 | 95 | 86 | - | 3 | 16 |
| Alaska------------------------- | - | - | - |  |  |  | - | 1 | 4 | - | - | - |
|  | - | - | - | - | - | - | - | - | - | - | - | - |
| Puerto Rico--------------------- | - | - | - | - | - | 1 | 2 | 73 | 46 | - | - | - |



The chart shows the number of deaths reported for 108 major cities of the United States by week for the current year, and, for comparison, the median of the number of deaths reported for the corresponding weeks of the 3 previous calendar years. (The median is the central one of the three values arranged in order of magnitude.) If a report is not received from a city in time to be included in the total for the current week, an estimate is made to maintain comparability for graphic presentation.

The figures reported represent the number of death certificates received in the vital statistics offices during the week indicated for deaths occurring in that city. Figures compiled in this way, by week of receipt, usually approximate closely the number of deaths occurring during the week. However, differences are to be expected because of variations in the
interval between death and receipt of the certificate.
While week-to-week changes in the total number of deaths reported for all major cities generally represent a change in mortality conditions, this may not be true for variations in weekly figures for each city. For example, in a city with a weekly average of 50 deaths, the number of deaths occurring in a week may be expected to vary by chance alone from 36 to $64(d \pm 2 \sqrt{d}$, where $d$ represents the average number of deaths per week).

The number of deaths in cities of the same size may also differ because of variations in the age, race, and sex composition of their populations, and because some cities are hospital centers serving the surrounding areas. Changes from year to year in the number of deaths may be due in part to population increases or decreases.

Table 3. DEATHS IN SELECTED CITIES BY GEOGRAPHIC DIVISION
(By place of occurrence, and week of filing certificate. Exclusive of fetal deaths)

| AREA | 46th week ended Nov. 175 1956 | $\begin{array}{r} 45 \mathrm{th} \\ \text { week } \\ \text { ended } \\ \text { Nov. } \\ 10, \\ 1956 \end{array}$ | $\begin{gathered} 46 \mathrm{th} \\ \text { week } \\ \text { median } \\ 1953-55 \end{gathered}$ | Percent change, median to current week | CUMULATIVE NUMBER <br> FIRST 46 WEEKS |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | 1956 | 1955 | Percent change |
| TOTAL: 105 REPORTING CITIES | 10,143 | 9,999 | 10,663 | -4.9 | 464,755 | 457,654 | +1.6 |
| New England------------------------------------(14 cities) | 681 | 656 | 742 | -8.2 | 30,847 | 31,170 | -1.0 |
| Midde Atlantic-------------------------------(16 cities) | 2,962 | 2,734 | 3,122 | -5.1 | 134,449 | 134,542 | -0.1 |
| Esst North Central------------------------------(17 cities) | 2,179 | 2,240 | 2,312 | -5.8 | 101,594 | 100,206 | +1.4 |
| West North Central------------------------------(8 cities) | 707 | 730 | 756 | -6.5 | 31,855 | 31,298 | +1.8 |
| South Atlantic----------------------------------(9 cities) | 785 | 744 | 797 | -1.5 | 36,379 | 34,996 | $+4.0$ |
| East South Central-----------------------------(8 cities) | 421 | 444 | 492 | -14.4 | 21,476 | 21,282 | +0.9 |
| West South Central-----------------------------(13 cities) | 884 | 807 | 815 | +8.5 | 38,483 | 36,046 | +6.8 |
| Mountain----------------------------------------(8 cities) | 236 | 251 | 243 | -2.9 | 11,249 | 10,798 | $+4.2$ |
| Pacific----------------------------------------(12 cities) | 1,288 | 1,393 | 1,329 | -3.1 | 58,423 | 57,316 | +1.9 |

Table 4. DEATHS IN SELECTED CITIES FOR WEEK ENDED NOVEMBER 17, 1956
(By place of occurrence, and week of filing certificate. Excluaive of fetal deatha)

| CITY | 46 th <br> ended <br> Nov. <br> 17, <br> 1956 | 45 th <br> week <br> ended <br> Nov. <br> 10, <br> 1956 | CUMDLATIVE NUMBER <br> FIRST 46 WEAKS |  | CITY | $\begin{gathered} 46 \text { th } \\ \text { week } \\ \text { ended } \\ \text { Nov. } \\ 17, \\ 1956 \end{gathered}$ | 45th <br> week ended Nov. 10, 1956 | CUMILATIVE NUMBER <br> FIRST 46 WEEKS |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | 1956 | 1955 |  |  |  | 1956 | 1955 |
| NEW ENGLAND |  |  |  |  | HEST NORTI CIENTRAL-Con. |  |  |  |  |
| Boston, Masa. | 259 | 229 | 10,445 | 10,595 | St. Lou1t, Mo.------------- | 214 | 249 | 10,626 | 10,007 |
| Bridgeport, Conn. | 27 | 25 | 1,664 | 1,684 | St. Paul, Minn. --.--------- | 65 | 57 | 2,997 | 2,942 |
| Cambridge, Masa. | 32 | 25 | 1,331 | 1,345 | Wichita, Kana. ------------- | --- | (20) | --- | $(1,769)$ |
| Fall River, Masa. | 23 | 35 | 1,258 | 1,260 | SOUTH ATLANTIC |  |  |  |  |
| Hartford, Conn. | 44 | 50 | 2,175 | 2,063 | SOUTH ATLANTIC |  |  |  |  |
| Lowell, Masa. | 21 | 29 | 1,080 | 1,167 | Atlanta, Ga.-------------- | 102 | 102 | 4,935 | 4,760 |
| Lymn, Mase | 21 | 21 | 953 | 1,008 | Baltimore, Md.------------- | 234 | 218 | 10,539 | 10,252 |
| New Bedford, Mase | 25 | 20 | 1,041 | 1,098 | Charlotte, N. C.----------- | 21 | 21 | 1,382 | 1,263 |
| New Haver, Conn. | 42 | 50 | 2,071 | 1,953 | Jackaonville, Fla. --.-.-.-- | (70) | (50) | $(2,349)$ | $(2,188)$ |
| Providence, R. I | 58 | 55 | 2,812 | 2,902 | Mlami, Fla..- | 57 | 53 | 2,331 | 2,393 |
| Somerville, Masa | 12 | 9 | 697 | 687 | Norfolk, Va | 33 | 45 | 1,484 | 1,441 |
| Springfield, Masa | 33 | 44 | 1,883 | 1,918 | Richmond, Va...---.-------- | 61 | 64 | 3,179 | 2,920 |
| Waterbury, Conn. | 23 | 24 | 1,152 | 1,149 | Savannah, Ga.-------------- | (33) | (31) | $(1,309)$ | $(1,307)$ |
| Worcester, Masa. | 61 | 40 | 2,285 | 2,341 | Tampa, Fla.-.-------------- | 56 | 56 | 2,642 | 2,465 |
|  |  |  |  |  | Waohington, D. C.---------- | 182 | 154 | 8,290́ | 7,887 |
| MIDDLLE ATLANTIC |  |  |  |  | Wilmington, Del.-------.--- | 39 | 31 | 1,591 | 1,615 |
| Albany, N. Y.-------- | 37 | 42 | 2,212 | 2,177 | EAST SOUTH CENTRAL |  |  |  |  |
| Allentorn, Pa | (32) | (40) | $(1,690)$ | $(1,649)$ |  |  |  |  |  |
| Buffalo, N. Y | 180 | 104 | 6,538 | 6,194 | Birmingham, Ala. <br> Chattanooga, Tenn. | 61 | 77 38 | 3,456 | 3,513 1,998 |
| Camden, N. J | --- | (37) | 1255 | (1,661) | Chattanooga, Tenn. <br> Knoxville, Tenn. | 45 18 | 38 21 | 1,921 | 1,998 1,522 |
| Elizabeth, N. J | 26 | 24 | 1,255 | 1,197 | Knoxville, Tern.-------------------- Louiaville, Ky. | 18 | 21 91 | 1,498 | 1,522 |
| Erie, Pa. | 48 | 23 | 1,499 | 1,576 |  | 97 | 91 | 4,806 | 4,706 |
| Jersey City, N. | 59 | 65 | 3,157 | 3,154 | Memphis, Tenn. <br> Mobile, Ala | 90 | 92 | 4,473 | 4,494 |
| Newark, N. J. | 97 | 96 | 4,418 | 4,559 | Mobile, Ala.-------------------------- Montgomery, | 24 19 | 43 | 1,558 1,291 | 1,325 |
| New Yark City, N. Y. | 1,599 | 1,452 | 70,896 | 71,457 | Montgomery, Ala.--------------------- Nashville, | 19 | 24 58 | 1,291 | 1,179 |
| Pateraon, N. J.----- | 46 | 44 | 1,720 | 1,683 | Nashville, Tern | 67 | 58 | 2,473 | 2,545 |
| Philadelphia, Pa | 431 | 427 | 21,663 | 21,734 | WEST SOUTH CENTRAL |  |  |  |  |
| Pittaburgh, Pa. | 178 | 184 | 8,316 | 8,080 |  |  |  |  |  |
| Reading, Pa. | (16) | (16) | (979) | $(1,038)$ | Autin, Tex.-.-.------------- | 29 | 29 | 1,252 | 1,173 |
| Rocheater, N. Y | 82 | 81 | 4,313 | 4,291 | Baton Rouge, La.----------- | 31 | 13 | 1,013 | 958 |
| Schenectady, N. | 25 | 18 | 1,018 | 1,020 | Corpus Christi, Tex.------ | 19 | 21 | 905 | 788 |
| Scranton, Pa. | (30) | (32) | $(1,553)$ | $(1,537)$ | Dallas, Tez | 121 | 115 | 4,933 | 4,463 |
| Syracuse, N. | 63 | 57 | 2,689 | 2,519 | El Paso, Tex | 33 | 21 | 1,236 | 1,283 |
| Trenton, N. J | 32 | 55 | 1,995 | 2,179 | Fort Worth, Tex.----------- | 58 | 56 | 2,650 | 2,497 |
| Utica, N. Y. | 40 | 32 | 1,410 | 1,417 | Hourton, Tex.--------------- | 126 | 120 | 6,162 | 5,712 |
| Yonkers, N. Y | 19 | 30 | 1,350 | 1,305 | Little Rock, Ark.---------- | 49 | 47 | 2,125 | 2,019 |
|  |  |  |  |  | New Orleans, La.------------ | 169 | 161 | 7,213 | 6,857 |
| EAST NORTH CENTRAL |  |  |  |  | Oklahoms City, Okla.------- | 56 | 72 | 2,865 | 2,584 |
|  |  |  |  |  | San Antonio, Tex.-...----.-- | 98 | 78 | 3,999 | 3,889 |
| Akron, Ohio- | 66 | 47 | 2,408 | 2,377 | Shreveport, La.------------ | 35 | 43 | 2,051 | 1,802 |
| Canton, Ohio | 33 | 31 | 1,292 | 1,244 |  | 60 | 31 | 2,079 | 2,021 |
| Chicago, Ill. | 778 | 725 | 33,428 | 33,152 | MOUNTAIN |  |  |  |  |
| Cincinnati, Ohio- | 128 | 169 | 6,905 | 6,735 |  |  |  |  |  |
| Cleveland, Ohio | 192 | 213 | 9,347 | 9,011 | Albuquerque, N. Mex.-......- | 25 | 21 | 1,059 | 1,052 |
| Columbue, Ohio | 96 | 117 | 4,905 | 4,858 | Colorado Springs, Colo.---- | - | 11 | 592 | 591 |
| Dayton, Ohio-- | 74 | 80 | 3,014 | 2,959 | Denver, Colo.--------------- | 90 | 107 | 4,917 | 4,858 |
| Detroit, Mich. | 271 | 308 | 14,423 | 14,720 | Ogden, Utah----------------- | 17 | 15 | 589 | 508 |
| Evanaville, Ind. | 23 | 25 | 1,494 | 1,454 | Phoenix, Ariz.------------- | 22 | 20 | 1,168 | 1,095 |
| Flint, Mich.- | 35 | 36 | 1,754 | 1,699 | Pueblo, Colo.---------------- | 16 | 13 | 566 | 571 |
| Fort Wayne, Ind. | 39 | 39 | 1,634 | 1,524 |  | 42 | 54 | 2,042 | 1,917 |
| Gary, Ind. | (30) | (22) | $(1,299)$ | $(1,263)$ | Tucson, Ar | 15 | 10 | 316 | 206 |
| Grand Rapids, Mich. | 33 | 39 | 1,864 | 1,906 | PACIFIC |  |  |  |  |
| Indianapolis, Ind.--- | 104 | 120 | 5,340 | 5,018 |  |  |  |  |  |
| M1 Iwaukee, H1a. | 117 | 112 | 5,674 | 5,668 | Berkeley, Calle.------------------- |  | 25 52 | 751 2,427 | \% 817 |
| Peoria, Ill. | 38 | 19 | 1,330 | 1,346 | Long Beach, Calif. <br> Loa Angelea, Calif. | 71 409 | 52 499 | 2,427 21,229 | 2,224 20,857 |
| South Bend, Ind. | -- | (19) | 4,--- | (1,134) | Loa Angeles, Calif.-------Oakland, Calif. | 409 93 | 499 87 | 21,229 4,145 | 20,857 3,949 |
| Toledo, Ohio- | 98 | 111 | 4,304 | 4,211 2,324 | Oakland, Calif. <br> Pasadena, Calif. | 93 36 | 87 | 4,145 1,598 | 3,949 1,656 |
| Youngatown, Ohio- | 54 | 49 | 2,478 | 2,324 | Pasadens, Calif.------------------- | [178 | +42 | 1,598 4,333 | 1,656 4,242 |
| WEST NORTE CENTRAL |  |  |  |  | Sacramento, Calif.---------- | 50 102 | 56 | 2,202 | 2,235 |
| Des Moinea, Iowa-----m | 53 | 57 | 2,286 | 2,351 | San Diego, Callf.------------- | 102 | 93 217 | 3,417 8,735 | 3,371 8,383 |
| Duluth, Minn.- | 24 | 22 | 1,191 | 1,159 | Seattle, Wagh.-........--.--- | 127 | 144 | 5,754 | 5,803 |
| Kanaea City, Kana. | 32 | 43 | 1,406 | 1,555 | Spokane, Weah.-------------- | 47 | 26 | 2,095 | 2,083 |
| Kansan City, Mo. | 121 | 100 | 4,933 | 4,995 | Tacoma, Waвh.-------------- | 35 | 36 | 1,737 | 1,696 |
| Minneapolia, Minn. | 112 | 147 | 5,442 | 5,371 |  |  |  |  |  |
| Omaha, Nebr. | 86 | 55 | 2,974 | 2,918 | Honolulu, Hawai1----------- | (33) | (29) | $(1,577)$ | $(1,638)$ |

Symbols.-parenthesea $[()]$ : data not included in table 3; 3 dashes [..-]: data not available.
u. S. DEPARTMENT OF health, education, and welfare

Public Health Service
Washington 25, D. C.
Official Business

FIRST CLASS MAIL


[^0]:    ${ }^{2}$ Frequencies are too small.
    ${ }^{2}$ Includes revised report from Iowa for week ended october 27.

[^1]:    ${ }^{1}$ Includes casea not specified by type, category number 080.3.
    ${ }^{2}$ Includes 6 delayed cases.

