

Morbidity and Mortality

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Weekly Report

U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
PUBLIC HEALTH SERVICE

Prepared by the COMMUNICABLE DISEASE CENTER 634-5131

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ATLANTA 22, GEORGIA

Vol. 12, No. 24

PROVISIONAL INFORMATION ON SELECTED NOTIFIABLE DISEASES IN THE UNITED STATES AND ON DEATHS IN SELECTED CITIES FOR WEEK ENDED JUNE 15, 1963

TETANUS - The 9 cases of tetanus reported for the week ending June 15, 1963, brings the total number of reported cases during the first 24 weeks of the current year to 99, a 10 percent increase over the corresponding number of cases, 89, reported for the similar period during 1962.

In the table (right) are shown the annual totals of tetanus cases and tetanus deaths in the United States for the years 1958-1962.

National tetanus morbidity and mortality trends have been slowly decreasing since 1952. The ratio of deaths to cases during the same period has remained constant. (see graph, page 198).

TETANUS - UNITED STATES

| | 1962 | 1961 | 1960 | 1959 | 1958 |
|--------------|------|------|------|------|------|
| Total Cases | 291* | 379 | 368 | 445 | 445 |
| Total Deaths | ** | ** | 231 | 283 | 303 |

* Preliminary total
** Data not yet available

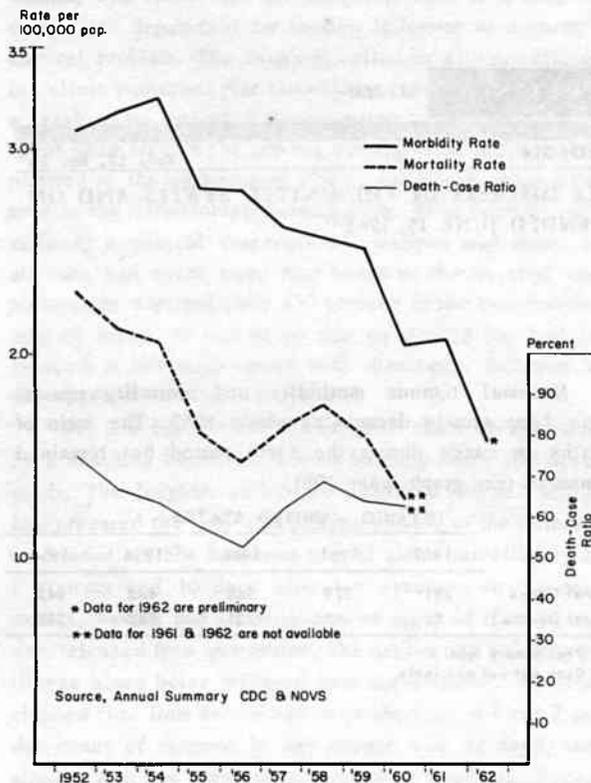
Table 1. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
(Cumulative totals include revised and delayed reports through previous week)

| Disease | 24th Week | | | Cumulative | | |
|--|------------------|------------------|-----------------------|----------------|---------|-----------------------|
| | Ended | Ended | Median 1958 - 1962 | First 24 weeks | | Median 1958 - 1962 |
| | June 15, 1963 | June 16, 1962 | | 1963 | 1962 | |
| Aseptic meningitis..... | 37 | 28 | --- | 567 | 507 | --- |
| Brucellosis | 8 | 10 | 11 | 156 | 183 | 340 |
| Diphtheria | 6 | 4 | 7 | 126 | 204 | 318 |
| Encephalitis, infectious..... | 33 | 36 | 35 | 696 | 715 | 685 |
| Hepatitis, infectious and serum..... | 659 | 825 | 599 | 22,313 | 30,102 | 18,055 |
| Measles | 12,223 | 13,202 | 13,889 | 319,028 | 399,357 | 346,559 |
| Meningococcal infections..... | 47 | 38 | 38 | 1,358 | 1,137 | 1,258 |
| Poliomyelitis, total..... | 6 | 17 | 37 | 67 | 175 | 387 |
| Paralytic..... | 5 | 14 | 31 | 57 | 135 | 284 |
| Nonparalytic..... | 1 | 3 | 4 | 3 | 24 | 66 |
| Unspecified..... | - | - | 2 | 7 | 16 | 37 |
| Streptococcal sore throat and Scarlet fever | 4,851 | 4,638 | --- | 206,237 | 189,047 | --- |
| Tetanus | 9 | 11 | --- | 99 | 89 | --- |
| Tularemia | 9 | 6 | --- | 102 | 116 | --- |
| Typhoid fever | 6 | 9 | 15 | 161 | 213 | 259 |
| Typhus fever, tick-borne, (Rocky Mountain spotted)..... | 7 | 10 | --- | 37 | 50 | --- |
| Rabies in Animals | 70 | 63 | 63 | 1,869 | 1,997 | 1,933 |

Table 2. NOTIFIABLE DISEASES OF LOW FREQUENCY

| | | | |
|-----------|------|-----------------|------|
| Anthrax: | Cum. | Psittacosis: | Cum. |
| Botulism: | 2 | Rabies in Man: | 29 |
| Malaria: | 5 | Smallpox: | - |
| Plague: | 41 | Typhus, murine: | 5 |
| | - | | |

TETANUS U.S. - 1952 - 1962



EPIDEMIOLOGICAL REPORTS

Salmonellosis - California

Two outbreaks of salmonellosis due to *S. heidelberg* occurred in a California city in March 1963. Both were traced to a common source, French vanilla ice cream, prepared by a local manufacturer.

The first outbreak occurred among 29 persons who ate food served at a birthday party on March 16, 1963. Twenty-two of the 29 persons subsequently became ill, with onset of symptoms between 12 and 51 hours after attending the party. Characteristic symptoms included stomach cramps, diarrhea, muscular aches, and fever in some to 104° F.

All of the food served at the party was prepared at the home where the party was held with the exception of the French vanilla ice cream. The attack rates for 27 persons, who ate or did not eat the various foods served at the party, are shown in the table (right). The high attack rate among those eating ice cream suggested this to be the source of infection.

The only samples of food available from the meal for analysis were three of the eight pints of ice cream purchased for the party. Samples from all three pints remaining were positive for *S. heidelberg*. Each sample also contained coagulase positive staphylococci, with plate counts ranging from 10.5 x 10⁶/gram to 11.7 x 10⁶/gram.

| FOOD | ATE FOOD | | | | DID NOT EAT FOOD | | | |
|------------------|----------|-------------|-------|-------------|------------------|-------------|-------|-------------|
| | No. Ill | No. Not Ill | Total | Percent Ill | No. Ill | No. Not Ill | Total | Percent Ill |
| Turkey | 19 | 7 | 26 | 73 | 1 | 1 | 2 | 50 |
| Dressing | 11 | 4 | 15 | 73.5 | 9 | 3 | 12 | 75 |
| Mixed vegetables | 18 | 4 | 22 | 82 | 2 | 3 | 5 | 40 |
| Salad | 13 | 3 | 16 | 81 | 7 | 4 | 11 | 64 |
| Mashed Potatoes | 20 | 4 | 24 | 81 | 3 | 3 | 6 | 50 |
| Gravy | 17 | 4 | 21 | 81 | 3 | 3 | 6 | 50 |
| Ice Cream | 19 | 1 | 20 | 95 | 1 | 6 | 7 | 14 |
| Cake | 15 | 4 | 19 | 79 | 5 | 3 | 8 | 62 |

Stool specimens were obtained from 19 persons who had eaten the suspect food. Eight of these were positive for salmonella, of which six were salmonella Group B (*S. heidelberg*) and two were salmonella Group C (*S. infantis*).

The second outbreak, reported on March 21, 1963, involved four men who had shared a common meal on March 17, 1963. The meal included beef stew, strawberry shortcake, and French vanilla ice cream of the same brand involved in the outbreak reported above. All four persons became ill 25-29 hours after eating, with symptoms including nausea, headache, stomach cramps, diarrhea, and fever. One of two stool specimens obtained from two of these individuals was positive for *S. heidelberg*.

Prior to laboratory confirmation of *S. heidelberg* in the ice cream samples obtained in the first outbreak, all of the French vanilla ice cream in jobber and retail outlets was recalled by the manufacturing concern. The last batch of French vanilla ice cream had been prepared on February 26, 1963. Laboratory examination of eight pints of the ice cream collected from the manufacturing plant and one of two pints collected from the store from which ice cream in the first outbreak was obtained were found to contain *S. heidelberg* and coagulase positive staphylococci.

One of 9 food handlers at the manufacturing plant was found, on stool culture, to be positive for salmonella Group C (*S. infantis*). This employee, however, handled neither the ice cream nor the immediate containers. His job is to place the exterior cartons, packed with pint containers, into the freezer. He denied other contact with the product, and stated that he did not eat French vanilla ice cream from the suspect batch produced on 2/26 and had not had any recent illness.

Investigation of the materials and methods for preparing the ice cream showed that the separate custard mix used, was made without provisions for recording the temperature achieved and maintained during processing. Bacteriologic examination of two samples of frozen

egg yolks used in making custard were obtained from the same source as those used in the contaminated lot of ice cream. These contained coagulase positive staphylococci with plate counts of 1.2 and 1.4 x 10⁶/gram, respectively. Bacteriologic analysis of the stock coloring solution used in the ice cream indicated that this was capable of supporting bacterial growth. Samples of coloring stock solution prepared on 2/27/63 revealed a total plate count of 4.5 x 10⁶/gram, compared to a plate count of less than 100 per gram of the powder used in preparing the stock solution and 5 per gram of the water used in its preparation.

It appears that the egg yolks used in the lot of French vanilla ice cream prepared on 2/26/63 were the most likely source of the salmonella organisms while the preparation of separate custard mix without provisions for recording temperatures during processing may have permitted under-processing to occur.

(Reported by F. A. Listick, Sanitarian, Los Angeles City Health Department, California; and, Dr. Philip K. Condit, Bureau of Communicable Diseases, California Department of Public Health.)

Anthrax – North Carolina

The case of human anthrax from North Carolina reported in MMWR, Vol. 12, No. 23, page 189, was in a 33-year-old female who worked in a goat hair processing mill. On April 7, 1963, two weeks after beginning work at the mill, she developed a "sore" on her neck, which subsequently was diagnosed as cutaneous anthrax. The patient was seen by her local physician, hospitalized and given penicillin. Recovery was uneventful. Smears and

cultures were not obtained prior to antibiotic therapy, but the clinical course was typical of cutaneous anthrax.

The patient worked in the spinning department, and because of her recent employment had not received the initial inoculation of the anthrax vaccine prior to development of the lesion. This is the first reported case of anthrax among employees of the mill since the establishment of an immunization program two years ago.

(Reported by Dr. Z. P. Mitchell, Cleveland County Health Officer, Shelby, North Carolina; and Dr. Jacob Koomen, Jr., Assistant Director, Communicable Disease Section, State Board of Health, Raleigh, North Carolina.)

Salmonella derby Epidemic – Follow-up Report –

There have now been a total of 515 human isolations of *Salmonella derby* reported from 24 States and the District of Columbia since March 1, 1963. Previous reports appeared in MMWR, Vol. 12, pp. 182, 173, 167, and 159.

Three hundred and seventy two of the isolates have been from patients who acquired their infection in hospitals, having been admitted for reasons other than gastroenteritis. The hospital-acquired cases have been reported from 10 States, 7 of them in the northeastern part of the county, accounting for all but six of the cases. These six cases have been reported from Ohio (4), Illinois (1), and Indiana (1).

Twenty hospitals have been involved, with 84 percent (314) of the cases being reported from among 9 Pennsylvania hospitals.

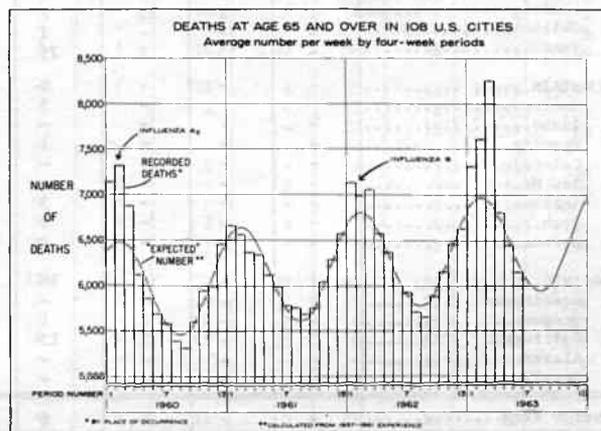
Sixty-six cases have not been related to hospitalization. These community-acquired cases appear to represent

(Continued on page 204)

SUMMARY OF DEATHS AMONG PERSONS 65 YEARS AND OVER IN 108 U. S. CITIES

The weekly average number of deaths among persons 65 years and over in 108 cities for the four-week period ending June 15 was 6,154 as compared with an expected weekly average of 6,270.

| | WEEK ENDING | | | | 4 Week Total | Weekly Average |
|----------|-------------|-------|-------|-------|--------------|----------------|
| | 5/25 | 6/1 | 6/8 | 6/15 | | |
| Observed | 6,093 | 5,498 | 6,584 | 6,441 | 24,616 | 6,154 |
| Expected | 6,355 | 6,296 | 6,240 | 6,187 | 25,078 | 6,270 |
| Excess | -262 | -798 | 344 | 254 | - 462 | - 116 |



(See table, Page 203)

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Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED

JUNE 15, 1963 AND JUNE 16, 1962

| Area | Poliomyelitis, total cases | | | | Poliomyelitis, paralytic | | | | Poliomyelitis, nonparalytic | | Aseptic Meningitis | |
|-------------------------|----------------------------|------|---------------------------|------|--------------------------|------|---------------------------|------|-----------------------------|------|--------------------|------|
| | 24th week | | Cumulative First 24 weeks | | 24th week | | Cumulative First 24 weeks | | 24th week | | 24th week | |
| | 1963 | 1962 | 1963 | 1962 | 1963 | 1962 | 1963 | 1962 | 1963 | 1962 | 1963 | 1962 |
| UNITED STATES..... | 6 | 17 | 67 | 175 | 5 | 14 | 57 | 135 | 1 | 3 | 37 | 28 |
| NEW ENGLAND..... | - | - | - | 1 | - | - | - | 1 | - | - | 2 | 1 |
| Maine..... | - | - | - | - | - | - | - | - | - | - | - | 1 |
| New Hampshire..... | - | - | - | - | - | - | - | - | - | - | - | - |
| Vermont..... | - | - | - | - | - | - | - | - | - | - | - | - |
| Massachusetts..... | - | - | - | - | - | - | - | - | - | - | 1 | - |
| Rhode Island..... | - | - | - | - | - | - | - | - | - | - | 1 | - |
| Connecticut..... | - | - | - | 1 | - | - | - | 1 | - | - | - | - |
| MIDDLE ATLANTIC..... | 1 | - | 9 | 33 | 1 | - | 7 | 20 | - | - | 4 | 1 |
| New York..... | 1 | - | 5 | 32 | 1 | - | 5 | 19 | - | - | 2 | - |
| New Jersey..... | - | - | 1 | 1 | - | - | 1 | 1 | - | - | - | - |
| Pennsylvania..... | - | - | 3 | - | - | - | 1 | - | - | - | 2 | 1 |
| EAST NORTH CENTRAL..... | - | - | 15 | 10 | - | - | 11 | 6 | - | - | 7 | 7 |
| Ohio..... | - | - | 4 | 4 | - | - | 3 | 4 | - | - | 1 | 2 |
| Indiana..... | - | - | 2 | 3 | - | - | - | 2 | - | - | 2 | - |
| Illinois..... | - | - | 6 | 2 | - | - | 5 | - | - | - | - | - |
| Michigan..... | - | - | 2 | - | - | - | 2 | - | - | - | 3 | 4 |
| Wisconsin..... | - | - | 1 | 1 | - | - | 1 | - | - | - | 1 | 1 |
| WEST NORTH CENTRAL..... | - | - | 3 | 7 | - | - | 3 | 4 | - | - | 3 | - |
| Minnesota..... | - | - | 2 | 1 | - | - | 2 | 1 | - | - | 2 | - |
| Iowa..... | - | - | - | 3 | - | - | - | 2 | - | - | 1 | - |
| Missouri..... | - | - | 1 | 3 | - | - | 1 | 1 | - | - | - | - |
| North Dakota..... | - | - | - | - | - | - | - | - | - | - | - | - |
| South Dakota..... | - | - | - | - | - | - | - | - | - | - | - | - |
| Nebraska..... | - | - | - | - | - | - | - | - | - | - | - | - |
| Kansas..... | - | - | - | - | - | - | - | - | - | - | - | - |
| SOUTH ATLANTIC..... | 2 | - | 9 | 11 | 1 | - | 7 | 9 | 1 | - | - | 3 |
| Delaware..... | - | - | - | - | - | - | - | - | - | - | - | - |
| Maryland..... | - | - | - | - | - | - | - | - | - | - | - | - |
| District of Columbia.. | - | - | - | 1 | - | - | - | - | - | - | - | - |
| Virginia..... | 1 | - | 2 | 2 | - | - | 1 | 2 | 1 | - | - | - |
| West Virginia..... | - | - | 1 | - | - | - | 1 | - | - | - | - | - |
| North Carolina..... | - | - | 2 | 2 | - | - | 2 | 2 | - | - | - | - |
| South Carolina..... | - | - | - | - | - | - | - | - | - | - | - | - |
| Georgia..... | - | - | 1 | 2 | - | - | - | 2 | - | - | - | - |
| Florida..... | 1 | - | 3 | 4 | 1 | - | 3 | 3 | - | - | - | 3 |
| EAST SOUTH CENTRAL..... | 1 | - | 4 | 5 | 1 | - | 3 | 3 | - | - | 2 | 1 |
| Kentucky..... | - | - | - | 2 | - | - | - | 2 | - | - | 2 | 1 |
| Tennessee..... | - | - | 1 | 2 | - | - | 1 | - | - | - | - | - |
| Alabama..... | - | - | 2 | 1 | - | - | 1 | 1 | - | - | - | - |
| Mississippi..... | 1 | - | 1 | - | 1 | - | 1 | - | - | - | - | - |
| WEST SOUTH CENTRAL..... | 1 | 17 | 15 | 84 | 1 | 14 | 15 | 72 | - | 3 | 5 | 3 |
| Arkansas..... | - | - | - | 1 | - | - | - | 1 | - | - | - | - |
| Louisiana..... | 1 | 2 | 13 | 7 | 1 | 1 | 13 | 6 | - | 1 | - | - |
| Oklahoma..... | - | - | - | 1 | - | - | - | - | - | - | 2 | - |
| Texas..... | - | 15 | 2 | 75 | - | 13 | 2 | 65 | - | 2 | 3 | 3 |
| MOUNTAIN..... | - | - | - | 8 | - | - | - | 7 | - | - | 5 | 4 |
| Montana..... | - | - | - | 3 | - | - | - | 2 | - | - | - | - |
| Idaho..... | - | - | - | - | - | - | - | - | - | - | - | - |
| Wyoming..... | - | - | - | 1 | - | - | - | 1 | - | - | - | - |
| Colorado..... | - | - | - | - | - | - | - | - | - | - | 4 | 4 |
| New Mexico..... | - | - | - | - | - | - | - | - | - | - | - | - |
| Arizona..... | - | - | - | 3 | - | - | - | 3 | - | - | 1 | - |
| Utah..... | - | - | - | 1 | - | - | - | 1 | - | - | - | - |
| Nevada..... | - | - | - | - | - | - | - | - | - | - | - | - |
| PACIFIC..... | 1 | - | 12 | 16 | 1 | - | 11 | 13 | - | - | 9 | 8 |
| Washington..... | - | - | - | - | - | - | - | - | - | - | - | - |
| Oregon..... | - | - | 1 | 1 | - | - | 1 | 1 | - | - | - | 1 |
| California..... | 1 | - | 11 | 15 | 1 | - | 10 | 12 | - | - | 9 | 7 |
| Alaska..... | - | - | - | - | - | - | - | - | - | - | - | - |
| Hawaii..... | - | - | - | - | - | - | - | - | - | - | - | - |
| Puerto Rico..... | - | - | 4 | 6 | - | - | 4 | 6 | - | - | - | - |

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Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED
JUNE 15, 1963 AND JUNE 16, 1962 - (Continued)

| Area | Brucellosis | | Diphtheria | | Encephalitis, infectious | | Hepatitis, infectious and serum | | | | Measles | |
|-------------------------|-------------|------------------------|------------|------------------------|-----------------------------|------|------------------------------------|--------------|-------|------|-----------|--------|
| | 24th week | Cumulative 24 weeks | 24th week | Cumulative 24 weeks | 24th week | 1962 | 24th week | | | | 24th week | 1962 |
| | | | | | | | Under 20 yr. | 20 & over | Total | | | |
| | 1963 | 1963 | 1963 | 1963 | 1963 | 1962 | 1963 | 1963 | 1963 | 1962 | 1963 | 1962 |
| UNITED STATES..... | 8 | 156 | 6 | 126 | 33 | 36 | 310 | 293 | 659 | 825 | 12,223 | 13,202 |
| NEW ENGLAND..... | - | - | - | 4 | 2 | 3 | 36 | 30 | 67 | 46 | 493 | 1,859 |
| Maine..... | - | - | - | - | - | - | 20 | 11 | 31 | 20 | 14 | 106 |
| New Hampshire..... | - | - | - | - | - | - | 3 | 2 | 5 | 2 | 1 | 14 |
| Vermont..... | - | - | - | - | - | - | - | - | - | 3 | 110 | 87 |
| Massachusetts..... | - | - | - | 2 | - | 2 | 6 | 11 | 17 | 18 | 246 | 865 |
| Rhode Island..... | - | - | - | 2 | 2 | - | - | - | 1 | 1 | 26 | 113 |
| Connecticut..... | - | - | - | - | - | 1 | 7 | 6 | 13 | 2 | 96 | 674 |
| MIDDLE ATLANTIC..... | - | 4 | - | 20 | 6 | 10 | 54 | 54 | 108 | 139 | 2,269 | 3,020 |
| New York..... | - | 3 | - | 13 | 5 | 9 | 37 | 30 | 67 | 70 | 1,125 | 1,560 |
| New Jersey..... | - | - | - | 2 | - | - | 8 | 12 | 20 | 23 | 656 | 1,229 |
| Pennsylvania..... | - | 1 | - | 5 | 1 | 1 | 9 | 12 | 21 | 46 | 488 | 231 |
| EAST NORTH CENTRAL..... | 2 | 12 | 1 | 12 | 3 | 1 | 49 | 44 | 100 | 167 | 4,666 | 2,768 |
| Ohio..... | - | - | - | 1 | - | 1 | 13 | 20 | 36 | 52 | 657 | 375 |
| Indiana..... | 1 | 2 | - | 3 | - | - | 4 | 2 | 7 | 14 | 106 | 185 |
| Illinois..... | 1 | 9 | - | 3 | 2 | - | 9 | 9 | 20 | 35 | 167 | 364 |
| Michigan..... | - | 1 | - | 3 | 1 | - | 23 | 12 | 35 | 62 | 1,998 | 1,389 |
| Wisconsin..... | - | - | 1 | 2 | - | - | - | 1 | 2 | 4 | 1,738 | 455 |
| WEST NORTH CENTRAL..... | 3 | 108 | 1 | 36 | 2 | 6 | 10 | 10 | 23 | 72 | 337 | 376 |
| Minnesota..... | - | 7 | - | 15 | - | - | - | 2 | 3 | 21 | 61 | 110 |
| Iowa..... | 2 | 78 | - | 1 | - | - | 3 | 2 | 7 | 27 | 150 | 202 |
| Missouri..... | 1 | 5 | - | 1 | - | 1 | 4 | 2 | 6 | 13 | 100 | 16 |
| North Dakota..... | - | - | - | 1 | 1 | - | - | - | - | - | 24 | 47 |
| South Dakota..... | - | 7 | 1 | 10 | - | 1 | - | - | - | - | 2 | 1 |
| Nebraska..... | - | 5 | - | 8 | - | - | 1 | 2 | 3 | 1 | - | - |
| Kansas..... | - | 6 | - | - | 1 | 4 | 2 | 2 | 4 | 9 | NN | NN |
| SOUTH ATLANTIC..... | - | 4 | 3 | 26 | 3 | 3 | 39 | 25 | 71 | 94 | 995 | 839 |
| Delaware..... | - | - | - | - | - | - | - | - | - | 2 | 34 | 11 |
| Maryland..... | - | - | - | - | 1 | 2 | 5 | 6 | 11 | 9 | 84 | 68 |
| District of Columbia.. | - | - | - | - | - | 1 | - | - | - | 4 | 2 | 1 |
| Virginia..... | - | 2 | - | - | - | - | 3 | 8 | 16 | 20 | 354 | 306 |
| West Virginia..... | - | - | - | 1 | - | - | 4 | 3 | 8 | 11 | 399 | 310 |
| North Carolina..... | - | 1 | - | 1 | - | - | 10 | 3 | 13 | 19 | 20 | 6 |
| South Carolina..... | - | - | 3 | 9 | - | - | 2 | - | 3 | 2 | 32 | 20 |
| Georgia..... | - | - | - | 7 | - | - | 5 | 1 | 6 | 9 | - | 7 |
| Florida..... | - | 1 | - | 8 | 2 | - | 10 | 4 | 14 | 18 | 70 | 110 |
| EAST SOUTH CENTRAL..... | - | 4 | - | 9 | 1 | - | 28 | 23 | 51 | 88 | 678 | 481 |
| Kentucky..... | - | - | - | - | - | - | 15 | 6 | 21 | 37 | 391 | 145 |
| Tennessee..... | - | 3 | - | 2 | 1 | - | 5 | 8 | 13 | 29 | 259 | 275 |
| Alabama..... | - | 1 | - | 7 | - | - | 1 | 5 | 6 | 10 | 6 | 28 |
| Mississippi..... | - | - | - | - | - | - | 7 | 4 | 11 | 12 | 22 | 33 |
| WEST SOUTH CENTRAL..... | 2 | 12 | 1 | 16 | 1 | 2 | 26 | 25 | 51 | 47 | 401 | 941 |
| Arkansas..... | - | 3 | - | 1 | - | 1 | - | 1 | 1 | 10 | 5 | 5 |
| Louisiana..... | - | - | - | 2 | - | - | 10 | 2 | 12 | 3 | 2 | 2 |
| Oklahoma..... | 1 | 3 | 1 | 6 | - | - | - | - | - | - | 15 | 8 |
| Texas..... | 1 | 6 | - | 7 | 1 | 1 | 16 | 22 | 38 | 34 | 379 | 926 |
| MOUNTAIN..... | 1 | 5 | - | 1 | - | 1 | 11 | 4 | 50 | 42 | 1,070 | 1,153 |
| Montana..... | - | - | - | - | - | - | 2 | - | 2 | 2 | 55 | 208 |
| Idaho..... | - | - | - | - | - | - | - | - | 14 | 13 | 159 | 70 |
| Wyoming..... | - | 1 | - | - | - | - | - | - | - | - | 3 | - |
| Colorado..... | - | - | - | - | - | - | 6 | - | 14 | 11 | 278 | 338 |
| New Mexico..... | - | - | - | 1 | - | 1 | 2 | 2 | 4 | 3 | NN | NN |
| Arizona..... | 1 | 3 | - | - | - | - | - | - | 13 | 8 | 539 | 202 |
| Utah..... | - | 1 | - | - | - | - | 1 | 2 | 3 | 4 | 36 | 199 |
| Nevada..... | - | - | - | - | - | - | - | - | - | 1 | - | 136 |
| PACIFIC..... | - | 7 | - | 2 | 15 | 10 | 57 | 78 | 138 | 130 | 1,314 | 1,765 |
| Washington..... | - | - | - | - | 1 | 1 | 8 | 5 | 16 | 19 | 41 | 236 |
| Oregon..... | - | 2 | - | - | - | - | 4 | 6 | 10 | 15 | 142 | 497 |
| California..... | - | 4 | - | 2 | 14 | 9 | 45 | 65 | 110 | 84 | 1,032 | 955 |
| Alaska..... | - | - | - | - | - | - | - | - | - | 12 | 20 | 2 |
| Hawaii..... | - | 1 | - | - | - | - | - | 2 | 2 | - | 79 | 75 |
| Puerto Rico..... | - | - | - | 9 | - | - | 18 | 5 | 23 | 10 | 20 | 102 |

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Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

JUNE 15, 1963 AND JUNE 16, 1962 - (Continued)

| Area | Meningococcal Infections | | Streptococcal Sore Throat & Scarlet Fever | | Tetanus | Tickborne Typhus (Rocky Mt. Spotted) | Tularemia | Typhoid Fever | | Rabies in Animals | | |
|-----------------------|--------------------------|---------------------|---|-------|----------|--------------------------------------|-----------|---------------|---------------------|-------------------|------|---------------------|
| | 24th wk. | Cumulative 24 weeks | 24th week | | 24th wk. | 24th wk. | 24th wk. | 24thwk. | Cumulative 24 weeks | 24th week | | Cumulative 24 weeks |
| | 1963 | 1963 | 1963 | 1962 | 1963 | 1963 | 1963 | 1963 | 1963 | 1963 | 1962 | 1963 |
| UNITED STATES..... | 47 | 1,358 | 4,851 | 4,638 | 9 | 7 | 9 | 6 | 161 | 70 | 63 | 1,869 |
| NEW ENGLAND..... | 4 | 86 | 528 | 321 | - | - | - | - | 6 | 2 | - | 20 |
| Maine..... | 1 | 15 | 5 | 5 | - | - | - | - | - | - | - | 1 |
| New Hampshire..... | 2 | 4 | 7 | 1 | - | - | - | - | - | - | - | 12 |
| Vermont..... | - | 3 | 6 | 17 | - | - | - | - | 1 | 2 | - | 7 |
| Massachusetts..... | - | 37 | 80 | 56 | - | - | - | - | 4 | - | - | - |
| Rhode Island..... | 1 | 9 | 30 | 16 | - | - | - | - | - | - | - | - |
| Connecticut..... | - | 18 | 400 | 226 | - | - | - | - | 1 | - | - | - |
| MIDDLE ATLANTIC..... | 7 | 190 | 288 | 237 | 1 | - | - | - | 20 | 6 | 4 | 53 |
| New York..... | 6 | 82 | 211 | 136 | - | - | - | - | 14 | 4 | 2 | 39 |
| New Jersey..... | - | 26 | 47 | 42 | - | - | - | - | 1 | - | - | - |
| Pennsylvania..... | 1 | 82 | 30 | 59 | 1 | - | - | - | 5 | 2 | 2 | 14 |
| EAST NORTH CENTRAL... | 9 | 222 | 584 | 451 | 2 | - | - | - | 8 | 6 | 13 | 278 |
| Ohio..... | 2 | 62 | 64 | 47 | - | - | - | - | 2 | - | - | 161 |
| Indiana..... | 2 | 27 | 49 | 37 | 1 | - | - | - | 1 | - | 7 | 30 |
| Illinois..... | 2 | 37 | 72 | 65 | - | - | - | - | 3 | 4 | 2 | 43 |
| Michigan..... | 2 | 69 | 310 | 174 | 1 | - | - | - | 1 | 2 | 3 | 28 |
| Wisconsin..... | 1 | 27 | 89 | 128 | - | - | - | - | 1 | - | 1 | 16 |
| WEST NORTH CENTRAL... | - | 80 | 90 | 95 | 2 | - | - | - | 1 | 15 | 17 | 445 |
| Minnesota..... | - | 16 | 14 | 10 | 2 | - | - | - | 3 | 7 | 3 | 121 |
| Iowa..... | - | 4 | 18 | 31 | - | - | - | - | 1 | 5 | 7 | 161 |
| Missouri..... | - | 28 | 1 | 11 | - | - | - | - | 6 | 1 | 6 | 80 |
| North Dakota..... | - | 4 | 56 | 24 | - | - | - | - | - | - | 1 | 13 |
| South Dakota..... | - | 4 | - | 1 | - | - | - | - | - | 1 | - | 54 |
| Nebraska..... | - | 19 | - | - | - | - | - | - | - | 1 | - | 8 |
| Kansas..... | - | 5 | 1 | 18 | - | - | - | - | - | - | - | 8 |
| SOUTH ATLANTIC..... | 11 | 247 | 312 | 368 | 1 | 2 | - | 2 | 34 | 8 | 6 | 296 |
| Delaware..... | - | 2 | 6 | 1 | - | - | - | - | 1 | - | - | - |
| Maryland..... | 2 | 40 | 8 | 11 | - | - | - | - | 3 | - | - | - |
| Dist. of Columbia.. | - | 4 | 2 | 2 | - | - | - | - | - | - | - | - |
| Virginia..... | 5 | 64 | 113 | 109 | - | 2 | - | - | 4 | 3 | 3 | 109 |
| West Virginia..... | - | 13 | 51 | 86 | - | - | - | - | 1 | 6 | 2 | 87 |
| North Carolina..... | - | 39 | 19 | 2 | 1 | - | - | - | 5 | 1 | - | 5 |
| South Carolina..... | - | 13 | 29 | 10 | - | - | - | - | 2 | - | - | 6 |
| Georgia..... | 4 | 16 | 3 | 41 | - | - | - | - | 2 | 1 | - | 35 |
| Florida..... | - | 56 | 81 | 106 | - | - | - | 1 | 11 | 1 | 1 | 54 |
| EAST SOUTH CENTRAL... | 3 | 107 | 848 | 591 | 1 | 3 | - | - | 14 | 5 | 3 | 158 |
| Kentucky..... | 1 | 23 | 91 | 52 | - | - | - | - | 1 | 1 | 2 | 74 |
| Tennessee..... | 1 | 46 | 665 | 492 | - | 2 | - | - | 9 | 2 | - | 70 |
| Alabama..... | - | 21 | 6 | 2 | 1 | 1 | - | - | 4 | 2 | 1 | 14 |
| Mississippi..... | 1 | 17 | 86 | 45 | - | - | - | - | - | - | - | - |
| WEST SOUTH CENTRAL... | 1 | 138 | 499 | 481 | 1 | 2 | 6 | - | 28 | 21 | 16 | 391 |
| Arkansas..... | - | 8 | 2 | - | - | - | 5 | - | 14 | - | 1 | 24 |
| Louisiana..... | 1 | 57 | 2 | - | - | - | - | - | 5 | - | - | 35 |
| Oklahoma..... | - | 27 | 1 | 8 | - | 2 | 1 | - | 2 | 1 | 2 | 33 |
| Texas..... | - | 46 | 494 | 473 | 1 | - | - | - | 7 | 20 | 13 | 299 |
| MOUNTAIN..... | 1 | 43 | 921 | 1,041 | 1 | - | 3 | 3 | 5 | - | 1 | 39 |
| Montana..... | - | 3 | 40 | 15 | - | - | - | - | - | - | - | - |
| Idaho..... | - | 3 | 91 | 95 | - | - | - | - | - | - | - | - |
| Wyoming..... | - | 1 | 13 | 6 | - | - | 2 | - | - | - | - | - |
| Colorado..... | - | 11 | 444 | 409 | - | - | 1 | - | 2 | - | - | - |
| New Mexico..... | - | 3 | 186 | 229 | - | - | - | 1 | 1 | - | - | 21 |
| Arizona..... | - | 7 | 92 | 194 | 1 | - | - | - | 2 | 2 | 1 | 18 |
| Utah..... | 1 | 12 | 55 | 91 | - | - | - | - | - | - | - | - |
| Nevada..... | - | 3 | - | 2 | - | - | - | - | - | - | - | - |
| PACIFIC..... | 11 | 245 | 781 | 1,053 | - | - | - | - | 36 | 7 | 3 | 189 |
| Washington..... | 1 | 18 | 93 | 113 | - | - | - | - | - | - | - | - |
| Oregon..... | 1 | 15 | 5 | 10 | - | - | - | - | 2 | - | - | 1 |
| California..... | 7 | 199 | 602 | 867 | - | - | - | - | 31 | 7 | 3 | 179 |
| Alaska..... | 1 | 6 | 30 | 51 | - | - | - | - | 1 | - | - | 9 |
| Hawaii..... | 1 | 7 | 51 | 12 | - | - | - | - | 2 | - | - | - |
| Puerto Rico..... | - | 4 | 13 | 1 | 1 | - | - | - | 8 | - | - | 6 |

Morbidity and Mortality Weekly Report

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Table 4 (D). TOTAL DEATHS AMONG PERSONS 65 YEARS AND OVER IN REPORTING CITIES

(Tables 4(A), 4(B), 4(C), and 4(D) will be published in sequence covering a four-week period.)^o

| Area | For weeks ending | | | | Area | For weeks ending | | | |
|----------------------------|------------------|-----|-----|------|---|------------------|-----|-----|------|
| | 5/25 | 6/1 | 6/8 | 6/15 | | 5/25 | 6/1 | 6/8 | 6/15 |
| NEW ENGLAND: | | | | | SOUTH ATLANTIC: | | | | |
| Boston, Mass..... | 135 | 129 | 156 | 135 | Atlanta, Ga..... | 62 | 48 | 44 | 66 |
| Bridgeport, Conn..... | 19 | 18 | 28 | 28 | Baltimore, Md..... | 112 | 93 | 133 | 109 |
| Cambridge, Mass..... | 16 | 15 | 24 | 21 | Charlotte, N.C..... | 15 | 11 | 23 | 29 |
| Fall River, Mass..... | 10 | 22 | 20 | 15 | Jacksonville, Fla..... | 30 | 23 | 15 | 32 |
| Hartford, Conn..... | 24 | 17 | 35 | 31 | Miami, Fla..... | 41 | 24 | 55 | 36 |
| Lowell, Mass..... | 7 | 12 | 14 | 14 | Norfolk, Va..... | 16 | 15 | 16 | 19 |
| Lynn, Mass..... | 16 | 25 | 9 | 21 | Richmond, Va..... | 39 | 41 | 46 | 46 |
| New Bedford, Mass..... | 23 | 13 | 20 | 22 | Savannah, Ga..... | 15 | 21 | 13 | 16 |
| New Haven, Conn..... | 22 | 20 | 24 | 28 | St. Petersburg, Fla..... | 52 | 42 | 53 | 58 |
| Providence, R.I..... | 35 | 36 | 28 | 36 | Tampa, Fla..... | 45 | 30 | 44 | 28 |
| Somerville, Mass..... | 6 | 10 | 11 | 8 | Washington, D.C..... | 83 | 77 | 85 | 91 |
| Springfield, Mass..... | 33 | 16 | 27 | 17 | Wilmington, Del..... | 28 | 11 | 18 | 15 |
| Waterbury, Conn..... | 16 | 21 | 19 | 13 | EAST SOUTH CENTRAL: | | | | |
| Worcester, Mass..... | 31 | 37 | 34 | 41 | Birmingham, Ala..... | 50 | 38 | 37 | 50 |
| MIDDLE ATLANTIC: | | | | | Chattanooga, Tenn..... | 18 | 17 | 18 | 27 |
| Albany, N.Y..... | 26 | 20 | 29 | 20 | Knoxville, Tenn..... | 26 | 16 | 27 | 11 |
| Allentown, Pa..... | 22 | 21 | 17 | 15 | Louisville, Ky..... | 61 | 29 | 69 | 52 |
| Buffalo, N.Y..... | 73 | 67 | 85 | 74 | Memphis, Tenn..... | 68 | 46 | 59 | 72 |
| Camden, N.J..... | 21 | 19 | 24 | 30 | Mobile, Ala..... | 16 | 15 | 17 | 22 |
| Elizabeth, N.J..... | 16 | 14 | 15 | 16 | Montgomery, Ala..... | 19 | 18 | 17 | 22 |
| Erie, Pa..... | 25 | 29 | 25 | 19 | Nashville, Tenn..... | 65 | 41 | 56 | 60 |
| Jersey City, N.J..... | 31 | 34 | 32 | 31 | WEST SOUTH CENTRAL: | | | | |
| Newark, N.J..... | 63 | 24 | 60 | 47 | Austin, Tex..... | 16 | 17 | 22 | 21 |
| New York City, N.Y..... | 877 | 891 | 883 | 854 | Baton Rouge, La..... | 18 | 15 | 14 | 15 |
| Paterson, N.J..... | 25 | 11 | 17 | 16 | Corpus Christi, Tex..... | 9 | 10 | 14 | 6 |
| Philadelphia, Pa..... | 219 | 204 | 258 | 261 | Dallas, Tex..... | 64 | 57 | 66 | 59 |
| Pittsburgh, Pa..... | 80 | 96 | 124 | 79 | El Paso, Tex..... | 17 | 16 | 21 | 16 |
| Reading, Pa..... | 28 | 25 | 25 | 25 | Fort Worth, Tex..... | 41 | 44 | 45 | 29 |
| Rochester, N.Y..... | 81 | 78 | 78 | 72 | Houston, Tex..... | 70 | 76 | 74 | 72 |
| Schenectady, N.Y..... | 11 | 19 | 11 | 11 | Little Rock, Ark..... | 46 | 23 | 30 | 34 |
| Scranton, Pa..... | 17 | 13 | 13 | 24 | New Orleans, La..... | 68 | 70 | 90 | 94 |
| Syracuse, N.Y..... | 33 | 34 | 36 | 49 | Oklahoma City, Okla..... | 40 | 32 | 39 | 63 |
| Trenton, N.J..... | 22 | 23 | 27 | 39 | San Antonio, Tex..... | 45 | 53 | 56 | 58 |
| Utica, N.Y..... | 14 | 13 | 13 | 10 | Shreveport, La..... | 27 | 34 | 17 | 32 |
| Yonkers, N.Y..... | 18 | 20 | 21 | 17 | Tulsa, Okla..... | 28 | 28 | 41 | 36 |
| EAST NORTH CENTRAL: | | | | | MOUNTAIN: | | | | |
| Akron, Ohio..... | 30 | 26 | 31 | 33 | Albuquerque, N. Mex..... | 8 | 13 | 9 | 10 |
| Canton, Ohio..... | 24 | 21 | 20 | 28 | Colorado Springs, Colo... | 8 | 18 | 13 | 12 |
| Chicago, Ill..... | 398 | 343 | 393 | 454 | Denver, Colo..... | 62 | 60 | 66 | 51 |
| Cincinnati, Ohio..... | 93 | 80 | 114 | 87 | Ogden, Utah..... | 9 | 7 | 11 | 7 |
| Cleveland, Ohio..... | 97 | 90 | 130 | 140 | Phoenix, Ariz..... | 37 | 38 | 48 | 37 |
| Columbus, Ohio..... | 74 | 71 | 62 | 58 | Pueblo, Colo..... | 5 | 6 | 8 | 9 |
| Dayton, Ohio..... | 50 | 40 | 45 | 31 | Salt Lake City, Utah..... | 41 | 27 | 29 | 24 |
| Detroit, Mich..... | 170 | 124 | 205 | 244 | Tucson, Ariz..... | 28 | 23 | 26 | 19 |
| Evansville, Ind..... | 19 | 23 | 28 | 24 | PACIFIC: | | | | |
| Flint, Mich..... | 27 | 19 | 27 | 32 | Berkeley, Calif..... | 11 | 14 | 11 | 15 |
| Fort Wayne, Ind..... | 16 | 27 | 33 | 27 | Fresno, Calif..... | 23 | 24 | 25 | 34 |
| Gary, Ind..... | 13 | 12 | 24 | 16 | Glendale, Calif..... | 33 | 20 | 31 | 21 |
| Grand Rapids, Mich..... | 27 | 31 | 40 | 22 | Honolulu, Hawaii..... | 19 | 22 | 17 | 14 |
| Indianapolis, Ind..... | 77 | 72 | 85 | 88 | Long Beach, Calif..... | 38 | 29 | 51 | 37 |
| Madison, Wis..... | 23 | 14 | 14 | 30 | Los Angeles, Calif..... | 292 | 231 | 305 | 310 |
| Milwaukee, Wis..... | 72 | 59 | 95 | 82 | Oakland, Calif..... | 67 | 46 | 55 | 53 |
| Peoria, Ill..... | 21 | 16 | 16 | 23 | Pasadena, Calif..... | 24 | 17 | 39 | 28 |
| Rockford, Ill..... | 19 | 20 | 18 | 32 | Portland, Oreg..... | 67 | 56 | 73 | 53 |
| South Bend, Ind..... | 28 | 22 | 29 | 34 | Sacramento, Calif..... | 32 | 29 | 32 | 30 |
| Toledo, Ohio..... | 58 | 42 | 72 | 71 | San Diego, Calif..... | 51 | 65 | 47 | 40 |
| Youngstown, Ohio..... | 38 | 33 | 41 | 44 | San Francisco, Calif..... | 115 | 120 | 127 | 124 |
| WEST NORTH CENTRAL: | | | | | San Jose, Calif..... | 22 | 23 | 28 | 22 |
| Des Moines, Iowa..... | 34 | 32 | 36 | 42 | Seattle, Wash..... | 87 | 64 | 107 | 85 |
| Duluth, Minn..... | 16 | 13 | 20 | 16 | Spokane, Wash..... | 35 | 44 | 21 | 48 |
| Kansas City, Kans..... | 24 | 22 | 22 | 23 | Tacoma, Wash..... | 29 | 23 | 39 | 27 |
| Kansas City, Mo..... | 60 | 65 | 96 | 68 | San Juan, P.R..... | | | | |
| Lincoln, Nebr..... | 20 | 15 | 18 | 17 | 19 | 20 | 11 | 15 | |
| Minneapolis, Minn..... | 54 | 62 | 73 | 65 | ^o Current Week Mortality for 108 Selected Cities | | | | |
| Omaha, Nebr..... | 47 | 31 | 46 | 51 | 4(A) Total Mortality, all ages..... | 11,558 | | | |
| St. Louis, Mo..... | 135 | 106 | 163 | 192 | 4(B) Pneumonia-Influenza Deaths, all ages..... | 387 | | | |
| St. Paul, Minn..... | 50 | 44 | 45 | 44 | 4(C) Total Deaths under 1 Year of Age..... | 776 | | | |
| Wichita, Kans..... | 27 | 22 | 20 | 34 | 4(D) Total Deaths, Persons 65 years and over..... | 6,441 | | | |

Totals for previous weeks include reported corrections.

NOTE: All deaths by place of occurrence.

the expected isolations of *Salmonella derby* unrelated to the outbreak. An additional 27 cases may have been associated with hospitalization, and 50 cases are currently under study.

Approximately one-half of the hospitals are still experiencing a small number of new cases.

Notes: These provisional data are based on weekly telegrams to the Communicable Disease Center by the individual State health departments.
 Symbols: --- Data not available
 - Quantity zero
 Procedures for construction of various mortality curves may be obtained from Statistics Section, Communicable Disease Center, Public Health Service, U. S. Department of Health, Education, and Welfare, Atlanta 22, Georgia.

INTERNATIONAL NOTES – QUARANTINE MEASURES

Immunization Information for International Travel
 1962 Edition

Public Health Service Publication No. 384

The following information should be added to the list of Yellow Fever Vaccination Centers in Section 6:

CITY: University Park, New Mexico

CENTER: Student Health Service
 New Mexico State University
 Tel. 526-6611, Ext. 451

CLINIC HOURS: By Appointment

FEE: Yes

Library
81
7 61
CDC

U. S. DEPARTMENT OF
 HEALTH, EDUCATION, AND WELFARE
 PUBLIC HEALTH SERVICE
 Communicable Disease Center
 Atlanta 22, Georgia
 Official Business

POSTAGE AND FEES PAID
 U. S. DEPARTMENT OF H. E. W.
