# 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 and on Deaths in Selected Cities for Week Ended November 27, 1954

Three of the 7 cases of psittacosis reported this week occurred in California. Minnesota, New York, North Carolina, and Pennsylvania reported 1 case each for the current week. This is the first week since October 23 in which more than 1 case was reported in the country as a whole. The cumulative total cases for the year to date is now 423. Except for Texas, where an outbreak with 149 cases occurred among employees in poultry processing plants, California with 50 cases and Pennsylvania with 27, have reported the largest numbers of cases.

### EPIDEMIOLOGICAL REPORTS

Psittacosis

Dr. A. J. Chesley, Minnesota Department of Health, reports that psittacosis virus has been isolated from a parakeet. The original source of the bird was Chicago, which has been the source of 5 other infected parakeets in Minnesota. About 2 weeks after the parakeet was given to a man, his wife became ill with chills, fever, and a slight cough. The first blood specimen collected was negative for psittacosis. This is probably because she had been treated with achromycin. Three weeks later a blood specimen was positive for psittacosis in a dilution of 1:8. A diagnosis of psittacosis has been made, but further specimens will be studied. Three other persons who were exposed to the bird did not have any symptoms.

Epidemic diarrhea of the newborn

The Indiana State Board of Health reports an outbreak of diarrhea of the newborn involving 28 infants in 2 hospitals—12 cases with 5 deaths in one, and 16 cases with 2 deaths in the other. E. coli, "O," groups 126 and 127 were isolated from specimens collected. The mode of spread was not determined. There is a possibility that overcrowding may have been a contributing factor.

The California Department of Public Health reports an outbreak of 12 cases of diarrhea in the nursery of a hospital. The nursery was closed and a new one was opened, and one of the cases developed in the new nursery. There was no evidence of illness in either the mothers or the infants prior to the first case in this outbreak. An investigation revealed that the hospital needed funds to bring it up to acceptable standards. Recommendations were made to correct conditions necessary to prevent a recurrence of such an outbreak.

Infectious encephalitis

Dr. H. A. Holle, Texas Department of Health, has supplied supplemental epidemiological information on the outbreak of infectious encephalitis which occurred in the Rio Grande Valley in Texas during August and September 1954. In Hidalgo and Cameron Counties there were 120 officially reported cases between the week ended August 21 and the present time. Epidemiologic evidence and case findings suggest that there were actually 4 or 5 times as many cases as were officially reported. Three deaths have been registered officially as infectious encephalitis from these counties during the involved period, and on 8 death certificates, encephalitis was listed as a possible, probable, or contributory cause of death. There is reason to believe these deaths were caused by the outbreak.

The clinical findings of the affected patients were severe headache, high fever, stiff neck, general malaise, some gastrointestinal disturbance, and varying amounts of drowsiness and apathy.

The St. Louis encephalitis virus has been isolated from autopsy material of a fatal case, and there is significant serological evidence to support this virus as the cause of the outbreak.

The mosquito population for this area at this particular time of the year was low, and was composed predominantly of Culex quinquefasciatus. The St. Louis virus has been recovered from a pool of this species of mosquito. It is expected that further investigation will be forthcoming regarding possible avian vectors.

Suspect smallpox

Dr. H. A. Holle, Texas Department of Health, reports that a case suspected to be smallpox has occurred in Cherokee County. The patient was a 32-year-old married Negro man who developed symptoms on or about November 2. He developed vesicular lesions over his whole body and had a fever of 103°. The patient was placed in quarantine and recovered. One hundred and fifty individuals in the community received vaccination as a result of this case. No laboratory specimens were obtained for virus study, nor was the source of the infection determined. There have been no secondary cases to date.

Salmonellosis

Dr. Thomas R. Hood, Executive Secretary, Kansas State Board of Health, reports an outbreak of salmonellosis due to Salmonella munchen. The outbreak followed a recent church supper at which approximately 900 persons were served. Of these, about 350 became ill with fever, vomiting, severe diarrhea, and marked prostration from 24 to 72 hours later. Turkey, which had been prepared 24 hours before the dinner, was suspected to be the vehicle of infection. The turkeys were roasted and allowed to cool at room temperature. All the drippings were collected and allowed to stand at room temperature in an open crock. The following day the birds were sliced and the dressing, basted with the turkey drippings, was made. After the dressing had been baked for several hours, it was placed in a warming pan with slices of turkey which were basted with the drippings. Eleven of 25 food handlers who prepared the meal were found to harbor the epidemic strain of salmonella organism. Epidemiological investigation pointed to 2 of the group as the most probable source of the infection. These persons had been well both before and after the outbreak. One of them worked as a cook elsewhere for a family whose members had diarrhea 2 weeks earlier.

Dr. A. L. Marshall, Indiana State Board of Health, reports 26 cases of salmonellosis among 32 women who had eaten pie and coffee in a restaurant. One of these had a piece of cherry pie and did not become ill. The others ate coconut cream pie—4 of these ate only small amounts and were not ill. The remainder became ill with extreme abdominal pain, severe vomiting, and diarrhea from 8 to 48 hours later. Laboratory examination of 10 stool specimens showed 7 were positive for Salmonella. The coconut cream pies were also positive for Salmonella. Both are now being typed. Shigella was also isolated from one stool specimen.

Shigellosis

Dr. A. L. Marshall reports 2 outbreaks of shigellosis in different schools in Indiana. In one school, 61 children out of 310 became ill with nausea, vomiting, abdominal distress, and severe diarrhea. An investigation revealed a defect in the water supply, and corrections have been made to provide better water. It was also found that a student assistant, found positive for Shigella flexner, was using a very bad technique of inserting straws into milk. This could have easily contaminated the milk supply. Positive stools were obtained from a small number (15) due to the fact that private physicians had instituted antibiotic therapy. Other cases of diarrhea were reported among adults as well as children in the area. Stool specimens were not collected from these and no specific diagnosis was given.

In the other school there were 137 cases among 450 persons. This outbreak followed another (see Gastro-enteritis below) by 2 days. As a result of overlapping of symptoms, epidemiological study was difficult. Organisms were not isolated from food samples available, but S. flexner was found in stools of 10 students. The source of this outbreak was not found.

Gastro-enteritis

Dr. A. L. Marshall reports an outbreak of gastro-enteritis among 450 students in a school in Indiana. This outbreak occurred 2 days prior to an outbreak of shigellosis (see paragraph above). Of the students, 213 became ill with vomiting, nausea, and abdominal pains from 3½ hours upward. None of the cases were confirmed by laboratory examination. Potato salad, suspected to be the vehicle of infection, yielded Proteus rettgeri and Proteus morgani.

The North Carolina State Board of Health has reported an outbreak of gastro-enteritis among participants of a community barbecue. The local health officer estimated that 200 of the 2,500 persons who ate barbecues, slaw, potatoes, corn bread, various pastries, and other desserts became ill. The symptoms included.

Continued on page 8

Table 1. CASES OF SPECIFIED NOTIFIABLE DISEASES: CONTINENTAL UNITED STATES

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

| DISEASE | 47th week | | | CUMULATIVE NUMBER | | | | | | Approximate seasonal low point |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | First 47 weeks | | | Since seasonal low week | | | |
| | Ended Nov. 27, 1954 | Ended Nov. 28, 1953 | Median 1949-53 | 1954 | 1953 | Median 1949-53 | 1953-54 | 1952-53 | Median 1948-49 to 1952-53 | |
| Anthrax----------062 | - | - | - | 19 | 31 | 42 | (1) | (1) | (1) | (1) |
| Botulism----------049.1 | - | - | --- | 13 | 19 | --- | (1) | (1) | (1) | (1) |
| Brucellosis (undulant fever)------044 | 18 | 27 | --- | 1,534 | 1,644 | --- | (1) | (1) | (1) | (1) |
| Diphtheria----------055 | 49 | 49 | 86 | 1,828 | 2,126 | 3,713 | 956 | 1,074 | 1,743 | July 1 |
| Encephalitis, infectious----------082 | 34 | 12 | 12 | 1,795 | 1,044 | 940 | (1) | (1) | (1) | (1) |
| Hepatitis, infectious, and serum----------092,N998.5 pt. | 566 | 634 | --- | 45,888 | 29,277 | --- | (1) | (1) | (1) | (1) |
| Malaria----------110-117 | 15 | 20 | --- | 682 | 1,389 | --- | (1) | (1) | (1) | (1) |
| Measles----------085 | 3,350 | 2,573 | 2,206 | 651,575 | 427,530 | 489,091 | 23,747 | 16,852 | 14,670 | Sept. 1 |
| Meningococcal infections----------057 | 68 | 70 | 70 | 3,745 | 4,649 | 3,705 | 729 | 884 | 786 | Sept. 1 |
| Poliomyelitis----------080 | 397 | 396 | 506 | [2]37,311 | 34,467 | 34,467 | [2]35,758 | 32,886 | 32,886 | Apr. 1 |
| Psittacosis----------096.2 | [3]7 | - | --- | 423 | 51 | --- | (1) | (1) | (1) | (1) |
| Rabies in man----------094 | - | - | - | 6 | 13 | 10 | (1) | (1) | (1) | (1) |
| Rocky Mountain spotted fever-----104A | - | - | 2 | 283 | 290 | 329 | (1) | (1) | (1) | (1) |
| Scarlet fever and streptococcal sore throat----------050,051 | 2,180 | 1,995 | 1,183 | 133,069 | 121,423 | 67,715 | 25,328 | 21,816 | 10,535 | Aug. 1 |
| Smallpox----------084 | - | - | - | - | 4 | 15 | (1) | (1) | (1) | (1) |
| Trichiniasis----------128 | 4 | 3 | --- | [4]228 | 347 | --- | (1) | (1) | (1) | (1) |
| Tularemia----------059 | 11 | 12 | 9 | 535 | 488 | 580 | (1) | (1) | (1) | (1) |
| Typhoid fever----------040 | 29 | 25 | 33 | [5]2,134 | 2,129 | 2,279 | [5]1,724 | 1,824 | 1,876 | Apr. 1 |
| Typhus fever, endemic----------101 | 2 | 1 | --- | 170 | 219 | --- | 136 | 179 | --- | Apr. 1 |
| Whooping cough----------056 | 1,505 | 597 | 1,179 | 54,197 | 33,114 | 59,303 | 10,436 | 5,895 | 8,479 | Oct. 1 |
| Rabies in animals---------- | 109 | 139 | --- | 6,230 | 6,748 | --- | (1) | (1) | (1) | (1) |

[1]Information not available or frequencies are too small.
[2]Addition: Arkansas, week ended November 20, 1 case.
[3]Minnesota, New York, North Carolina, and Pennsylvania, 1 case each; California, 3 cases.
[4]Addition: Washington, week ended November 20, 1 case.
[5]Addition: Nebraska, week ended November 20, 1 case.

## SOURCE AND NATURE OF MORBIDITY DATA

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

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

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED NOVEMBER 28, 1953, AND NOVEMBER 27, 1954

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

| AREA | BRUCELLOSIS (UNDULANT FEVER) (044) | | DIPHTHERIA (055) | | ENCEPHALITIS, INFECTIOUS (082) | | HEPATITIS, INFECTIOUS, AND SERUM (092, N998.5 pt.) | | MALARIA (110-117) | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | Civilian[1] | | Military | |
| | 1954 | 1953 | 1954 | 1953 | 1954 | 1953 | 1954 | 1953 | 1954 | 1953 | 1954 | 1953 |
| CONT. UNITED STATES | 18 | 27 | 49 | 49 | 34 | 12 | 566 | 634 | 9 | 12 | 6 | 8 |
| NEW ENGLAND | 1 | - | 1 | - | 1 | - | 64 | 37 | 1 | - | - | - |
| Maine | - | - | - | - | - | - | 10 | 10 | - | - | - | - |
| New Hampshire | - | - | - | - | - | - | 3 | 6 | - | - | - | - |
| Vermont | 1 | - | - | - | - | - | 9 | 1 | - | - | - | - |
| Massachusetts | - | - | - | - | 1 | - | 25 | 19 | - | - | - | - |
| Rhode Island | - | - | 1 | - | - | - | 10 | - | - | - | - | - |
| Connecticut | - | - | - | - | - | - | 7 | 1 | 1 | - | - | - |
| MIDDLE ATLANTIC | 2 | 2 | - | - | 6 | 6 | 101 | 143 | - | - | - | - |
| New York | 2 | 2 | - | - | 5 | 6 | 69 | 131 | - | - | - | - |
| New Jersey | - | - | - | - | 1 | - | 1 | 1 | - | - | - | - |
| Pennsylvania | - | - | - | - | - | - | 31 | 11 | - | - | - | - |
| EAST NORTH CENTRAL | 6 | 7 | 5 | 2 | 2 | 4 | 69 | 98 | - | 2 | 1 | - |
| Ohio | - | 1 | - | - | 2 | - | 12 | 12 | - | - | - | - |
| Indiana | - | - | 1 | 2 | - | 1 | 12 | 30 | - | 1 | - | - |
| Illinois | 4 | 4 | - | - | - | 2 | 7 | 21 | - | - | - | - |
| Michigan | - | 2 | 4 | - | - | - | 24 | 19 | - | - | 1 | - |
| Wisconsin | 2 | - | - | - | - | 1 | 14 | 16 | - | 1 | - | - |
| WEST NORTH CENTRAL | 3 | 10 | - | 3 | 6 | 1 | 91 | 101 | 1 | - | - | - |
| Minnesota | - | 1 | - | 1 | - | - | 56 | 23 | 1 | - | - | - |
| Iowa | 1 | 5 | - | 1 | - | - | 27 | 62 | - | - | - | - |
| Missouri | - | 2 | - | 1 | - | - | 4 | 1 | - | - | - | - |
| North Dakota | - | - | - | - | - | - | 1 | 5 | - | - | - | - |
| South Dakota | - | 2 | - | - | - | - | 1 | 8 | - | - | - | - |
| Nebraska | - | - | - | - | - | - | - | - | - | - | - | - |
| Kansas | 2 | - | - | - | 6 | 1 | 2 | 2 | - | - | - | - |
| SOUTH ATLANTIC | 1 | 3 | 20 | 24 | - | - | 43 | 111 | - | - | 2 | 4 |
| Delaware | - | - | - | - | - | - | 2 | - | - | - | - | - |
| Maryland | - | 2 | 1 | - | - | - | 2 | 8 | - | - | - | - |
| District of Columbia | - | - | - | - | - | - | - | 1 | - | - | - | - |
| Virginia | - | 1 | 2 | - | - | - | 19 | 52 | - | - | 1 | - |
| West Virginia | - | - | 1 | 1 | - | - | 12 | 3 | - | - | - | - |
| North Carolina | - | - | 2 | 3 | - | - | 4 | 40 | - | - | - | 3 |
| South Carolina | - | - | 6 | 5 | - | - | 2 | - | - | - | - | - |
| Georgia | - | - | 5 | 14 | - | - | 2 | 6 | - | - | - | 1 |
| Florida | 1 | - | 3 | 1 | - | - | - | 1 | - | - | 1 | - |
| EAST SOUTH CENTRAL | 2 | 1 | 10 | 4 | 2 | - | 31 | 45 | 1 | 3 | - | 1 |
| Kentucky | - | - | 2 | - | - | - | 5 | 8 | - | - | - | 1 |
| Tennessee | - | - | - | - | 1 | - | 14 | 7 | - | - | - | - |
| Alabama | - | 1 | 6 | 3 | 1 | - | 1 | 11 | 1 | 3 | - | - |
| Mississippi | 2 | - | 2 | 1 | - | - | 11 | 19 | - | - | - | - |
| WEST SOUTH CENTRAL | 1 | 3 | 11 | 12 | 4 | 1 | 14 | 16 | 4 | 5 | - | - |
| Arkansas | - | - | - | 2 | - | - | 1 | 2 | - | 1 | - | - |
| Louisiana | 1 | - | 2 | - | - | - | - | - | - | - | - | - |
| Oklahoma | - | - | 1 | 3 | - | - | 1 | - | - | 1 | - | - |
| Texas | - | 3 | 8 | 7 | 4 | 1 | 12 | 14 | 4 | 3 | - | - |
| MOUNTAIN | 1 | - | - | 1 | 2 | - | 49 | 15 | - | 1 | - | - |
| Montana | - | - | - | - | - | - | 2 | 2 | - | - | - | - |
| Idaho | 1 | - | - | - | - | - | 6 | 8 | - | 1 | - | - |
| Wyoming | - | - | - | - | - | - | 1 | - | - | - | - | - |
| Colorado | - | - | - | 1 | - | - | 10 | 5 | - | - | - | - |
| New Mexico | - | - | - | - | - | - | 11 | - | - | - | - | - |
| Arizona | - | - | - | - | 2 | - | 17 | - | - | - | - | - |
| Utah | - | - | - | - | - | - | 2 | - | - | - | - | - |
| Nevada | - | - | - | - | - | - | - | - | - | - | - | - |
| PACIFIC | 1 | 1 | 2 | 3 | 11 | - | 104 | 68 | 2 | 1 | 3 | 3 |
| Washington | - | - | - | 2 | - | - | 17 | 17 | - | - | 3 | - |
| Oregon | - | - | - | 1 | - | - | 33 | 28 | - | - | - | - |
| California | 1 | 1 | 2 | - | 11 | - | 54 | 23 | 2 | 1 | - | 3 |
| Alaska | - | - | - | - | - | - | 8 | - | - | - | - | - |
| Hawaii | - | - | - | - | - | - | 3 | 5 | - | - | - | 3 |
| Puerto Rico | - | - | 3 | 2 | - | - | - | 2 | - | - | - | - |

[1] Includes cases not specified as civilian or military.

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED NOVEMBER 28, 1953, AND NOVEMBER 27, 1954—Continued

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

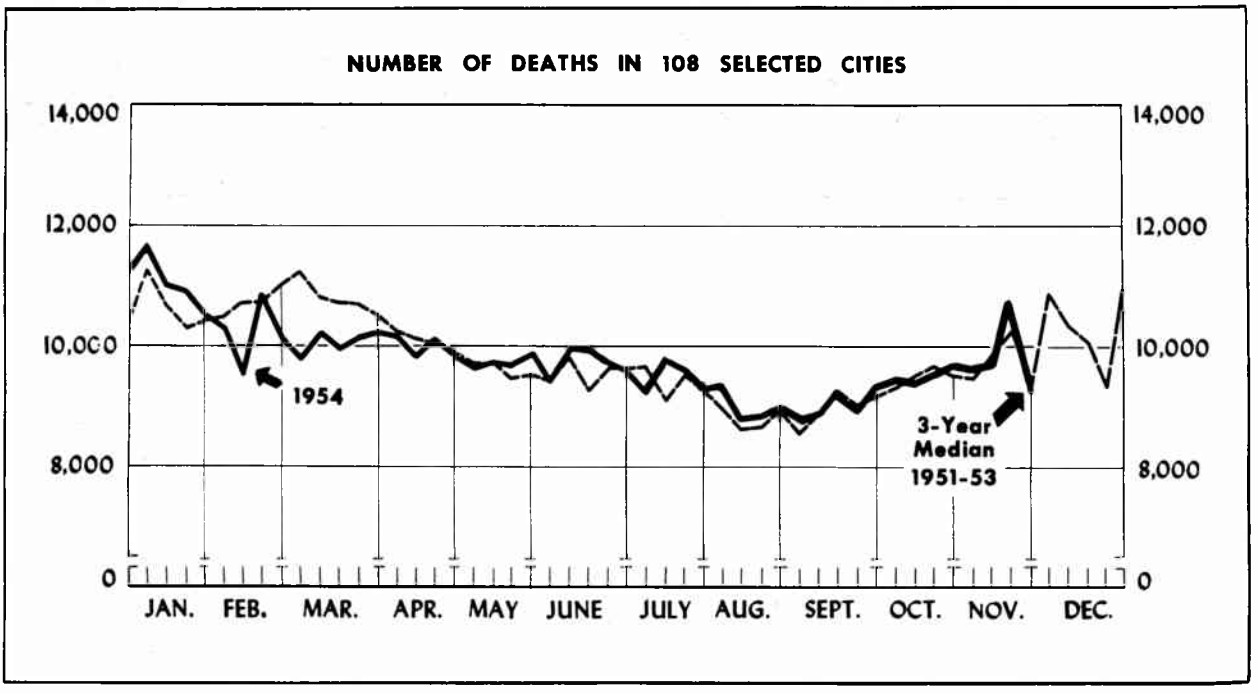
| AREA | MEASLES (085) | | MENINGOCOCCAL INFECTIONS (057) | | POLIOMYELITIS (080) | | | | | | ROCKY MOUNTAIN SPOTTED FEVER (104A) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Total[2] | | Paralytic (080.0,080.1) | | Nonparalytic (080.2) | | | |
| | 1954 | 1953 | 1954 | 1953 | 1954 | 1953 | 1954 | 1953 | 1954 | 1953 | 1954 | 1953 |
| CONT. UNITED STATES | 3,350 | 2,573 | 68 | 70 | 397 | 396 | 165 | 159 | 92 | 89 | - | - |
| NEW ENGLAND | 999 | 66 | 5 | 6 | 31 | 32 | 10 | 12 | 11 | 4 | - | - |
| Maine | 77 | 42 | 1 | - | 3 | 3 | 3 | 3 | - | - | - | - |
| New Hampshire | 17 | - | - | - | 2 | 7 | - | - | - | - | - | - |
| Vermont | 105 | 16 | - | - | - | 2 | - | 2 | - | - | - | - |
| Massachusetts | 638 | 5 | 1 | 4 | 16 | 14 | 4 | 5 | 8 | 2 | - | - |
| Rhode Island | 25 | 1 | 2 | 1 | 2 | 1 | - | 1 | - | - | - | - |
| Connecticut | 137 | 2 | 1 | 1 | 8 | 5 | 3 | 1 | 3 | 2 | - | - |
| MIDDLE ATLANTIC | 530 | 319 | 12 | 19 | 66 | 60 | 15 | 19 | 14 | 6 | - | - |
| New York | 294 | 186 | 3 | 8 | 42 | 53 | 9 | 17 | 12 | 6 | - | - |
| New Jersey | 212 | 24 | 3 | 4 | 9 | 3 | 6 | 2 | 2 | - | - | - |
| Pennsylvania | 24 | 109 | 6 | 7 | 15 | 4 | - | - | - | - | - | - |
| EAST NORTH CENTRAL | 659 | 745 | 8 | 12 | 105 | 70 | 40 | 23 | 13 | 13 | - | - |
| Ohio | 54 | 97 | 3 | 5 | 39 | 18 | 6 | 7 | 3 | 3 | - | - |
| Indiana | 28 | 120 | 1 | 2 | [3]4 | 5 | 1 | - | - | - | - | - |
| Illinois | 31 | 94 | 1 | 3 | 12 | 14 | 8 | 7 | 1 | - | - | - |
| Michigan | 416 | 411 | - | 1 | 32 | 27 | 19 | 9 | 6 | 10 | - | - |
| Wisconsin | 130 | 23 | 3 | 1 | 18 | 6 | 6 | - | 3 | - | - | - |
| WEST NORTH CENTRAL | 356 | 180 | 5 | 3 | 27 | 37 | 6 | 9 | 9 | 5 | - | - |
| Minnesota | 168 | 3 | 2 | - | 3 | 15 | - | 3 | 1 | 2 | - | - |
| Iowa | 81 | 141 | 1 | 1 | 11 | 9 | 2 | 3 | 2 | 3 | - | - |
| Missouri | 12 | 1 | - | 1 | 7 | 6 | 3 | 3 | 4 | - | - | - |
| North Dakota | 83 | 19 | 1 | 1 | 1 | 1 | - | - | - | - | - | - |
| South Dakota | 5 | 1 | - | - | - | 2 | - | - | - | - | - | - |
| Nebraska | 5 | 3 | 1 | - | 2 | 2 | - | - | 2 | - | - | - |
| Kansas | 2 | 12 | - | - | 3 | 2 | 1 | - | - | - | - | - |
| SOUTH ATLANTIC | 125 | 252 | 12 | 5 | 29 | 31 | 18 | 14 | 7 | 12 | - | - |
| Delaware | 2 | - | 1 | 1 | 3 | 1 | 3 | - | - | 1 | - | - |
| Maryland | 9 | 39 | 1 | 1 | 1 | 6 | 1 | 2 | - | 4 | - | - |
| District of Columbia | 2 | - | - | - | 1 | 1 | - | 1 | 1 | - | - | - |
| Virginia | 14 | 25 | 2 | 1 | 4 | 4 | 4 | 4 | - | - | - | - |
| West Virginia | 81 | 94 | - | - | 3 | 2 | 2 | 1 | 1 | 1 | - | - |
| North Carolina | - | 36 | 2 | 1 | 3 | 6 | 2 | 2 | 1 | 3 | - | - |
| South Carolina | 8 | 8 | 4 | 1 | 2 | 2 | 1 | 1 | - | - | - | - |
| Georgia | 6 | 17 | 2 | - | 6 | - | 2 | - | 2 | - | - | - |
| Florida | 3 | 33 | - | - | 6 | 9 | 3 | 3 | 2 | 3 | - | - |
| EAST SOUTH CENTRAL | 81 | 153 | 6 | 6 | 14 | 10 | 4 | 1 | 4 | 2 | - | - |
| Kentucky | 3 | 42 | 1 | 4 | 4 | 4 | 2 | - | 2 | 1 | - | - |
| Tennessee | 56 | 24 | 2 | - | 5 | 4 | 2 | 1 | 1 | 1 | - | - |
| Alabama | 10 | 82 | 2 | 2 | 1 | 2 | - | - | 1 | - | - | - |
| Mississippi | 12 | 5 | 1 | - | 4 | - | - | - | - | - | - | - |
| WEST SOUTH CENTRAL | 173 | 166 | 7 | 5 | 21 | 33 | 12 | 12 | 6 | 9 | - | - |
| Arkansas | 4 | - | 1 | - | 4 | 5 | 4 | 2 | - | 2 | - | - |
| Louisiana | - | 12 | 3 | - | 4 | 6 | 2 | 5 | 2 | 1 | - | - |
| Oklahoma | 4 | 1 | - | 1 | 1 | 6 | - | 1 | - | - | - | - |
| Texas | 165 | 153 | 3 | 4 | 12 | 16 | 6 | 4 | 4 | 6 | - | - |
| MOUNTAIN | 116 | 255 | - | 4 | 21 | 18 | 3 | 7 | 4 | 1 | - | - |
| Montana | 1 | 13 | - | - | 4 | 3 | 1 | 2 | 1 | 1 | - | - |
| Idaho | 3 | 76 | - | - | 2 | 5 | - | - | - | - | - | - |
| Wyoming | - | 27 | - | - | 6 | 1 | 1 | 1 | - | - | - | - |
| Colorado | 10 | 24 | - | - | 2 | 1 | 1 | 1 | - | - | - | - |
| New Mexico | 44 | 34 | - | 3 | 1 | 2 | - | - | 1 | - | - | - |
| Arizona | 50 | - | - | - | 2 | 5 | - | 3 | 2 | - | - | - |
| Utah | 8 | 81 | - | 1 | 4 | 1 | - | - | - | - | - | - |
| Nevada | - | - | - | - | - | - | - | - | - | - | - | - |
| PACIFIC | 311 | 437 | 13 | 10 | 83 | 105 | 57 | 62 | 24 | 37 | - | - |
| Washington | 52 | 118 | 3 | 2 | 13 | 5 | 7 | - | 4 | - | - | - |
| Oregon | 74 | 57 | 1 | 1 | 6 | 12 | 5 | 6 | 1 | 6 | - | - |
| California | 185 | 262 | 9 | 7 | 64 | 88 | 45 | 56 | 19 | 31 | - | - |
| Alaska | 5 | - | - | - | - | 1 | - | 1 | - | - | - | - |
| Hawaii | 37 | - | - | - | 2 | - | 1 | - | 1 | - | - | - |
| Puerto Rico | 90 | 22 | 2 | 2 | 11 | - | 11 | - | - | - | - | - |

[2]Includes cases not specified by type, category number (080.3).
[3]Delayed cases.

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED NOVEMBER 28, 1953, AND NOVEMBER 27, 1954—Continued

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

| AREA | SCARLET FEVER AND STREPTOCOCCAL SORE THROAT (050,051) | | TRICHINIASIS (128) | TULAREMIA (059) | | TYPHOID FEVER (040) | | TYPHUS FEVER, ENDEMIC (101) | WHOOPING COUGH (056) | | RABIES IN ANIMALS | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1954 | 1953 | 1954 | 1954 | 1953 | 1954 | 1953 | 1954 | 1954 | 1953 | 1954 | 1953 |
| CONT. UNITED STATES | 2,180 | 1,995 | 4 | 11 | 12 | 29 | 25 | 2 | 1,505 | 597 | 109 | 139 |
| NEW ENGLAND | 77 | 140 | - | - | - | - | 1 | - | 289 | 64 | - | - |
| Maine | 7 | 23 | - | - | - | - | - | - | 29 | 1 | - | - |
| New Hampshire | 7 | 6 | - | - | - | - | - | - | 1 | - | - | - |
| Vermont | 1 | 1 | - | - | - | - | - | - | 22 | 18 | - | - |
| Massachusetts | 43 | 68 | - | - | - | - | 1 | - | 99 | 33 | - | - |
| Rhode Island | 3 | 16 | - | - | - | - | - | - | 64 | 2 | - | - |
| Connecticut | 16 | 26 | - | - | - | - | - | - | 74 | 10 | - | - |
| MIDDLE ATLANTIC | 113 | 153 | 2 | - | - | 4 | 2 | - | 225 | 165 | 19 | 9 |
| New York | 72 | 83 | 1 | - | - | 1 | 1 | - | 67 | 77 | 19 | 8 |
| New Jersey | 13 | 19 | 1 | - | - | - | - | - | 42 | 35 | - | - |
| Pennsylvania | 28 | 51 | - | - | - | 3 | 1 | - | 116 | 53 | - | 1 |
| EAST NORTH CENTRAL | 299 | 371 | - | - | 5 | 3 | 2 | - | 307 | 186 | 12 | 28 |
| Ohio | 65 | 104 | - | - | - | 2 | - | - | 42 | 40 | - | 3 |
| Indiana | 87 | 84 | - | - | 1 | - | 1 | - | 24 | 15 | 8 | 9 |
| Illinois | 37 | 61 | - | - | 3 | 1 | 1 | - | 21 | 14 | 1 | 14 |
| Michigan | 63 | 78 | - | - | - | - | - | - | 131 | 76 | 1 | 2 |
| Wisconsin | 47 | 44 | - | - | 1 | - | - | - | 89 | 41 | 2 | - |
| WEST NORTH CENTRAL | 70 | 89 | - | - | - | 1 | - | - | 100 | 10 | 20 | 6 |
| Minnesota | 19 | 29 | - | - | - | - | - | - | 74 | 1 | 8 | 1 |
| Iowa | 13 | 24 | - | - | - | - | - | - | 12 | 8 | 6 | 2 |
| Missouri | 6 | 17 | - | - | - | 1 | - | - | 5 | - | 6 | 2 |
| North Dakota | 17 | 2 | - | - | - | - | - | - | 3 | - | - | 1 |
| South Dakota | - | 1 | - | - | - | - | - | - | - | - | - | - |
| Nebraska | 2 | 9 | - | - | - | - | - | - | - | - | - | - |
| Kansas | 13 | 7 | - | - | - | - | - | - | 6 | 1 | - | - |
| SOUTH ATLANTIC | 235 | 245 | - | 5 | 4 | 3 | 4 | 1 | 95 | 46 | 19 | 40 |
| Delaware | 4 | 3 | - | - | - | - | - | - | - | 4 | - | - |
| Maryland | 7 | 18 | - | - | - | - | - | - | 28 | 13 | - | 2 |
| District of Columbia | 3 | 2 | - | - | - | - | - | - | 2 | 1 | - | - |
| Virginia | 79 | 106 | - | 1 | 3 | 2 | - | - | 16 | 4 | 6 | 13 |
| West Virginia | 21 | 43 | - | 1 | 1 | - | - | - | 14 | 16 | 1 | 9 |
| North Carolina | 54 | 42 | - | 2 | - | - | 2 | - | 17 | 5 | 2 | 4 |
| South Carolina | 9 | 2 | - | - | - | 1 | 1 | - | 14 | 2 | 7 | 9 |
| Georgia | 30 | 14 | - | 1 | - | - | 1 | 1 | 1 | 1 | 3 | 3 |
| Florida | 28 | 15 | - | - | - | - | - | - | 3 | - | - | - |
| EAST SOUTH CENTRAL | 63 | 109 | - | 3 | 2 | 4 | 4 | - | 189 | 37 | 17 | 31 |
| Kentucky | 15 | 35 | - | 1 | 2 | 1 | 1 | - | 121 | 26 | 5 | 14 |
| Tennessee | 15 | 53 | - | 1 | - | - | - | - | 43 | 7 | 3 | 7 |
| Alabama | 19 | 6 | - | - | - | 1 | - | - | 12 | 1 | 8 | 6 |
| Mississippi | 14 | 15 | - | 1 | - | 2 | 3 | - | 13 | 3 | 1 | 4 |
| WEST SOUTH CENTRAL | 592 | 619 | - | 2 | - | 7 | 9 | 1 | 115 | 24 | 21 | 23 |
| Arkansas | 43 | 46 | - | - | - | 1 | 5 | - | 5 | - | 6 | 8 |
| Louisiana | 5 | - | - | 1 | - | 1 | - | - | 9 | 1 | - | - |
| Oklahoma | 17 | 15 | - | - | - | - | - | - | 6 | 5 | 1 | - |
| Texas | 527 | 558 | - | 1 | - | 5 | 4 | 1 | 95 | 18 | 14 | 15 |
| MOUNTAIN | 514 | 100 | - | 1 | 1 | 2 | 1 | - | 51 | 20 | 1 | - |
| Montana | 14 | 5 | - | 1 | - | - | - | - | 7 | 3 | - | - |
| Idaho | 17 | 4 | - | - | - | - | - | - | 3 | - | - | - |
| Wyoming | 283 | 17 | - | - | - | - | - | - | - | - | - | - |
| Colorado | 10 | 18 | - | - | - | - | - | - | 7 | 1 | - | - |
| New Mexico | 35 | 29 | - | - | - | 1 | 1 | - | 4 | 2 | 1 | - |
| Arizona | 136 | 11 | - | - | - | - | - | - | 26 | 14 | - | - |
| Utah | 19 | 12 | - | - | 1 | - | - | - | 4 | - | - | - |
| Nevada | - | 4 | - | - | - | 1 | - | - | - | - | - | - |
| PACIFIC | 217 | 169 | 2 | - | - | 5 | 2 | - | 134 | 45 | - | 2 |
| Washington | 70 | 35 | 2 | - | - | - | - | - | 32 | 26 | - | - |
| Oregon | 32 | 17 | - | - | - | - | - | - | 5 | 4 | - | - |
| California | 115 | 117 | - | - | - | 5 | 2 | - | 97 | 15 | - | 2 |
| Alaska | 1 | 1 | - | - | - | - | - | - | - | - | - | - |
| Hawaii | - | - | - | - | - | - | - | - | - | - | - | - |
| Puerto Rico | - | - | - | - | - | - | 1 | - | 67 | 21 | - | - |




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

The figures reported represent the number of death certificates received in the vital statistics offices during the week indicated, for deaths occurring in that city. Figures compiled in this way, by week of receipt, usually approximate closely the number of deaths occurring during the week. However, differences are to be expected because of variations in the interval between death and receipt of the certificate.

While week-to-week changes in the total number of deaths reported for all major cities generally represent a change in mortality conditions, this may not be true for variations in weekly figures for each city. For example, in a city where 50 deaths are the weekly average, the number of deaths occurring in a week may be expected to vary by chance alone from 36 to 64 ($d \pm 2\sqrt{d}$, where d represents the average number of deaths per week).

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

Table 3. DEATHS IN SELECTED CITIES BY GEOGRAPHIC DIVISION

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

| AREA | 47th week ended Nov. 27, 1954 | 46th week ended Nov. 20, 1954 | 47th week median 1951-53 | Percent change, median to current week | CUMULATIVE NUMBER FOR FIRST 47 WEEKS | | |
|---|---|---|---|---|---|---|---|
| | | | | | 1954 | 1953 | Percent change |
| TOTAL: 103 REPORTING CITIES | 8,981 | 10,444 | 9,064 | -0.9 | 446,101 | 459,364 | -2.9 |
| New England----------(14 cities) | 625 | 742 | 619 | +1.0 | 30,568 | 31,151 | -1.9 |
| Middle Atlantic----------(16 cities) | 2,786 | 3,123 | 2,844 | -2.0 | 133,362 | 139,302 | -4.3 |
| East North Central----------(18 cities) | 2,049 | 2,343 | 2,009 | +2.0 | 100,334 | 103,953 | -3.5 |
| West North Central----------(8 cities) | 665 | 755 | 611 | +8.8 | 32,937 | 34,124 | -3.5 |
| South Atlantic----------(9 cities) | 757 | 797 | 697 | +8.6 | 34,928 | 36,049 | -3.1 |
| East South Central----------(7 cities) | 343 | 495 | 355 | -3.4 | 19,765 | 20,471 | -3.4 |
| West South Central----------(12 cities) | 528 | 652 | 543 | -2.8 | 29,077 | 28,604 | +1.7 |
| Mountain----------(8 cities) | 212 | 253 | 227 | -6.6 | 10,593 | 11,259 | -5.9 |
| Pacific----------(11 cities) | 1,016 | 1,284 | 1,041 | -2.4 | 54,537 | 54,451 | +0.2 |

Table 4. DEATHS IN SELECTED CITIES FOR WEEK ENDED NOVEMBER 27, 1954

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

| CITY | 47th week ended Nov. 27, 1954 | 46th week ended Nov. 20, 1954 | CUMULATIVE NUMBER FOR FIRST 47 WEEKS | |
|---|---|---|---|---|
| | | | 1954 | 1953 |
| **NEW ENGLAND** | | | | |
| Boston | 227 | 240 | 10,284 | 10,531 |
| Bridgeport | 28 | 43 | 1,626 | 1,575 |
| Cambridge | 20 | 29 | 1,257 | 1,290 |
| Fall River | 18 | 29 | 1,248 | 1,314 |
| Hartford | 46 | 64 | 2,148 | 2,120 |
| Lowell | 24 | 31 | 1,257 | 1,180 |
| Lynn | 20 | 28 | 1,003 | 1,040 |
| New Bedford | 22 | 25 | 1,054 | 1,072 |
| New Haven | 35 | 48 | 1,977 | 2,037 |
| Providence | 59 | 68 | 2,817 | 2,810 |
| Somerville | 15 | 12 | 670 | 693 |
| Springfield, Mass. | 36 | 44 | 1,816 | 1,819 |
| Waterbury | 22 | 24 | 1,091 | 1,205 |
| Worcester | 53 | 57 | 2,320 | 2,465 |
| **MIDDLE ATLANTIC** | | | | |
| Albany | 51 | 53 | 2,122 | 2,115 |
| Allentown | (34) | (35) | (1,558) | --- |
| Buffalo | 140 | 148 | 6,293 | 6,645 |
| Camden | 35 | 30 | 1,714 | 1,682 |
| Elizabeth | 37 | 36 | 1,329 | 1,277 |
| Erie | 28 | 35 | 1,543 | 1,597 |
| Jersey City | 71 | 79 | 3,188 | 3,241 |
| Newark, N. J. | 90 | 109 | 4,505 | 4,835 |
| New York City | 1,485 | 1,536 | 70,640 | 73,756 |
| Paterson | 30 | 46 | 1,750 | 1,806 |
| Philadelphia | 483 | 501 | 21,330 | 22,617 |
| Pittsburgh | 145 | 253 | 7,440 | 7,939 |
| Reading | (19) | (21) | (948) | --- |
| Rochester, N. Y. | 79 | 98 | 4,229 | 4,379 |
| Schenectady | --- | (29) | --- | (1,097) |
| Scranton | (27) | (43) | (1,573) | --- |
| Syracuse | 47 | 60 | 2,541 | 2,534 |
| Trenton | 20 | 63 | 2,074 | 2,177 |
| Utica | 22 | 44 | 1,399 | 1,457 |
| Yonkers | 23 | 32 | 1,265 | 1,245 |
| **EAST NORTH CENTRAL** | | | | |
| Akron | 51 | 53 | 2,511 | 2,621 |
| Canton | 21 | 31 | 1,306 | 1,322 |
| Chicago | 656 | 754 | 33,261 | 34,421 |
| Cincinnati | 109 | 163 | 6,435 | 6,955 |
| Cleveland | 191 | 234 | 9,209 | 9,589 |
| Columbus | 93 | 125 | 4,685 | 4,832 |
| Dayton | 59 | 62 | 2,895 | 2,880 |
| Detroit | 298 | 320 | 14,337 | 14,686 |
| Evansville | 43 | 32 | 1,377 | 1,513 |
| Flint | 38 | 40 | 1,732 | 1,690 |
| Fort Wayne | 31 | 30 | 1,189 | 1,443 |
| Gary | (28) | (20) | (1,194) | --- |
| Grand Rapids | 55 | 51 | 1,840 | 1,810 |
| Indianapolis | 106 | 112 | 5,112 | 5,230 |
| Milwaukee | 113 | 128 | 5,597 | 5,654 |
| Peoria | 29 | 27 | 1,382 | 1,442 |
| South Bend | 23 | 25 | 1,078 | 1,079 |
| Toledo | 93 | 97 | 4,130 | 4,287 |
| Youngstown | 40 | 59 | 2,258 | 2,499 |
| **WEST NORTH CENTRAL** | | | | |
| Des Moines | 51 | 55 | 2,332 | 2,303 |
| Duluth | 13 | 36 | 1,227 | 1,237 |
| Kansas City, Kans. | --- | (33) | --- | (1,561) |
| Kansas City, Mo. | 112 | 102 | 5,467 | 5,642 |
| Minneapolis | 99 | 126 | 5,314 | 5,866 |
| Omaha | 50 | 56 | 2,818 | 2,982 |
| **WEST NORTH CENTRAL—Con.** | | | | |
| St. Louis | 227 | 293 | 10,827 | 11,259 |
| St. Paul | 69 | 55 | 3,001 | 2,976 |
| Wichita | 44 | 32 | 1,951 | 1,859 |
| **SOUTH ATLANTIC** | | | | |
| Atlanta | 101 | 125 | 4,853 | 4,825 |
| Baltimore | 246 | 236 | 9,990 | 10,462 |
| Charlotte | 19 | 30 | 1,383 | 1,343 |
| Jacksonville | (38) | (51) | (2,244) | --- |
| Miami | 39 | 57 | 2,819 | 2,728 |
| Norfolk | 31 | 28 | 1,327 | 1,480 |
| Richmond | 48 | 60 | 2,925 | 2,996 |
| Savannah | (28) | (31) | (1,291) | --- |
| Tampa | 70 | 46 | 2,422 | 2,447 |
| Washington, D. C. | 175 | 180 | 7,708 | 8,227 |
| Wilmington, Del. | 28 | 35 | 1,501 | 1,541 |
| **EAST SOUTH CENTRAL** | | | | |
| Birmingham | 53 | 83 | 3,408 | 3,371 |
| Chattanooga | 36 | 38 | 1,978 | 2,109 |
| Knoxville | (63) | --- | --- | (1,537) |
| Louisville | 91 | 121 | 4,923 | 4,939 |
| Memphis | 73 | 129 | 4,462 | 4,920 |
| Mobile | 27 | 39 | 1,490 | 1,469 |
| Montgomery | 23 | 31 | 1,216 | 1,254 |
| Nashville | 40 | 54 | 2,288 | 2,409 |
| **WEST SOUTH CENTRAL** | | | | |
| Austin | 26 | 25 | 1,176 | 1,167 |
| Baton Rouge | 32 | 22 | 1,011 | 765 |
| Corpus Christi | 11 | 19 | 803 | 773 |
| Dallas | 71 | 91 | 4,620 | 4,425 |
| El Paso | 25 | 27 | 1,230 | 1,337 |
| Fort Worth | 44 | 45 | 2,596 | 2,618 |
| Houston | 109 | 138 | 5,585 | 5,686 |
| Little Rock | 43 | 49 | 1,893 | 1,985 |
| New Orleans | --- | (163) | --- | (7,318) |
| Oklahoma City | 49 | 58 | 2,714 | 2,487 |
| San Antonio | 47 | 94 | 3,592 | 3,749 |
| Shreveport | 23 | 52 | 1,804 | 1,831 |
| Tulsa | 48 | 32 | 2,053 | 1,781 |
| **MOUNTAIN** | | | | |
| Albuquerque | 27 | 37 | 1,234 | 1,248 |
| Colorado Springs | 10 | 15 | 554 | 611 |
| Denver | 89 | 115 | 4,687 | 4,983 |
| Ogden | 13 | 12 | 522 | 579 |
| Phoenix | 27 | 21 | 961 | 1,037 |
| Pueblo | 8 | 11 | 618 | 636 |
| Salt Lake City | 33 | 40 | 1,825 | 1,922 |
| Tucson | 5 | 2 | 192 | 243 |
| **PACIFIC** | | | | |
| Berkeley | 15 | 19 | 817 | 793 |
| Long Beach | 46 | 64 | 2,255 | 2,136 |
| Los Angeles | 370 | 475 | 20,166 | 20,283 |
| Oakland | 82 | 88 | 4,247 | 4,330 |
| Pasadena | 37 | 34 | 1,533 | 1,592 |
| Portland, Oreg. | 83 | 106 | 4,497 | 4,546 |
| Sacramento | --- | (52) | --- | (2,162) |
| San Diego | 68 | 79 | 3,340 | 3,263 |
| San Francisco | 142 | 202 | 8,491 | 8,686 |
| Seattle | 101 | 145 | 5,577 | 5,365 |
| Spokane | 44 | 34 | 2,049 | 1,950 |
| Tacoma | 28 | 38 | 1,565 | 1,507 |
| Honolulu | (28) | (35) | (1,567) | (1,487) |

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

EPIDEMIOLOGICAL REPORTS—Continued

nausea, vomiting, and prostration, which began from 4 to 6 hours after the food was served. None of the food was available for bacteriological examination. The investigation is, however, continuing.

Dr. Thomas R. Hood reports an outbreak of gastro-enteritis which occurred following a recent luncheon for a group of social workers in Kansas. Eighty-five persons were served and approximately 51 became ill on an average of 12 to 14 hours later. Stool cultures of the patients failed to reveal any pathogenic organisms. No food was available for examination. Turkey and/or the dressing was believed to be the vehicle of infection. The turkeys had been cooked the preceding evening and allowed to cool at room temperature. The turkeys were sliced and placed in warming pans with dressing several hours prior to serving.

Dr. Thomas R. Hood reports an outbreak of gastro-enteritis which was traced to turkey served at a recent banquet in Kansas. The fowl were roasted at a hotel and served to 102 persons. Of these, 57 became ill with severe cramps, vomiting, diarrhea, and occasional fever from 2 to 6 hours later. The turkeys were thawed at room temperature for 24 hours preceding their preparation. On the morning of the banquet, the birds were roasted and cooled at room temperature. The meat was sliced and placed on pans of dressing and kept warm until served. A coagulase positive hemolytic Staphylococcus aureus was recovered from scraps of the turkey which were obtained 24 hours after the outbreak. Two persons who ate similar scraps on the following day became violently ill within 3 hours after ingestion of the food.

GPO 884600