

Morbidity and Mortality



U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE / PUBLIC HEALTH SERVICE HEALTH SERVICES AND MENTAL HEALTH ADMINISTRATION

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SURVEILLANCE SUMMARY

MALARIA - United States and Puerto Rico - 1970

In the United States and Puerto Rico, 3,997 cases (provisional) of malaria with onset in 1970 were reported to CDC, compared with 3,806 cases in 1969 (MMWR, Vol. 19, No. 36). This increase was due to a greater number of military cases imported from Vietnam. Military personnel, including recently discharged veterans, accounted for 3,872 cases; civilians accounted for the remaining 125. The number of military cases imported from Vietnam was 5.9 percent higher than the total reported in 1969; the number of civilian cases was similar to totals for the past 8 years (Figure 1). The total number of Army cases (3,182) in 1970 represented a 13.8 percent increase over that in 1969. This increase could not be attributed to improved reporting or to increased numbers of returnees, for the number of Army returnees was lower in 1970 than in 1969.

Cases were reported from all 50 states and Puerto Rico. California, Colorado, Georgia, Kansas, North Carolina, and

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Texas, however, accounted for 47 percent of the total, reflecting the location within these states of military bases receiving large numbers of Vietnam returnees.

The *Plasmodium* species was identified in 3,913 of the 3,997 cases (97.9 percent). *P. vivax* accounted for 81.6 percent of the infections (3,260 cases), and *P. falciparum* was diagnosed in 12.5 percent (501 cases). These percentages are almost the same as those reported in 1969. *P. malaria* accounted for 0.9 percent (37 cases) in 1970, while 0.1 percent

(Continued on page 216)

TABLE I. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

(Cumulative totals include revised and delayed reports through previous weeks)

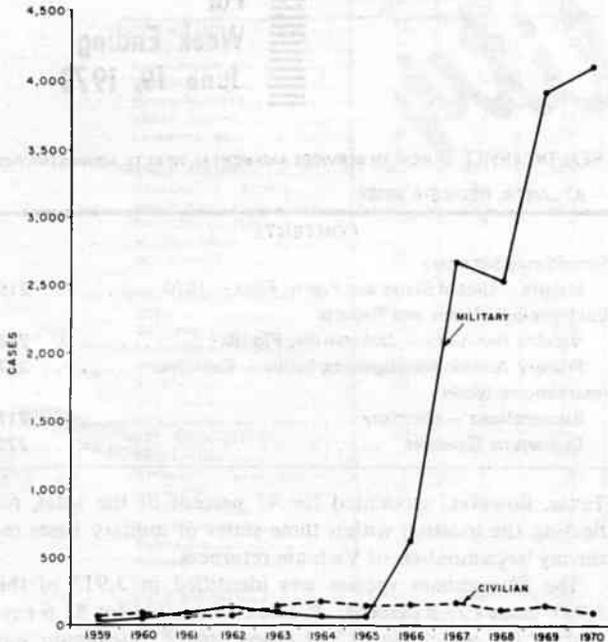
| DISEASE | 24th WEEK ENDED | | MEDIAN 1966 - 1970 | CUMULATIVE, FIRST 24 WEEKS | | |
|---|------------------|------------------|-----------------------|----------------------------|--------|-----------------------|
| | June 19, 1971 | June 20, 1970 | | 1971 | 1970 | MEDIAN 1966 - 1970 |
| Aseptic meningitis | 58 | 68 | 45 | 1,140 | 757 | 754 |
| Brucellosis | 3 | 4 | 4 | 72 | 93 | 93 |
| Diphtheria | - | - | 1 | 80 | 181 | 72 |
| Encephalitis, primary: | | | | | | |
| Arthropod-borne & unspecified | 31 | 31 | 27 | 533 | 486 | 484 |
| Encephalitis, post-infectious | 9 | 7 | 8 | 162 | 219 | 256 |
| Hepatitis, serum | 168 | 175 | 90 | 3,949 | 3,265 | 1,854 |
| Hepatitis, infectious | 1,082 | 1,061 | 789 | 28,543 | 25,962 | 20,163 |
| Malaria | 48 | 64 | 41 | 1,678 | 1,564 | 971 |
| Measles (rubeola) | 2,031 | 1,241 | 1,241 | 61,133 | 34,437 | 34,440 |
| Meningococcal infections, total | 25 | 41 | 45 | 1,445 | 1,470 | 1,551 |
| Civilian | 24 | 39 | 40 | 1,267 | 1,322 | 1,400 |
| Military | 1 | 2 | 2 | 178 | 148 | 151 |
| Mumps | 2,573 | 2,165 | - - - | 87,531 | 64,868 | - - - |
| Poliomyelitis, total | - | - | 1 | 6 | 6 | 10 |
| Paralytic | - | - | 1 | 4 | 6 | 9 |
| Rubella (German measles) | 1,089 | 1,134 | 1,644 | 33,446 | 44,939 | 37,756 |
| Tetanus | 4 | 3 | 3 | 45 | 49 | 58 |
| Tularemia | 3 | 1 | 4 | 44 | 42 | 68 |
| Typhoid fever | 8 | 8 | 6 | 120 | 108 | 127 |
| Typhus, tick-borne (Rky. Mt. spotted fever) | 28 | 14 | 14 | 91 | 89 | 67 |
| Rabies in animals | 75 | 50 | 64 | 2,107 | 1,516 | 1,772 |

TABLE II. NOTIFIABLE DISEASES OF LOW FREQUENCY

| | Cum. | | Cum. |
|---------------------------------------|------|---|------|
| Anthrax: | - | Psittacosis: Neb.-2 | 17 |
| Botulism: | 1 | Rabies in Man: | 1 |
| Leprosy: Calif.-1, Hawaii-1 | 62 | Rubella congenital syndrome: Tex.-1 | 33 |
| Leptospirosis: N.C.-1 | 17 | Trichinosis: | 33 |
| Plague: | - | Typhus, murine: | 3 |

MALARIA - (Continued from front page)

Figure 1
MILITARY AND CIVILIAN CASES OF MALARIA
UNITED STATES - 1959-1970



(4 cases) were due to *P. ovale*. Mixed infections, generally due to *P. vivax* and *P. falciparum*, accounted for 2.8 percent (111 cases) in 1970. The species was undetermined for 2.1 percent (84 cases) of the infections.

Of the 3,997 cases reported in 1970, 3,981 were imported.* Sixteen were acquired in the United States, which represents the highest annual total since 1953. Two of the 16 were classified as introduced** and 14 as induced***

Infections acquired in Vietnam accounted for 3,844 of the 3,981 imported cases (96.6 percent). Only four of these were in non-military personnel. *P. vivax* was the etiologic agent in 3,159 of the 3,844 cases (82.3 percent), *P. falciparum* in 467 cases (12.1 percent), *P. malariae* in 29 cases (0.8 percent), and mixed *Plasmodium* species in 108 cases (2.8 percent). In 77 cases (2.0 percent), the *Plasmodium* species was not identified. Army personnel accounted for 82.9 percent of the military cases from Vietnam, the Marines for 10.9 percent, and the Navy and Air Force for less than 1 percent.

Onsets of illness occurred more than 30 days after arrival in the United States in 77 percent of the 3,441 imported cases for which date of onset and date of arrival in this country were known. As in previous years, a marked difference in

time of onset was observed between falciparum and vivax malaria. A total of 59.5 percent of the patients with falciparum malaria became ill within 1 month after arrival, compared to 17.8 percent of the patients with vivax malaria.

The two introduced cases, both due to *P. vivax*, occurred in rural south-central Texas in September 1970, and the probable index case was a Mexican agricultural worker.

Of the 14 induced cases, eight were due to infected blood transfusions. Four of these were due to *P. vivax*, three to *P. falciparum*, and one to *P. ovale*. The infected donors were found in five of these eight instances. Three of the donors were Vietnam veterans; the other two had acquired their infections in Africa. The remaining six induced cases were due to sharing contaminated injection equipment associated with illicit heroin use. Five cases in one outbreak were due to *P. vivax*, and one to *P. falciparum*. The probable sources of infection in both of these outbreaks were Vietnam veterans.

United States citizens accounted for 80 of the 125 civilian cases, foreign visitors for the remaining 45 cases. College students and teachers accounted for more civilian cases (27) than any other occupational group; seamen, with 12 cases, followed. Only six cases were reported in Peace Corps volunteers.

In 1970, 275 malaria relapses were reported. A total of 248 relapses were second attacks, 23 were third attacks, 3 were fourth attacks, and 1 was a fifth attack. Thus, a total of 4,272 malaria attacks (3,997 primary attacks plus 275 relapses) were reported in 1970. Of the 3,159 military returnees who had onset of malaria in the United States in 1970, 164 later suffered a vivax relapse for a relapse rate of 5.2 percent; the corresponding rate for 1969 was 6.9 percent. The 1970 relapse rate should be considered a preliminary estimate, since relapses of 1970 cases may occur in the future. The recrudescence rate for falciparum infections in Vietnam returnees was 3.2 percent in 1970.

There were three fatal cases of malaria reported in the United States in 1970. All were due to *P. falciparum*, for an overall malaria case-fatality ratio of 0.08 percent and a falciparum case-fatality ratio of 0.6 percent. All three deaths were in civilians who had returned from Africa.

(Reported by the Parasitic Diseases Branch, Epidemiology Program, CDC.)

*Imported - malaria acquired outside a specific area, e.g., malaria imported by a soldier from Vietnam to the United States

**Introduced - malaria acquired by mosquito transmission from an imported case in an area where malaria is not a regular occurrence

***Induced - malaria acquired through artificial means, i.e., blood transfusion, common syringes, or malariotherapy

EPIDEMIOLOGIC NOTES AND REPORTS
VACCINE REACTIONS - Jacksonville, Florida

On April 24, 1971, 74 military reservists in Jacksonville, Florida, received one or more routine vaccinations. Seventy-one persons received smallpox vaccinations, 62 received typhoid, and 17 received diphtheria-tetanus. Approximately 45

minutes after everyone had been vaccinated, one man became violently ill with nausea, vomiting, sweating, and fever. Another man subsequently lost consciousness. Within 2 hours after completion of the vaccinations, 34 men had become ill

with varying degrees of nausea, vomiting, profuse sweating, dizziness, and fever. This represented an attack rate of 45.9 percent for all men who attended the vaccination clinic. Twelve persons required emergency room care, and eight were unable to report for duty the following day. No one was hospitalized, and there were no deaths.

All immunizations were carried out by trained personnel under the supervision of a physician. All reservists were screened by the physician for possible contraindications to any of the vaccines. The methods and routes of vaccination were consistent with the recommendations of the manufacturer.

The typhoid vaccine appeared to be the most likely causative agent, since 34 out of 62 persons (54.9 percent) who received this vaccine became ill, whereas none of the 12 persons who did not receive it became ill (Table 1). The vaccine, a commercially manufactured product, was supplied to the Medical Evacuation Hospital by the Jacksonville Naval Air Station. It is an acetone inactivated, dried preparation. Each unit consists of one 50 cc bottle of diluent and one 50 cc bottle containing the dried, unreconstituted vaccine. Although detailed instructions for reconstitution of the vaccine appear in the insert, the following inscription appears on the vial itself:

Table 1
Vaccine-Specific Attack Rates
Jacksonville, Florida - April 24, 1971

| Vaccine | Received | | | Did Not Receive | | | | |
|----------|----------|---------|-------|-----------------------|-----|---------|-------|-----------------------|
| | Ill | Not Ill | Total | Attack Rate (Percent) | Ill | Not Ill | Total | Attack Rate (Percent) |
| Smallpox | 32 | 39 | 71 | 45 | 2 | 1 | 3 | 67 |
| Typhoid | 34 | 28 | 62 | 55 | 0 | 12 | 12 | 0 |
| Tetanus | 3 | 14 | 17 | 18 | 32 | 25 | 57 | 56 |

Immediately prior to use, reconstitute with 20 cc of accompanying typhoid diluent. Shake well. Quantitatively return the reconstituted vaccine to the diluent vial and shake well.

The reconstituted vaccine prepared at the clinic on April 24 was not returned to the diluent vial; therefore, the vaccine was approximately 2½ times as potent as it should have been.

(Reported by E. Charlton Prather, M.D., Chief, Bureau of Preventable Diseases, Florida Division of Health; and an EIS Officer.)

PRIMARY AMEBIC MENINGOENCEPHALITIS - California

On April 29, 1971, a 16-year-old girl was admitted to a hospital in Los Angeles, California, with a temperature of 104°F., nuchal rigidity, and a 1-day history of frontal headache, chills, photophobia, and vomiting. A lumbar puncture on admission demonstrated pressure of 320 mm H₂O, 310 WBC/mm³ (68 percent polymorphonuclears [PMN]), protein 72 mg percent, sugar 70 mg percent (serum 156 mg percent). Blood stains and cultures were negative for bacteria, fungi, and acid-fast organisms. Eight hours after admission the patient became unconscious and experienced decerebrate posturing. A lumbar puncture at that time demonstrated pressure of 550 mm H₂O, 3,330 WBC/mm³ (78 percent PMN), protein 290 mg percent, and sugar 82 mg percent (serum 259 mg percent). Therapy with antibiotics, steroids, and mannitol brought no clinical improvement. The patient died 3 days after admission from cardiac arrest.

Postmortem examination showed a basilar meningitis with extensive hemorrhagic and necrotic involvement of the superficial cerebellum. Histologic examination revealed clumps of organisms morphologically resembling *Naegleria* in the meninges and in the grey matter of the cerebellum. Attempts are being made to culture amebae from refrigerated brain tissue.

Five days before the patient became ill, she had swum in a hot spring (temperature 100°F.) in a remote desert valley near San Bernadino, California. The organism implicated in this case, *Naegleria*, sp., is a free-living ameba and is ubiquitous in nature. Attempts to culture amebae from water samples taken from the hot spring are underway. This potential hazard prompted the United States Forest Service and the County Health Department to post the hot spring area, warning swimmers of the potential danger.

Previously reported cases in this country had been documented only in Florida, Texas, Virginia, and Georgia. All patients had been swimming in fresh or brackish water in warm, dry weather.

(Reported by Robert H. Hecht, M.D., Arthur Cohen, M.D., John Stoner, M.D., Charles Irwin, M.D., attending physicians, Harbor General Hospital, Torrance, California; Siegfried A. Centerwall, M.D., Acting Health Officer, San Bernadino County, California; I. D. Litwack, M.D., City Health Officer, Long Beach, California; Ichiro Kamei, M.D., Chief, Acute Communicable Disease Control Division, Los Angeles County Health Department, California; James Chin, M.D., Chief, Bureau of Communicable Disease Control, California Department of Public Health; and an EIS Officer.)

INTERNATIONAL NOTES
SALMONELLOSIS - Germany

On Nov. 27, 1970, an outbreak of salmonellosis involving 596 persons occurred in a factory (employment 1,131) in Urberach, Hesse, Germany. A total of 530 persons (89 percent) became ill. The clinical course of illness was described as "unusually mild"; however, eight of the 530 ill persons were hospitalized. The food specific attack rate was highest

for those who ate potato salad with remoulade sauce (90.7 percent).

Epidemiologic investigation showed that the meal had been prepared on November 26 and 27. Samples of the potato salad and the remoulade sauce were cultured at the

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TABLE III. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

JUNE 19, 1971 and JUNE 20, 1970 (24th Week)

| AREA | ASEPTIC MENIN- GITIS | BRUCEL- LOSIS | DIPH- THERIA | ENCEPHALITIS | | | HEPATITIS | | | MALARIA | |
|---|----------------------------|------------------|-----------------|----------------------------------|------|----------------------|-----------|------------|-------|---------|--------------|
| | | | | Primary including unsp. cases | | Post In- fectious | Serum | Infectious | | 1971 | Cum. 1971 |
| | | | | 1971 | 1970 | 1971 | 1971 | 1971 | 1970 | | |
| UNITED STATES..... | 58 | 3 | 1 | 27 | 31 | 9 | 168 | 1,082 | 1,061 | 48 | 1,678 |
| NEW ENGLAND..... | - | - | - | 1 | 2 | - | 8 | 48 | 97 | - | 50 |
| Maine..... | - | - | - | - | - | - | 1 | 5 | 9 | - | 3 |
| New Hampshire*..... | - | - | - | - | - | - | - | 2 | 9 | - | 1 |
| Vermont..... | - | - | - | - | - | - | - | 6 | 7 | - | 1 |
| Massachusetts..... | - | - | - | - | 2 | - | 1 | 9 | 54 | - | 36 |
| Rhode Island..... | - | - | - | 1 | - | - | 2 | 13 | 5 | - | 3 |
| Connecticut..... | - | - | - | - | - | - | 4 | 13 | 13 | - | 6 |
| MIDDLE ATLANTIC..... | 6 | - | - | 1 | 7 | 1 | 87 | 245 | 196 | 6 | 163 |
| New York City..... | 1 | - | - | - | 4 | - | 42 | 89 | 55 | 1 | 14 |
| New York, Up-State... New Jersey*..... | 4 | - | - | 1 | 1 | 1 | 2 | 26 | 49 | 5 | 46 |
| Pennsylvania..... | - | - | - | - | 1 | - | 31 | 64 | 56 | - | 72 |
| EAST NORTH CENTRAL..... | 2 | - | - | 14 | 4 | - | 8 | 148 | 118 | 10 | 98 |
| Ohio..... | 1 | - | - | 5 | 2 | - | 3 | 41 | 37 | 3 | 16 |
| Indiana..... | - | - | - | 3 | - | - | 1 | 4 | 10 | 1 | 7 |
| Illinois..... | 1 | - | - | 1 | - | - | - | 24 | 16 | 3 | 35 |
| Michigan..... | - | - | - | 4 | 2 | - | 3 | 70 | 45 | 3 | 33 |
| Wisconsin..... | - | - | - | 1 | - | - | 1 | 9 | 10 | - | 7 |
| WEST NORTH CENTRAL..... | 2 | - | - | - | - | 5 | 2 | 54 | 40 | 4 | 143 |
| Minnesota..... | - | - | - | - | - | 4 | 1 | 11 | 3 | - | 17 |
| Iowa..... | - | - | - | - | - | - | - | 2 | 7 | 1 | 20 |
| Missouri..... | - | - | - | - | - | - | - | 23 | 18 | - | 23 |
| North Dakota..... | 1 | - | - | - | - | - | - | - | 1 | - | - |
| South Dakota..... | 1 | - | - | - | - | - | - | 2 | - | - | - |
| Nebraska..... | - | - | - | - | - | - | - | 6 | 2 | - | 7 |
| Kansas..... | - | - | - | - | - | 1 | 1 | 10 | 9 | 3 | 76 |
| SOUTH ATLANTIC..... | 23 | 1 | - | 8 | 7 | 1 | 21 | 157 | 178 | 7 | 262 |
| Delaware..... | - | - | - | - | - | - | 1 | 4 | 2 | - | 1 |
| Maryland..... | - | - | - | - | - | - | 4 | 15 | 4 | 1 | 40 |
| Dist. of Columbia.... | - | - | - | - | - | - | - | 2 | 1 | - | 2 |
| Virginia..... | 1 | 1 | - | 3 | 2 | - | 1 | 33 | 58 | 1 | 32 |
| West Virginia..... | - | - | - | - | 1 | - | 1 | 4 | 3 | - | 7 |
| North Carolina..... | 2 | - | - | 3 | - | - | 3 | 43 | 19 | 5 | 97 |
| South Carolina..... | - | - | - | - | - | - | 1 | 5 | 7 | - | 10 |
| Georgia..... | - | - | - | - | - | - | - | 3 | 16 | - | 47 |
| Florida..... | 20 | - | - | 2 | 4 | 1 | 10 | 48 | 68 | - | 26 |
| EAST SOUTH CENTRAL..... | 7 | 1 | - | - | 3 | - | 2 | 43 | 76 | 1 | 117 |
| Kentucky..... | 1 | - | - | - | - | - | - | 18 | 29 | - | 97 |
| Tennessee..... | 5 | 1 | - | - | 3 | - | 1 | 14 | 24 | - | - |
| Alabama..... | 1 | - | - | - | - | - | - | 9 | 7 | - | 15 |
| Mississippi..... | - | - | - | - | - | - | 1 | 2 | 16 | 1 | 5 |
| WEST SOUTH CENTRAL..... | 6 | 1 | 1 | - | 3 | - | 14 | 136 | 76 | 7 | 391 |
| Arkansas..... | 1 | - | - | - | - | - | - | 3 | 5 | 2 | 13 |
| Louisiana..... | 1 | - | - | - | 3 | - | 1 | 14 | 11 | - | 33 |
| Oklahoma*..... | - | - | - | - | - | - | 2 | 19 | 3 | 4 | 60 |
| Texas..... | 4 | 1 | 1 | - | - | - | 11 | 100 | 57 | 1 | 285 |
| MOUNTAIN..... | 1 | - | - | - | - | - | 1 | 43 | 50 | - | 95 |
| Montana..... | - | - | - | - | - | - | - | 2 | 1 | - | 1 |
| Idaho..... | - | - | - | - | - | - | - | 5 | 1 | - | 4 |
| Wyoming..... | - | - | - | - | - | - | - | - | 3 | - | 1 |
| Colorado..... | - | - | - | - | - | - | 1 | 17 | 15 | - | 70 |
| New Mexico..... | 1 | - | - | - | - | - | - | 6 | 11 | - | 6 |
| Arizona..... | - | - | - | - | - | - | - | 8 | 8 | - | 8 |
| Utah..... | - | - | - | - | - | - | - | 5 | 6 | - | 3 |
| Nevada..... | - | - | - | - | - | - | - | - | 5 | - | 2 |
| PACIFIC..... | 11 | - | - | 3 | 5 | 2 | 25 | 208 | 230 | 13 | 359 |
| Washington*..... | - | - | - | - | - | - | - | 31 | 18 | - | 1 |
| Oregon..... | - | - | - | - | - | - | 1 | 27 | 11 | - | 15 |
| California..... | 10 | - | - | 3 | 5 | 2 | 24 | 142 | 197 | 10 | 309 |
| Alaska..... | - | - | - | - | - | - | - | - | 3 | - | 3 |
| Hawaii..... | 1 | - | - | - | - | - | - | 8 | 1 | 3 | 31 |
| Puerto Rico*..... | - | - | - | - | - | - | - | 16 | 22 | - | 16 |
| Virgin Islands..... | - | - | - | - | - | - | - | - | - | - | - |

*Delayed reports: Hepatitis, infectious: N.H. 1, N.J. delete 1, Okla. 2, Wash. 6, P.R. 6

TABLE III. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

JUNE 19, 1971 and JUNE 20, 1970 (24th Week) — Continued

| AREA | MEASLES (Rubeola) | | | MENINGOCOCCAL INFECTIONS, TOTAL | | | MUMPS | | POLIOMYELITIS | | |
|-------------------------|-------------------|------------|--------|------------------------------------|------------|-------|-------|--------------|---------------|-----------|------|
| | 1971 | Cumulative | | 1971 | Cumulative | | 1971 | Cum. 1971 | Total 1971 | Paralytic | |
| | | 1971 | 1970 | | 1971 | 1970 | | | | 1971 | 1971 |
| UNITED STATES..... | 2,031 | 61,133 | 34,437 | 25 | 1,445 | 1,470 | 2,573 | 87,531 | - | - | 4 |
| NEW ENGLAND..... | 141 | 3,067 | 676 | 2 | 65 | 68 | 206 | 5,394 | - | - | - |
| Maine..* | 75 | 1,361 | 140 | - | 7 | 3 | 40 | 1,085 | - | - | - |
| New Hampshire..... | 4 | 175 | 47 | - | 10 | 5 | 11 | 622 | - | - | - |
| Vermont..... | 2 | 100 | 4 | - | - | 6 | 38 | 272 | - | - | - |
| Massachusetts..... | 3 | 268 | 334 | - | 26 | 29 | 55 | 1,287 | - | - | - |
| Rhode Island..... | 7 | 210 | 80 | - | 2 | 5 | 24 | 1,071 | - | - | - |
| Connecticut..... | 50 | 953 | 71 | 2 | 20 | 20 | 38 | 1,057 | - | - | - |
| MIDDLE ATLANTIC..... | 168 | 6,649 | 4,104 | 3 | 187 | 256 | 146 | 5,519 | - | - | - |
| New York City..... | 58 | 3,351 | 726 | - | 39 | 62 | 63 | 1,252 | - | - | - |
| New York, Up-State... | 37 | 487 | 199 | 2 | 47 | 51 | NN | NN | - | - | - |
| New Jersey..... | 46 | 1,058 | 1,564 | 1 | 46 | 97 | 36 | 1,556 | - | - | - |
| Pennsylvania..... | 27 | 1,753 | 1,615 | - | 55 | 46 | 47 | 2,711 | - | - | - |
| EAST NORTH CENTRAL..... | 545 | 13,194 | 8,316 | 3 | 158 | 170 | 983 | 35,828 | - | - | - |
| Ohio..... | 88 | 3,520 | 3,419 | 1 | 44 | 72 | 114 | 6,944 | - | - | - |
| Indiana, I..... | 101 | 2,422 | 237 | - | 14 | 17 | 52 | 4,830 | - | - | - |
| Illinois..... | 43 | 2,614 | 2,792 | 1 | 46 | 36 | 79 | 3,842 | - | - | - |
| Michigan..... | 154 | 1,805 | 1 | 1 | 44 | 38 | 377 | 8,513 | - | - | - |
| Wisconsin..... | 159 | 2,833 | 715 | - | 10 | 7 | 361 | 11,699 | - | - | - |
| WEST NORTH CENTRAL..... | 111 | 5,924 | 3,562 | 1 | 118 | 75 | 59 | 5,552 | - | - | - |
| Minnesota, I..... | 2 | 53 | 36 | - | 19 | 11 | 10 | 1,014 | - | - | - |
| Iowa..... | 38 | 2,188 | 1,006 | - | 7 | 11 | 19 | 2,786 | - | - | - |
| Missouri..... | 68 | 2,163 | 1,140 | - | 43 | 45 | 21 | 838 | - | - | - |
| North Dakota..... | 1 | 205 | 309 | - | 5 | 3 | 3 | 288 | - | - | - |
| South Dakota..... | 2 | 198 | 83 | - | 5 | - | 5 | 205 | - | - | - |
| Nebraska..... | - | 58 | 921 | - | 14 | 3 | 1 | 74 | - | - | - |
| Kansas..... | - | 1,059 | 67 | 1 | 25 | 2 | - | 347 | - | - | - |
| SOUTH ATLANTIC..... | 278 | 6,348 | 6,412 | 5 | 236 | 314 | 250 | 6,191 | - | - | 1 |
| Delaware..... | - | 33 | 251 | - | 2 | 3 | 5 | 131 | - | - | - |
| Maryland..... | 68 | 432 | 1,271 | 2 | 35 | 32 | 20 | 522 | - | - | - |
| Dist. of Columbia... | - | 12 | 338 | - | 8 | 1 | 2 | 76 | - | - | - |
| Virginia..... | 43 | 1,084 | 1,773 | 1 | 19 | 30 | 28 | 780 | - | - | - |
| West Virginia..... | 4 | 429 | 258 | - | 5 | 6 | 31 | 1,629 | - | - | - |
| North Carolina..... | 61 | 1,832 | 712 | - | 38 | 64 | NN | NN | - | - | - |
| South Carolina..... | 10 | 846 | 482 | 1 | 19 | 39 | 38 | 760 | - | - | - |
| Georgia..... | - | 183 | 11 | - | 21 | 29 | - | 3 | - | - | 1 |
| Florida..... | 92 | 1,497 | 1,316 | 1 | 89 | 110 | 126 | 2,290 | - | - | - |
| EAST SOUTH CENTRAL..... | 231 | 7,751 | 927 | - | 130 | 114 | 177 | 6,858 | - | - | - |
| Kentucky..... | 139 | 3,727 | 455 | - | 37 | 40 | 31 | 2,217 | - | - | - |
| Tennessee..... | 50 | 930 | 322 | - | 48 | 48 | 136 | 3,741 | - | - | - |
| Alabama..... | 41 | 1,718 | 70 | - | 26 | 20 | 10 | 802 | - | - | - |
| Mississippi..... | 1 | 1,376 | 80 | - | 19 | 6 | - | 98 | - | - | - |
| WEST SOUTH CENTRAL..... | 252 | 11,772 | 7,022 | 7 | 126 | 199 | 228 | 6,956 | - | - | 1 |
| Arkansas..... | 16 | 760 | 29 | - | 5 | 16 | - | 49 | - | - | - |
| Louisiana..... | 25 | 1,604 | 82 | 2 | 44 | 52 | 3 | 130 | - | - | - |
| Oklahoma..... | 5 | 736 | 397 | - | 6 | 12 | - | 173 | - | - | - |
| Texas..... | 206 | 8,672 | 6,514 | 5 | 71 | 119 | 225 | 6,604 | - | - | 1 |
| MOUNTAIN..... | 39 | 2,869 | 1,314 | - | 44 | 28 | 55 | 3,557 | - | - | - |
| Montana..... | 4 | 901 | 22 | - | 3 | 1 | 1 | 349 | - | - | - |
| Idaho..... | 1 | 233 | 30 | - | 6 | 5 | 2 | 111 | - | - | - |
| Wyoming..... | - | 83 | 10 | - | 2 | 1 | - | 274 | - | - | - |
| Colorado..... | 7 | 774 | 126 | - | 7 | 7 | 27 | 1,164 | - | - | - |
| New Mexico..... | 8 | 278 | 154 | - | 3 | - | 8 | 567 | - | - | - |
| Arizona..... | 5 | 336 | 919 | - | 8 | 12 | 13 | 952 | - | - | - |
| Utah..... | 14 | 261 | 32 | - | 12 | 2 | 4 | 140 | - | - | - |
| Nevada..... | - | 3 | 21 | - | 3 | - | - | - | - | - | - |
| PACIFIC..... | 266 | 3,559 | 2,104 | 4 | 381 | 246 | 469 | 11,676 | - | - | 2 |
| Washington..... | 56 | 847 | 416 | - | 18 | 34 | 122 | 5,084 | - | - | 1 |
| Oregon..... | 29 | 329 | 182 | - | 27 | 18 | 38 | 1,082 | - | - | 1 |
| California..... | 164 | 2,116 | 1,271 | 4 | 331 | 193 | 273 | 4,781 | - | - | - |
| Alaska, I..... | - | 51 | 111 | - | - | - | - | 71 | - | - | - |
| Hawaii..... | 17 | 216 | 124 | - | 5 | 1 | 36 | 658 | - | - | - |
| Puerto Rico..... | 4 | 311 | 814 | - | 2 | 3 | 17 | 730 | - | - | - |
| Virgin Islands..... | 1 | 8 | 6 | - | - | 1 | 2 | 24 | - | - | - |

*Delayed reports: Measles: Me. 13, Minn. delete 9
Meningococcal infections: Ind. delete 1
Mumps: Me. 1, Alaska 3

Morbidity and Mortality Weekly Report

TABLE III. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

JUNE 19, 1971 and JUNE 20, 1970 (24th Week) — Continued

| AREA | RUBELLA | | TETANUS | | TULAREMIA | | TYPHOID FEVER | | TYPHUS FEVER TICK-BORNE (Rky. Mt. Spotted) | | RABIES IN ANIMALS | |
|------------------------|---------|-----------|---------|-----------|-----------|-----------|---------------|-----------|--|-----------|-------------------|-----------|
| | 1971 | Cum. 1971 | 1971 | Cum. 1971 | 1971 | Cum. 1971 | 1971 | Cum. 1971 | 1971 | Cum. 1971 | 1971 | Cum. 1971 |
| UNITED STATES..... | 1,089 | 33,446 | 4 | 45 | 3 | 44 | 8 | 120 | 28 | 91 | 75 | 2,107 |
| NEW ENGLAND..... | 83 | 1,477 | — | 3 | — | — | — | 6 | — | — | 1 | 159 |
| Maine..... | 2 | 243 | — | — | — | — | — | — | — | — | 1 | 151 |
| New Hampshire..... | 1 | 39 | — | — | — | — | — | — | — | — | — | 1 |
| Vermont..... | 21 | 85 | — | — | — | — | — | — | — | — | — | 7 |
| Massachusetts..... | 20 | 698 | — | 1 | — | — | — | 6 | — | — | — | — |
| Rhode Island..... | 3 | 80 | — | — | — | — | — | — | — | — | — | — |
| Connecticut..... | 36 | 332 | — | 2 | — | — | — | — | — | — | — | — |
| MIDDLE ATLANTIC..... | 67 | 2,259 | — | 5 | — | — | 2 | 20 | 2 | 5 | 6 | 89 |
| New York City..... | 5 | 411 | — | 5 | — | — | — | 7 | 1 | 1 | — | — |
| New York, Up-State.. | 9 | 364 | — | — | — | — | 2 | 10 | 1 | 3 | 5 | 83 |
| New Jersey..... | 33 | 536 | — | — | — | — | — | 2 | — | — | — | — |
| Pennsylvania..... | 20 | 948 | — | — | — | — | — | 1 | — | 1 | 1 | 6 |
| EAST NORTH CENTRAL.... | 231 | 7,266 | — | 5 | — | 2 | 1 | 11 | 6 | 10 | 14 | 197 |
| Ohio..... | 20 | 793 | — | 1 | — | 1 | — | 6 | 6 | 9 | 6 | 54 |
| Indiana..... | 65 | 1,763 | — | 1 | — | — | — | 1 | — | — | 3 | 47 |
| Illinois..... | 8 | 1,149 | — | 3 | — | — | 1 | 2 | — | 1 | 3 | 37 |
| Michigan..... | 101 | 2,399 | — | — | — | — | — | 2 | — | — | 2 | 31 |
| Wisconsin..... | 37 | 1,162 | — | — | — | 1 | — | — | — | — | — | 28 |
| WEST NORTH CENTRAL.... | 43 | 2,498 | — | 3 | — | 6 | — | 1 | 1 | 1 | 17 | 503 |
| Minnesota..... | 14 | 269 | — | 1 | — | — | — | — | — | — | 4 | 100 |
| Iowa..... | 25 | 622 | — | — | — | — | — | — | — | — | 4 | 132 |
| Missouri..... | 2 | 1,108 | — | 2 | — | 6 | — | 1 | — | — | 1 | 86 |
| North Dakota..... | 2 | 88 | — | — | — | — | — | — | — | — | 5 | 93 |
| South Dakota..... | — | 93 | — | — | — | — | — | — | — | — | 1 | 33 |
| Nebraska..... | — | 75 | — | — | — | — | — | — | — | — | — | — |
| Kansas..... | — | 243 | — | — | — | — | — | — | 1 | 1 | 2 | 59 |
| SOUTH ATLANTIC..... | 108 | 2,659 | — | 10 | — | 13 | 3 | 23 | 14 | 47 | 7 | 225 |
| Delaware..... | — | 43 | — | — | — | — | — | 1 | 1 | 1 | — | — |
| Maryland..... | 4 | 108 | — | 1 | — | 3 | — | 3 | 4 | 11 | — | — |
| Dist. of Columbia... | — | 6 | — | — | — | — | — | — | — | — | — | — |
| Virginia..... | 13 | 165 | — | 1 | — | 5 | 1 | 2 | — | 2 | 1 | 57 |
| West Virginia..... | 18 | 462 | — | — | — | — | — | 3 | — | — | 3 | 87 |
| North Carolina..... | 4 | 38 | — | — | — | 4 | — | 3 | 5 | 24 | — | — |
| South Carolina..... | 4 | 420 | — | — | — | — | — | — | 3 | 7 | — | — |
| Georgia..... | — | — | — | 2 | — | — | — | 2 | 1 | 2 | 3 | 53 |
| Florida..... | 65 | 1,417 | — | 6 | — | 1 | 2 | 9 | — | — | — | 28 |
| EAST SOUTH CENTRAL.... | 79 | 2,912 | 1 | 8 | — | 7 | — | 10 | 1 | 12 | 4 | 220 |
| Kentucky..... | 22 | 1,057 | — | — | — | 2 | — | 3 | — | 4 | 3 | 121 |
| Tennessee..... | 53 | 1,610 | 1 | 5 | — | 2 | — | 5 | 1 | 5 | — | 65 |
| Alabama..... | 4 | 177 | — | 2 | — | 2 | — | 2 | — | 1 | 1 | 34 |
| Mississippi..... | — | 68 | — | 1 | — | 1 | — | — | — | 2 | — | — |
| WEST SOUTH CENTRAL.... | 99 | 4,159 | 3 | 5 | 3 | 13 | — | 13 | 3 | 11 | 17 | 478 |
| Arkansas..... | — | 314 | — | 1 | — | 2 | — | 2 | — | — | 4 | 54 |
| Louisiana*..... | 4 | 278 | — | — | — | 2 | — | 5 | — | — | — | 19 |
| Oklahoma*..... | 4 | 57 | — | — | — | 5 | — | 2 | 1 | 7 | 7 | 227 |
| Texas..... | 91 | 3,510 | 3 | 4 | 3 | 4 | — | 4 | 2 | 4 | 6 | 178 |
| MOUNTAIN..... | 12 | 1,752 | — | 2 | — | 3 | 1 | 6 | 1 | 5 | — | 35 |
| Montana..... | — | 108 | — | — | — | 1 | — | — | — | 2 | — | — |
| Idaho..... | 2 | 37 | — | 1 | — | — | — | — | — | — | — | — |
| Wyoming..... | — | 857 | — | — | — | — | — | — | — | — | — | 7 |
| Colorado*..... | 4 | 235 | — | — | — | — | — | — | — | 2 | — | 11 |
| New Mexico..... | — | 193 | — | — | — | — | 1 | 4 | — | — | — | 6 |
| Arizona..... | 6 | 262 | — | 1 | — | — | — | 2 | — | — | — | 10 |
| Utah..... | — | 46 | — | — | — | 2 | — | — | 1 | 1 | — | — |
| Nevada..... | — | 14 | — | — | — | — | — | — | — | — | — | 1 |
| PACIFIC..... | 367 | 8,464 | — | 4 | — | — | 1 | 30 | — | — | 9 | 201 |
| Washington*..... | 44 | 1,308 | — | — | — | — | — | — | — | — | — | — |
| Oregon..... | 21 | 639 | — | — | — | — | — | — | — | — | — | — |
| California..... | 295 | 6,363 | — | 4 | — | — | 1 | 29 | — | — | 9 | 167 |
| Alaska*..... | 2 | 43 | — | — | — | — | — | 1 | — | — | — | 34 |
| Hawaii..... | 5 | 111 | — | — | — | — | — | — | — | — | — | — |
| Puerto Rico..... | — | 12 | — | 5 | — | — | 1 | 2 | — | — | 2 | 36 |
| Virgin Islands..... | — | — | — | — | — | — | — | — | — | — | — | — |

*Delayed reports: Rubella: Wash. 69, Alaska 2
Tularemia: Okla. 1
Rabies in animals: La. delete 1, Colo. 11

Morbidity and Mortality Weekly Report

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Week No. 24 **TABLE IV. DEATHS IN 122 UNITED STATES CITIES FOR WEEK ENDED JUNE 19, 1971**

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

| Area | All Causes | | Pneumonia and Influenza All Ages | Under 1 year All Causes | Area | All Causes | | Pneumonia and Influenza All Ages | Under 1 year All Causes |
|----------------------------|------------|-------------------|----------------------------------|-------------------------|--|----------------|-------------------|----------------------------------|-------------------------|
| | All Ages | 65 years and over | | | | All Ages | 65 years and over | | |
| NEW ENGLAND: | 665 | 393 | 31 | 24 | SOUTH ATLANTIC: | 1,250 | 637 | 43 | 69 |
| Boston, Mass.----- | 183 | 94 | 11 | 7 | Atlanta, Ga.----- | 121 | 62 | 3 | 4 |
| Bridgeport, Conn.----- | 42 | 25 | 3 | 1 | Baltimore, Md.----- | 257 | 117 | 7 | 11 |
| Cambridge, Mass.----- | 18 | 13 | 3 | — | Charlotte, N. C.----- | 68 | 39 | — | 5 |
| Fall River, Mass.----- | 29 | 22 | 1 | 1 | Jacksonville, Fla.----- | 86 | 48 | 4 | 8 |
| Hartford, Conn.----- | 64 | 36 | 2 | 4 | Miami, Fla.----- | 101 | 49 | 1 | 5 |
| Lowell, Mass.----- | 14 | 10 | 1 | — | Norfolk, Va.----- | 61 | 25 | 2 | 2 |
| Lynn, Mass.----- | 13 | 12 | — | — | Richmond, Va.----- | 95 | 41 | 5 | 9 |
| New Bedford, Mass.----- | 23 | 20 | 1 | — | Savannah, Ga.----- | 41 | 23 | 3 | — |
| New Haven, Conn.----- | 52 | 27 | — | 2 | St. Petersburg, Fla.----- | 102 | 81 | 3 | 4 |
| Providence, R. I.----- | 55 | 31 | 1 | 2 | Tampa, Fla.----- | 65 | 36 | 6 | 4 |
| Somerville, Mass.----- | 15 | 10 | 1 | — | Washington, D. C.----- | 200 | 85 | 7 | 14 |
| Springfield, Mass.----- | 62 | 38 | 4 | 4 | Wilmington, Del.----- | 53 | 31 | 2 | 3 |
| Waterbury, Conn.----- | 37 | 23 | 1 | 1 | EAST SOUTH CENTRAL: | 609 | 357 | 21 | 22 |
| Worcester, Mass.----- | 58 | 32 | 2 | 2 | Birmingham, Ala.----- | 89 | 56 | 2 | 5 |
| MIDDLE ATLANTIC: | 3,453 | 2,028 | 132 | 122 | Chattanooga, Tenn.----- | 35 | 21 | 2 | — |
| Albany, N. Y.----- | 42 | 23 | 2 | 3 | Knoxville, Tenn.----- | 30 | 23 | — | — |
| Allentown, Pa.----- | 43 | 22 | 11 | 3 | Louisville, Ky.----- | 134 | 81 | 10 | 4 |
| Buffalo, N. Y.----- | 128 | 73 | 4 | 5 | Memphis, Tenn.----- | 136 | 70 | 2 | 9 |
| Camden, N. J.----- | 56 | 36 | 5 | 5 | Mobile, Ala.----- | 47 | 26 | — | — |
| Elizabeth, N. J.----- | 34 | 18 | — | 1 | Montgomery, Ala.----- | 34 | 18 | 2 | — |
| Erie, Pa.----- | 43 | 29 | 4 | 2 | Nashville, Tenn.----- | 104 | 62 | 3 | 4 |
| Jersey City, N. J.----- | 70 | 42 | 1 | 3 | WEST SOUTH CENTRAL: | 1,193 | 600 | 27 | 78 |
| Newark, N. J.----- | 90 | 36 | 2 | 9 | Austin, Tex.----- | 30 | 19 | — | 2 |
| New York City, N. Y.----- | 1,773 | 1,078 | 58 | 46 | Baton Rouge, La.----- | 43 | 19 | — | 8 |
| Paterson, N. J.----- | 44 | 26 | 3 | 2 | Corpus Christi, Tex.----- | 22 | 12 | — | 3 |
| Philadelphia, Pa.----- | 493 | 272 | 5 | 18 | Dallas, Tex.----- | 174 | 86 | 3 | 10 |
| Pittsburgh, Pa.----- | 217 | 104 | 14 | 8 | El Paso, Tex.----- | 34 | 13 | 4 | 3 |
| Reading, Pa.----- | 53 | 28 | — | 4 | Fort Worth, Tex.----- | 74 | 48 | 3 | 5 |
| Rochester, N. Y.----- | 104 | 68 | 9 | 7 | Houston, Tex.----- | 254 | 112 | 4 | 15 |
| Schenectady, N. Y.----- | 24 | 14 | 1 | — | Little Rock, Ark.----- | 55 | 33 | 3 | 3 |
| Scranton, Pa.----- | 50 | 29 | 1 | 1 | New Orleans, La.----- | 169 | 78 | 3 | 11 |
| Syracuse, N. Y.----- | 99 | 63 | 6 | 6 | Oklahoma City, Okla.----- | 83 | 39 | 1 | 3 |
| Trenton, N. J.----- | 40 | 31 | 1 | — | San Antonio, Tex.----- | 141 | 75 | 3 | 10 |
| Utica, N. Y.----- | 18 | 10 | 1 | 1 | Shreveport, La.----- | 64 | 36 | 2 | 4 |
| Yonkers, N. Y.----- | 32 | 26 | 4 | — | Tulsa, Okla.----- | 50 | 30 | 1 | 1 |
| EAST NORTH CENTRAL: | 2,552 | 1,400 | 79 | 126 | MOUNTAIN: | 447 | 243 | 16 | 24 |
| Akron, Ohio----- | 63 | 39 | — | 4 | Albuquerque, N. Mex.----- | 53 | 23 | 4 | 2 |
| Canton, Ohio----- | 25 | 15 | 1 | 2 | Colorado Springs, Colo.----- | 29 | 18 | 2 | 1 |
| Chicago, Ill.----- | 695 | 372 | 13 | 28 | Denver, Colo.----- | 106 | 58 | 3 | 5 |
| Cincinnati, Ohio----- | 170 | 103 | 4 | 10 | Ogden, Utah----- | 13 | 6 | 2 | 2 |
| Cleveland, Ohio----- | 189 | 101 | 5 | 13 | Phoenix, Ariz.----- | 114 | 56 | — | 10 |
| Columbus, Ohio----- | 88 | 47 | 5 | 4 | Pueblo, Colo.----- | 18 | 12 | 4 | — |
| Dayton, Ohio----- | 119 | 70 | 2 | 3 | Salt Lake City, Utah----- | 63 | 41 | — | 1 |
| Detroit, Mich.----- | 383 | 184 | 9 | 26 | Tucson, Ariz.----- | 51 | 29 | 1 | 3 |
| Evansville, Ind.----- | 40 | 21 | 2 | 3 | PACIFIC: | 1,724 | 996 | 34 | 58 |
| Flint, Mich.----- | 64 | 28 | 2 | 6 | Berkeley, Calif.----- | 21 | 17 | — | — |
| Fort Wayne, Ind.----- | 47 | 27 | 3 | 1 | Fresno, Calif.----- | 49 | 22 | — | 4 |
| Gary, Ind.----- | 41 | 21 | 6 | 4 | Glendale, Calif.----- | 27 | 16 | 2 | — |
| Grand Rapids, Mich.----- | 55 | 33 | 6 | 2 | Honolulu, Hawaii----- | 52 | 24 | 1 | 9 |
| Indianapolis, Ind.----- | 131 | 63 | — | 3 | Long Beach, Calif.----- | 93 | 56 | 2 | — |
| Madison, Wis.----- | 28 | 10 | 4 | 2 | Los Angeles, Calif.----- | 571 | 330 | 9 | 11 |
| Milwaukee, Wis.----- | 112 | 72 | 4 | 1 | Oakland, Calif.----- | 70 | 40 | 1 | 3 |
| Peoria, Ill.----- | 47 | 25 | — | 3 | Pasadena, Calif.----- | 27 | 20 | 1 | 1 |
| Rockford, Ill.----- | 49 | 31 | 5 | 2 | Portland, Oreg.----- | 148 | 84 | 2 | 6 |
| South Bend, Ind.----- | 47 | 32 | 3 | 5 | Sacramento, Calif.----- | 60 | 32 | — | 1 |
| Toledo, Ohio----- | 108 | 71 | 5 | 4 | San Diego, Calif.----- | 110 | 69 | 1 | 2 |
| Youngstown, Ohio----- | 51 | 35 | — | — | San Francisco, Calif.----- | 200 | 102 | 2 | 7 |
| WEST NORTH CENTRAL: | 804 | 485 | 21 | 46 | San Jose, Calif.----- | 51 | 34 | — | — |
| Des Moines, Iowa----- | 60 | 42 | 2 | 1 | Seattle, Wash.----- | 151 | 89 | 10 | 9 |
| Duluth, Minn.----- | 31 | 21 | 2 | — | Spokane, Wash.----- | 51 | 30 | 1 | 4 |
| Kansas City, Kans.----- | 48 | 28 | 2 | 8 | Tacoma, Wash.----- | 43 | 31 | 2 | 1 |
| Kansas City, Mo.----- | 117 | 80 | 2 | 4 | Total | 12,697 | 7,139 | 404 | 569 |
| Lincoln, Nebr.----- | 30 | 22 | 3 | 3 | Expected Number | 12,547 | 7,158 | 410 | 525 |
| Minneapolis, Minn.----- | 88 | 53 | 1 | 5 | Cumulative Total (includes reported corrections for previous weeks) | 319,267 | 184,941 | 12,612 | 14,181 |
| Omaha, Nebr.----- | 83 | 48 | — | 6 | | | | | |
| St. Louis, Mo.----- | 218 | 123 | 4 | 13 | | | | | |
| St. Paul, Minn.----- | 84 | 45 | — | 3 | | | | | |
| Wichita, Kans.----- | 45 | 23 | 5 | 3 | | | | | |
| Las Vegas, Nev.* | 25 | 6 | 1 | — | | | | | |

*Mortality data are being collected from Las Vegas, Nev., for possible inclusion in this table, however, for statistical reasons, these data will be listed only and not included in the total, expected number, or cumulative total, until 5 years of data are collected.

SALMONELLOSIS – (Continued from page 217)

Frankfurt Veterinary Institute and yielded *S. typhi-murium*. Cultures of samples of fish fillets, eggs, soup, ham, and bacon also served at the meal were negative for salmonellae. All employees at the factory submitted stool specimens for examination, and 187 were found to be positive for *S. typhi-murium*. On March 8, 1971, 13 employees were still excret-

ing this organism. The exact mode of infection of the potato salad and the remoulade sauce was not determined.

(Reported by Erich G. Martin, M.D., Epidemiologist, Wiesbaden, Hesse Social Ministry, Germany; Raimund Gratenaus, M.D., Medical Officer in Charge, USPHS, Frankfurt/M., Germany; and the Foreign Quarantine Program, CDC.)

QUARANTINE MEASURES

Changes in the "Supplement – United States Designated Yellow Fever Vaccination Centers," MMWR, Vol. 20, No. 9

The following additions should be made in the list of United States Designated Yellow Fever Vaccination Centers:

NEW JERSEY

Englewood Cliffs CPC International
International Plaza, 07632
201, 894-2368
By appointment
Fee charged

NORTH CAROLINA

Wilmington

U.S. Public Health Service Contract
Physician Clinic

2205 Delaney Rd., 28401
919, 763-0159

By appointment, and daily 3-5 p.m.,
except Wed.
Fee charged

ERRATA

Vol. 20, No. 22, p. 199

In the article "Lead Poisoning – Oregon" the name of Grand Ronde was incorrectly printed as Grand Rhonde.

Vol. 20, No. 23, p. 208

Correct the last sentence in the first paragraph to read ". . . compared with 23 deaths reported in the 12 months prior to the new abortion law."

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Director, Center for Disease Control
Director, Epidemiology Program, CDC
Editor, MMWR

David J. Sencer, M.D.
Philip S. Brachman, M.D.
Michael B. Gregg, M.D.

The data in this report are provisional, based on weekly telegraphs to CDC by state health departments. The reporting week concludes at close of business on Friday; compiled data on a national basis are officially released to the public on the succeeding Friday.

In addition to the established procedures for reporting morbidity and mortality, the editor welcomes accounts of interesting outbreaks or case investigations of current interest to health officials.

Address all correspondence to

Center for Disease Control
Attn: Editor
Morbidity and Mortality Weekly Report
Atlanta, Georgia 30333

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

PUBLIC HEALTH SERVICE
HEALTH SERVICES AND MENTAL HEALTH ADMINISTRATION
CENTER FOR DISEASE CONTROL
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