

Morbidity and Mortality

Weekly Report

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

PUBLIC HEALTH SERVICE

Prepared by the **COMMUNICABLE DISEASE CENTER** 634-5131

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ATLANTA, GEORGIA 30333

Vol. 13, No. 16

PROVISIONAL INFORMATION ON SELECTED NOTIFIABLE DISEASES IN THE UNITED STATES AND ON DEATHS IN SELECTED CITIES FOR WEEK ENDED APRIL 18, 1964

BRUCELLOSIS

Fifteen cases of brucellosis were reported for the week ended April 18, thus bringing to 120 the cumulative total for 1964. Iowa reported 12 cases this week; single cases were reported from Illinois, Kentucky, and North Dakota.

Of Iowa's 12 cases, 7 were delayed reports from the one county which annually reports the greatest number of that State's cases. Thus far in 1964, this county has accounted for 20 of Iowa's 39 cases of brucellosis. All of this county's cases were industrially acquired, from swine at a single packing house.

This year's 120 cases represent reports from 31 States. Iowa's 39 cases are the highest for any State and

compare with the 60, 26, and 64 reported for comparable periods of 1963, 1962, and 1961, respectively. Iowa accounted for 40 percent of the Nation's 1963 total.

For the comparable period one year ago, 106 cases were reported throughout the United States. The annual total for the country has declined from the 6,321 cases reported in 1947 to the 381 cases reported last year.

Nationally, packing house workers comprise 50 percent of the patients with brucellosis, contrasted with 25 percent in 1958. Whereas swine were the source for about 10 percent of brucellosis 6 years ago, they accounted for about 40 percent in 1963. Most of the industrially acquired brucellosis is of swine origin.

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

| Disease | 16th Week Ended | | Median 1959 - 1963 | Cumulative, First 16 Weeks | | |
|--|-------------------|-------------------|-----------------------|----------------------------|---------|-----------------------|
| | April 18, 1964 | April 20, 1963 | | 1964 | 1963 | Median 1959 - 1963 |
| Aseptic meningitis | 29 | 18 | --- | 439 | 351 | --- |
| Brucellosis | 15 | 13 | 11 | 120 | 106 | 167 |
| Diphtheria | 10 | 1 | 8 | 65 | 100 | 230 |
| Encephalitis, primary infectious .. | 38 | 28 | --- | 514 | 412 | --- |
| Encephalitis, post-infectious | 27 | | --- | 221 | | --- |
| Hepatitis, infectious including serum hepatitis | 825 | 845 | 845 | 14,566 | 16,334 | 16,334 |
| Measles | 29,671 | 17,460 | 17,630 | 196,961 | 195,705 | 201,668 |
| Meningococcal infections | 69 | 46 | 46 | 970 | 944 | 900 |
| Polio myelitis, Total | 3 | 1 | 6 | 22 | 44 | 127 |
| Paralytic | 3 | 1 | 6 | 16 | 39 | 82 |
| Nonparalytic | - | - | --- | 5 | 2 | --- |
| Unspecified | - | - | --- | 1 | 3 | --- |
| Streptococcal Sore Throat and Scarlet fever | 10,452 | 7,408 | --- | 172,981 | 154,383 | --- |
| Tetanus | 5 | 5 | --- | 60 | 55 | --- |
| Tularemia | 2 | 3 | --- | 78 | 61 | --- |
| Typhoid fever | 8 | 7 | 10 | 103 | 113 | 152 |
| Rabies in Animals | 111 | 94 | 81 | 1,361 | 1,150 | 1,289 |

Table 2. NOTIFIABLE DISEASES OF LOW FREQUENCY

| | Cum. | | Cum. |
|------------------------|------|------------------------|------|
| Anthrax: | 2 | Psittacosis: | 13 |
| Botulism: | 6 | Rabies in Man: | - |
| Leptospirosis: Pa.-1 | 7 | Smallpox: | - |
| Malaria: N.J.-1, Ga.-1 | 29 | Typhus- | |
| Plague: | - | Murine: Mo.-1 | 3 |
| | | Rky Mt. Spotted: Va.-1 | 7 |

EPIDEMIOLOGICAL REPORTS

PLAGUE - Arizona

A detailed clinical account is presented of the fatal case of plague reported on page 423 of Vol. 12 of the MMWR.

The victim was a 28-year-old, unmarried, Navajo sheep herder who lived 5 miles north of Houck, Arizona, which is located on U. S. Highway 66. On December 1, he drove his sheep to a pasture where they grazed through December 5.

On December 5, he experienced the abrupt onset of chills, headache, abdominal pains, green, watery diarrhea, and frequent expulsion of blood-tinged vomitus. He also complained of pain under his left arm. His symptoms persisted and he was driven to the Gallup, New Mexico, Indian Hospital, December 7.

At 11 a.m., he was seen in the out-patient department. His vital signs were: temperature 96.8°F., blood pressure 102/88, and pulse 130. Positive physical findings included subjective abdominal tenderness, moderate guarding without rebound, and decreased bowel sounds. The initial clinical impression was gastroenteritis, with the possibility of surgical abdomen.

On the surgical ward at 2:30 p.m., his vital signs were: temperature 98.8°F., blood pressure 80/60, pulse 146, and respirations 36. He was described as alert, restless, and dyspneic. He stated he had difficulty breathing; oxygen was administered. A large, painful, solitary node in the left axilla was noted on repeat physical examination. The overlying tissues were indurated without pitting or erythema. Repeat abdominal examination revealed increased guarding on the right.

His initial laboratory tests were: hemoglobin 16.6, hematocrit 50, white count 105,000, differential polymorphs 64, bands 22, lymphs 13, and monocytes 1. Numerous bacteria (5 per white blood cell) were noted on the peripheral blood smear. Gram stain of the peripheral blood revealed numerous pleomorphic gram negative rods. His chest X-ray was interpreted as normal, his abdominal film showed less than normal gas, an electrocardiogram showed sinus tachycardia, and his electrolytes were: CO₂ 28.6, Na 134, Cl 87, and K 3.2.

At 3:45 p.m., his temperature rose to 104.6°F. It was learned at this time that he frequently killed rabbits for food; he reported having killed and torn apart cottontail rabbits for his dog 3 days prior to onset. Diagnosis of gram negative septicemia, probably *Pasteurella tularensis*, was made.

At 6 p.m., his temperature rose to 106.2°; his vital signs were: blood pressure 76/0, pulse 120, and respirations 40. Despite treatment with streptomycin and chloromycetin, he expired 8 hours after he was first seen in the out-patient department.

At post-mortem examination, the only skin lesions present were a scratch on the lateral aspect of the left

arm and an abrasion of the right thumb. Positive autopsy findings included bilateral pleural effusions, heavily congested lungs, gray, frothy fluid within the trachea and bronchi, which had injected mucosa, submucosal gastric petechiae, and black, liquid stool in the rectum. Lymph nodes from the left axilla measured 2x2 centimeters and were hemorrhagic and necrotic.

Pre-mortem blood cultures and bone marrow revealed *Pasteurella pestis* and *pneumococcus* type VI. Post-mortem cultures of lymph node, liver, and spleen also demonstrated both organisms. A bone marrow smear was interpreted as demonstrating a leukemoid response.

Hospital and family contacts were treated prophylactically with streptomycin and sulfonamide.

No further cases have been suspect or diagnosed.

(Reported by Robert L. Brutsche, M.D., Medical Officer in Charge, Indian Health Hospital, Gallup, New Mexico; Dr. Lloyd M. Farmer, Commissioner of Public Health, Arizona State Department of Health; and a team from the Communicable Disease Center).

Editor's Note: The co-existence of another organism with *P. pestis*, in this case *pneumococci* Type VI, is an interesting phenomena which has been observed in at least one previous case of plague and which may mask the diagnosis of plague. In 1961, when 3 cases of plague were reported, post-mortem bacteriologic studies in one of the 2 fatal cases revealed the presence of hemolytic *streptococcus* Group A in addition to *P. pestis*.

MUSHROOM POISONING - California

Two San Joaquin County children experienced muscarine poisoning within 3 hours after ingesting dried mushrooms. Between 2 and 3 hours after eating the dried mushrooms, which had been added to freshly opened tomato soup, a 16-year-old boy and his 3-year-old sister became acutely ill. They experienced vomiting, diarrhea, hematemesis, melena, abdominal cramps, fever, vasomotor flush, bradycardia, and hypotension. They were hospitalized and treated with atropine; both children recovered within 48 hours.

The suspect mushrooms were part of a larger non-commercial stock picked locally and used by the family during the past year without known ill effects.

A sample of remaining mushroom was described as a member of the *Boletus* genus; further identification was not possible because of the condition of the sample. Certain species of the *Boletus* genus have been incriminated in previous mushroom poisonings.

(Reported by Jack J. Williams, M.D., District Health Officer, and Philip A. Bearg, M.D., Assistant District Health Officer, San Joaquin Local Health District, Stockton, California; Philip K. Condit, M.D., Chief, Bureau of Communicable Diseases, California State Department of Public Health).

SUMMARY OF REPORTED CASES OF INFECTIOUS SYPHILIS

MARCH 1964 - MARCH 1963

CASES OF PRIMARY AND SECONDARY SYPHILIS: By Reporting Area March 1964 and March 1963 - Provisional

| Reporting Area | March, | | Cumulative Jan - Mar | | Reporting Area | March, | | Cumulative Jan - Mar | |
|---------------------------|--------|------|----------------------|-------|-------------------------|--------|-------|----------------------|-------|
| | 1964 | 1963 | 1964 | 1963 | | 1964 | 1963 | 1964 | 1963 |
| NEW ENGLAND..... | 43 | 28 | 125 | 97 | EAST SOUTH CENTRAL..... | 139 | 134 | 376 | 353 |
| Maine..... | 1 | 1 | 1 | 2 | Kentucky..... | 11 | 3 | 30 | 24 |
| New Hampshire..... | 1 | - | 4 | 2 | Tennessee..... | 36 | 46 | 108 | 116 |
| Vermont..... | 1 | 1 | 1 | 1 | Alabama..... | 74 | 53 | 194 | 153 |
| Massachusetts..... | 25 | 12 | 78 | 49 | Mississippi..... | 18 | 32 | 44 | 60 |
| Rhode Island..... | 1 | 2 | 5 | 5 | WEST SOUTH CENTRAL..... | 202 | 227 | 612 | 687 |
| Connecticut..... | 14 | 12 | 36 | 38 | Arkansas..... | 14 | 18 | 46 | 48 |
| MIDDLE ATLANTIC..... | 517 | 526 | 1,398 | 1,501 | Louisiana..... | 46 | 43 | 145 | 146 |
| Upstate New York..... | 69 | 52 | 181 | 136 | Oklahoma..... | 18 | 13 | 35 | 50 |
| New York City..... | 320 | 297 | 824 | 874 | Texas..... | 124 | 153 | 386 | 443 |
| Pa. (Excl. Phila.)..... | 12 | 13 | 35 | 36 | MOUNTAIN..... | 40 | 31 | 136 | 116 |
| Philadelphia..... | 31 | 76 | 87 | 202 | Montana..... | 2 | - | 3 | - |
| New Jersey..... | 85 | 88 | 271 | 253 | Idaho..... | - | - | 4 | - |
| EAST NORTH CENTRAL..... | 177 | 181 | 561 | 492 | Wyoming..... | 1 | - | 6 | 2 |
| Ohio..... | 30 | 33 | 137 | 97 | Colorado..... | 3 | 3 | 4 | 15 |
| Indiana..... | 3 | 3 | 18 | 12 | New Mexico..... | 20 | 8 | 70 | 22 |
| Downstate Illinois..... | 7 | 12 | 33 | 31 | Arizona..... | 12 | 14 | 37 | 54 |
| Chicago..... | 78 | 77 | 215 | 231 | Utah..... | - | 4 | 4 | 8 |
| Michigan..... | 53 | 49 | 144 | 105 | Nevada..... | 2 | 2 | 8 | 15 |
| Wisconsin..... | 6 | 7 | 14 | 16 | PACIFIC..... | 181 | 172 | 630 | 524 |
| WEST NORTH CENTRAL..... | 47 | 44 | 162 | 108 | Washington..... | 1 | 12 | 12 | 42 |
| Minnesota..... | 10 | 9 | 34 | 21 | Oregon..... | 8 | 3 | 25 | 10 |
| Iowa..... | 2 | 4 | 8 | 7 | California..... | 171 | 156 | 585 | 465 |
| Missouri..... | 25 | 19 | 77 | 42 | Alaska..... | - | - | 3 | 2 |
| North Dakota..... | - | - | - | - | Hawaii..... | 1 | 1 | 5 | 5 |
| South Dakota..... | 2 | - | 15 | 5 | U. S. TOTAL..... | 1,870 | 1,962 | 5,637 | 5,430 |
| Nebraska..... | 4 | 6 | 19 | 16 | TERRITORIES..... | 63 | 70 | 196 | 178 |
| Kansas..... | 4 | 6 | 9 | 17 | Puerto Rico..... | 62 | 69 | 191 | 174 |
| SOUTH ATLANTIC..... | 524 | 619 | 1,637 | 1,552 | Virgin Islands..... | 1 | 1 | 5 | 4 |
| Delaware..... | 6 | 2 | 27 | 15 | | | | | |
| Maryland..... | 62 | 40 | 142 | 129 | | | | | |
| District of Columbia..... | 36 | 72 | 131 | 187 | | | | | |
| Virginia..... | 18 | 28 | 69 | 79 | | | | | |
| West Virginia..... | 6 | 9 | 10 | 15 | | | | | |
| North Carolina..... | 78 | 92 | 239 | 228 | | | | | |
| South Carolina..... | 80 | 68 | 226 | 181 | | | | | |
| Georgia..... | 94 | 108 | 279 | 263 | | | | | |
| Florida..... | 144 | 200 | 514 | 455 | | | | | |

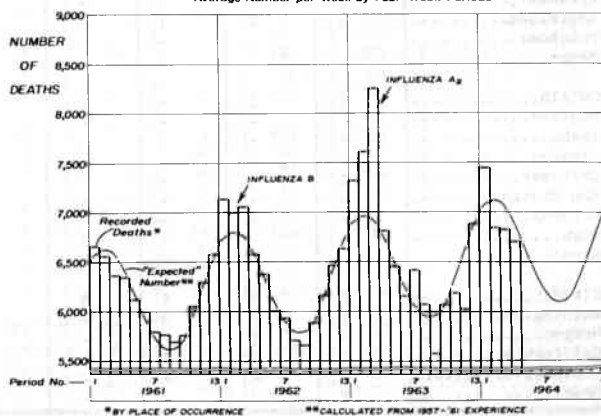
Note: Cumulative Totals include revised and delayed reports through previous months.

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 April 18 was 6,706 as compared with an expected weekly average of 6,914.

| | Week Ending | | | | 4 Week Total | Weekly Average |
|----------|-------------|-------|-------|-------|--------------|----------------|
| | 3/28 | 4/4 | 4/11 | 4/18 | | |
| Observed | 6,476 | 6,952 | 6,836 | 6,560 | 26,824 | 6,706 |
| Expected | 6,991 | 6,943 | 6,890 | 6,831 | 27,655 | 6,914 |
| Excess | -515 | 9 | -54 | -271 | -831 | -208 |

DEATHS AT AGE 65 and OVER in 108 U.S. CITIES
Average Number per Week by Four-Week Periods



(See table, page 139)

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

APRIL 18, 1964 AND APRIL 20, 1963 (16th WEEK)

| Area | Aseptic Meningitis | | Encephalitis | | Poliomyelitis, Total Cases | | | | Poliomyelitis, Paralytic | | | |
|-------------------------|--------------------|------|--------------|-----------|----------------------------|------|------------|------|--------------------------|------|----|----|
| | | | Primary | Post-Inf. | Cumulative | | Cumulative | | | | | |
| | 1964 | 1963 | 1964 | 1964 | 1964 | 1963 | 1964 | 1963 | 1964 | 1963 | | |
| UNITED STATES... | 29 | 18 | 38 | 27 | 3 | 1 | 22 | 44 | 3 | 1 | 16 | 39 |
| NEW ENGLAND..... | 1 | 1 | 2 | - | - | - | - | - | - | - | - | - |
| Maine..... | - | 1 | - | - | - | - | - | - | - | - | - | - |
| New Hampshire..... | - | - | - | - | - | - | - | - | - | - | - | - |
| Vermont..... | - | - | - | - | - | - | - | - | - | - | - | - |
| Massachusetts..... | - | - | - | - | - | - | - | - | - | - | - | - |
| Rhode Island..... | 1 | - | 2 | - | - | - | - | - | - | - | - | - |
| Connecticut..... | - | - | - | - | - | - | - | - | - | - | - | - |
| MIDDLE ATLANTIC..... | 10 | - | 9 | 5 | - | - | 4 | 5 | - | - | 4 | 5 |
| New York City..... | - | - | 1 | - | - | - | 1 | - | - | - | 1 | - |
| New York, Up-State..... | 2 | - | 1 | 1 | - | - | 2 | 4 | - | - | 2 | 4 |
| New Jersey..... | 6 | - | 5 | - | - | - | 1 | - | - | - | 1 | - |
| Pennsylvania..... | 2 | - | 2 | 4 | - | - | - | 1 | - | - | - | 1 |
| EAST NORTH CENTRAL... | 5 | 1 | 7 | 12 | 1 | - | 2 | 12 | 1 | - | 2 | 10 |
| Ohio..... | - | 1 | 2 | 1 | 1 | - | 1 | 4 | 1 | - | 1 | 3 |
| Indiana..... | - | - | 2 | - | - | - | - | - | - | - | - | - |
| Illinois..... | 3 | - | - | 9 | - | - | 1 | 6 | - | - | 1 | 5 |
| Michigan..... | 2 | - | 3 | 2 | - | - | - | 2 | - | - | - | 2 |
| Wisconsin..... | - | - | - | - | - | - | - | - | - | - | - | - |
| WEST NORTH CENTRAL... | 2 | 2 | 8 | - | - | - | - | 1 | - | - | - | 1 |
| Minnesota..... | 2 | 2 | 3 | - | - | - | - | 1 | - | - | - | 1 |
| Iowa..... | - | - | - | - | - | - | - | - | - | - | - | - |
| Missouri..... | - | - | 1 | - | - | - | - | - | - | - | - | - |
| North Dakota..... | - | - | - | - | - | - | - | - | - | - | - | - |
| South Dakota..... | - | - | - | - | - | - | - | - | - | - | - | - |
| Nebraska..... | - | - | - | - | - | - | - | - | - | - | - | - |
| Kansas..... | - | - | 4 | - | - | - | - | - | - | - | - | - |
| SOUTH ATLANTIC..... | 1 | - | 5 | - | 2 | 1 | 11 | 4 | 2 | 1 | 8 | 3 |
| Delaware..... | - | - | - | - | - | - | - | - | - | - | - | - |
| Maryland..... | - | - | - | - | - | - | - | - | - | - | - | - |
| Dist. of Columbia.. | - | - | - | - | - | - | - | - | - | - | - | - |
| Virginia..... | - | - | - | - | - | - | - | - | - | - | - | - |
| West Virginia..... | - | - | 1 | - | 1 | - | 1 | - | 1 | - | 1 | - |
| North Carolina..... | - | - | - | - | 1 | - | 5 | 2 | - | - | 2 | 2 |
| South Carolina..... | - | - | - | - | - | - | 1 | - | - | - | 1 | - |
| Georgia..... | - | - | - | - | - | - | 1 | 1 | - | - | 1 | - |
| Florida..... | 1 | - | 4 | - | - | 1 | 3 | 1 | - | 1 | 3 | 1 |
| EAST SOUTH CENTRAL... | 1 | 3 | - | - | - | - | 1 | 3 | - | - | - | 2 |
| Kentucky..... | - | 2 | - | - | - | - | - | - | - | - | - | - |
| Tennessee..... | - | 1 | - | - | - | - | 1 | 1 | - | - | - | 1 |
| Alabama..... | 1 | - | - | - | - | - | - | 2 | - | - | - | 1 |
| Mississippi..... | - | - | - | - | - | - | - | - | - | - | - | - |
| WEST SOUTH CENTRAL... | 1 | 2 | 3 | - | - | - | 2 | 9 | - | - | 1 | 9 |
| Arkansas..... | 1 | - | - | - | - | - | 1 | - | - | - | - | - |
| Louisiana..... | - | - | 1 | - | - | - | - | 8 | - | - | - | 8 |
| Oklahoma..... | - | - | - | - | - | - | - | - | - | - | - | - |
| Texas..... | - | 2 | 2 | - | - | - | 2 | 1 | - | - | 1 | 1 |
| MOUNTAIN..... | 1 | 1 | - | 1 | - | - | 2 | 1 | - | - | 1 | 1 |
| Montana..... | - | - | - | - | - | - | - | - | - | - | - | - |
| Idaho..... | - | - | - | - | - | - | - | 1 | - | - | - | 1 |
| Wyoming..... | - | - | - | - | - | - | - | - | - | - | - | - |
| Colorado..... | 1 | - | - | - | - | - | 1 | - | - | - | 1 | - |
| New Mexico..... | - | - | - | - | - | - | 1 | - | - | - | - | - |
| Arizona..... | - | 1 | - | - | - | - | - | - | - | - | - | - |
| Utah..... | - | - | - | 1 | - | - | - | - | - | - | - | - |
| Nevada..... | - | - | - | - | - | - | - | - | - | - | - | - |
| PACIFIC..... | 7 | 8 | 4 | 9 | - | - | - | 9 | - | - | - | 8 |
| Washington..... | 1 | 2 | 3 | - | - | - | - | 1 | - | - | - | 1 |
| Oregon..... | - | 1 | - | - | - | - | - | 1 | - | - | - | 1 |
| California..... | 5 | 5 | 1 | 9 | - | - | - | 7 | - | - | - | 6 |
| Alaska..... | - | - | - | - | - | - | - | - | - | - | - | - |
| Hawaii..... | 1 | - | - | - | - | - | - | - | - | - | - | - |
| Puerto Rico | - | - | - | - | - | - | - | 2 | - | - | - | 2 |

Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

APRIL 18, 1964 AND APRIL 20, 1963 (16th WEEK) - Continued

| Area | Brucellosis | | Diphtheria | | Infectious Hepatitis including Serum Hepatitis | | | | | | Typhoid Fever | |
|-------------------------|-------------|------|------------|------|---|---------------------------|------------------------------|------------------------|------------|--------|---------------|------|
| | 1964 | Cum. | 1964 | Cum. | Total 1964 | Under 20 years 1964 | 20 years and over 1964 | Age Unknown 1964 | Cumulative | | 1964 | Cum. |
| | | 1964 | | 1964 | | | | | 1964 | 1963 | | 1964 |
| UNITED STATES... | 15 | 120 | 10 | 65 | 825 | 386 | 371 | 68 | 14,566 | 16,334 | 8 | 103 |
| NEW ENGLAND..... | - | 1 | - | 4 | 74 | 30 | 40 | 4 | 1,563 | 1,942 | - | 7 |
| Maine..... | - | - | - | 1 | 27 | 12 | 13 | 2 | 553 | 900 | - | - |
| New Hampshire..... | - | - | - | - | 2 | 1 | 1 | - | 123 | 134 | - | - |
| Vermont..... | - | - | - | - | 10 | 9 | 1 | - | 193 | 27 | - | - |
| Massachusetts..... | - | 1 | - | 3 | 20 | 4 | 15 | 1 | 310 | 570 | - | 4 |
| Rhode Island..... | - | - | - | - | 1 | 1 | - | - | 69 | 48 | - | 3 |
| Connecticut..... | - | - | - | - | 14 | 3 | 10 | 1 | 315 | 263 | - | - |
| MIDDLE ATLANTIC..... | - | 2 | - | 4 | 223 | 92 | 131 | - | 3,315 | 3,170 | 1 | 18 |
| New York City..... | - | - | - | 1 | 33 | 11 | 22 | - | 472 | 400 | 1 | 6 |
| New York, Up-State..... | - | 1 | - | - | 82 | 46 | 36 | - | 1,466 | 1,422 | - | 4 |
| New Jersey..... | - | - | - | 2 | 40 | 9 | 31 | - | 600 | 491 | - | - |
| Pennsylvania..... | - | 1 | - | 1 | 68 | 26 | 42 | - | 777 | 857 | - | 8 |
| EAST NORTH CENTRAL..... | 1 | 16 | - | 6 | 124 | 70 | 44 | 10 | 2,176 | 2,582 | 1 | 22 |
| Ohio..... | - | - | - | - | 43 | 26 | 14 | 3 | 589 | 766 | 1 | 15 |
| Indiana..... | - | 1 | - | - | 15 | 9 | 5 | 1 | 184 | 229 | - | 3 |
| Illinois..... | 1 | 11 | - | 6 | 14 | 5 | 9 | - | 336 | 558 | - | 3 |
| Michigan..... | - | 2 | - | - | 35 | 21 | 14 | - | 928 | 894 | - | 1 |
| Wisconsin..... | - | 2 | - | - | 17 | 9 | 2 | 6 | 139 | 135 | - | - |
| WEST NORTH CENTRAL..... | 13 | 68 | 1 | 10 | 39 | 18 | 10 | 11 | 855 | 720 | 1 | 10 |
| Minnesota..... | - | 2 | - | 2 | 3 | - | 3 | - | 68 | 118 | - | - |
| Iowa..... | 12 | 39 | - | - | 5 | 1 | 4 | - | 124 | 121 | - | 3 |
| Missouri..... | - | 4 | - | - | 8 | 4 | 3 | 1 | 208 | 298 | 1 | 3 |
| North Dakota..... | 1 | 2 | - | - | 1 | 1 | - | - | 36 | 19 | - | - |
| South Dakota..... | - | 10 | 1 | 1 | - | - | - | - | 86 | 26 | - | 1 |
| Nebraska..... | - | 10 | - | - | - | - | - | - | 18 | 56 | - | - |
| Kansas..... | - | 1 | - | 7 | 22 | 12 | - | 10 | 315 | 82 | - | 3 |
| SOUTH ATLANTIC..... | - | 6 | 6 | 17 | 90 | 44 | 44 | 2 | 1,444 | 1,746 | 4 | 24 |
| Delaware..... | - | - | - | - | 1 | - | 1 | - | 31 | 25 | - | - |
| Maryland..... | - | - | - | - | 12 | 5 | 7 | - | 272 | 193 | 1 | 1 |
| Dist. of Columbia..... | - | - | - | - | - | - | - | - | 26 | 57 | - | - |
| Virginia..... | - | 2 | - | - | 11 | 1 | 8 | 2 | 216 | 389 | 1 | 5 |
| West Virginia..... | - | - | - | - | 19 | 12 | 7 | - | 256 | 254 | - | - |
| North Carolina..... | - | 1 | - | - | 25 | 16 | 9 | - | 274 | 471 | - | 9 |
| South Carolina..... | - | - | - | 3 | 7 | 4 | 3 | - | 49 | 76 | - | 2 |
| Georgia..... | - | 2 | 6 | 12 | 2 | 1 | 1 | - | 33 | 70 | 1 | 1 |
| Florida..... | - | 1 | - | 2 | 13 | 5 | 8 | - | 287 | 211 | 1 | 6 |
| EAST SOUTH CENTRAL..... | 1 | 6 | - | 4 | 45 | 36 | 9 | - | 1,012 | 1,674 | 1 | 11 |
| Kentucky..... | 1 | 2 | - | - | 15 | 14 | 1 | - | 444 | 504 | 1 | 6 |
| Tennessee..... | - | - | - | 1 | 18 | 14 | 4 | - | 348 | 656 | - | 4 |
| Alabama..... | - | 3 | - | 2 | 8 | 4 | 4 | - | 141 | 250 | - | 1 |
| Mississippi..... | - | 1 | - | 1 | 4 | 4 | - | - | 79 | 264 | - | - |
| WEST SOUTH CENTRAL..... | - | 5 | 3 | 13 | 54 | 32 | 17 | 5 | 1,046 | 1,110 | - | 6 |
| Arkansas..... | - | 1 | - | - | 6 | 5 | 1 | - | 121 | 133 | - | 3 |
| Louisiana..... | - | 1 | 1 | 3 | 13 | 8 | 5 | - | 216 | 206 | - | - |
| Oklahoma..... | - | 1 | - | - | 5 | 5 | - | - | 67 | 61 | - | 3 |
| Texas..... | - | 2 | 2 | 10 | 30 | 14 | 11 | 5 | 642 | 710 | - | - |
| MOUNTAIN..... | - | 10 | - | 1 | 51 | 13 | 5 | 33 | 971 | 1,145 | - | - |
| Montana..... | - | - | - | - | 6 | 1 | 1 | 4 | 91 | 172 | - | - |
| Idaho..... | - | - | - | - | 5 | - | - | 5 | 73 | 164 | - | - |
| Wyoming..... | - | - | - | - | 1 | - | 1 | - | 33 | 19 | - | - |
| Colorado..... | - | - | - | - | 21 | 5 | - | 16 | 303 | 242 | - | - |
| New Mexico..... | - | 1 | - | 1 | 8 | 5 | 3 | - | 154 | 139 | - | - |
| Arizona..... | - | 1 | - | - | 8 | - | - | 8 | 205 | 255 | - | - |
| Utah..... | - | 7 | - | - | 2 | 2 | - | - | 84 | 145 | - | - |
| Nevada..... | - | 1 | - | - | - | - | - | - | 28 | 9 | - | - |
| PACIFIC..... | - | 6 | - | 6 | 125 | 51 | 71 | 3 | 2,184 | 2,245 | - | 5 |
| Washington..... | - | - | - | 6 | 17 | 8 | 7 | 2 | 229 | 378 | - | 1 |
| Oregon..... | - | 1 | - | - | 20 | 14 | 5 | 1 | 235 | 321 | - | - |
| California..... | - | 5 | - | - | 85 | 27 | 58 | - | 1,605 | 1,484 | - | 4 |
| Alaska..... | - | - | - | - | 2 | 2 | - | - | 67 | 49 | - | - |
| Hawaii..... | - | - | - | - | 1 | - | 1 | - | 48 | 13 | - | - |
| Puerto Rico | - | - | - | 3 | 18 | 12 | 6 | - | 212 | 219 | 1 | 6 |

Morbidity and Mortality Weekly Report

Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

APRIL 18, 1964 AND APRIL 20, 1963 (16th WEEK) - Continued

| Area | Measles | Meningococcal Meningitis | | Streptococcal Sore Throat and Scarlet Fever | | Tetanus | | Tularemia | | Rabies in Animals | | | |
|-------------------------|---------|--------------------------|------|---|--------|---------|------|-----------|------|-------------------|------|-------|------|
| | | 1964 | 1964 | Cumulative | | 1964 | 1963 | 1964 | Cum. | 1964 | Cum. | 1964 | Cum. |
| | | | | 1964 | 1963 | | | | | | | | |
| UNITED STATES... | 29,671 | 69 | 970 | 944 | 10,452 | 7,408 | 5 | 60 | 2 | 78 | 111 | 1,361 | |
| NEW ENGLAND..... | 801 | 3 | 29 | 67 | 1,185 | 969 | - | - | - | - | 3 | 7 | |
| Maine..... | 134 | - | 2 | 10 | 46 | 10 | - | - | - | - | 3 | 5 | |
| New Hampshire..... | 7 | - | - | 2 | 3 | 10 | - | - | - | - | - | 1 | |
| Vermont..... | 88 | - | 1 | 2 | 3 | 1 | - | - | - | - | - | 1 | |
| Massachusetts..... | 254 | - | 13 | 31 | 242 | 119 | - | - | - | - | - | - | |
| Rhode Island..... | 139 | - | 2 | 6 | 127 | 70 | - | - | - | - | - | - | |
| Connecticut..... | 179 | 3 | 11 | 16 | 764 | 759 | - | - | - | - | - | - | |
| MIDDLE ATLANTIC..... | 2,980 | 3 | 93 | 120 | 542 | 443 | 2 | 3 | - | - | 4 | 29 | |
| New York City..... | 819 | - | 17 | 15 | 27 | 51 | - | - | - | - | - | - | |
| New York, Up-State..... | 464 | 1 | 34 | 39 | 250 | 200 | - | - | - | - | 4 | 28 | |
| New Jersey..... | 871 | - | 14 | 21 | 104 | 126 | 2 | 2 | - | - | - | - | |
| Pennsylvania..... | 826 | 2 | 28 | 45 | 161 | 66 | - | 1 | - | - | - | 1 | |
| EAST NORTH CENTRAL... | 6,671 | 11 | 154 | 155 | 1,650 | 1,118 | - | 5 | - | 8 | 12 | 142 | |
| Ohio..... | 1,637 | 3 | 48 | 45 | 384 | 113 | - | 1 | - | 1 | - | 68 | |
| Indiana..... | 1,785 | 3 | 28 | 18 | 318 | 144 | - | 1 | - | - | - | 8 | |
| Illinois..... | 853 | 2 | 31 | 25 | 192 | 256 | - | 2 | - | 5 | 9 | 33 | |
| Michigan..... | 1,441 | 2 | 34 | 48 | 472 | 379 | - | 1 | - | 1 | - | 12 | |
| Wisconsin..... | 955 | 1 | 13 | 19 | 284 | 226 | - | - | - | 1 | 3 | 21 | |
| WEST NORTH CENTRAL... | 4,274 | 5 | 55 | 58 | 488 | 300 | - | 3 | - | 21 | 36 | 438 | |
| Minnesota..... | 24 | - | 10 | 10 | 25 | 23 | - | - | - | 1 | 11 | 131 | |
| Iowa..... | 3,740 | 1 | 3 | 2 | 221 | 50 | - | 1 | - | 1 | 13 | 152 | |
| Missouri..... | 194 | 4 | 30 | 25 | 15 | 15 | - | 2 | - | 13 | 3 | 79 | |
| North Dakota..... | 234 | - | 3 | 1 | 156 | 151 | - | - | - | - | - | 20 | |
| South Dakota..... | - | - | - | 3 | 4 | 2 | - | - | - | - | 5 | 39 | |
| Nebraska..... | 82 | - | 4 | 14 | 2 | - | - | - | - | - | 1 | 9 | |
| Kansas..... | NN | - | 5 | 3 | 65 | 59 | - | - | - | 6 | 3 | 8 | |
| SOUTH ATLANTIC..... | 2,828 | 23 | 220 | 192 | 1,218 | 584 | 2 | 24 | 1 | 14 | 18 | 214 | |
| Delaware..... | 34 | - | 2 | 1 | 11 | 10 | - | - | - | - | - | - | |
| Maryland..... | 144 | 2 | 17 | 27 | 184 | 41 | 1 | 2 | - | - | - | - | |
| Dist. of Columbia.. | 15 | - | 7 | 3 | 8 | - | - | - | - | - | - | - | |
| Virginia..... | 970 | 4 | 22 | 49 | 308 | 178 | - | 2 | - | 3 | 9 | 149 | |
| West Virginia..... | 515 | 1 | 17 | 10 | 392 | 145 | - | - | - | - | 3 | 11 | |
| North Carolina..... | 193 | 4 | 37 | 30 | 77 | 63 | - | 7 | 1 | 4 | - | 2 | |
| South Carolina..... | 302 | 5 | 34 | 12 | 42 | 13 | - | 3 | - | - | - | - | |
| Georgia..... | 5 | 1 | 18 | 11 | 13 | 1 | - | 1 | - | 7 | 5 | 26 | |
| Florida..... | 650 | 6 | 66 | 49 | 183 | 133 | 1 | 9 | - | - | 1 | 26 | |
| EAST SOUTH CENTRAL... | 2,780 | 4 | 99 | 79 | 1,657 | 1,156 | 1 | 9 | - | 16 | 23 | 214 | |
| Kentucky..... | 869 | - | 31 | 20 | 161 | 147 | - | 1 | - | 1 | 3 | 28 | |
| Tennessee..... | 1,394 | 2 | 36 | 34 | 1,383 | 978 | 1 | 4 | - | 11 | 18 | 178 | |
| Alabama..... | 373 | - | 17 | 12 | 13 | 13 | - | 3 | - | 3 | 2 | 8 | |
| Mississippi..... | 144 | 2 | 15 | 13 | 100 | 18 | - | 1 | - | 1 | - | - | |
| WEST SOUTH CENTRAL... | 5,264 | 10 | 87 | 105 | 758 | 684 | - | 8 | 1 | 15 | 11 | 214 | |
| Arkansas..... | 63 | 1 | 8 | 5 | 11 | 1 | - | 2 | - | 3 | 7 | 53 | |
| Louisiana..... | 3 | 6 | 71 | 46 | 1 | 3 | - | 3 | - | - | 2 | 22 | |
| Oklahoma..... | 94 | - | 3 | 19 | 50 | 86 | - | - | 1 | 11 | 2 | 24 | |
| Texas..... | 5,104 | 3 | 5 | 35 | 696 | 594 | - | 3 | - | 1 | - | 115 | |
| MOUNTAIN..... | 901 | 1 | 37 | 32 | 1,576 | 1,130 | - | 2 | - | 4 | - | 50 | |
| Montana..... | 92 | - | - | 1 | 130 | 92 | - | - | - | 1 | - | - | |
| Idaho..... | 66 | - | 1 | 1 | 159 | 161 | - | - | - | - | - | - | |
| Wyoming..... | 24 | - | 1 | 1 | 5 | 14 | - | 1 | - | 1 | - | - | |
| Colorado..... | 163 | 1 | 8 | 7 | 622 | 390 | - | - | - | - | - | - | |
| New Mexico..... | 39 | - | 18 | 2 | 235 | 238 | - | 1 | - | - | - | 25 | |
| Arizona..... | 372 | - | 2 | 6 | 171 | 147 | - | - | - | - | - | 25 | |
| Utah..... | 102 | - | 1 | 11 | 254 | 87 | - | - | - | 2 | - | - | |
| Nevada..... | 43 | - | 6 | 3 | - | 1 | - | - | - | - | - | - | |
| PACIFIC..... | 3,172 | 9 | 196 | 136 | 1,378 | 1,024 | - | 6 | - | - | 4 | 53 | |
| Washington..... | 1,263 | - | 16 | 12 | 428 | 371 | - | - | - | - | - | - | |
| Oregon..... | 365 | 1 | 12 | 6 | 45 | 28 | - | - | - | - | - | - | |
| California..... | 1,507 | 7 | 157 | 112 | 798 | 536 | - | 6 | - | - | 4 | 53 | |
| Alaska..... | 1 | 1 | 6 | 4 | 7 | 54 | - | - | - | - | - | - | |
| Hawaii..... | 36 | - | 5 | 2 | 100 | 35 | - | - | - | - | - | - | |
| Puerto Rico | 238 | 1 | 12 | 4 | 7 | 34 | 1 | 20 | - | - | - | 6 | |

Morbidity and Mortality Weekly Report

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 | | | |
|----------------------------|------------------|-----|------|------|----------------------------|------------------|-----|------|------|
| | 3/28 | 4/4 | 4/11 | 4/18 | | 3/28 | 4/4 | 4/11 | 4/18 |
| NEW ENGLAND: | | | | | SOUTH ATLANTIC: | | | | |
| Boston, Mass..... | 103 | 172 | 155 | 156 | Atlanta, Ga..... | 52 | 59 | 46 | 62 |
| Bridgeport, Conn..... | 21 | 20 | 25 | 28 | Baltimore, Md..... | 106 | 143 | 144 | 135 |
| Cambridge, Mass..... | 13 | 27 | 20 | 17 | Charlotte, N.C..... | 18 | 17 | 21 | 14 |
| Fall River, Mass..... | 24 | 26 | 21 | 16 | Jacksonville, Fla..... | 39 | 42 | 28 | 37 |
| Hartford, Conn..... | 29 | 33 | 31 | 35 | Miami, Fla..... | 46 | 45 | 43 | 47 |
| Lowell, Mass..... | 25 | 9 | 22 | 14 | Norfolk, Va..... | 28 | 23 | 17 | 34 |
| Lynn, Mass..... | 12 | 14 | 22 | 19 | Richmond, Va..... | 46 | 49 | 37 | 47 |
| New Bedford, Mass..... | 25 | 18 | 15 | 25 | Savannah, Ga..... | 14 | 17 | 14 | 22 |
| New Haven, Conn..... | 20 | 30 | 26 | 39 | St. Petersburg, Fla..... | 70 | 69 | 62 | 66 |
| Providence, R.I..... | 46 | 39 | 42 | 38 | Tampa, Fla..... | 54 | 33 | 41 | 38 |
| Somerville, Mass..... | 7 | 8 | 9 | 10 | Washington, D.C..... | 97 | 101 | 111 | 95 |
| Springfield, Mass..... | 26 | 43 | 22 | 23 | Wilmington, Del..... | 16 | 25 | 20 | 17 |
| Waterbury, Conn..... | 14 | 22 | 16 | 19 | | | | | |
| Worcester, Mass..... | 33 | 33 | 41 | 35 | EAST SOUTH CENTRAL: | | | | |
| MIDDLE ATLANTIC: | | | | | Birmingham, Ala..... | 45 | 48 | 41 | 50 * |
| Albany, N.Y..... | 27 | 25 | 27 | 27 | Chattanooga, Tenn..... | 27 | 19 | 16 | 23 |
| Allentown, Pa..... | 20 | 25 | 24 | 13 | Knoxville, Tenn..... | 15 | 24 | 23 | 28 |
| Buffalo, N.Y..... | 80 | 95 | 90 | 92 | Louisville, Ky..... | 66 | 54 | 65 | 75 * |
| Camden, N.J..... | 19 | 26 | 21 | 34 | Memphis, Tenn..... | 57 | 56 | 73 | 61 |
| Elizabeth, N.J..... | 15 | 17 | 23 | 24 | Mobile, Ala..... | 23 | 20 | 30 | 11 |
| Erie, Pa..... | 32 | 37 | 22 | 25 | Montgomery, Ala..... | 12 | 6 | 17 | 14 |
| Jersey City, N.J..... | 37 | 42 | 48 | 42 | Nashville, Tenn..... | 51 | 40 | 54 | 75 |
| Newark, N.J..... | 52 | 47 | 50 | 48 | WEST SOUTH CENTRAL: | | | | |
| New York City, N.Y..... | 923 | 928 | 1097 | 950 | Austin, Tex..... | 26 | 15 | 21 | 23 |
| Paterson, N.J..... | 14 | 26 | 25 | 34 | Baton Rouge, La..... | 16 | 20 | 12 | 24 |
| Philadelphia, Pa..... | 234 | 354 | 325 | 287 | Corpus Christi, Tex..... | 8 | 10 | 7 | 10 |
| Pittsburgh, Pa..... | 109 | 88 | 84 | 100 | Dallas, Tex..... | 67 | 76 | 59 | 78 |
| Reading, Pa..... | 38 | 47 | 30 | 38 | El Paso, Tex..... | 12 | 22 | 25 | 14 |
| Rochester, N.Y..... | 57 | 68 | 54 | 64 | Fort Worth, Tex..... | 33 | 35 | 32 | 53 |
| Schenectady, N.Y..... | 15 | 36 | 21 | 12 | Houston, Tex..... | 87 | 89 | 63 | 81 |
| Scranton, Pa..... | 22 | 21 | 18 | 26 | Little Rock, Ark..... | 39 | 30 | 23 | 33 |
| Syracuse, N.Y..... | 25 | 35 | 40 | 44 | New Orleans, La..... | 94 | 100 | 85 | 75 |
| Trenton, N.J..... | 23 | 32 | 27 | 25 | Oklahoma City, Okla..... | 40 | 64 | 37 | 44 |
| Utica, N.Y..... | 19 | 9 | 18 | 29 | San Antonio, Tex..... | 45 | 59 | 63 | 56 |
| Yonkers, N.Y..... | 25 | 25 | 29 | 16 | Shreveport, La..... | 33 | 32 | 22 | 28 |
| EAST NORTH CENTRAL: | | | | | Tulsa, Okla..... | 43 | 22 | 45 | 22 |
| Akron, Ohio..... | 24 | 33 | 34 | 25 | MOUNTAIN: | | | | |
| Canton, Ohio..... | 21 | 25 | 20 | 22 | Albuquerque, N. Mex..... | 18 | 22 | 16 | 13 |
| Chicago, Ill..... | 349 | 473 | 400 | 344 | Colorado Springs, Colo... | 13 | 13 | 13 | 16 |
| Cincinnati, Ohio..... | 100 | 122 | 92 | 92 | Denver, Colo..... | 76 | 66 | 69 | 72 |
| Cleveland, Ohio..... | 106 | 116 | 132 | 132 | Ogden, Utah..... | 8 | 7 | 10 | 8 |
| Columbus, Ohio..... | 60 | 65 | 80 | 59 | Phoenix, Ariz..... | 66 | 57 | 59 | 60 |
| Dayton, Ohio..... | 57 | 52 | 53 | 36 | Pueblo, Colo..... | 16 | 6 | 8 | 7 |
| Detroit, Mich..... | 207 | 202 | 197 | 181 | Salt Lake City, Utah..... | 34 | 35 | 32 | 34 |
| Evansville, Ind..... | 18 | 21 | 32 | 31 | Tucson, Ariz..... | 28 | 28 | 27 | 40 |
| Flint, Mich..... | 24 | 19 | 22 | 25 | PACIFIC: | | | | |
| Fort Wayne, Ind..... | 18 | 27 | 30 | 28 | Berkeley, Calif..... | 13 | 20 | 7 | 6 |
| Gary, Ind..... | 12 | 23 | 10 | 19 | Fresno, Calif..... | 25 | 23 | 28 | 30 |
| Grand Rapids, Mich..... | 31 | 19 | 40 | 29 | Glendale, Calif..... | 26 | 37 | 31 | 25 |
| Indianapolis, Ind..... | 89 | 82 | 93 | 77 | Honolulu, Hawaii..... | 18 | 29 | 25 | 19 * |
| Madison, Wis..... | 13 | 18 | 12 | 30 | Long Beach, Calif..... | 44 | 57 | 50 | 41 |
| Milwaukee, Wis..... | 56 | 77 | 67 | 73 | Los Angeles, Calif..... | 345 | 348 | 277 | 261 |
| Peoria, Ill..... | 18 | 14 | 24 | 16 | Oakland, Calif..... | 67 | 76 | 53 | 64 |
| Rockford, Ill..... | 22 | 21 | 25 | 16 | Pasadena, Calif..... | 19 | 27 | 22 | 22 |
| South Bend, Ind..... | 12 | 30 | 27 | 24 | Portland, Ore..... | 78 | 66 | 99 | 67 |
| Toledo, Ohio..... | 66 | 67 | 69 | 55 | Sacramento, Calif..... | 62 | 46 | 50 | 32 |
| Youngstown, Ohio..... | 32 | 34 | 40 | 42 | San Diego, Calif..... | 80 | 69 | 60 | 65 |
| WEST NORTH CENTRAL: | | | | | San Francisco, Calif..... | 127 | 121 | 130 | 121 |
| Des Moines, Iowa..... | 28 | 40 | 37 | 38 | San Jose, Calif..... | 40 | 41 | 36 | 34 |
| Duluth, Minn..... | 12 | 10 | 18 | 29 | Seattle, Wash..... | 103 | 78 | 78 | 82 |
| Kansas City, Kans..... | 28 | 14 | 15 | 19 | Spokane, Wash..... | 45 | 53 | 38 | 49 |
| Kansas City, Mo..... | 72 | 74 | 87 | 53 | Tacoma, Wash..... | 37 | 33 | 16 | 28 |
| Lincoln, Nebr..... | 16 | 31 | 17 | 17 | | | | | |
| Minneapolis, Minn..... | 82 | 113 | 84 | 92 | San Juan, P.R..... | 3 | 12 | 10 | --- |
| Omaha, Nebr..... | 54 | 47 | 34 | 44 | | | | | |
| St. Louis, Mo..... | 159 | 140 | 127 | 135 | | | | | |
| St. Paul, Minn..... | 45 | 62 | 68 | 46 | | | | | |
| Wichita, Kans..... | 23 | 26 | 39 | 31 | | | | | |

^oCurrent Week Mortality for 108 Selected Cities

| | |
|---|--------|
| 4(A) Total Mortality, all ages..... | 11,661 |
| 4(B) Pneumonia-Influenza Deaths, all ages..... | 501 |
| 4(C) Total Deaths under 1 Year of Age..... | 670 |
| 4(D) Total Deaths, Persons 65 years and over..... | 6,560 |

*Estimate - based on average percent of divisional total.
Totals for previous weeks include reported corrections.

NOTE: All deaths by place of occurrence.

INTERNATIONAL NOTES - QUARANTINE MEASURES

Immunization Information for International Travel
1963-64 edition - Public Health Service Publication No. 384

SECTION 5 - EUROPE

Netherlands, page 60

Insert:

Smallpox - And from all countries in Africa, Asia, and America (except Canada and the United States of America).

All other information remains the same.

Poland, page 60

Insert the information under REQUIRED:

Smallpox-Except: (a) children under 3 months who have not been in an infected local area during the 14 days preceding arrival; (b) travellers arriving directly from the following countries, provided they have been resident there for a period of 14 days, and these countries are free from smallpox: USSR (the whole territory), all European countries, Canada and the United States of America.

In addition to the established procedures for reporting morbidity and mortality, the Communicable Disease Center welcomes accounts of interesting outbreaks or cases. Such accounts should be addressed to:

Lawrence K. Altman, M.D., Editor
Morbidity and Mortality Weekly Report
Communicable Disease Center
Atlanta, Georgia 30333

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, Georgia 30333.

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