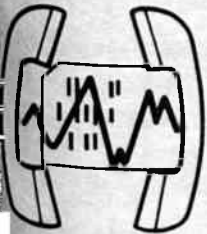


CENTER FOR DISEASE CONTROL

MMWR

MORBIDITY AND MORTALITY WEEKLY REPORT
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ANNUAL SUMMARY 1979



**Reported Morbidity & Mortality
in the United States**

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FOREWORD

HISTORICAL DEVELOPMENT OF MORBIDITY

This volume contains final figures on the reported occurrence of notifiable diseases for 1979 as well as selected data on non-notifiable conditions of special interest.

The first section of this summary contains morbidity and mortality information for each of the 46 currently reportable conditions. Tables in this section contain the number of cases of notifiable diseases reported to the Center for Disease Control (CDC) and the National Office of Vital Statistics during the past 50 years, and for 1979 describe the distribution of cases by age, month, and geographic location.

The second section of this volume includes additional epidemiologic information regarding 36 reportable conditions.

The third section contains data about other conditions of special interest.

The data from all of these sections come primarily from either annual summary reports or case-investigation forms, which are completed by state and territorial health departments.

HISTORICAL DEVELOPMENT OF MORBIDITY REPORTING AND SURVEILLANCE IN THE UNITED STATES

In 1878 an Act of Congress authorized collection of morbidity reports by the Public Health Service for use in connection with quarantine measures against pestilential diseases such as cholera, smallpox, plague, and yellow fever. In 1893 an Act provided for the collection of information on a weekly basis from state and municipal authorities throughout the United States, and gradually an increasing number of states began submitting monthly and annual summaries to the Public Health Service. It was not until 1925, however, that all states began to report regularly.

Responsibilities for data collection and analysis were subsequently transferred several times within the Public Health Service. The Communicable Disease Center acquired responsibility for the venereal disease program in 1957, the tuberculosis program in 1960, the collection of data on nationally notifiable diseases in 1961, and the foreign quarantine program in 1967. Changing characteristics of diseases have necessitated modifications in the reporting system and the addition of new diseases. In 1970 the Communicable Disease Center was renamed the Center for Disease Control to reflect a broader mandate in preventive health services. Over the years the surveillance systems maintained by CDC have expanded, and emphasis has shifted as certain diseases have declined in incidence and other diseases have taken on new aspects. In addition, CDC's increasing interest in noncommunicable diseases is reflected in new programs in family planning, childhood lead poisoning prevention, congenital birth defects, and chronic diseases.

In 1978 the Consolidated Surveillance and Communications Activity was established in the Bureau of Epidemiology to provide ongoing examination of surveillance efforts, including MMWR statistics. This activity's primary responsibility is to work with state health departments and bureaus within CDC to propose, coordinate, and evaluate future changes in surveillance activities.

SOURCES OF DATA

Data on the reported occurrence of notifiable diseases are routinely published in the *Morbidity and Mortality Weekly Report* (MMWR) and compiled in final form in this summary from annual reports supplied by the state and territorial departments of health. However, totals for the United States do not include data listed for Guam, Puerto Rico, the Virgin Islands, and the Trust Territory of the Pacific Islands.

CDC also maintains national surveillance programs for selected diseases, with the cooperation of state and local health departments, and publishes detailed epidemiologic analyses on a periodic basis. Data appearing in a surveillance report may not agree exactly with reports published by the MMWR because of differences in timing of reports or because of refinements in case definition.

It should be noted that the MMWR and the national surveillance program are separate systems; data from each appear in this *Annual Summary*. These data should be interpreted with caution. Some diseases such as plague and rabies that cause severe clinical illness and are associated with serious consequences are probably reported quite accurately. However, diseases such as salmonellosis and mumps that are clinically mild and infrequently associated with serious consequences are less likely to be reported. Additionally, subclinical cases are seldom detected except in the course of special studies. The degree of completeness of reporting is also influenced by the diagnostic facilities available, the control measures in effect, and the interests and priorities of state and local officials responsible for disease control and surveillance. Finally, factors such as the introduction of new diagnostic tests (e.g., hepatitis B) and the discovery of new disease entities (e.g., infant botulism and legionellosis) may cause changes in disease reporting independent of the true incidence of disease. Despite these limitations the data in this report have proven to be useful in the analysis of trends.

Mortality data, with the exception of statistics obtained from the 121 participating cities, are from the National Center for Health Statistics, Health Services Administration. Each year these data are also published in *Vital Statistics of the United States*, Vol. II.

Data on the notifiable diseases from 1930-1969 have been added to this volume. Data for years prior to 1960 were obtained from publications of the National Office of Vital Statistics.

The population data for 1979 used in computing rates are from the Bureau of the Census and are provisional estimates of the resident population as of July 1, 1979. The data are in the Bureau's *Current Population Reports* series: state and age estimates in Series P-25, No. 875 and in unpublished data; U.S. territories' estimates in P-25, No. 872. New York City data are provisional, unpublished estimates.

Population estimates for the years 1930-1969 were obtained from Series P-25 No. 802.

Population data from those states where diseases were not notifiable or where age-specific data were not available were excluded from rate calculation. Rates were calculated using resident population with the exception of chancroid, gonorrhoea, granuloma inguinale, lymphogranuloma venereum, and syphilis, for which only civilian resident population data were utilized.

Data on reported venereal disease cases are from the STD Fact Sheet, Venereal Disease Control Division, CDC.

In order not to delay the publication of this document, provisional data from California were included. For further modification of any of those data, contact the California Department of Health Services.

EXPLANATION OF SYMBOLS USED IN TABLES

| | |
|--|----|
| Data not available | NA |
| No reported cases | — |
| Report of disease not required by state health department (not notifiable) | NN |

SECTION 1:

Summary of Notifiable Diseases in the United States

NOTIFIABLE DISEASES — Summary of reported cases by month, United States, 1979

| Disease | Total | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Month not Stated |
|-------------------------------------|---------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|--------|------------------|
| Amebiasis | 4,107 | 427 | 339 | 353 | 317 | 315 | 305 | 329 | 270 | 353 | 327 | 383 | 365 | 24 |
| Anthrax | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Aseptic meningitis | 8,754 | 264 | 189 | 221 | 186 | 276 | 536 | 861 | 1,891 | 1,706 | 1,230 | 784 | 580 | 30 |
| Botulism, total | 45 | 4 | — | 1 | 5 | 1 | 4 | 5 | 2 | 4 | 5 | 1 | 11 | 2 |
| Foodborne | 12 | — | — | — | 3 | — | 1 | 1 | 1 | 1 | 3 | — | 2 | — |
| Infant | 25 | 4 | — | 1 | 2 | 1 | 2 | 2 | 1 | 2 | 1 | — | 7 | 2 |
| Brucellosis (undulant fever) | 215 | 7 | 7 | 7 | 4 | 24 | 17 | 24 | 21 | 25 | 17 | 18 | 43 | 1 |
| Chickenpox | 199,081 | 22,288 | 26,345 | 33,495 | 31,113 | 34,204 | 18,101 | 4,625 | 1,903 | 1,188 | 3,360 | 8,002 | 14,363 | 94 |
| Cholera | 1 | — | — | — | — | — | — | 1 | — | — | — | — | — | — |
| Diphtheria | 59 | 6 | 22 | 21 | 3 | — | — | 2 | 1 | 1 | 1 | 1 | 1 | — |
| Hepatitis A | 30,407 | 2,765 | 2,392 | 2,561 | 2,264 | 2,566 | 2,424 | 2,440 | 2,697 | 2,506 | 2,729 | 2,298 | 2,461 | 304 |
| Hepatitis B | 15,452 | 1,256 | 1,101 | 1,305 | 1,147 | 1,253 | 1,228 | 1,231 | 1,434 | 1,197 | 1,329 | 1,317 | 1,425 | 229 |
| Hepatitis, unspecified | 10,534 | 906 | 779 | 987 | 719 | 866 | 780 | 822 | 871 | 903 | 996 | 843 | 981 | 81 |
| Legionellosis | 578 | 29 | 26 | 25 | 37 | 36 | 49 | 86 | 99 | 87 | 42 | 29 | 32 | 1 |
| Leprosy | 185 | 16 | 15 | 12 | 9 | 21 | 10 | 19 | 13 | 20 | 13 | 13 | 15 | 9 |
| Leptospirosis | 94 | 5 | 3 | 4 | 6 | 2 | 4 | 12 | 10 | 11 | 11 | 15 | 11 | — |
| Malaria | 894 | 39 | 40 | 30 | 44 | 65 | 81 | 97 | 105 | 79 | 103 | 83 | 112 | 16 |
| Measles (rubeola) | 13,597 | 906 | 1,239 | 2,069 | 2,381 | 2,781 | 1,459 | 579 | 441 | 274 | 323 | 464 | 633 | 48 |
| Meningococcal infections, total | 2,724 | 283 | 318 | 351 | 250 | 253 | 237 | 159 | 154 | 137 | 154 | 182 | 228 | 18 |
| Civilian | 2,703 | 282 | 315 | 344 | 250 | 249 | 235 | 157 | 153 | 137 | 154 | 182 | 227 | 18 |
| Military | 21 | 1 | 3 | 7 | — | 4 | 2 | 2 | 1 | — | — | — | 1 | — |
| Mumps | 14,225 | 1,328 | 1,352 | 2,495 | 1,773 | 1,868 | 1,444 | 638 | 379 | 327 | 598 | 889 | 1,082 | 52 |
| Pertussis (whooping cough) | 1,623 | 140 | 101 | 113 | 92 | 84 | 116 | 125 | 161 | 125 | 117 | 104 | 321 | 24 |
| Plague | 13 | — | — | — | 3 | 3 | 3 | 4 | — | — | — | — | — | — |
| Poliomyelitis, total | 34 | 3 | — | — | 2 | 7 | 8 | 2 | 4 | 1 | 1 | 2 | 4 | — |
| Paralytic | 26 | 2 | — | — | 2 | 7 | 6 | 2 | 3 | — | 1 | 1 | 2 | — |
| Psittacosis | 137 | 10 | 13 | 18 | 14 | 14 | 4 | 10 | 8 | 7 | 10 | 4 | 25 | — |
| Rabies, human | 4 | — | — | — | — | — | — | 1 | 1 | — | 1 | — | 1 | — |
| Rheumatic fever, acute | 629 | 46 | 53 | 68 | 41 | 51 | 55 | 45 | 46 | 33 | 41 | 40 | 30 | 80 |
| Rubella (German measles) | 11,795 | 531 | 1,142 | 1,907 | 2,194 | 2,780 | 1,287 | 512 | 289 | 179 | 255 | 287 | 384 | 48 |
| Rubella congenital syndrome | 62 | 5 | 3 | 15 | 3 | 9 | 2 | 4 | 4 | 5 | 2 | 5 | 5 | — |
| Salmonellosis, excl. typhoid fever | 33,138 | 2,000 | 1,478 | 1,761 | 1,787 | 2,244 | 2,731 | 3,037 | 3,855 | 3,736 | 3,557 | 3,043 | 2,634 | 1,275 |
| Shigellosis | 20,135 | 1,432 | 1,162 | 1,368 | 1,145 | 1,510 | 1,494 | 1,591 | 1,911 | 2,036 | 2,006 | 1,935 | 1,792 | 753 |
| Syphilis, primary & secondary | 24,874 | 1,900 | 1,859 | 2,136 | 1,827 | 1,937 | 2,085 | 1,882 | 2,329 | 2,135 | 2,453 | 2,120 | 2,211 | — |
| Tetanus | 81 | 1 | 4 | 4 | 4 | 10 | 12 | 5 | 6 | 13 | 5 | 5 | 12 | — |
| Trichinosis | 157 | 19 | 26 | 25 | 6 | 13 | 4 | 4 | 32 | 7 | 10 | — | 10 | 1 |
| Tularemia | 196 | 13 | 6 | 9 | 11 | 15 | 30 | 30 | 27 | 16 | 15 | 7 | 16 | 1 |
| Typhoid fever | 528 | 32 | 38 | 36 | 21 | 46 | 55 | 35 | 65 | 55 | 59 | 51 | 32 | 3 |
| Typhus fever | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Flea-borne (endemic, murine) | 69 | 1 | 1 | 1 | 1 | 6 | 10 | 9 | 4 | 16 | 4 | 1 | 15 | — |
| Tick-borne (Rocky Mountain spotted) | 1,070 | 6 | 6 | 5 | 28 | 131 | 217 | 240 | 217 | 86 | 62 | 35 | 37 | — |

NOTIFIABLE DISEASES

NOTIFIABLE DISEASES — Reported cases by geographic division and by state, United States, 1979

| Area | Tot. Resident Population (in thousands) | Amebiasis | Aseptic Meningitis | Botulism | | | | Brucellosis | Chancroid |
|----------------------|---|--------------|--------------------|-----------|-----------|----------|----------|-------------|------------------------|
| | | | | Foodborne | Infant | Wound | Unsp. | | |
| United States | 220,099 | 4,107 | 8,754 | 12 | 25 | 3 | 5 | 215 | 840¹ |
| New England | 12,291 | 39 | 677 | — | — | — | 1 | 14 | 2 |
| Maine | 1,097 | 1 | 27 | — | — | — | — | — | — |
| N.H. | 887 | 3 | 72 | — | — | — | — | — | — |
| Vt. | 493 | — | 12 | — | — | — | — | 2 | — |
| Mass. | 5,769 | 6 | 209 | — | — | — | 1 | 5 | 2 |
| R.I. | 929 | — | 157 | — | — | — | — | — | — |
| Conn. | 3,115 | 29 | 200 | — | — | — | — | 7 | — |
| Mid. Atlantic | 36,711 | 1,785 | 1,309 | — | 7 | — | 1 | 7 | 96 |
| N.Y. (excl. NYC) | 10,614 | 52 | 419 | — | 1 | — | 1 | 3 | — |
| N.Y.C. | 7,034 | 1,537 | 187 | — | — | — | — | 2 | 96 |
| N.J. | 7,332 | 184 | 512 | — | 1 | — | — | — | — |
| Pa. | 11,731 | 12 | 191 | — | 5 | — | — | 2 | — |
| E.N. Central | 41,287 | 185 | 1,631 | — | — | — | — | 13 | 100 |
| Ohio | 10,731 | 25 | 271 | — | — | — | — | 7 | — |
| Ind. | 5,400 | 20 | 247 | — | — | — | — | — | — |
| Ill. | 11,229 | 127 | 306 | — | — | — | — | 4 | 41 |
| Mich. | 9,207 | 13 | 592 | — | — | — | — | — | 59 |
| Wis. | 4,720 | — | 215 | — | — | — | — | 2 | — |
| W.N. Central | 17,118 | 168 | 371 | 1 | — | — | — | 34 | 1 |
| Minn. | 4,060 | 36 | NN | — | — | — | — | 9 | — |
| Iowa | 2,902 | 78 | 97 | — | — | — | — | 9 | — |
| Mo. | 4,867 | 29 | 130 | — | — | — | — | 6 | — |
| N. Dak. | 657 | — | 4 | — | — | — | — | — | — |
| S. Dak. | 689 | 2 | 3 | — | — | — | — | 2 | — |
| Nebr. | 1,574 | 3 | 46 | 1 | — | — | — | 6 | — |
| Kans. | 2,369 | 20 | 91 | — | — | — | — | 2 | 1 |
| S. Atlantic | 34,976 | 141 | 1,078 | — | — | — | — | 37 | 585 |
| Del. | 582 | — | 5 | — | — | — | — | — | — |
| Md. | 4,148 | 8 | 164 | — | — | — | — | 3 | 4 |
| D.C. | 656 | 13 | 5 | — | — | — | — | — | 17 |
| Va. | 5,197 | 49 | 266 | — | — | — | — | 17 | 3 |
| W. Va. | 1,878 | — | 46 | — | — | — | — | — | — |
| N.C. | 5,606 | 16 | 241 | — | — | — | — | 1 | 46 |
| S.C. | 2,932 | 1 | 32 | — | — | — | — | 1 | 5 |
| Ga. | 5,117 | 21 | — | — | — | — | — | 5 | 482 |
| Fla. | 8,860 | 33 | 319 | — | — | — | — | 10 | 28 |
| E.S. Central | 14,105 | 9 | 611 | 2 | 1 | — | — | 34 | 8 |
| Ky. | 3,527 | — | 114 | 2 | 1 | — | — | — | 1 |
| Tenn. | 4,380 | NN | 160 | — | — | — | — | 15 | 4 |
| Ala. | 3,769 | 2 | 289 | — | — | — | — | 3 | — |
| Miss. | 2,429 | 7 | 48 | — | — | — | — | 16 | 3 |
| W.S. Central | 22,470 | 355 | 1,009 | 1 | 2 | 1 | 1 | 50 | 11 |
| Ark. | 2,180 | 16 | 26 | — | 1 | — | — | 10 | — |
| La. | 4,018 | 9 | 106 | — | — | — | — | 4 | 5 |
| Okla. | 2,892 | 29 | 124 | — | — | — | 1 | 8 | — |
| Texas | 13,380 | 301 | 753 | 1 | 1 | 1 | — | 28 | 6 |
| Mountain | 10,673 | 136 | 423 | — | 4 | — | — | 7 | 11 |
| Mont. | 786 | 10 | 34 | — | — | — | — | 3 | — |
| Idaho | 905 | 8 | 4 | — | — | — | — | 1 | 2 |
| Wyo. | 450 | 2 | 7 | — | — | — | — | — | — |
| Colo. | 2,772 | 40 | 278 | — | — | — | — | 2 | — |
| N. Mex. | 1,241 | 5 | 46 | — | — | — | — | — | — |
| Ariz. | 2,450 | 36 | 8 | NN | 1 | NN | NN | — | 9 |
| Utah | 1,367 | 34 | 15 | — | 3 | — | — | — | — |
| Nev. | 702 | 1 | 31 | — | — | — | — | 1 | — |
| Pacific | 30,469 | 1,289 | 1,645 | 8 | 11 | 2 | 2 | 19 | 26 |
| Wash. | 3,926 | 30 | 158 | 2 | 2 | 1 | — | 6 | 4 |
| Oreg. | 2,527 | 14 | 114 | — | — | — | — | — | 1 |
| Calif. | 22,694 | 1,218 | 1,199 | 1 | 9 | 1 | 2 | 12 | 21 |
| Alaska | 406 | — | 59 | 5 | — | — | — | 1 | — |
| Hawaii | 915 | 27 | 115 | — | — | — | — | — | — |
| Guam | 114 | 4 | — | — | — | — | — | — | — |
| P.R. | 3,358 | — | 95 | — | — | — | — | 2 | 14 |
| V.I. | 96 | 7 | — | — | — | — | — | — | — |
| Pac. Trust Terr. | 128 | 958 | 15 | — | — | — | — | — | NA |

¹ Civilian cases only.

NOTIFIABLE DISEASES

**NOTIFIABLE DISEASES — Reported cases by geographic division and by state,
United States, 1979 — continued**

| Area | Chicken-pox | Cholera Imported | Diphtheria | Encephalitis | | | Gonorrhea | Granuloma inguinale |
|----------------------|-----------------|------------------|------------|------------------------|------------------------|-----------------------|------------------------------|-----------------------|
| | | | | Primary | Indeterminate | Post childhood inf. | | |
| United States | 199,081 | 1 | 59 | 261¹ | 938¹ | 67¹ | 1,003,958² | 76² |
| New England | 29,391 | — | — | 4 | 41 | 7 | 24,782 | — |
| Maine | 4,046 | — | — | — | 1 | — | 1,746 | — |
| N.H. | 1,127 | — | — | — | 2 | — | 928 | — |
| Vt. | 381 | — | — | — | 2 | — | 653 | — |
| Mass. | 9,279 | — | — | — | 16 | — | 9,884 | — |
| R.I. | 3,033 | — | — | — | 1 | — | 1,965 | — |
| Conn. | 11,525 | — | — | 4 | 19 | 7 | 9,606 | — |
| Mid. Atlantic | 16,490 | — | — | 10 | 101 | 11 | 109,355 | 7 |
| N.Y. (excl. NYC) | 10,377 | — | — | 2 | 32 | 5 | 20,411 | — |
| N.Y.C. | 3,052 | — | — | NA | NA | NA | 41,218 | 7 |
| N.J. | NN | — | — | 3 | 15 | 4 | 19,548 | — |
| Pa. | 3,061 | — | — | 5 | 54 | 2 | 28,178 | — |
| E.N. Central | 82,883 | — | 1 | 83 | 172 | 18 | 161,626 | 4 |
| Ohio | 7,387 | — | — | 36 | 64 | 7 | 42,041 | — |
| Ind. | 8,887 | — | — | 15 | 62 | 5 | 16,510 | — |
| Ill. | 18,678 | — | — | NA | NA | NA | 52,367 | 4 |
| Mich. | 30,320 | — | — | 1 | 39 | 3 | 36,624 | — |
| Wis. | 17,611 | — | 1 | 31 | 7 | 3 | 14,084 | — |
| W.N. Central | 22,422 | — | 1 | 70 | 181 | 2 | 49,657 | 1 |
| Minn. | 61 | — | — | 42 | 99 | — | 8,214 | — |
| Iowa | 9,130 | — | — | 17 | 53 | 1 | 5,733 | — |
| Mo. | 3,510 | — | 1 | 2 | 14 | — | 21,458 | — |
| N. Dak. | 435 | — | — | — | — | — | 844 | — |
| S. Dak. | 635 | — | — | 1 | 2 | — | 1,594 | — |
| Nebr. | 1,135 | — | — | 1 | — | — | 3,592 | — |
| Kans. | 7,516 | — | — | 7 | 13 | 1 | 8,222 | 1 |
| S. Atlantic | 16,594 | — | 1 | 45 | 126 | 14 | 239,090 | 60 |
| Del. | 218 | — | — | — | 1 | — | 3,917 | — |
| Md. | 2,230 | — | — | 1 | 16 | 2 | 28,931 | — |
| D.C. | 135 | — | — | — | — | — | 16,350 | — |
| Va. | 963 | — | 1 | 2 | 27 | 6 | 23,032 | — |
| W. Va. | 6,192 | — | — | — | 28 | — | 3,309 | — |
| N.C. | NN | — | — | 5 | 29 | 2 | 35,125 | 1 |
| S.C. | 220 | — | — | — | 7 | — | 22,238 | — |
| Ga. | 28 | — | — | 4 | 10 | 2 | 44,752 | 59 |
| Fla. | 6,608 | — | — | 33 | 8 | 2 | 61,436 | — |
| E.S. Central | 4,405 | — | — | 13 | 87 | 1 | 85,408 | — |
| Ky. | 3,667 | — | — | — | 6 | 1 | 11,387 | — |
| Tenn. | NN | — | — | NA | NA | NA | 30,848 | — |
| Ala. | 525 | — | — | 1 | 25 | — | 25,348 | — |
| Miss. | 213 | — | — | 12 | 56 | — | 17,825 | — |
| W.S. Central | 7,199 | — | — | 16 | 94 | 8 | 128,656 | — |
| Ark. | 190 | — | — | 4 | 6 | 1 | 10,386 | — |
| La. | NN | — | — | — | 17 | — | 23,686 | — |
| Okla. | NN | — | — | — | 24 | 2 | 12,755 | — |
| Texas | 7,009 | — | — | 12 | 47 | 5 | 81,829 | — |
| Mountain | 4,403 | — | 2 | 11 | 51 | 4 | 40,131 | 3 |
| Mont. | 1,164 | — | — | 2 | 6 | — | 1,934 | — |
| Idaho | 297 | — | — | 1 | — | — | 1,780 | — |
| Wyo. | 19 | — | — | — | 1 | 2 | 1,130 | — |
| Colo. | 2,299 | — | — | — | 18 | — | 10,784 | 3 |
| N. Mex. | 210 | — | — | 2 | 4 | 2 | 4,864 | — |
| Ariz. | NN | — | 2 | 2 | 8 | — | 11,308 | — |
| Utah | 271 | — | — | 4 | 12 | — | 2,015 | — |
| Nev. | 143 | — | — | — | 2 | — | 6,316 | — |
| Pacific | 15,294 | 1 | 54 | 9 | 85 | 2 | 165,253 | 1 |
| Wash. | 11,074 | — | 50 | 4 | 28 | — | 14,607 | — |
| Oreg. | 69 ¹ | — | — | 3 | 29 | 2 | 10,272 | — |
| Calif. | 2,990 | 1 | 4 | NA | NA | NA | 132,376 | 1 |
| Alaska | 326 | — | — | 1 | 10 | — | 4,886 | — |
| Hawaii | 835 | — | — | — | 18 | — | 3,112 | — |
| Guam | 129 | — | — | — | — | — | 128 | — |
| P.R. | 914 | — | — | — | 1 | — | 2,151 | — |
| V.I. | 43 | — | — | — | — | — | 305 | — |
| Pac. Trust Terr. | 329 | — | — | NA | NA | NA | NA | NA |

¹ Provisional data.
² Civilian cases only.
³ Notifiable only for 16 years of age and over.

NOTIFIABLE DISEASES

NOTIFIABLE DISEASES — Reported cases by geographic division and by state,
United States, 1979 — continued

| Area | Hepatitis A | Hepatitis B | Hepatitis unsp. | Legionel- losis | Leprosy | | Leptospirosis | Lympho- granuloma venereum |
|----------------------|------------------|------------------|------------------|--------------------|-----------|------------|---------------|----------------------------------|
| | | | | | Endemic | Imported | | |
| United States | 30,407 | 15,452 | 10,534 | 578 | 27 | 158 | 94 | 250¹ |
| New England | 846 | 598 | 204 | 58 | — | 5 | 3 | — |
| Maine | 120 | 14 | 24 | 4 | — | — | — | — |
| N.H. | 66 | 27 | 17 | 2 | — | — | — | — |
| Vt. | 59 | 24 | 6 | 4 | — | — | — | — |
| Mass. | 311 | 259 | 112 | 13 | — | 4 | 2 | — |
| R.I. | 105 | 61 | 4 | 4 | — | — | 1 | — |
| Conn. | 185 | 213 | 45 | 31 | — | 1 | — | — |
| Mid. Atlantic | 2,518 | 2,515 | 884 | 119 | — | 7 | 4 | 33 |
| N.Y. (excl. NYC) | 710 | 463 | 255 | 14 | — | — | — | 1 |
| N.Y.C. | 386 ² | 488 ² | 206 ² | 17 | — | 5 | 1 | 30 |
| N.J. | 758 | 772 | 290 | 35 | — | 2 | — | 1 |
| Pa. | 664 | 792 | 133 | 53 | — | — | 3 | 1 |
| E.N. Central | 3,971 | 2,159 | 647 | 132 | — | 6 | 8 | 6 |
| Ohio | 1,023 | 432 | — | 45 | — | — | 4 | 3 |
| Ind. | 387 | 317 | 152 | 24 | — | 1 | — | — |
| Ill. | 1,176 | 601 | 181 | 26 | — | 4 | 1 | 2 |
| Mich. | 1,114 | 640 | 282 | — | — | — | 1 | 1 |
| Wis. | 271 | 169 | 32 | 37 | — | — | 3 | — |
| W.N. Central | 1,627 | 688 | 349 | 50 | 1 | 2 | 5 | 6 |
| Minn. | 494 | 170 | 21 | 9 | — | 1 | 1 | — |
| Iowa | 184 | 99 | 68 | 3 | — | — | 2 | — |
| Mo. | 392 | 267 | 189 | 10 | 1 | 1 | 2 | 5 |
| N. Dak. | 45 | 11 | — | 13 | — | — | — | — |
| S. Dak. | 207 | 19 | — | 1 | — | — | — | 1 |
| Nebr. | 92 | 52 | 21 | 8 | — | — | — | — |
| Kans. | 213 | 70 | 50 | 6 | — | — | — | — |
| S. Atlantic | 4,230 | 3,066 | 1,581 | 96 | 2 | 12 | 28 | 166 |
| Del. | 28 | 54 | 12 | 2 | — | — | — | — |
| Md. | 404 | 464 | 228 | 11 | — | — | 4 | 1 |
| D.C. | 41 | 54 | 22 | — | — | — | — | 65 |
| Va. | 271 | 450 | 218 | 13 | — | 2 | 3 | 2 |
| W. Va. | 129 | 100 | 32 | 4 | — | — | — | — |
| N.C. | 452 | 398 | 168 | 7 | — | 1 | 1 | 5 |
| S.C. | 205 | 173 | 78 | 1 | 1 | — | — | — |
| Ga. | 817 | 392 | — | 19 | — | 1 | 2 | 79 |
| Fla. | 1,883 | 981 | 823 | 39 | 1 | 8 | 18 | 14 |
| E.S. Central | 1,459 | 1,048 | 242 | 34 | — | — | 5 | 4 |
| Ky. | 277 | 181 | 30 | 3 | — | — | — | — |
| Tenn. | 532 | 525 | 92 | 20 | — | — | 1 | 3 |
| Ala. | 267 | 236 | 120 | 9 | — | — | 2 | — |
| Miss. | 383 | 106 | — | 2 | — | — | 2 | 1 |
| W.S. Central | 4,597 | 1,279 | 2,337 | 17 | 22 | 11 | 18 | 16 |
| Ark. | 384 | 120 | 50 | 5 | — | — | — | — |
| La. | 642 | 303 | 231 | 6 | 2 | — | 9 | — |
| Okla. | 282 | 171 | 216 | 4 | — | — | 1 | 2 |
| Texas | 3,289 | 685 | 1,840 | 2 | 20 | 11 | 8 | 14 |
| Mountain | 4,439 | 530 | 2,130 | 9 | — | 4 | 1 | 5 |
| Mont. | 164 | 22 | 2 | 1 | — | — | — | — |
| Idaho | 141 | 14 | 15 | 2 | — | — | — | — |
| Wyo. | 28 | 4 | 6 | 1 | — | — | 1 | — |
| Colo. | 489 | 166 | 174 | 2 | — | 2 | — | 1 |
| N. Mex. | 1,149 | 97 | 30 | 1 | — | — | — | — |
| Ariz. | 1,873 | 118 | 1,531 | 2 | — | 1 | NN | 4 |
| Utah | 246 | 40 | 292 | — | — | 1 | — | — |
| Nev. | 349 | 69 | 80 | — | — | — | — | — |
| Pacific | 6,720 | 3,569 | 2,160 | 63 | 2 | 111 | 22 | 14 |
| Wash. | 977 | 254 | 224 | 1 | — | — | — | 2 |
| Oreg. | 800 | 354 | 83 | — | — | 2 | 2 | 1 |
| Calif. | 4,757 | 2,842 | 1,799 | 60 | — | 78 | 3 | 11 |
| Alaska | 63 | 26 | 28 | — | — | — | — | — |
| Hawaii | 123 | 93 | 26 | 2 | 2 | 31 | 17 | — |
| Guam | 42 | 18 | 72 | — | 2 | — | — | — |
| P.R. | 190 | 94 | 363 | — | 3 | — | 1 | 2 |
| V.I. | — | — | 11 | — | — | — | — | — |
| Pac. Trust Terr. | — | — | 59 | — | 14 | — | — | NA |

¹ Civilian cases only.

² Classifications based on HBsAg test results.

NOTIFIABLE DISEASES

**NOTIFIABLE DISEASES — Reported cases by geographic division and by state,
United States, 1979 — continued**

| Area | Malaria | Measles | Meningo- coccal infections | Mumps | Pertussis | Plague | Poliomyelitis | | Psittacosis |
|----------------------|------------------------|---------------------------|----------------------------------|---------------|--------------|-----------|----------------|----------------|-------------|
| | | | | | | | Total | Paralytic | |
| United States | 894¹ | 13,597² | 2,724 | 14,225 | 1,623 | 13 | 34 | 26 | 137 |
| New England | 46 | 292 | 155 | 768 | 56 | — | 1 | 1 | 1 |
| Maine | 3 | 18 | 9 | 278 | 15 | — | — | — | — |
| N.H. | — | 33 | 15 | 6 | — | — | — | — | — |
| Vt. | — | 120 | 8 | 10 | — | — | — | — | — |
| Mass. | 15 | 15 | 60 | 192 | 24 | — | 1 | 1 | — |
| R.I. | 10 | 102 | 9 | 51 | 12 | — | — | — | 1 |
| Conn. | 17 | 4 | 54 | 231 | 5 | — | — | — | — |
| Mid. Atlantic | 111 | 1,648 | 428 | 1,360 | 152 | — | 14 | 9 | 22 |
| N.Y. (excl. NYC) | 14 | 679 | 145 | 195 | 79 | — | — | — | 19 |
| N.Y.C. | 45 | 859 | 91 | 157 | 44 | — | 1 | 1 | — |
| N.J. | 19 | 58 | 109 | 623 | 19 | — | — | — | — |
| Pa. | 33 | 52 | 83 | 385 | 10 | — | 13 | 8 | 3 |
| E.N. Central | 90 | 3,645 | 405 | 6,056 | 588 | — | 5 | 4 | 23 |
| Ohio | 29 | 347 | 127 | 2,093 | 104 | — | — | — | 9 |
| Ind. | 2 | 228 | 54 | 360 | 41 | — | — | — | 1 |
| Ill. | 45 | 1,636 | 125 | 1,270 | 320 | — | 1 | 1 | 7 |
| Mich. | 12 | 869 | 79 | 1,067 | 102 | — | — | — | 3 |
| Wis. | 2 | 565 | 20 | 1,266 | 21 | — | 4 | 3 | 3 |
| W.N. Central | 51 | 1,846 | 85 | 760 | 59 | — | 7 | 6 | 5 |
| Minn. | 24 | 1,219 | 19 | 27 | 9 | — | 1 | 1 | 1 |
| Iowa | 2 | 16 | 15 | 246 | 4 | — | 3 | 3 | 2 |
| Mo. | 6 | 436 | 38 | 203 | 24 | — | 1 | 1 | 2 |
| N. Dak. | 7 | 21 | 1 | 2 | — | — | — | — | — |
| S. Dak. | 1 | 2 | 4 | 11 | — | — | — | — | — |
| Nebr. | 4 | 77 | — | 7 | 3 | — | 1 | 1 | — |
| Kans. | 7 | 75 | 8 | 264 | 19 | — | 1 | — | — |
| S. Atlantic | 114 | 2,194 | 628 | 883 | 234 | — | 2 | 1 | 9 |
| Del. | 1 | 1 | 5 | 92 | — | — | — | — | — |
| Md. | 24 | 17 | 60 | 225 | 15 | — | 1 | — | 5 |
| D.C. | 6 | — | — | 2 | — | — | — | — | — |
| Va. | 30 | 288 | 87 | 105 | 16 | — | — | — | — |
| W. Va. | 3 | 65 | 18 | 139 | 20 | — | — | — | — |
| N.C. | 6 | 115 | 95 | 91 | 31 | — | 1 | 1 | 1 |
| S.C. | 5 | 183 | 69 | 5 | 13 | — | — | — | — |
| Ga. | 7 | 587 | 91 | 8 | 88 | — | — | — | 3 |
| Fla. | 32 | 938 | 203 | 216 | 51 | — | — | — | — |
| E.S. Central | 23 | 278 | 184 | 1,623 | 72 | — | — | — | 5 |
| Ky. | — | 60 | 35 | 1,378 | 30 | — | — | — | — |
| Tenn. | 10 | 69 | 54 | 108 | 31 | — | — | — | 2 |
| Ala. | 6 | 129 | 41 | 28 | 4 | — | — | — | 2 |
| Miss. | 7 | 20 | 54 | 109 | 7 | — | — | — | 1 |
| W.S. Central | 67 | 987 | 388 | 1,429 | 173 | — | — | — | 7 |
| Ark. | 1 | 7 | 29 | 489 | 14 | — | — | — | — |
| La. | 6 | 268 | 151 | 32 | 18 | — | — | — | 1 |
| Okla. | 15 | 42 | 42 | NN | 37 | — | — | — | 1 |
| Texas | 45 | 670 | 166 | 908 | 104 | — | — | — | 9 |
| Mountain | 22 | 341 | 100 | 334 | 123 | 9 | 1 | 1 | 5 |
| Mont. | 2 | 56 | 15 | 14 | 15 | — | — | — | 1 |
| Idaho | — | 18 | 10 | 12 | 3 | — | — | — | — |
| Wyo. | 1 | 36 | 1 | — | — | — | — | — | — |
| Colo. | 10 | 72 | 8 | 117 | 42 | 2 | — | — | 4 |
| N. Mex. | 1 | 38 | 6 | 15 | 30 | 4 | — | — | — |
| Ariz. | 6 | 80 | 38 | 66 | 30 | 3 | 1 | 1 | — |
| Utah | 1 | 21 | 9 | 96 | 2 | — | — | — | 4 |
| Nev. | 1 | 20 | 13 | 14 | 1 | — | — | — | — |
| Pacific | 370 | 2,366 | 351 | 1,012 | 166 | 4 | 4 | 4 | 56 |
| Wash. | 22 | 1,170 | 66 | 261 | 13 | — | 1 | 1 | 3 |
| Oreg. | 24 | 66 | 33 | 118 | 11 | 2 | — | — | 22 |
| Calif. | 318 | 1,045 | 237 | 501 | 122 | 2 | 3 ³ | 3 ³ | 31 |
| Alaska | — | 17 | 6 | 15 | 10 | — | — | — | — |
| Hawaii | 6 | 68 | 9 | 117 | 10 | — | — | — | — |
| Guam | — | — | — | — | — | — | — | — | — |
| P.R. | — | — | — | — | — | — | — | — | — |
| V.I. | 8 | 434 | 9 | 604 | 6 | — | — | — | — |
| Pac. Trust Terr. | — | 6 | 3 | 20 | — | — | — | — | — |
| | — | 10 | 2 | 48 | — | — | — | — | — |

¹ Includes 886 imported cases.
² Includes 28 imported cases.
³ Includes 1 imported case in Mexican citizen.

NOTIFIABLE DISEASES

NOTIFIABLE DISEASES — Reported cases by geographic division and by state,
United States, 1979 — continued

| Area | Rabies | | Rheumatic fever, acute | Rubella | | Salmonellosis | Shigellosis | Syphilis | |
|----------------------|-----------------|----------------|------------------------|---------------|----------------|---------------|---------------|---------------------------|---------------------------|
| | Animal | Human | | Rubella | Cong. syndrome | | | Primary & secondary | All stages |
| United States | 5,119 | 4 | 629 | 11,795 | 62 | 33,138 | 20,135 | 24,874¹ | 67,049¹ |
| New England | 50 | — | 24 | 1,446 | 2 | 3,245 | 452 | 491 | 1,418 |
| Maine | 31 | — | 2 | 68 | — | 229 | 6 | 10 | 58 |
| N.H. | 5 | — | — | 129 | — | 189 | 20 | 18 | 26 |
| Vt. | 1 | — | 3 | 407 | 1 | 143 | 18 | 3 | 4 |
| Mass. | 9 | — | NN | 491 | 1 | 1,764 | 193 | 286 | 826 |
| R.I. | 2 | — | 19 | 93 | — | 156 | 14 | 20 | 75 |
| Conn. | 2 | — | — | 258 | — | 764 | 201 | 154 | 429 |
| Mid. Atlantic | 77 | — | — | 2,088 | 5 | 5,311 | 2,370 | 3,659 | 10,862 |
| N.Y. (excl. NYC) | 48 ² | — | NN | 1,191 | 5 | 1,059 | 494 | 303 | 774 |
| N.Y.C. | — | — | NN | 290 | NN | 1,294 | 794 | 2,411 | 6,400 |
| N.J. | 12 | — | NN | 340 | — | 1,428 | 457 | 481 | 1,937 |
| Pa. | 17 | — | NN | 267 | — | 1,530 | 625 | 464 | 1,751 |
| E.N. Central | 470 | — | 246 | 2,890 | 26 | 5,242 | 2,339 | 2,976 | 9,613 |
| Ohio | 41 | — | 129 | 153 | — | 639 | 480 | 600 | 1,532 |
| Ind. | 68 | — | 49 | 808 | 2 | 519 | 192 | 231 | 903 |
| Ill. | 226 | — | 64 | 370 | 19 | 2,202 | 1,022 | 1,647 | 5,511 |
| Mich. | 16 | — | NN | 1,260 | 3 | 1,115 | 426 | 418 | 1,260 |
| Wis. | 119 | — | 4 | 299 | 2 | 767 | 219 | 80 | 407 |
| W.N. Central | 1,059 | — | 130 | 511 | 4 | 1,827 | 733 | 308 | 2,082 |
| Minn. | 172 | — | NN | 43 | 1 | 435 | 107 | 81 | 239 |
| Iowa | 206 | — | 10 | 53 | — | 186 | 84 | 37 | 242 |
| Mo. | 307 | — | 83 | 73 | — | 609 | 258 | 140 | 898 |
| N. Dak. | 99 | — | 21 | 9 | 2 | 83 | 13 | 2 | 5 |
| S. Dak. | 143 | — | — | 5 | — | 90 | 73 | 2 | 14 |
| Nebr. | 4 | — | NN | 202 | — | 133 | 39 | 7 | 39 |
| Kans. | 128 | — | 16 | 126 | 1 | 291 | 159 | 39 | 645 |
| S. Atlantic | 688 | — | 30 | 1,303 | 4 | 6,735 | 2,930 | 5,849 | 15,097 |
| Del. | 2 | — | 1 | 8 | — | 110 | 16 | 26 | 67 |
| Md. | 39 | — | 4 | 28 | — | 1,118 | 236 | 346 | 1,510 |
| D.C. | — | — | — | 1 | — | 136 | 77 | 453 | 1,398 |
| Va. | 19 | — | NN | 208 | — | 1,151 | 274 | 492 | 1,529 |
| W. Va. | 12 | — | — | 112 | — | 59 | 20 | 40 | 680 |
| N.C. | 26 | — | NN | 537 | — | 803 | 690 | 436 | 1,388 |
| S.C. | 173 | — | 1 | 77 | — | 359 | 128 | 321 | 691 |
| Ga. | 338 | — | 1 | 14 | — | 1,146 | 681 | 1,635 | 3,285 |
| Fla. | 79 | — | 24 | 318 | 4 | 1,853 | 808 | 2,100 | 4,566 |
| E.S. Central | 327 | 1 | 68 | 310 | 1 | 1,713 | 733 | 1,663 | 3,570 |
| Ky. | 138 | 1 | 57 | 73 | 1 | 307 | 186 | 161 | 535 |
| Tenn. | 109 | — | NN | 102 | — | 508 | 273 | 684 | 1,331 |
| Ala. | 73 | — | 11 | 44 | — | 474 | 121 | 301 | 571 |
| Miss. | 7 | — | — | 91 | — | 424 | 153 | 517 | 1,133 |
| W.S. Central | 1,857 | 2 | 17 | 272 | 5 | 3,168 | 2,857 | 4,528 | 9,469 |
| Ark. | 332 | — | 1 | 5 | — | 366 | 128 | 165 | 511 |
| La. | 41 | — | 2 | 31 | 1 | 196 | 123 | 1,123 | 2,252 |
| Okla. | 292 | 1 | NN | 24 | — | 408 | 307 | 87 | 404 |
| Texas | 1,192 | 1 | 14 | 212 | 4 | 2,198 | 2,299 | 3,153 | 6,302 |
| Mountain | 177 | — | 87 | 558 | 4 | 1,407 | 1,947 | 517 | 1,358 |
| Mont. | 21 | — | 2 | 68 | — | 75 | 144 | 11 | 26 |
| Idaho | — | — | 6 | 209 | 2 | 115 | 70 | 16 | 29 |
| Wyo. | 12 | — | 16 | — | — | 9 | 4 | 10 | 336 |
| Colo. | 51 | — | 12 | 68 | — | 534 | 422 | 116 | 234 |
| N. Mex. | 49 | — | 16 | 12 | — | 184 | 622 | 95 | 479 |
| Ariz. | 27 | — | — | 153 | 2 | 301 | 539 | 152 | 41 |
| Utah | 11 | — | 35 | 45 | — | 129 | 129 | 5 | 188 |
| Nev. | 6 | — | — | 3 | — | 60 | 17 | 112 | — |
| Pacific | 414 | 1 | 27 | 2,417 | 11 | 4,490 | 5,774 | 4,883 | 13,580 |
| Wash. | 21 | — | 1 | 228 | 1 | 709 | 319 | 219 | 539 |
| Oreg. | 17 | — | 3 | 127 | — | 326 | 143 | 167 | 361 |
| Calif. | 357 | 1 ³ | 18 | 2,041 | 9 | 2,986 | 5,169 | 4,382 | 12,453 |
| Alaska | 19 | — | 5 | 4 | — | 70 | 45 | 21 | 59 |
| Hawaii | — | — | NN | 17 | 1 | 399 | 98 | 94 | 168 |
| Guam | — | — | 13 | 4 | — | 88 | 14 | — | 1,697 |
| P.R. | 26 | — | 3 | 41 | — | 329 | 72 | 611 | 81 |
| V.I. | — | — | — | — | — | 3 | — | 12 | — |
| Pac. Trust Terr. | NA | — | 4 | 3 | — | — | 29 | — | — |

¹ Civilian cases only.

² Includes New York City.

³ Imported case in Mexican citizen.

NOTIFIABLE DISEASES

NOTIFIABLE DISEASES — Reported cases by geographic division and by state,
United States, 1979 — continued

| Area | Tetanus | Trichinosis | Tuberculosis | Tularemia | Typhoid fever | | Typhus fever | | |
|----------------------|-----------|-------------|---------------|------------|---------------|------------|--------------|-----------|-------------------|
| | | | | | Cases | | Carriers | Murine | Rocky Mt. Spotted |
| | | | | | Endemic | Imported | | | |
| United States | 81 | 157 | 27,669 | 196 | 243 | 285 | 71 | 69 | 1,070 |
| New England | 4 | 13 | 835 | 3 | 11 | 10 | 4 | — | 13 |
| Maine | 1 | 2 | 56 | — | — | 1 | — | — | — |
| N.H. | — | — | 25 | — | — | — | — | — | — |
| Vt. | — | — | 29 | — | — | — | — | — | 1 |
| Mass. | 2 | 7 | 476 | 3 | 7 | 6 | 2 | — | 7 |
| R.I. | — | 3 | 80 | — | — | 2 | — | — | — |
| Conn. | 1 | 1 | 169 | — | 4 | 1 | 2 | — | 5 |
| Mid. Atlantic | 10 | 43 | 4,238 | 1 | 57 | 39 | 9 | — | 67 |
| N.Y., (excl. NYC) | 2 | 4 | 699 | 1 | 24 | — | — | — | 33 |
| N.Y.C. | 5 | 3 | 1,530 | — | 20 | 19 | — | — | 2 |
| N.J. | 1 | 29 | 933 | — | 1 | 20 | 3 | — | 5 |
| Pa. | 2 | 7 | 1,076 | — | 12 | — | 6 | — | 27 |
| E.N. Central | 8 | 8 | 4,075 | 1 | 16 | 45 | 10 | — | 55 |
| Ohio | 4 | 1 | 764 | 1 | 3 | 6 | — | — | 25 |
| Ind. | 1 | — | 509 | — | 2 | — | — | — | 7 |
| Ill. | 2 | 5 | 1,540 | — | 5 | 27 | 4 | — | 20 |
| Mich. | 1 | — | 1,052 | — | 5 | 9 | 4 | — | 3 |
| Wis. | — | 2 | 210 | — | 1 | 3 | 2 | — | — |
| W.N. Central | 2 | 1 | 975 | 27 | 10 | 13 | 1 | — | 60 |
| Minn. | — | — | 190 | 1 | — | 5 | 1 | — | 2 |
| Iowa | — | — | 74 | 1 | — | 5 | — | — | 14 |
| Mo. | 1 | 1 | 500 | 21 | 6 | 2 | — | — | 31 |
| N. Dak. | 1 | — | 22 | — | — | — | — | — | — |
| S. Dak. | — | — | 55 | 2 | — | — | — | — | — |
| Nebr. | — | — | 30 | 1 | 1 | — | — | — | 5 |
| Kans. | — | — | 104 | 1 | 3 | 1 | — | — | 8 |
| S. Atlantic | 17 | 12 | 6,033 | 12 | 24 | 30 | 4 | 3 | 610 |
| Del. | — | — | 63 | 1 | — | — | — | — | 3 |
| Md. | 1 | 4 | 648 | — | 3 | 6 | 2 | 2 | 76 |
| D.C. | — | — | 324 | — | 1 | — | — | — | 2 |
| Va. | 3 | 6 | 747 | 2 | 2 | 4 | 2 | — | 90 |
| W. Va. | — | 1 | 221 | — | — | 5 | — | — | 12 |
| N.C. | 4 | — | 990 | 2 | 1 | 1 | — | — | 247 |
| S.C. | 1 | 1 | 483 | 1 | 3 | 2 | — | — | 86 |
| Ga. | — | — | 929 | 6 | 3 | — | — | — | 84 |
| Fla. | 8 | — | 1,628 | — | 11 | 12 | NA | 1 | 10 |
| E.S. Central | 8 | 1 | 2,580 | 19 | 14 | 8 | — | 1 | 139 |
| Ky. | 1 | — | 635 | 2 | 6 | 1 | — | — | 20 |
| Tenn. | — | — | 748 | 13 | 2 | — | — | 1 | 75 |
| Ala. | 5 | 1 | 644 | — | 6 | 2 | — | — | 21 |
| Miss. | 2 | — | 553 | 4 | — | 5 | — | — | 23 |
| W.S. Central | 26 | 26 | 3,471 | 73 | 37 | 38 | 12 | 61 | 100 |
| Ark. | 3 | — | 382 | 42 | 3 | — | — | — | 15 |
| La. | 4 | 22 | 647 | 5 | 5 | — | — | 2 | 3 |
| Okla. | 2 | — | 352 | 15 | — | — | — | — | 60 |
| Texas | 17 | 4 | 2,090 | 11 | 29 | 38 | 12 | 59 | 22 |
| Mountain | — | 4 | 919 | 47 | 15 | 17 | 2 | — | 19 |
| Mont. | — | — | 39 | 15 | — | — | 2 | — | 5 |
| Idaho | — | — | 21 | 3 | 4 | — | — | — | 3 |
| Wyo. | — | — | 19 | — | 1 | — | — | — | 2 |
| Colo. | — | — | 170 | 12 | 3 | 15 | — | — | 4 |
| N. Mex. | — | 3 | 153 | 3 | 4 | — | — | — | 1 |
| Ariz. | — | 1 | 417 | NN | 1 | 2 | NN | NN | NN |
| Utah | — | — | 46 | 12 | 3 | — | — | — | 1 |
| Nev. | — | — | 54 | 2 | 2 | — | — | — | 3 |
| Pacific | 6 | 49 | 4,543 | 13 | 59 | 85 | 29 | 4 | 7 |
| Wash. | — | — | 321 | 6 | 3 | 6 | 1 | — | — |
| Oreg. | — | — | 179 | 3 | — | 5 | — | — | — |
| Calif. | 6 | 7 | 3,642 | 3 | 52 | 70 | 28 | 1 | 7 |
| Alaska | — | 42 | 90 | 1 | — | 1 | — | — | — |
| Hawaii | — | — | 311 | — | 4 | 3 | — | 3 | NN |
| Guam | — | — | 62 | — | — | 1 | — | — | — |
| P.R. | 11 | — | 464 | — | 5 | — | — | — | — |
| V.I. | — | — | NA | — | — | — | — | — | — |
| Pac. Trust Terr. | — | — | 31 | — | — | — | — | — | — |

NOTIFIABLE DISEASES — Summary of reported cases by age, United States, 1979

| Disease | Total | Under 1 ¹ | 1-4 ¹ | 5-9 | 10-14 | 15-19 | 20-24 ¹ | 25-29 ¹ | 30-39 ¹ | 40-49 ¹ | 50-59 ¹ | 60+ ¹ | Age not stated |
|-------------------------------------|-----------|----------------------|------------------|---------|---------|---------|--------------------|--------------------|--------------------|--------------------|--------------------|------------------|----------------|
| Cholera | 1 | — | — | — | — | — | — | 1 | — | — | — | — | — |
| Diphtheria | 59 | — | 3 | 3 | — | 3 | 3 | 6 | 11 | 14 | 7 | 7 | 1 |
| Gonorrhea | 1,003,958 | (.....) | 12,188 | (.....) | (.....) | 249,887 | 380,250 | 201,273 | 123,692 | 26,203 | (.....) | 10,465 | (.....) |
| Hepatitis A ² | 29,590 | 54 | 782 | 2,500 | 2,034 | 3,401 | 5,357 | 4,418 | 4,462 | 1,921 | 1,403 | 1,437 | 1,041 |
| Hepatitis B ² | 15,060 | 28 | 45 | 72 | 161 | 1,856 | 4,037 | 2,903 | 2,559 | 1,072 | 860 | 844 | 555 |
| Hepatitis, unspecified ² | 11,743 | 22 | 281 | 896 | 718 | 1,429 | 2,078 | 1,612 | 1,661 | 745 | 546 | 716 | 396 |
| Measles (rubeola) | 13,597 | 520 | 1,811 | 2,473 | 3,054 | 2,633 | 512 | 127 | 101 | 28 | 13 | 5 | 2,083 |
| Meningococcal infections, total | 2,724 | 586 | 717 | 219 | 172 | 238 | 139 | 67 | 109 | 96 | 98 | 146 | 120 |
| Military | 21 | 2 | — | — | — | 12 | 2 | — | 1 | — | — | — | 3 |
| Civilian | 2,703 | 584 | 717 | 219 | 172 | 226 | 137 | 67 | 108 | 96 | 98 | 146 | 117 |
| Mumps | 14,225 | 38 | 493 | 2,216 | 1,697 | 369 | 93 | 73 | 118 | 48 | 32 | 17 | 9,018 |
| Pertussis | 1,623 | 655 | 372 | 114 | 64 | 22 | 13 | 15 | 16 | 3 | 4 | 3 | 317 |
| Plague | 13 | 1 | — | 1 | 3 | 3 | — | — | 1 | 1 | 2 | 1 | — |
| Poliomyelitis, total | 34 | 8 | 4 | 2 | 4 | 1 | 7 | 1 | 7 | — | — | — | — |
| Paralytic | 26 | 7 | 4 | — | 4 | 1 | 5 | 1 | 4 | — | — | — | — |
| Rubella (German measles) | 11,795 | 339 | 443 | 583 | 943 | 2,748 | 1,803 | 516 | 386 | 110 | 44 | 29 | 3,802 |
| Salmonellosis (excl. typhoid fever) | 33,138 | 5,888 | 4,942 | 2,026 | 1,386 | 1,632 | 2,039 | 1,504 | 1,880 | 1,179 | 1,198 | 2,657 | 6,649 |
| Shigellosis | 20,135 | 971 | 5,843 | 2,732 | 831 | 633 | 1,064 | 1,203 | 1,252 | 516 | 351 | 524 | 3,918 |
| Syphilis, primary & secondary | 24,874 | (.....) | 154 | (.....) | (.....) | 3,344 | 7,019 | 5,694 | 5,755 | 2,044 | (.....) | 864 | (.....) |
| Tetanus | 81 | 6 | 1 | — | 2 | 1 | — | 2 | 5 | 8 | 7 | 46 | 2 |
| Tuberculosis | 27,669 | (.....) | 989 | (.....) | 631 | (.....) | 2,158 | (.....) | (.....) | 23,848 | (.....) | (.....) | 43 |
| Typhoid fever | 528 | 15 | 42 | 73 | 51 | 51 | 74 | 53 | 70 | 28 | 20 | 42 | 9 |

¹ Variation in reporting occurs in the age groups <5 for the state of Arizona and in the age groups 20-60+ for the states of Arizona and Washington; therefore, totals for these age groups do not include cases in which age breakdowns differ from the categories shown above. Refer to age tables in Section 2.

² Age distribution of Hepatitis A cases (817) and Hepatitis B cases (392) reported by the state of Georgia included in Hepatitis, unspecified.

NOTIFIABLE DISEASES — Deaths from specified notifiable diseases, United States, 1969-1978
 (Numbers after cause of death are category numbers of the Eighth Revision of the International Classification of Diseases, Adapted 1965)

| Cause of Death | ICDA | 1978 | 1977 | 1976 | 1975 | 1974 | 1973 | 1972* | 1971 | 1970 | 1969 |
|---|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Amebiasis | 006 | 14 | 28 | 36 | 35 | 25 | 31 | 52 | 60 | 59 | 58 |
| Anthrax | 022 | — | — | — | — | — | — | — | — | — | — |
| Botulism, foodborne | 005.1 | 5 | 6 | 3 | 3 | 6 | 6 | 6 | 7 | 7 | 4 |
| Brucellosis | 023 | 3 | — | 2 | — | — | 1 | 6 | 3 | 2 | 3 |
| Chancroid | 099.0 | — | — | — | — | — | — | — | — | — | — |
| Chickenpox | 052 | 91 | 89 | 106 | 83 | 106 | 138 | 122 | 98 | 93 | 81 |
| Cholera | 000 | — | — | — | — | — | — | — | — | — | — |
| Diphtheria | 032 | 4 | 5 | 7 | 5 | 5 | 10 | 10 | 13 | 30 | 25 |
| Encephalitis, acute infectious | 062 065,079.2 | 185 | 206 | 253 | 386 | 276 | 326 | 266 | 320 | 327 | 386 |
| Gonorrhea | 098 | 9 | 1 | 1 | 1 | 1 | 11 | 8 | 9 | 9 | 3 |
| Granuloma inguinale | 099.2 | 1 | — | — | 1 | — | — | — | — | 2 | 2 |
| Hepatitis, infectious (Hepatitis A) | 070 | 508 | 508 | 567 | 612 | 630 | 656 | 778 | 906 | 1,014 | 1,011 |
| Leprosy | 030 | 4 | 1 | 1 | 2 | 2 | 1 | — | 1 | 5 | 4 |
| Leptospirosis | 100 | 5 | 8 | 12 | 7 | 5 | 6 | 10 | 6 | 4 | 5 |
| Lymphogranuloma venereum | 099.1 | — | — | — | 2 | 2 | 2 | 4 | 2 | 1 | 4 |
| Malaria | 084 | 5 | 3 | 4 | 4 | 4 | 7 | — | 6 | 5 | 11 |
| Measles (rubeola) | 055 | 11 | 15 | 12 | 20 | 20 | 23 | 24 | 90 | 89 | 41 |
| Meningococcal infection | 036 | 403 | 338 | 330 | 308 | 305 | 330 | 350 | 509 | 550 | 744 |
| Mumps | 072 | 3 | 5 | 8 | 8 | 6 | 12 | 16 | 15 | 16 | 22 |
| Pertussis (whooping cough) | 033 | 6 | 10 | 7 | 8 | 14 | 5 | 6 | 18 | 12 | 13 |
| Plague | 020 | — | — | 2 | 3 | 1 | — | — | — | 1 | — |
| Poliomyelitis | 040-043 | 13 | 16 | 16 | 9 | 3 | 10 | 2 | 18 | 7 | 13 |
| Bulbar or polioencephalitis | 040 | — | 2 | 3 | 2 | — | 4 | — | 2 | 2 | 3 |
| With other paralysis | 041 | 1 | 2 | 1 | 1 | — | 3 | — | 2 | 1 | 1 |
| Non-paralytic | 042 | — | — | — | — | — | — | — | — | — | — |
| Unspecified | 043 | 12 | 12 | 12 | 6 | 3 | 3 | 2 | 14 | 4 | 9 |
| Psittacosis | 073 | 1 | — | — | — | — | 1 | — | 1 | 1 | — |
| Rabies | 071 | 2 | — | 1 | 2 | — | 1 | 2 | 2 | 2 | 1 |
| Rheumatic fever, acute | 390-392 | 138 | 125 | 149 | 155 | 175 | 183 | 180 | 230 | 256 | 320 |
| Rubella (German measles) | 056 | 10 | 17 | 12 | 21 | 15 | 16 | 14 | 20 | 31 | 29 |
| Salmonellosis, including paratyphoid fever | 002-003 | 79 | 73 | 61 | 67 | 59 | 76 | 68 | 81 | 81 | 82 |
| Shigellosis | 004 | 20 | 25 | 19 | 27 | 32 | 33 | 38 | 24 | 30 | 36 |
| Syphilis | 090-097 | 169 | 196 | 225 | 272 | 300 | 393 | 344 | 375 | 461 | 543 |
| Tetanus | 037 | 32 | 24 | 32 | 45 | 44 | 40 | 58 | 64 | 79 | 89 |
| Trichinosis | 124 | — | — | 1 | — | — | 1 | 2 | 4 | 1 | — |
| Tuberculosis (all forms) | 10-019 | 2,914 | 2,968 | 3,130 | 3,333 | 3,513 | 3,875 | 4,376 | 4,501 | 5,217 | 5,567 |
| Tularemia | 021 | — | 2 | 2 | 2 | — | 4 | — | 2 | 2 | 1 |
| Typhoid fever | 001 | 2 | 3 | 2 | 3 | 3 | 7 | 8 | 4 | 6 | 4 |
| Typhus fever, flea-borne (endemic-murine) | 081.0 | — | — | 1 | — | — | 1 | — | — | — | — |
| Typhus fever, tick-borne (Rocky Mountain spotted) | 082.0 | 30 | 43 | 41 | 29 | 49 | 38 | 50 | 36 | 29 | 36 |

*Based on 50% sample of death records.

Source: National Center for Health Statistics, *Vital Statistics of the United States*, Vol. II, for respective year.

NOTIFIABLE DISEASES - Summary of reported cases, United States, 1970-1979

| Disease | 1979 | 1978 | 1977 | 1976 | 1975 | 1974 | 1973 | 1972 | 1971 | 1970 |
|--|--------------------|--------------------|------------------|------------------|---------|---------|---------|---------|---------|---------|
| U.S. total resident population, July 1 estimate (in thousands) | 220,099 | 218,059 | 216,332 | 214,659 | 213,121 | 211,390 | 209,851 | 208,232 | 206,256 | 203,805 |
| Amebiasis | 4,107 | 3,937 | 3,044 | 2,906 | 2,775 | 2,743 | 2,235 | 2,199 | 2,752 | 2,888 |
| Anthrax | — | 6 | — | 2 | 2 | 2 | 2 | 2 | 5 | 2 |
| Aseptic meningitis | 8,754 | 6,573 | 4,789 | 3,510 | 4,475 | 3,197 | 4,846 | 4,634 | 5,176 | 6,480 |
| Botulism, total | 45 | 105 | 129 | 55 | 20 | 28 | 34 | 22 | 25 | 12 |
| Foodborne | 12 | 65 | 81 | 30 | 17 | 28 | 34 | 22 | 25 | 12 |
| Infant | 25 | 36 | 43 | 15 | 1 | — | — | — | — | — |
| Brucellosis (undulant fever) | 215 | 179 | 232 | 296 | 310 | 240 | 202 | 196 | 183 | 213 |
| Chancroid | 840 | 521 | 455 | 628 | 700 | 945 | 1,165 | 1,414 | 1,320 | 1,416 |
| Chickenpox | 199,081 | 154,089 | 188,396 | 183,990 | 154,248 | 141,495 | 182,927 | 164,114 | — | — |
| Cholera | 1 | 12 | 4 | — | — | — | 1 | — | — | — |
| Diphtheria | 59 | 76 | 84 | 128 | 307 | 272 | 228 | 152 | 215 | 435 |
| Encephalitis, primary | 261 ¹ | 290 ¹ | 341 | 530 | 2,362 | 206 | 163 | 161 | 338 | 220 |
| Indeterminate | 938 ¹ | 1,061 ¹ | 1,073 | 1,121 | 1,702 | 958 | 1,450 | 898 | 1,186 | 1,360 |
| Post childhood infections | 67 ¹ | 78 ¹ | 119 | 175 | 237 | 218 | 358 | 243 | 439 | 370 |
| Gonorrhea | 1,003,958 | 1,013,436 | 1,002,219 | 1,001,994 | 999,937 | 906,121 | 842,621 | 767,215 | 670,268 | 600,072 |
| Granuloma inguinale | 76 | 72 | 75 | 71 | 60 | 47 | 62 | 81 | 89 | 124 |
| Hepatitis A | 30,407 | 29,500 | 31,153 | 33,288 | 35,855 | 40,358 | 50,749 | 54,074 | 59,606 | 56,797 |
| Hepatitis B | 15,452 | 15,016 | 16,831 | 14,973 | 13,121 | 10,631 | 8,451 | 9,402 | 9,556 | 8,310 |
| Hepatitis, unspecified | 10,534 | 8,776 | 8,639 | 7,488 | 7,158 | 8,351 | — | — | — | — |
| Legionellosis | 578 | 761 ² | 359 ² | 235 ² | — | — | — | — | — | — |
| Leprosy | 185 | 168 | 151 | 145 | 162 | 118 | 146 | 130 | 131 | 129 |
| Leptospirosis | 94 | 110 | 71 | 73 | 93 | 68 | 57 | 41 | 62 | 47 |
| Lymphogranuloma venereum | 250 | 284 | 348 | 365 | 353 | 394 | 408 | 756 | 692 | 612 |
| Malaria | 894 | 731 | 547 | 471 | 373 | 293 | 237 | 742 | 2,375 | 3,051 |
| Measles (rubeola) | 13,597 | 26,871 | 57,345 | 41,126 | 24,374 | 22,094 | 26,690 | 32,275 | 75,290 | 47,351 |
| Meningococcal infections, total | 2,724 | 2,505 | 1,828 | 1,605 | 1,478 | 1,346 | 1,378 | 1,323 | 2,262 | 2,505 |
| Mumps | 14,225 | 16,817 | 21,436 | 38,492 | 59,647 | 59,128 | 69,612 | 74,215 | 124,939 | 104,953 |
| Pertussis (whooping cough) | 1,623 | 2,063 | 2,177 | 1,010 | 1,738 | 2,402 | 1,759 | 3,287 | 3,036 | 4,249 |
| Plague | 13 | 12 | 18 | 16 | 20 | 8 | 2 | 1 | 2 | 13 |
| Poliomyelitis, total | 34 | 15 | 18 | 14 | 8 | 7 | 8 | 31 | 21 | 33 |
| Paralytic | 26 | 9 | 17 | 12 | 8 | 7 | 7 | 29 | 17 | 31 |
| Psittacosis | 137 | 140 | 94 | 78 | 49 | 164 | 33 | 52 | 32 | 35 |
| Rabies, animal | 5,119 ¹ | 3,254 ¹ | 3,130 | 3,073 | 2,627 | 3,151 | 3,640 | 4,369 | 4,310 | 3,224 |
| Rabies, human | 4 | 4 | 1 | 2 | 2 | — | 1 | 2 | 2 | 3 |
| Rheumatic fever, acute | 629 | 851 | 1,738 | 1,865 | 2,854 | 2,431 | 2,560 | 2,614 | 2,793 | 3,227 |
| Rubella (German measles) | 11,795 | 18,269 | 20,395 | 12,491 | 16,652 | 11,917 | 27,804 | 25,507 | 45,086 | 56,552 |
| Rubella congenital syndrome | 62 | 30 | 23 | 30 | 30 | 45 | 35 | 42 | 68 | 77 |
| Salmonellosis, excluding typhoid fever | 33,138 | 29,410 | 27,850 | 22,937 | 22,612 | 21,980 | 23,818 | 22,151 | 21,928 | 22,096 |
| Shigellosis | 20,135 | 19,511 | 16,052 | 13,140 | 16,584 | 22,600 | 22,642 | 20,207 | 16,143 | 13,845 |
| Smallpox | — | — | — | — | — | — | — | — | — | — |
| Syphilis, primary and secondary | 24,874 | 21,656 | 20,399 | 23,731 | 25,561 | 25,385 | 24,825 | 24,429 | 23,783 | 21,982 |
| Total all stages | 67,049 | 64,875 | 64,621 | 71,761 | 80,356 | 83,771 | 87,469 | 91,149 | 95,997 | 91,382 |
| Tetanus | 81 | 86 | 87 | 75 | 102 | 101 | 101 | 128 | 116 | 148 |
| Trichinosis | 157 | 67 | 143 | 115 | 252 | 120 | 102 | 89 | 103 | 109 |
| Tuberculosis ³ | 27,669 | 28,521 | 30,145 | 32,105 | 33,989 | 30,122 | 30,998 | 32,882 | 35,217 | 37,137 |
| Tularemia | 196 | 141 | 165 | 157 | 129 | 144 | 171 | 152 | 187 | 172 |
| Typhoid fever (cases) | 528 | 505 | 398 | 419 | 375 | 437 | 680 | 398 | 407 | 346 |
| (Carriers) | 71 | 62 | — | — | — | — | NA | — | — | — |
| Typhus fever, flea-borne (endemic, murine) | 69 | 46 | 75 | 69 | 44 | 26 | 32 | 18 | 23 | 27 |
| Typhus fever, tick-borne (Rocky Mountain spotted) | 1,070 | 1,063 | 1,153 | 937 | 844 | 754 | 668 | 523 | 432 | 380 |
| Yellow fever | — | — | — | — | — | — | — | — | — | — |

¹ Provisional data.

² Corrected data.

³ Case data subsequent to 1974 are not comparable to prior years due to changes in reporting criteria which became effective in 1975.

^{*} Not previously notifiable nationally.

NOTIFIABLE DISEASES — Summary of reported cases per 100,000 population, United States, 1970-1979

| Disease | 1979 | 1978 | 1977 | 1976 | 1975 | 1974 | 1973 | 1972 | 1971 | 1970 |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Amebiasis | 1.90 | 1.84 | 1.41 | 1.35 | 1.30 | 1.30 | 1.07 | 1.06 | 1.33 | 1.42 |
| Anthrax | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Aseptic meningitis | 4.05 | 3.01 | 2.24 | 1.64 | 2.10 | 1.53 | 2.33 | 2.23 | 2.51 | 3.18 |
| Botulism, total | 0.02 | 0.05 | 0.06 | 0.03 | 0.01 | 0.01 | 0.02 | 0.01 | 0.01 | 0.01 |
| Foodborne | 0.01 | 0.03 | 0.04 | 0.01 | 0.01 | 0.01 | 0.02 | 0.01 | 0.01 | 0.01 |
| Infant | 0.01 | 0.02 | 0.02 | 0.01 | 0.00 | — | — | — | — | — |
| Brucellosis (undulant fever) | 0.10 | 0.08 | 0.11 | 0.14 | 0.15 | 0.11 | 0.10 | 0.09 | 0.09 | 0.10 |
| Chancroid | 0.38 | 0.24 | 0.21 | 0.29 | 0.33 | 0.46 | 0.56 | 0.68 | 0.64 | 0.70 |
| Chickenpox | 102.93 | 80.42 | 97.63 | 96.06 | 78.11 | 72.20 | 97.68 | 87.34 | — | — |
| Cholera | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Diphtheria | 0.03 | 0.03 | 0.04 | 0.06 | 0.14 | 0.13 | 0.11 | 0.07 | 0.10 | 0.21 |
| Encephalitis, primary | 0.15 | 0.13 | 0.16 | 0.25 | 1.11 | 1.10 | 0.08 | 0.08 | 0.16 | 0.12 |
| Indeterminate | 0.54 | 0.49 | 0.50 | 0.52 | 0.80 | 0.45 | 0.69 | 0.43 | 0.58 | 0.72 |
| Post childhood infections | 0.04 | 0.04 | 0.06 | 0.08 | 0.11 | 0.10 | 0.17 | 0.12 | 0.21 | 0.20 |
| Gonorrhea | 459.44 | 468.25 | 466.83 | 470.47 | 472.91 | 432.12 | 404.92 | 371.62 | 328.11 | 298.52 |
| Granuloma inguinale | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.02 | 0.03 | 0.04 | 0.04 | 0.06 |
| Hepatitis A | 13.82 | 13.53 | 14.40 | 15.51 | 16.82 | 19.54 | 24.18 | 25.97 | 28.90 | 27.87 |
| Hepatitis B | 7.02 | 6.89 | 7.78 | 7.14 | 6.30 | 5.15 | 4.03 | 4.52 | 4.74 | 4.08 |
| Hepatitis, unspecified | 4.79 | 4.02 | 3.99 | 3.57 | 3.44 | 3.95 | — | — | — | — |
| Legionellosis | 0.26 | 0.35 | 0.17 | 0.11 | — | — | — | — | — | — |
| Leprosy | 0.08 | 0.08 | 0.07 | 0.07 | 0.08 | 0.06 | 0.07 | 0.06 | 0.06 | 0.06 |
| Leptospirosis | 0.04 | 0.05 | 0.03 | 0.03 | 0.04 | 0.03 | 0.03 | 0.02 | 0.03 | 0.02 |
| Lymphogranuloma venereum | 0.11 | 0.13 | 0.16 | 0.17 | 0.17 | 0.19 | 0.20 | 0.37 | 0.34 | 0.30 |
| Malaria | 0.11 | 0.34 | 0.25 | 0.22 | 0.18 | 0.14 | 0.11 | 0.36 | 1.15 | 1.50 |
| Measles (rubeola) | 6.18 | 12.32 | 26.51 | 19.16 | 11.44 | 10.45 | 12.72 | 15.50 | 36.50 | 23.23 |
| Meningococcal infections, total | 1.24 | 1.15 | 0.84 | 0.75 | 0.69 | 0.64 | 0.66 | 0.64 | 1.10 | 1.23 |
| Mumps | 6.55 | 7.81 | 10.02 | 17.93 | 27.99 | 29.00 | 36.23 | 38.42 | 65.33 | 55.55 |
| Pertussis (whooping cough) | 0.74 | 0.95 | 1.02 | 0.47 | 0.82 | 1.15 | 0.84 | 1.58 | 1.47 | 2.08 |
| Plague | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 |
| Polio myelitis, total | 0.02 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.02 |
| Paralytic | 0.01 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.02 |
| Psittacosis | 0.06 | 0.06 | 0.04 | 0.04 | 0.02 | 0.08 | 0.02 | 0.02 | 0.02 | 0.02 |
| Rabies, human | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Rheumatic fever, acute | 0.44 | 0.60 | 1.23 | 1.32 | 2.01 | 1.79 | 1.92 | 2.01 | 2.16 | 2.45 |
| Rubella (German measles) | 5.36 | 8.38 | 9.43 | 5.82 | 7.81 | 5.64 | 13.25 | 12.25 | 21.86 | 27.75 |
| Rubella congenital syndrome | 0.03 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | 0.03 | 0.04 |
| Salmonellosis, excluding typhoid fever | 15.06 | 13.49 | 12.87 | 10.74 | 10.61 | 10.40 | 11.35 | 10.64 | 10.63 | 10.84 |
| Shigellosis | 9.15 | 8.95 | 7.42 | 6.15 | 7.78 | 10.69 | 10.79 | 9.70 | 7.83 | 6.79 |
| Smallpox | — | — | — | — | — | — | — | — | — | — |
| Syphilis, primary and secondary | 11.38 | 10.00 | 9.50 | 11.14 | 12.09 | 12.11 | 11.93 | 11.83 | 11.64 | 10.94 |
| Total all stages | 30.68 | 30.00 | 30.10 | 33.69 | 38.00 | 39.95 | 42.03 | 44.15 | 46.99 | 45.46 |
| Tetanus | 0.04 | 0.04 | 0.04 | 0.03 | 0.05 | 0.05 | 0.05 | 0.06 | 0.06 | 0.07 |
| Trichinosis | 0.07 | 0.03 | 0.07 | 0.05 | 0.12 | 0.06 | 0.05 | 0.04 | 0.05 | 0.05 |
| Tuberculosis | 12.57 | 13.08 | 13.93 | 14.96 | 15.95 | 14.25 | 14.77 | 15.79 | 17.07 | 18.22 |
| Tularemia | 0.09 | 0.06 | 0.08 | 0.07 | 0.06 | 0.07 | 0.08 | 0.07 | 0.09 | 0.08 |
| Typhoid fever (cases) | 0.24 | 0.23 | 0.18 | 0.20 | 0.18 | 0.21 | 0.32 | 0.19 | 0.20 | 0.17 |
| (Carriers) | 0.03 | 0.03 | — | — | — | NA | — | — | — | — |
| Typhus fever, flea-borne (endemic, murine) | 0.03 | 0.02 | 0.04 | 0.03 | 0.02 | 0.01 | 0.02 | 0.01 | 0.01 | 0.01 |
| Typhus fever, tick-borne (Rocky Mountain spotted) | 0.49 | 0.49 | 0.53 | 0.44 | 0.40 | 0.36 | 0.32 | 0.25 | 0.21 | 0.19 |
| Yellow fever | — | — | — | — | — | — | — | — | — | — |

Last documented case occurred in 1949

Last indigenous case reported 1911; last imported, 1924

NOTE: Rates less than .01 after rounding are shown as 0.00.

* Not previously notifiable nationally.

NOTIFIABLE DISEASES - Summary of reported cases, United States, 1960-1969

| Disease | 1969 | 1968 | 1967 | 1966 | 1965 | 1964 | 1963 | 1962 | 1961 | 1960 |
|--|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| U.S. total resident population, July 1 estimate (in thousands) | 201,385 | 199,399 | 197,457 | 195,576 | 193,526 | 191,141 | 188,483 | 185,771 | 182,992 | 179,979 |
| Amebiasis | 2,915 | 3,005 | 3,157 | 2,921 | 2,768 | 3,304 | 2,886 | 3,048 | 2,850 | 3,424 |
| Anthrax | 4 | 3 | 2 | 5 | 7 | 5 | 3 | 9 | 14 | 23 |
| Aseptic meningitis | 3,672 | 4,494 | 3,082 | 3,058 | 2,329 | 2,177 | 1,844 | 2,654 | 5,162 | 1,593 |
| Botulism | 16 | 7 | 5 | 9 | 19 | 23 | 47 | 10 | 14 | 12 |
| Brucellosis (undulant fever) | 235 | 218 | 265 | 262 | 262 | 411 | 407 | 409 | 636 | 751 |
| Chancroid | 1,104 | 845 | 784 | 838 | 982 | 1,247 | 1,220 | 1,344 | 1,438 | 1,680 |
| Cholera | - | - | - | - | 2 | - | - | - | - | - |
| Diphtheria | 241 | 260 | 219 | 209 | 164 | 293 | 314 | 444 | 617 | 918 |
| Encephalitis, primary | 1,613 | 1,781 | 1,478 | 2,121 | 1,722 | 2,002 | 1,993 | 2,094 | 2,248 | 2,341 |
| Encephalitis, post-infectious | 304 | 502 | 1,060 | 964 | 981 | 1,585 | - | - | - | - |
| Gonorrhea | 534,872 | 464,543 | 404,836 | 351,738 | 324,925 | 300,666 | 278,289 | 263,714 | 264,158 | 258,933 |
| Granuloma inguinale | 154 | 156 | 154 | 148 | 155 | 135 | 173 | 207 | 241 | 296 |
| Hepatitis, serum | 5,909 | 4,829 | 2,458 | 1,497 | - | - | - | - | - | - |
| Hepatitis, infectious | 48,416 | 45,893 | 38,909 | 32,859 | 33,856 | 37,740 | 42,974 | 53,016 | 72,651 | 41,666 |
| Leprosy | 98 | 123 | 81 | 109 | 96 | 97 | 103 | 80 | 63 | 54 |
| Leptospirosis | 89 | 69 | 67 | 72 | 84 | 142 | 89 | 79 | 71 | 53 |
| Lymphogranuloma venereum | 520 | 485 | 371 | 308 | 878 | 732 | 586 | 590 | 787 | 835 |
| Malaria | 3,102 | 2,317 | 2,022 | 565 | 147 | 93 | 99 | 118 | 73 | 72 |
| Measles (rubella) | 25,826 | 22,231 | 62,705 | 204,136 | 261,904 | 458,083 | 385,156 | 481,530 | 423,919 | 441,703 |
| Meningococcal infections | 2,951 | 2,623 | 2,161 | 3,381 | 3,040 | 2,826 | 2,470 | 2,150 | 2,232 | 2,259 |
| Mumps | 90,918 | 152,209 | - | - | - | - | - | - | - | - |
| Pertussis (whooping cough) | 3,285 | 4,810 | 9,718 | 7,717 | 6,799 | 13,005 | 17,135 | 17,749 | 11,468 | 14,809 |
| Plague | 5 | 3 | 3 | 5 | 8 | - | 1 | - | 3 | 2 |
| Poliomyelitis, total | 20 | 53 | 41 | 113 | 72 | 122 | 449 | 910 | 1,312 | 3,190 |
| Paralytic | 18 | 53 | 40 | 106 | 61 | 106 | 396 | 762 | 988 | 2,525 |
| Psittacosis | 57 | 43 | 41 | 50 | 60 | 53 | 76 | 79 | 102 | 113 |
| Rabies, animal | 3,490 | 3,591 | 4,481 | 4,178 | 4,574 | 4,780 | 3,929 | 3,732 | 3,599 | 3,567 |
| Rabies, human ¹ | 1 | 1 | 2 | 1 | 2 | 1 | 1 | 2 | 3 | 2 |
| Rheumatic fever, acute | 3,229 | 3,470 | 3,985 | 4,472 | 4,998 | 7,491 | 7,561 | 7,977 | 10,470 | 9,022 |
| Rubella (German measles) | 57,686 | 49,371 | 46,888 | 46,975 | - | - | - | - | - | - |
| Rubella congenital syndrome | 31 | 14 | 10 | 11 | - | - | - | - | - | - |
| Salmonellosis, excluding typhoid fever | 18,419 | 16,514 | 18,120 | 16,841 | 17,161 | 17,144 | 15,390 | 9,680 | 8,542 | 6,929 |
| Shigellosis (bacillary dysentery) | 11,946 | 12,180 | 13,474 | 11,888 | 11,027 | 12,984 | 13,009 | 12,443 | 12,571 | 12,487 |
| Smallpox | - | - | - | - | - | - | - | - | - | - |
| Streptococcal sore throat and scarlet fever | 450,008 | 435,013 | 453,351 | 427,752 | 395,168 | 402,334 | 342,161 | 315,809 | 338,410 | 315,173 |
| Syphilis, primary and secondary | 19,130 | 19,019 | 21,053 | 21,414 | 23,338 | 22,969 | 22,251 | 21,067 | 19,851 | 16,145 |
| Total, all stages | 92,162 | 96,271 | 102,581 | 105,159 | 112,842 | 114,325 | 124,137 | 126,245 | 124,658 | 122,538 |
| Tetanus | 192 | 178 | 263 | 235 | 300 | 289 | 325 | 322 | 379 | 368 |
| Trichinosis | 215 | 77 | 66 | 115 | 199 | 198 | 208 | 194 | 306 | 160 |
| Tuberculosis (newly reported active cases) | 39,120 | 42,623 | 45,647 | 47,767 | 49,016 | 50,874 | 54,042 | 53,315 | 53,726 | 55,494 |
| Tularemia | 149 | 186 | 184 | 208 | 264 | 342 | 327 | 328 | 365 | 390 |
| Typhoid fever | 364 | 395 | 396 | 378 | 454 | 501 | 566 | 608 | 814 | 816 |
| Typhus fever, flea-borne (endemic, murine) | 36 | 36 | 52 | 33 | 28 | 30 | 35 | 32 | 46 | 68 |
| Typhus fever, tick-borne (Rocky Mountain spotted) | 498 | 298 | 305 | 268 | 281 | 277 | 216 | 240 | 219 | 204 |
| Yellow fever | - | - | - | - | - | - | - | - | - | - |

¹ Registered deaths, 1960-1961.

Last indigenous case reported 1911; last imported, 1924

^{*} Not previously notifiable nationally.

NOTIFIABLE DISEASES — Summary of reported cases, United States, 1950-1959
(Figures exclude Alaska 1950-1958 and Hawaii, 1950-1959.)

| Disease | 1959 | 1958 | 1957 | 1956 | 1955 | 1954 | 1953 | 1952 | 1951 | 1950 | |
|---|---------|---------|---------|---------|---|---------|---------|---------|---------|---------|--|
| U.S. total resident population, July 1 estimate (in thousands) | 176,513 | 173,320 | 170,371 | 167,306 | 164,308 | 161,164 | 158,242 | 155,687 | 153,310 | 151,235 | |
| Amebiasis | 3,508 | 4,380 | 5,031 | 3,689 | 3,348 | 3,523 | 4,444 | 4,280 | 3,550 | 4,568 | |
| Anthrax | 12 | 16 | 26 | 38 | 39 | 22 | 45 | 47 | 60 | 49 | |
| Botulism | 20 | 6 | 28 | 17 | 16 | 18 | 18 | 18 | 33 | 20 | |
| Brucellosis (undulant fever) | 892 | 924 | 983 | 1,300 | 1,444 | 1,823 | 2,032 | 2,537 | 3,139 | 3,510 | |
| Chancroid | 1,537 | 1,595 | 1,637 | 2,135 | 2,649 | 3,003 | 3,338 | 3,738 | 4,233 | 4,977 | |
| Cholera | — | — | — | — | — | — | — | — | — | — | |
| Dengue | — | — | — | 2 | 1 | 6 | 8 | 5 | 16 | 26 | |
| Diphtheria | 934 | 918 | 1,211 | 1,568 | 1,984 | 2,041 | 2,355 | 2,960 | 3,983 | 5,796 | |
| Encephalitis, acute infectious | 2,437 | 2,587 | 2,135 | 2,624 | 2,166 | 2,606 | 1,935 | 1,912 | 1,123 | 1,135 | |
| Gonorrhoea | 240,254 | 232,386 | 214,496 | 224,346 | 236,197 | 242,050 | 238,340 | 244,957 | 254,470 | 286,746 | |
| Granuloma inguinale | 265 | 314 | 348 | 357 | 490 | 618 | 667 | 951 | 1,352 | 1,783 | |
| Hepatitis, infectious and serum | 23,574 | 16,294 | 14,922 | 19,234 | 31,961 | 50,093 | 33,700 | 17,428 | 7,349 | 2,820 | |
| Leprosy | 44 | 39 | 36 | 52 | 75 | 56 | 60 | 57 | 57 | 44 | |
| Leptospirosis | 83 | 55 | 47 | 44 | 24 | 48 | 42 | 62 | 9 | 30 | |
| Lymphogranuloma venereum | 604 | 434 | 448 | 500 | 762 | 875 | 983 | 1,200 | 1,300 | 1,427 | |
| Malaria | 71 | 85 | 132 | 234 | 522 | 715 | 1,310 | 7,023 | 5,600 | 2,184 | |
| Measles (rubeola) | 406,162 | 763,094 | 486,799 | 611,936 | 555,156 | 682,720 | 449,146 | 683,077 | 530,118 | 319,124 | |
| Meningococcal infections | 2,180 | 2,581 | 2,691 | 2,735 | 3,455 | 4,436 | 5,077 | 4,884 | 4,164 | 3,788 | |
| Pertussis (whooping cough) | 40,005 | 32,148 | 28,295 | 31,732 | 62,786 | 60,886 | 37,129 | 45,030 | 68,687 | 120,718 | |
| Plague | 4 | — | 1 | 1 | — | — | — | — | 1 | 3 | |
| Poliomyelitis | 8,425 | 5,787 | 5,485 | 15,140 | 28,985 | 38,476 | 35,592 | 57,879 | 28,386 | 33,300 | |
| Paralytic | 6,289 | 3,697 | 2,499 | 7,911 | 13,850 | 18,308 | 15,648 | 21,269 | 10,037 | — | |
| Psittacosis | 147 | 158 | 278 | 568 | 334 | 563 | 169 | 135 | 25 | 26 | |
| Rabies, human ¹ | 7 | 5 | 5 | 10 | 4 | 13 | 12 | 24 | 18 | 18 | |
| Rabies, animal ² | 4,177 | 4,787 | 4,542 | 5,681 | 5,799 | 7,297 | 8,903 | 8,445 | 8,008 | 7,901 | |
| Rheumatic fever, acute | 8,285 | 6,889 | 6,427 | 6,562 | — | — | — | — | — | — | |
| Salmonellosis, excluding typhoid fever | 6,606 | 6,363 | 6,693 | 6,704 | 5,447 | 5,375 | 3,946 | 2,596 | 1,773 | 1,233 | |
| Shigellosis | 12,888 | 11,861 | 9,822 | 10,306 | 13,912 | 13,846 | 16,533 | 23,197 | 32,215 | 23,367 | |
| Smallpox | — | — | — | — | Last documented case occurred in 1949 | | | | | | |
| Streptococcal sore throat and scarlet fever | 334,715 | 264,097 | 226,973 | 176,392 | 147,502 | 147,785 | 132,935 | 113,677 | 84,151 | 64,494 | |
| Syphilis, primary and secondary | 9,799 | 7,176 | 6,576 | 6,392 | 6,454 | 7,147 | 8,637 | 10,449 | 14,485 | 23,939 | |
| Total, all stages | 120,824 | 113,884 | 123,758 | 130,201 | 122,392 | 130,697 | 148,573 | 167,762 | 174,924 | 217,558 | |
| Tetanus | 445 | 445 | 447 | 468 | 462 | 524 | 506 | 484 | 506 | 486 | |
| Trichinosis | 227 | 176 | 178 | 262 | 264 | 277 | 395 | 367 | 393 | 327 | |
| Tuberculosis ³ | 57,535 | 63,534 | 67,149 | 69,895 | 77,368 | 79,775 | 84,304 | 86,700 | 118,491 | 121,742 | |
| Tularemia | 459 | 587 | 601 | 522 | 584 | 681 | 601 | 668 | 702 | 927 | |
| Typhoid fever | 859 | 1,043 | 1,231 | 1,700 | 1,704 | 2,169 | 2,252 | 2,341 | 2,128 | 2,484 | |
| Typhus fever, flea-borne (endemic, murine) | 51 | 71 | 113 | 98 | 135 | 163 | 221 | 205 | 378 | 685 | |
| Typhus fever, tick-borne (Rocky Mountain spotted) | 199 | 243 | 240 | 293 | 295 | 294 | 313 | 327 | 347 | 464 | |
| Yellow fever | — | — | — | — | Last indigenous case reported 1911; last imported, 1924 | | | | | | |

¹ Registered deaths.

² Data from Agricultural Research Service, U.S. Department of Agriculture, 1950-1951.

³ Includes newly reported active and inactive cases 1950 and 1951; new active cases 1952-1959.

^{*} Not previously notifiable nationally.

NOTIFIABLE DISEASES — Summary of reported cases, United States, 1940-1949

| Disease | 1949 | 1948 | 1947 | 1946 | 1945 | 1944 | 1943 | 1942 | 1941 | 1940 |
|---|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| U.S. total resident population, July 1 estimate (in thousands) | 148,665 | 146,093 | 143,446 | 140,054 | 132,481 | 132,885 | 134,245 | 133,920 | 133,121 | 131,954 |
| Amebiasis | 5,543 | 4,871 | 3,365 | 4,093 | 3,412 | 3,241 | 3,329 | 2,721 | 3,201 | 3,033 |
| Anthrax | 54 | 60 | 69 | 40 | 40 | 49 | 72 | 94 | 104 | 76 |
| Botulism | 24 | 39 | 44 | — | — | — | NA | — | — | — |
| Brucellosis (undulant fever) | 4,235 | 4,991 | 6,321 | 5,887 | 5,049 | 4,436 | 3,733 | 3,228 | 3,484 | 3,310 |
| Chancroid ¹ | 6,707 | 7,661 | 9,515 | 7,091 | 5,515 | 7,878 | 8,354 | 5,477 | 3,384 | NA |
| Cholera | — | — | — | — | — | — | — | — | — | — |
| Dengue | 46 | 24 | 35 | 40 | 106 | 61 | 123 | 171 | 600 | 66 |
| Diphtheria | 7,969 | 9,493 | 12,262 | 16,354 | 18,675 | 14,150 | 14,811 | 16,260 | 17,987 | 15,536 |
| Encephalitis, acute infectious | 903 | 730 | 785 | 728 | 785 | 788 | 771 | 666 | 3,516 | 1,030 |
| Gonorrhoea ¹ | 317,950 | 345,501 | 380,666 | 368,020 | 287,181 | 300,676 | 275,070 | 212,403 | 193,468 | 175,841 |
| Granuloma inguinale ¹ | 2,402 | 2,469 | 2,330 | 2,232 | 1,857 | 1,759 | 1,748 | 1,278 | 639 | NA |
| Hepatitis, infectious | 2,027 | 709 | 1,092 | — | — | NA | — | — | — | — |
| Leprosy | 41 | 63 | 56 | 43 | 40 | 37 | 35 | 70 | NA | NA |
| Leptospirosis | 17 | 18 | 14 | — | — | — | — | — | — | — |
| Lymphogranuloma venereum ¹ | 1,925 | 2,429 | 2,526 | 2,603 | 2,631 | 2,858 | 2,593 | 1,888 | 1,381 | NA |
| Malaria | 4,151 | 9,606 | 15,116 | 48,610 | 62,763 | 57,626 | 54,554 | 60,077 | 68,074 | 78,129 |
| Measles | 625,281 | 615,104 | 222,375 | 695,843 | 146,013 | 630,291 | 633,627 | 547,413 | 894,134 | 291,162 |
| Meningococcal infections | 3,519 | 3,376 | 3,420 | 5,693 | 8,208 | 16,312 | 18,223 | 3,823 | 2,006 | 1,653 |
| Pertussis (whooping cough) | 69,479 | 74,715 | 156,517 | 109,860 | 133,792 | 109,873 | 191,890 | 191,383 | 222,202 | 183,866 |
| Plague | 3 | — | 1 | — | — | 1 | 1 | 1 | 2 | 1 |
| Poliomyelitis, acute | 42,033 | 27,726 | 10,827 | 25,698 | 13,624 | 19,029 | 12,450 | 4,167 | 9,086 | 9,804 |
| Psittacosis | 35 | 32 | 27 | 26 | 27 | 6 | 1 | 23 | 11 | NA |
| Rabies, human ² | 10 | 24 | 26 | 34 | 43 | 56 | 47 | 36 | 39 | 41 |
| Rabies, animal ³ | 7,587 | 8,495 | 8,920 | 10,850 | 9,928 | 10,487 | 9,649 | 7,137 | 7,847 | 7,210 |
| Rheumatic fever | — | — | — | — | — | — | — | — | — | — |
| Salmonellosis | — | — | — | — | — | — | — | — | — | — |
| Shigellosis (bacillary dysentery) | — | — | — | — | — | — | — | — | — | — |
| Smallpox | 29,080 | 23,753 | 17,048 | 24,286 | 34,943 | 38,230 | 31,590 | 25,572 | 18,972 | 17,501 |
| Streptococcal sore throat and scarlet fever | 49 | 57 | 176 | 337 | 346 | 397 | 765 | 865 | 1,396 | 2,795 |
| Streptococcal sore throat and scarlet fever | 87,220 | 91,295 | 93,595 | 125,511 | 185,570 | 200,539 | 150,362 | 135,755 | 139,424 | 165,766 |
| Syphilis, primary and secondary ¹ | 41,942 | 68,174 | 93,545 | 94,957 | 77,007 | 78,443 | 82,204 | 75,312 | 68,231 | NA |
| Total, all stages ¹ | 256,463 | 314,313 | 355,592 | 363,647 | 359,114 | 467,755 | 575,593 | 479,601 | 485,560 | 472,900 |
| Tetanus | 579 | 601 | 560 | — | — | — | — | — | — | — |
| Trichinosis | 353 | 487 | 451 | — | — | — | — | — | — | — |
| Tuberculosis ⁴ | 134,865 | 137,006 | 134,946 | 119,256 | 114,931 | 126,294 | 120,253 | 117,204 | 105,567 | 102,984 |
| Tularemia | 1,179 | 1,086 | 1,401 | 1,355 | 900 | 781 | 966 | 1,024 | 1,530 | 1,620 |
| Typhoid fever ⁵ | 2,795 | 2,840 | 3,075 | 3,268 | 4,211 | 4,599 | 4,690 | 5,595 | 8,601 | 9,809 |
| Typhus fever, flea-borne (endemic, murine) | 985 | 1,171 | 2,050 | 3,365 | 5,183 | 5,401 | 4,528 | 3,736 | 2,784 | 1,878 |
| Typhus fever, tick-borne (Rocky Mountain spotted) | 570 | 547 | 596 | 587 | 472 | 470 | 473 | 498 | 516 | 457 |
| Yellow fever | — | — | — | — | — | — | — | — | — | — |

Last indigenous case reported 1911; last imported 1924

¹ Data reported for fiscal years 1940-1946; calendar years 1947-1949.² Registered deaths.³ Data from Bureau of Animal Industry, U.S. Department of Agriculture, Agricultural Research Administration.⁴ Includes newly reported active and inactive cases.⁵ Includes cases of paratyphoid for 1940 and 1941.

NOTIFIABLE DISEASES — Summary of reported cases, United States, 1930-1939

| Disease | 1939 | 1938 | 1937 | 1936 | 1935 | 1934 | 1933 | 1932 | 1931 | 1930 |
|---|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| U.S. total resident population, July 1 estimate (in thousands) | 130,880 | 129,825 | 128,825 | 128,053 | 127,250 | 126,374 | 125,579 | 124,840 | 124,040 | 123,077 |
| Amebiasis | 3,001 | 2,297 | 2,049 | 1,618 | 1,619 | 2,583 | 1,986 | NA | NA | 82 |
| Anthrax | 54 | 52 | 65 | 77 | 61 | 65 | 59 | 48 | 65 | 82 |
| Botulism | | | | | NA | | | | | |
| Brucellosis (undulant fever) | 3,501 | 4,379 | 2,676 | 2,099 | 2,008 | 2,017 | 1,788 | 1,520 | 1,575 | 1,455 |
| Chancroid | | | | | NA | | | | | |
| Cholera | — | | | | NA | | | | | |
| Dengue | 144 | 250 | 350 | 227 | 582 | 5,457 | 304 | 146 | 201 | 203 |
| Diphtheria | 24,053 | 30,508 | 28,536 | 30,018 | 39,226 | 43,156 | 50,462 | 59,879 | 70,839 | 66,576 |
| Encephalitis, acute infectious | 928 | 1,073 | 1,030 | 830 | 1,047 | 1,509 | 3,340 | 702 | 656 | 715 |
| Gonorrhoea | 182,314 | 198,439 | 182,460 | 163,465 | 162,763 | 153,542 | 149,823 | 154,051 | 155,895 | 156,875 |
| Granuloma inquinale | | | | | NA | | | | | |
| Hepatitis, infectious | | | | | NA | | | | | |
| Leprosy | | | | | NA | | | | | |
| Leptospirosis | | | | | NA | | | | | |
| Lymphogranuloma venereum | | | | | NA | | | | | |
| Malaria | 82,654 | 84,205 | 108,459 | 133,927 | 137,513 | 133,226 | 125,556 | 68,613 | 70,362 | 98,491 |
| Measles | 403,317 | 822,811 | 321,510 | 299,614 | 743,856 | 799,455 | 400,894 | 403,493 | 474,879 | 419,465 |
| Meningococcal infections | 1,972 | 2,859 | 5,484 | 7,320 | 5,873 | 2,470 | 2,913 | 3,154 | 5,517 | 8,384 |
| Pertussis (whooping cough) | 183,188 | 227,319 | 214,652 | 147,237 | 180,518 | 265,269 | 179,135 | 215,343 | 172,559 | 166,914 |
| Plague | 1 | — | 2 | 4 | — | 2 | 1 | — | — | — |
| Poliomyelitis, acute | 7,343 | 1,705 | 9,514 | 4,523 | 10,839 | 7,510 | 5,043 | 3,820 | 15,872 | 9,220 |
| Psittacosis | | | | | NA | | | | | |
| Rabies, human ² | 40 | 66 | 59 | 73 | 77 | 80 | 65 | 54 | 55 | 59 |
| Rabies, animal ³ | 9,365 | 6,816 | 6,632 | 4,853 | 5,022 | 5,455 | 4,099 | 2,278 | 2,537 | 3,002 |
| Rheumatic fever | | | | | NA | | | | | |
| Salmonellosis | | | | | NA | | | | | |
| Shigellosis (bacillary dysentery) | 16,537 | 15,886 | | | NA | | | | | |
| Smallpox | 9,877 | 14,939 | 11,673 | 7,834 | 7,957 | 5,371 | 6,491 | 11,224 | 30,233 | 48,907 |
| Streptococcal sore throat and scarlet fever | 173,162 | 198,428 | 236,361 | 250,487 | 268,542 | 227,495 | 218,966 | 215,613 | 206,299 | 177,837 |
| Syphilis | | | | | | | | | | |
| Total, all stages ¹ | 478,738 | 480,140 | 336,258 | 267,717 | 255,856 | 231,129 | 238,656 | 242,128 | 229,720 | 213,309 |
| Tetanus | | | | | NA | | | | | |
| Trichinosis | | | | | NA | | | | | |
| Tuberculosis ⁴ | 103,922 | 107,021 | 112,394 | 107,086 | 111,856 | 113,020 | 114,412 | 121,961 | 124,858 | 124,940 |
| Tularemia | 2,291 | 2,088 | 960 | 891 | 782 | 917 | 895 | 945 | 675 | 661 |
| Typhoid fever ⁵ | 13,069 | 14,903 | 16,033 | 15,898 | 18,355 | 22,217 | 23,349 | 26,666 | 26,548 | 27,201 |
| Typhus fever, flea-borne (endemic, murine) | 2,996 | 2,294 | 2,394 | 1,733 | 1,287 | 1,375 | 2,070 | 956 | 333 | 511 |
| Typhus fever, tick-borne (Rocky Mountain spotted) | 559 | 434 | 432 | 365 | 492 | 456 | 471 | 443 | 262 | 197 |
| Yellow fever | | | | | | | | | | |

Last indigenous case reported 1911; last imported, 1924

¹ Data reported for fiscal years.

² Registered deaths.

³ Data from Bureau of Animal Industry, U.S. Department of Agriculture, Agricultural Research Administration.

⁴ Includes newly reported active and inactive cases.

⁵ Includes cases of paratyphoid.

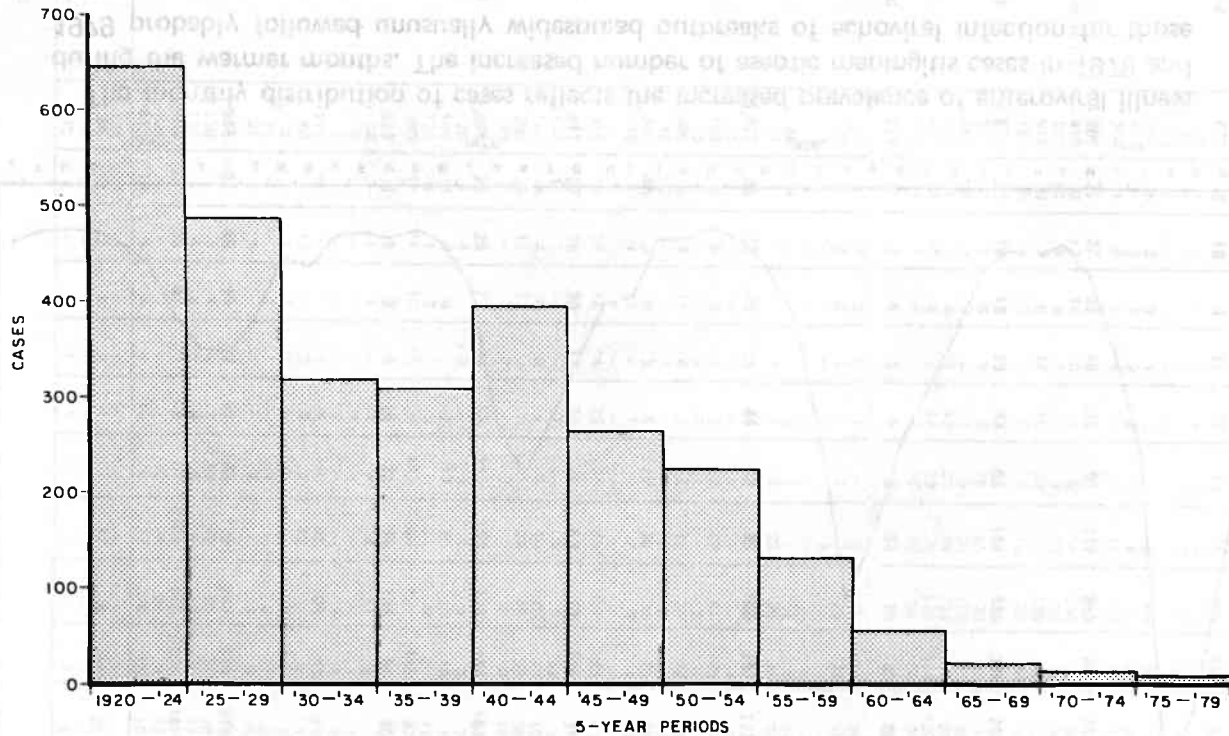
SECTION 2:

Additional Analysis of Notifiable Diseases in the United States



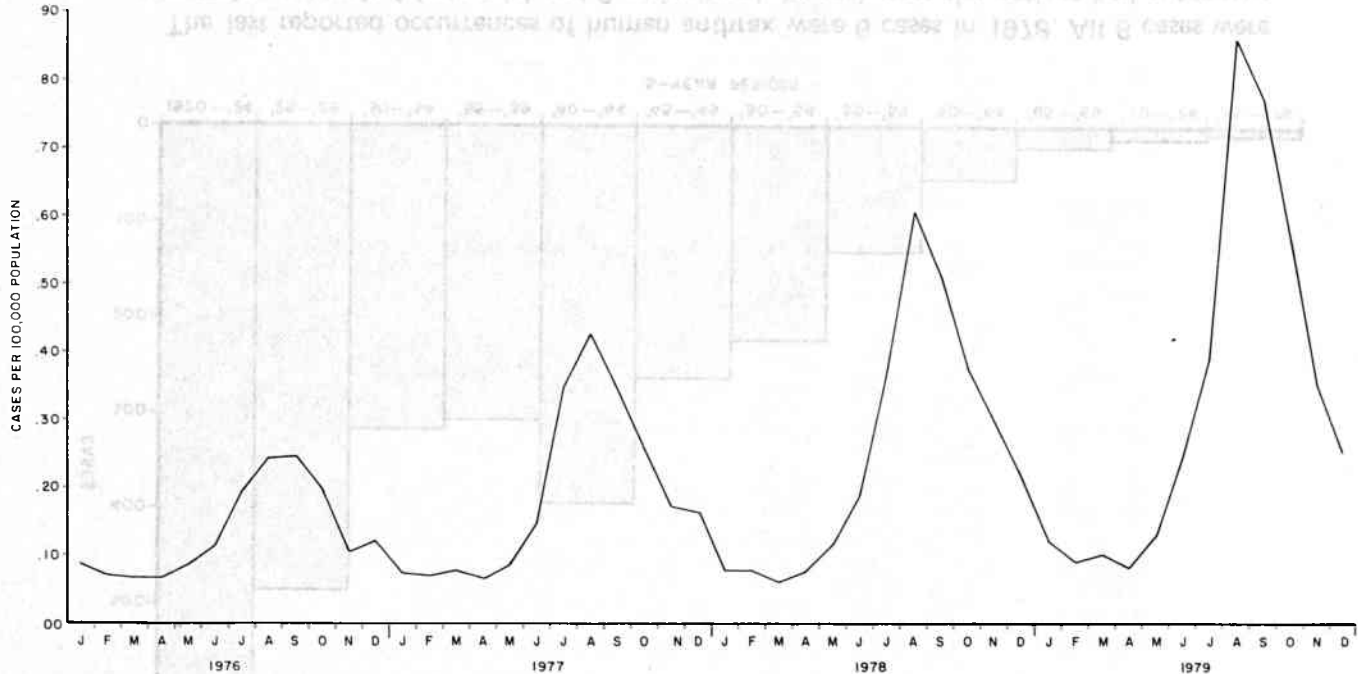
The top line represents the number of reported cases of the disease in 1978. All figures were
 calculated on the basis of the data for 1978. The bottom line represents the number of reported cases of the disease in 1977. In each case, the number of reported cases is given in parentheses.

ANTHRAX — Reported cases in humans by 5-year period, United States, 1920-1979



The last reported occurrences of human anthrax were 6 cases in 1978. All 6 cases were occupation related: 4 industrial and 2 agricultural. In each case the patient had cutaneous anthrax; all 6 recovered.

ASEPTIC MENINGITIS — Reported case rates by month, United States, 1976-1979

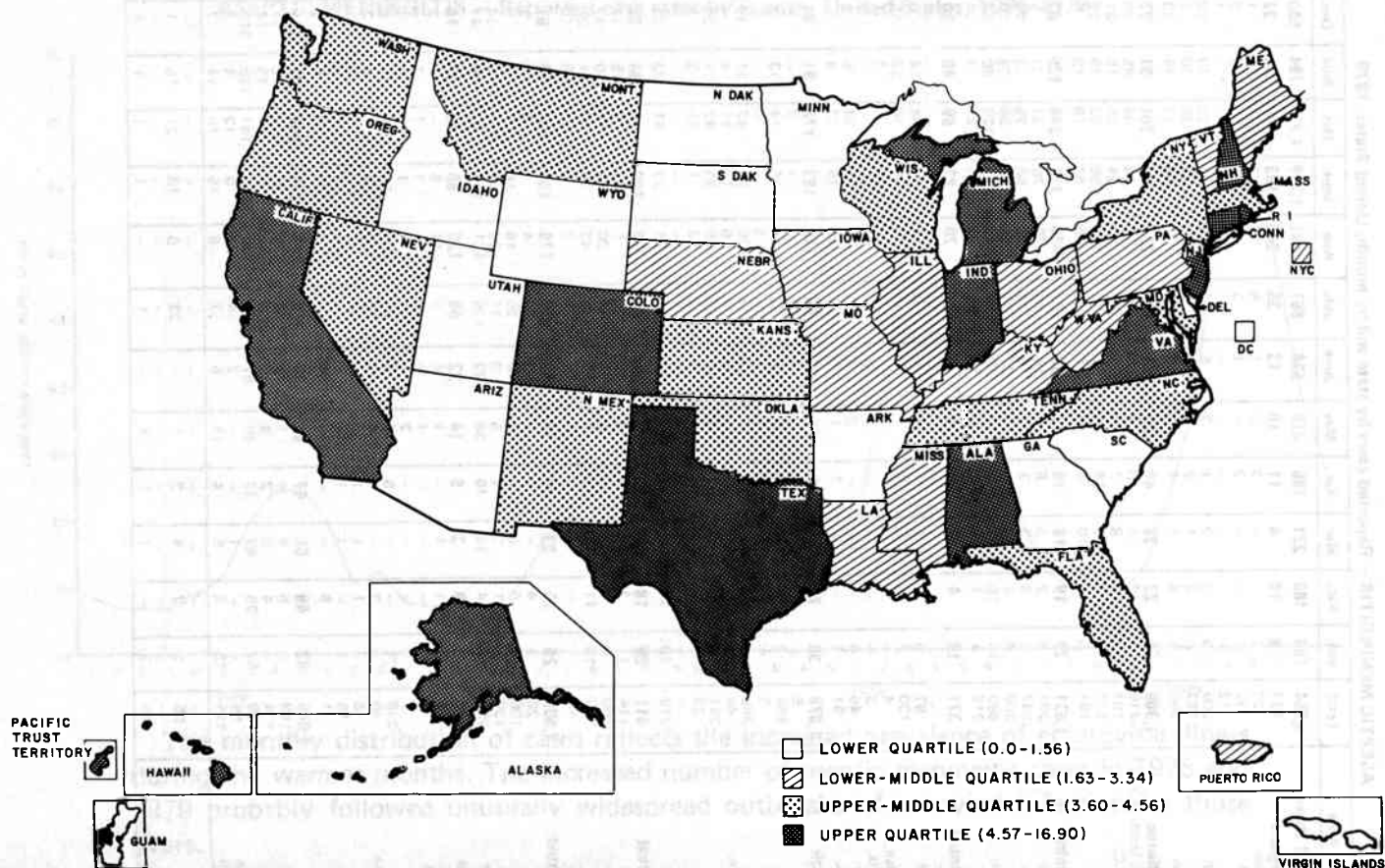


The monthly distribution of cases reflects the increased prevalence of enteroviral illness during the warmer months. The increased number of aseptic meningitis cases in 1978 and 1979 probably followed unusually widespread outbreaks of echoviral infection for those years.

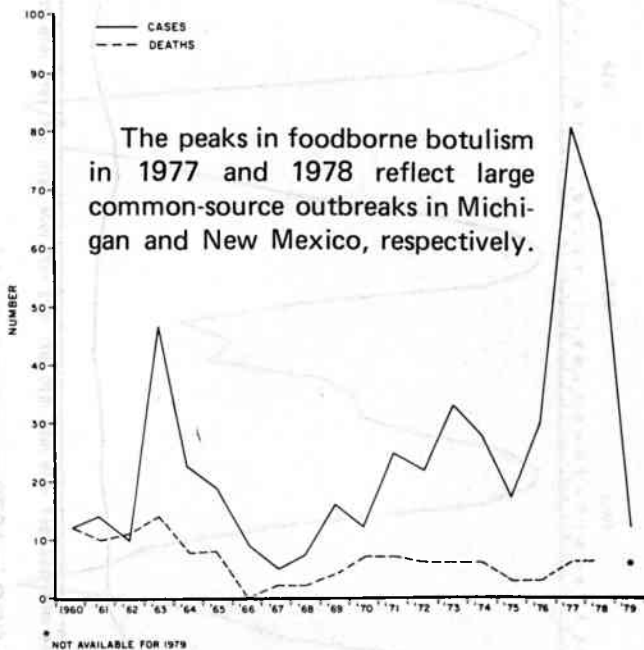
ASEPTIC MENINGITIS — Reported cases by state and by month, United States, 1979

| Area | Total | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Unk. |
|-------------------------|--------------|------------|------------|------------|------------|------------|------------|------------|--------------|--------------|--------------|------------|------------|-----------|
| United States | 8,754 | 264 | 189 | 221 | 186 | 276 | 536 | 861 | 1,891 | 1,706 | 1,230 | 784 | 580 | 30 |
| New England | 677 | 8 | 10 | 4 | 11 | 10 | 13 | 35 | 248 | 193 | 68 | 45 | 32 | — |
| Maine | 27 | 1 | — | — | 2 | 5 | 1 | 6 | 5 | 4 | 1 | 1 | 1 | — |
| N. H. | 72 | 1 | — | — | 2 | — | 1 | 3 | 23 | 32 | 4 | 3 | 3 | — |
| Vt. | 12 | — | — | — | — | — | — | 7 | 4 | — | — | — | — | — |
| Mass. | 209 | 5 | 2 | 2 | 1 | 2 | 5 | 5 | 65 | 67 | 26 | 17 | 12 | — |
| R.I. | 157 | — | 2 | 1 | 2 | 2 | 3 | 8 | 75 | 32 | 20 | 10 | 2 | — |
| Conn. | 200 | 1 | 6 | 1 | 4 | 1 | 3 | 13 | 73 | 54 | 17 | 14 | 13 | — |
| Mid. Atlantic | 1,309 | 31 | 27 | 38 | 40 | 25 | 61 | 117 | 352 | 244 | 201 | 91 | 72 | 10 |
| N. Y. (excl. N. Y. C.) | 419 | 8 | 12 | 14 | 10 | 2 | 9 | 14 | 116 | 73 | 96 | 45 | 20 | — |
| N. Y. C. | 187 | 10 | 4 | 8 | 7 | 3 | 7 | 12 | 31 | 24 | 35 | 15 | 31 | — |
| N. J. | 512 | 8 | 7 | 6 | 14 | 15 | 37 | 72 | 170 | 96 | 52 | 19 | 16 | — |
| Pa. | 191 | 5 | 4 | 10 | 9 | 5 | 8 | 19 | 35 | 51 | 18 | 12 | 5 | 10 |
| S. Central | 1,631 | 29 | 19 | 18 | 19 | 43 | 68 | 164 | 448 | 375 | 246 | 139 | 62 | — |
| Ohio | 271 | 3 | 2 | 5 | 8 | 4 | 16 | 40 | 70 | 76 | 31 | 11 | 5 | — |
| Ind. | 247 | 5 | 3 | 3 | 2 | 7 | 5 | 36 | 78 | 60 | 25 | 13 | 10 | — |
| Ill. | 306 | 4 | 3 | 4 | 1 | 13 | 27 | 34 | 74 | 70 | 38 | 28 | 10 | — |
| Mich. | 592 | 16 | 10 | 6 | 7 | 17 | 10 | 36 | 135 | 114 | 128 | 80 | 33 | — |
| Wis. | 215 | 1 | 1 | — | 1 | 2 | 10 | 18 | 92 | 55 | 24 | 7 | 4 | — |
| N. Central | 371 | 18 | 4 | 5 | 3 | 5 | 8 | 30 | 70 | 83 | 69 | 46 | 30 | — |
| Minn. | 97 | 6 | 2 | 3 | — | 1 | — | 6 | 14 | 21 | 24 | 14 | 6 | — |
| Iowa | 130 | 7 | 2 | 2 | 2 | 1 | 2 | 1 | 20 | 38 | 18 | 22 | 15 | — |
| Mo. | 4 | — | — | — | — | — | — | 1 | — | 1 | — | 1 | 1 | — |
| N. Dak. | 3 | — | — | — | — | — | — | — | — | — | — | — | 3 | — |
| S. Dak. | 46 | 4 | — | — | — | 2 | 1 | — | 7 | 8 | 14 | 5 | 5 | — |
| Nebr. | 91 | 1 | — | — | 1 | 1 | 5 | 22 | 29 | 15 | 13 | 4 | — | — |
| Kans. | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Atlantic | 1,078 | 38 | 28 | 45 | 25 | 44 | 92 | 148 | 193 | 172 | 91 | 84 | 19 | — |
| Del. | 5 | — | — | — | — | — | 1 | 1 | — | 1 | 2 | — | — | — |
| Md. | 164 | 2 | 6 | 8 | 4 | 3 | 6 | 22 | 41 | 35 | 14 | 13 | 3 | 7 |
| D.C. | 5 | — | — | — | — | 1 | 1 | — | 3 | — | — | — | — | — |
| Va. | 266 | 9 | 4 | 11 | 4 | 3 | 33 | 15 | 26 | 74 | 47 | 21 | 19 | — |
| W. Va. | 46 | 2 | — | 1 | 1 | — | — | 2 | 5 | 16 | 11 | 4 | 4 | — |
| N.C. | 241 | 15 | 3 | 8 | 2 | 8 | 10 | 26 | 39 | 33 | 47 | 27 | 23 | — |
| S.C. | 32 | — | 1 | — | — | 1 | 6 | 2 | 3 | 1 | 10 | 3 | 4 | — |
| Ga. | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Fla. | 319 | 10 | 14 | 16 | 14 | 28 | 35 | 31 | 31 | 33 | 41 | 23 | 31 | 12 |
| S. Central | 611 | 30 | 18 | 20 | 13 | 18 | 30 | 63 | 72 | 120 | 76 | 84 | 67 | — |
| Ky. | 114 | 11 | 3 | — | — | 7 | 10 | 9 | 5 | 32 | 8 | 15 | 14 | — |
| Tenn. | 160 | 4 | 4 | 6 | 8 | 4 | 6 | 19 | 20 | 43 | 19 | 10 | 17 | — |
| Ala. | 289 | 15 | 11 | 12 | 3 | 7 | 11 | 33 | 45 | 36 | 39 | 51 | 26 | — |
| Miss. | 48 | — | — | 2 | 2 | — | 3 | 2 | 2 | 9 | 10 | 8 | 10 | — |
| S. Central | 1,009 | 25 | 25 | 23 | 19 | 50 | 157 | 159 | 179 | 154 | 104 | 53 | 61 | — |
| Ark. | 26 | 1 | 4 | — | 2 | — | 3 | 4 | 4 | 2 | 3 | 2 | 1 | — |
| La. | 106 | 4 | 6 | 8 | — | 7 | 13 | 20 | 16 | 16 | 7 | 4 | 5 | — |
| Okla. | 124 | 1 | 1 | 2 | 1 | 5 | 9 | 11 | 38 | 24 | 11 | 7 | 14 | — |
| Texas | 753 | 19 | 14 | 13 | 16 | 38 | 132 | 124 | 121 | 112 | 83 | 40 | 41 | — |
| Mountain | 423 | 3 | 9 | 3 | 9 | 14 | 22 | 65 | 133 | 66 | 46 | 34 | 18 | 1 |
| Mont. | 34 | — | 1 | 1 | — | 1 | 4 | 8 | 11 | 5 | — | 1 | 2 | — |
| Idaho | 4 | — | — | — | — | 1 | — | — | — | 1 | 1 | 1 | — | — |
| Wyo. | 7 | — | — | — | — | 2 | — | — | 1 | 1 | 1 | 1 | 1 | — |
| N. Mex. | 278 | 1 | — | — | 5 | 6 | 6 | 45 | 108 | 51 | 35 | 13 | 8 | — |
| Colo. | 46 | — | 2 | — | 2 | 4 | 7 | 12 | 7 | 2 | 1 | 5 | 3 | 1 |
| N. Mex. | 8 | — | 1 | 1 | 1 | — | — | — | 1 | — | 1 | 3 | — | — |
| Ariz. | 15 | 1 | — | 1 | 1 | — | 1 | — | 2 | 1 | 2 | 5 | 1 | — |
| Utah | 31 | 1 | 5 | — | — | — | 4 | — | 3 | 5 | 5 | 5 | 3 | — |
| Pacific | 1,645 | 82 | 49 | 65 | 47 | 67 | 85 | 129 | 240 | 278 | 248 | 201 | 154 | — |
| Wash. | 158 | — | 5 | 4 | 4 | 1 | 12 | 12 | 30 | 31 | 16 | 32 | 11 | — |
| Oreg. | 114 | — | 4 | 8 | 2 | 4 | 8 | 5 | 18 | 21 | 17 | 13 | 14 | — |
| Calif. | 1,199 | 67 | 35 | 47 | 37 | 49 | 57 | 101 | 160 | 202 | 187 | 138 | 119 | — |
| Alaska | 59 | — | — | 1 | — | — | 2 | 4 | 24 | 9 | 12 | 4 | 3 | — |
| Hawaii | 115 | 15 | 5 | 5 | 4 | 13 | 6 | 7 | 8 | 15 | 16 | 14 | 7 | — |
| Puerto Rico | 95 | 2 | 2 | 4 | 2 | 1 | — | 23 | 5 | 19 | 21 | 15 | 1 | — |
| U.S. Trust Terr. | 15 | 3 | — | 1 | 1 | 1 | — | 1 | — | 1 | 1 | 1 | 5 | — |

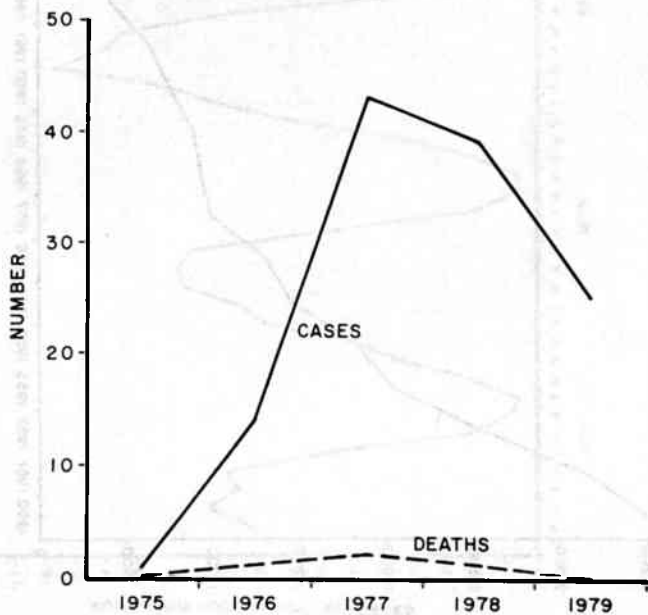
ASEPTIC MENINGITIS – Reported cases per 100,000 population by state, United States, 1979



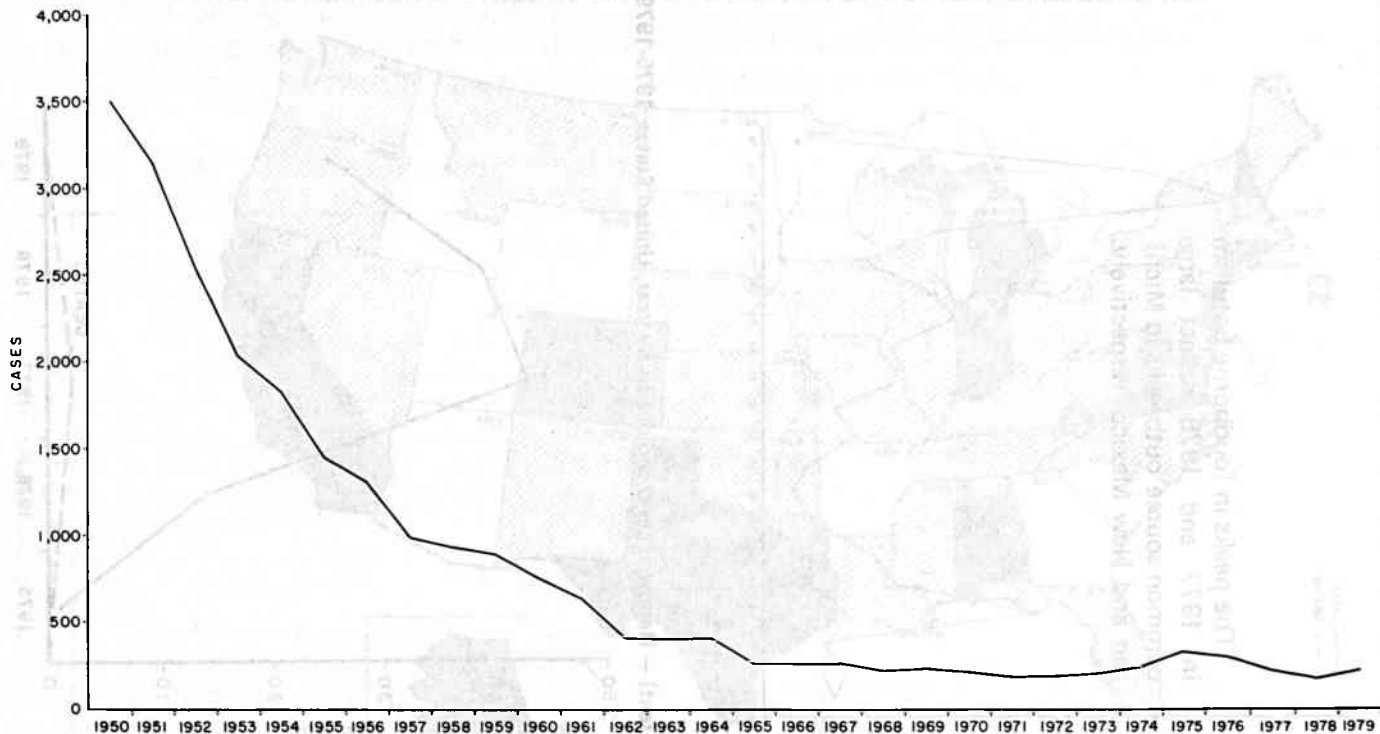
BOTULISM (Foodborne) — Reported cases and deaths by year, United States, 1960-1979



BOTULISM (Infant) — Reported cases and deaths by year, United States, 1975-1979



BRUCELLOSIS — Reported cases by year, United States, 1950-1979



The 215 cases of brucellosis reported to CDC in 1979 represent a slight increase of 36 cases from 179 reported the previous year.

Brucellosis in the United States has shown a declining trend over the last 30 years. The population at highest risk continues to be working-age males in the meat-packing and livestock industries.

BRUCELLLOSIS - Reported cases by year, United States, 1970-1979

MSR RESOURCES DIVISION (MVA) AND WSA

UNITED STATES DEPARTMENT OF HEALTH AND HUMAN SERVICES

CHICKENPOX continued to be the second most reported infectious disease in 1979

1977 1978 1979 1978 1979

CHICKENPOX - Reported cases by state and by age, selected states, 1979

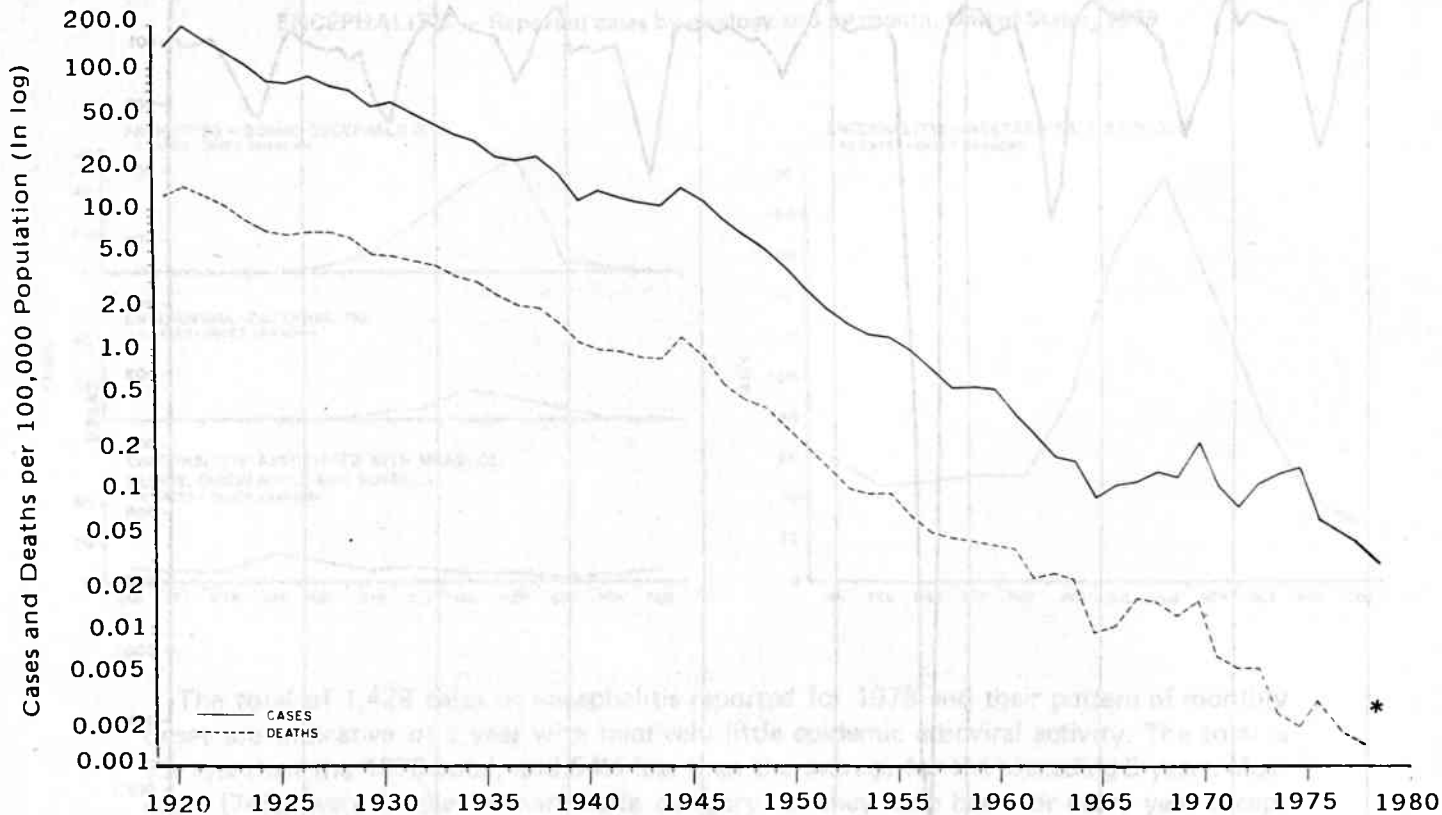
| Area | Total | 1 | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-39 | 40-49 | 50-59 | 60+ | Unk. | |
|---------------------------|---------------|------------------------|--------------------------|---------------|--------------|--------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|----------------|---------------|-----|
| No. cases reported | 58,300 | 299¹ | 2,466¹ | 23,662 | 6,969 | 1,329 | 223¹ | 122¹ | 124¹ | 37¹ | 23¹ | 28 | 21,902 | |
| Ala. | 525 | 13 | 73 | 294 | 71 | 2 | 3 | — | — | — | 1 | — | 68 | |
| Ark. | 190 | — | 30 | 28 | 11 | 3 | — | — | — | — | 1 | — | 117 | |
| Conn. ² | 11,525 | — | — | — | — | 11 | 19 | 15 | 14 | 1 | 2 | 2 | 11,461 | |
| Del. | 218 | 6 | 48 | 99 | 28 | 4 | 3 | 1 | 1 | 1 | — | — | 27 | |
| D.C. | 135 | 3 | 44 | 47 | 16 | 8 | 4 | 1 | 1 | 2 | 1 | — | 8 | |
| Ky. | 3,667 | 6 | 16 | 48 | 6 | 2 | 3 | 1 | 1 | — | — | — | 3,584 | |
| Ill. | 18,678 | 111 | 1,232 | 12,120 | 3,264 | 463 | 72 | 23 | 24 | 4 | 2 | 3 | 1,360 | |
| Mass. | 9,279 | (.....955.....) | — | 5,621 | 1,986 | 446 | (.....147.....) | (.....14.....) | (.....14.....) | (.....14.....) | (.....14.....) | (.....14.....) | 7 | 103 |
| N.Y. (excl. NYC) | 10,377 | 34 | 249 | 3,846 | 1,170 | 277 | 44 | 20 | 24 | 7 | 7 | 11 | 4,688 | |
| N.Y.C. | 3,052 | 117 | 730 | 1,347 | 380 | 106 | 74 | 60 | 59 | 22 | 9 | 5 | 143 | |
| S. Dak. | 635 | 9 | 44 | 210 | 37 | 7 | 1 | 1 | — | — | — | — | 326 | |
| Wyo. | 19 | — | — | 2 | — | — | — | — | — | — | — | — | 17 | |

¹ Does not include cases reported by state of Massachusetts.

² Reported by age for 18 years and over.

The 215 cases of brucellosis reported to CDC in 1979 represent a slight increase of 36 cases from 179 reported the previous year.

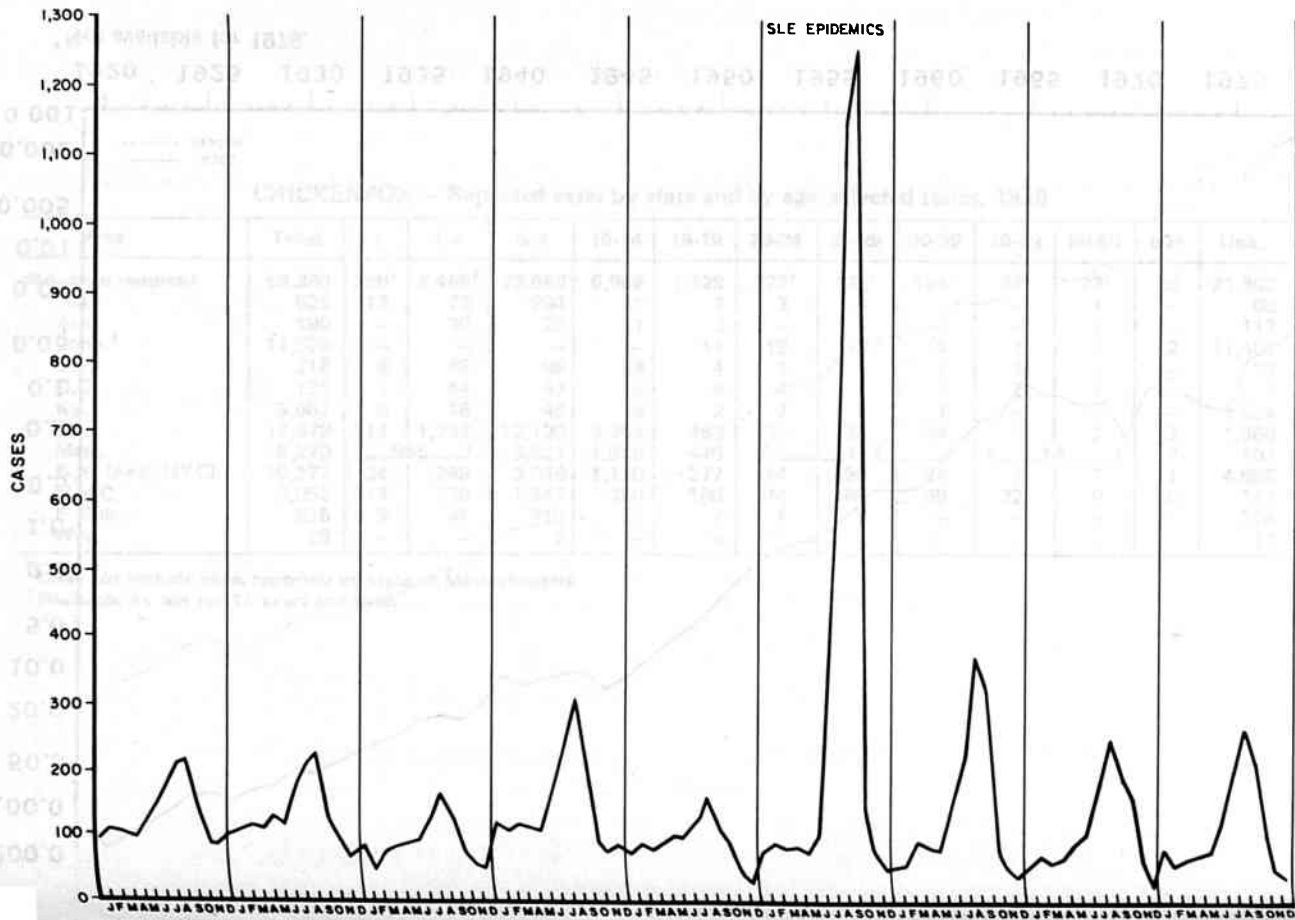
Brucellosis in the United States has shown a declining trend over the last 30 years. The CHICKENPOX - Reported cases by state and by age, selected states, 1979



*Not available for 1979.

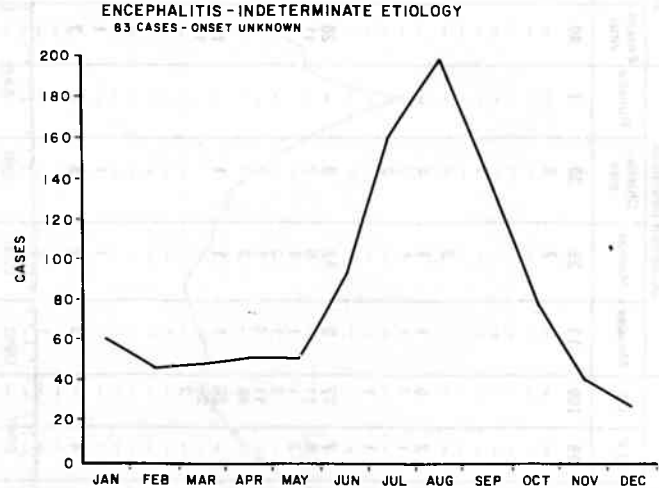
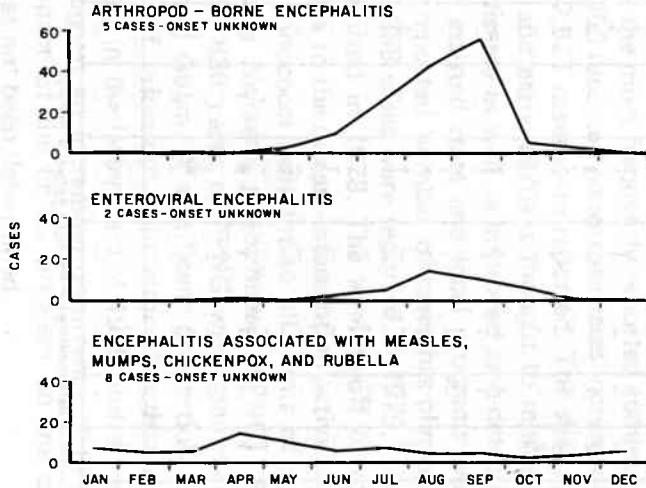
The incidence of diphtheria in the United States is low and continues to fall; case-fatality ratios of respiratory diphtheria have not changed significantly since 1920.

ENCEPHALITIS — Reported cases by month of onset, United States, 1970-1978



ENCEPHALITIS

ENCEPHALITIS – Reported cases by etiology and by month, United States, 1978



The total of 1,429 cases of encephalitis reported for 1978 and their pattern of monthly onset are indicative of a year with relatively little epidemic arboviral activity. The total is 7% less than the 1976 total, and 54% less than the average for the preceding 5 years. Most cases (74%) were in the indeterminate category, as they have been for every year except 1975. Of the 368 cases with known etiology, most were associated with arboviral (39%), childhood viral (21%), herpes simplex (21%), or enteroviral (11%) infections.

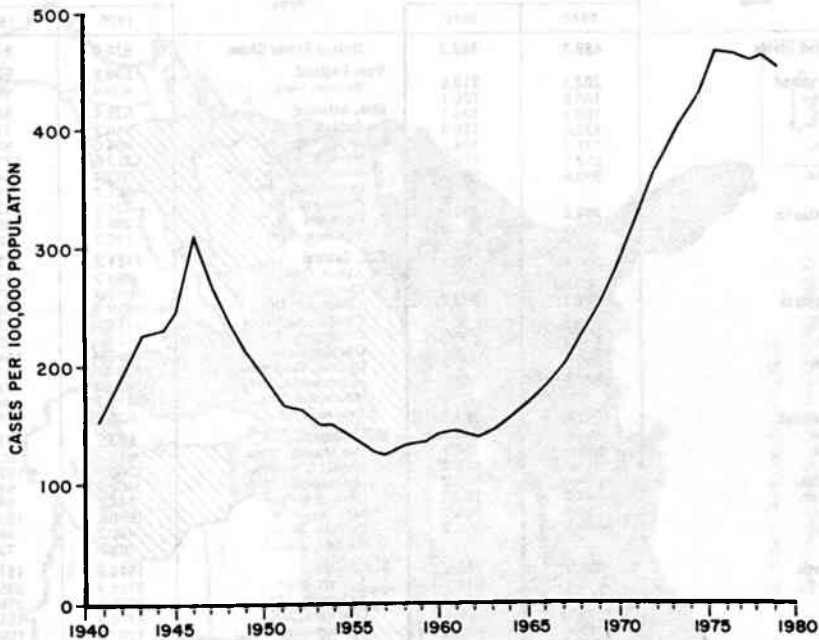
ENCEPHALITIS

ENCEPHALITIS — Reported cases by state and by etiology, United States, 1978

| Area | Total | Arthropod-borne | | | | Post childhood infections | | | | Other known etiologies | | | Indeterminate etiology |
|----------------------|--------------|-----------------|----------|-----------|------------|---------------------------|-----------|-------------|----------|------------------------|----------------|-----------|------------------------|
| | | WEE | EEE | SLE | CE | Measles | Mumps | Chicken-pox | Rubella | Enterovirus | Herpes simplex | Other | |
| United States | 1,429 | 3 | 5 | 26 | 109 | 13 | 25 | 39 | 1 | 40 | 77 | 30 | 1,061 |
| New England | 29 | — | — | — | — | — | 2 | 5 | — | — | 2 | 2 | 18 |
| Maine | — | — | — | — | — | — | — | — | — | — | — | — | — |
| N.H. | 2 | — | — | — | — | — | — | — | — | — | — | 1 | 9 |
| Vt. | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mass. | 10 | — | — | — | — | — | — | 1 | — | — | — | — | 8 |
| R.I. | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Conn. | 17 | — | — | — | — | — | 2 | 4 | — | — | 2 | 1 | 8 |
| Mid. Atlantic | 135 | — | — | 2 | 4 | 1 | 1 | 4 | — | — | 9 | 2 | 112 |
| N.Y. (excl. NYC) | 55 | — | — | 1 | 3 | 1 | 1 | 2 | — | — | — | — | 47 |
| N.Y.C. | 33 | — | — | — | — | — | — | 2 | — | — | 6 | 1 | 24 |
| N.J. | 16 | — | — | 1 | 1 | — | — | — | — | — | 1 | — | 13 |
| Pa. | 31 | — | — | — | — | — | — | — | — | — | 2 | 1 | 28 |
| E.N. Central | 464 | — | — | 7 | 77 | 5 | 12 | 8 | — | 20 | 2 | 2 | 331 |
| Ohio | 159 | — | — | 5 | 11 | 5 | 7 | 7 | — | 11 | — | — | 120 |
| Ind. | 71 | — | — | 2 | 1 | 1 | 1 | — | — | 2 | — | — | 64 |
| Ill. | 90 | — | — | — | 8 | 1 | 2 | — | — | — | — | — | 75 |
| Mich. | 76 | — | — | — | 11 | 3 | 1 | 1 | — | 1 | — | — | 68 |
| Wis. | 68 | — | — | — | 46 | — | 3 | — | — | 4 | 2 | — | 58 |
| W.N. Central | 139 | 3 | — | — | 26 | 1 | 1 | 1 | — | 15 | 12 | 1 | 79 |
| Minn. | 57 | 3 | — | — | 24 | — | — | — | — | 14 | 8 | — | 35 |
| Iowa | 37 | — | — | — | — | — | — | — | — | — | — | — | 33 |
| Mo. | 29 | — | — | — | 2 | — | — | — | — | — | 1 | 1 | 26 |
| N. Dak. | — | — | — | — | — | 1 | — | — | — | — | — | — | — |
| S. Dak. | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Nabr. | 3 | — | — | — | — | — | — | — | — | — | 2 | — | — |
| Kans. | 13 | — | — | — | — | — | 1 | 1 | — | 1 | 1 | — | 9 |
| S. Atlantic | 205 | — | 5 | 1 | — | 5 | 5 | 5 | — | 3 | 18 | 9 | 154 |
| Del. | 1 | — | — | — | — | — | — | — | — | — | — | — | — |
| Md. | 39 | — | — | — | — | 1 | — | — | — | — | — | — | 38 |
| D.C. | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Va. | 39 | — | — | — | — | 3 | — | 2 | — | — | 1 | 2 | 31 |
| W. Va. | 22 | — | — | — | — | — | — | — | — | — | — | — | 22 |
| N.C. | 38 | — | — | 1 | — | 1 | 4 | 1 | — | — | 3 | — | 28 |
| S.C. | 7 | — | — | — | — | — | — | — | — | — | — | — | 7 |
| Ga. | 9 | — | — | — | — | — | — | 1 | — | — | 2 | — | 4 |
| Fla. | 50 | — | 5 | — | — | — | 1 | — | 3 | 12 | 5 | — | 23 |
| E.S. Central | 85 | — | — | 12 | 1 | — | — | 3 | — | — | — | — | 69 |
| Ky. | 18 | — | — | — | — | — | — | 2 | — | — | — | — | 16 |
| Tenn. | 33 | — | — | 2 | 1 | — | — | — | — | — | — | — | 30 |
| Ala. | 19 | — | — | 8 | — | — | — | 1 | — | — | — | — | 10 |
| Miss. | 15 | — | — | 2 | — | — | — | — | — | — | — | — | 13 |
| W.S. Central | 101 | — | — | — | 1 | — | 3 | 3 | — | — | 6 | 1 | 87 |
| Ark. | 17 | — | — | — | 1 | — | 1 | 1 | — | — | 2 | 1 | 15 |
| La. | 15 | — | — | — | — | — | — | — | — | — | — | — | 20 |
| Okla. | 22 | — | — | — | — | — | 1 | 1 | — | — | — | — | 41 |
| Texas | 47 | — | — | — | — | — | 1 | 1 | — | — | 4 | — | 41 |
| Mountain | 33 | — | — | 3 | — | — | — | 1 | — | 2 | 3 | 1 | 23 |
| Mont. | 16 | — | — | — | — | — | — | — | — | 1 | — | — | 15 |
| Idaho | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Wyo. | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Colo. | 6 | — | — | — | — | — | — | 1 | — | — | 1 | — | 3 |
| N. Mex. | 3 | — | — | 2 | — | — | — | — | — | — | — | — | — |
| Ariz. | 7 | — | — | 1 | — | — | — | — | — | 1 | 2 | — | 4 |
| Utah | 1 | — | — | — | — | — | — | — | — | — | — | — | 1 |
| Nev. | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Pacific | 238 | — | — | 1 | — | 1 | 1 | 9 | 1 | — | 25 | 12 | 188 |
| Wash. | 27 | — | — | — | — | — | — | — | — | — | 2 | 1 | 24 |
| Oreg. | 17 | — | — | — | — | — | — | 1 | — | — | 2 | — | 14 |
| Calif. | 187 | — | — | 1 | — | 1 | 1 | 8 | 1 | — | 21 | 11 | 143 |
| Alaska | 7 | — | — | — | — | — | — | — | — | — | — | — | 7 |
| Hawaii | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Guam | — | — | — | — | — | — | — | — | — | — | — | — | — |
| P.R. | 12 | — | — | — | — | — | 1 | 1 | — | — | — | — | 10 |
| V.I. | — | — | — | — | — | — | — | — | — | — | — | — | — |

This table has been included to update the provisional data published in the 1978 Annual Summary.

GONORRHEA — Reported civilian case rates by year, United States, 1941-1979



Gonorrhea is the most frequently reported communicable disease in the United States. From 1966 reported gonorrhea cases increased at about 12% per year until 1973, when 842,621 cases were reported. The sharp increase of reported cases in the late 1960s and early 1970s is thought to represent an actual increase in the occurrence of disease as well as improved case-detection procedures. Since 1973, when federally assisted state and local programs were implemented to control gonorrhea, the reported number of cases has plateaued at about 1 million cases annually; 1,003,958 cases were reported in 1979, down 9,478 cases (0.9%) from the number reported in 1978. The leveling-off of reported cases since 1975 is thought to be due to the disease-intervention activities initiated in 1973.

A strain of gonococci resistant to all forms of penicillin has emerged—penicillinase-producing *Neisseria gonorrhoeae* (PPNG). From March 1976 through December 1979, 836 cases of PPNG were identified in 38 states, the District of Columbia, and Guam. A significant proportion of PPNG cases were related to importation of infection from either Southeast Asia or the West Coast of Africa. However, in the latter part of 1979 and the early months of 1980 some study results suggest an increasing occurrence of PPNG cases within the United States. The impact of the PPNG problem on the control of gonorrhea in the United States has not been determined.

GONORRHEA

GONORRHEA — Reported cases in civilians per 100,000 population by geographic division, by state, and by city,¹ United States, calendar years 1978 and 1979

| Area | Rate | | Area | Rate | |
|----------------------|--------------|--------------|-----------------------------------|---------------|---------------|
| | 1979 | 1978 | | 1979 | 1978 |
| United States | 459.4 | 468.3 | United States Cities | 924.6 | 942.7 |
| New England | 202.4 | 210.5 | New England | 800.8 | 985.3 |
| Maine | 160.6 | 195.1 | Boston, Mass. | 800.8 | 985.3 |
| N.H. | 105.1 | 135.1 | Mid. Atlantic | 635.4 | 646.1 |
| Vt. | 132.5 | 126.9 | Buffalo, N.Y. | 918.7 | 779.0 |
| Mass. | 171.7 | 194.2 | Jersey City, N.J. | 464.0 | 531.7 |
| R.I. | 212.7 | 211.4 | Newark, N.J. | 1817.6 | 1875.3 |
| Conn. | 309.8 | 280.6 | New York City, N.Y. | 563.8 | 547.6 |
| Mid. Atlantic | 298.4 | 299.3 | Philadelphia, Pa. | 881.2 | 913.8 |
| N.Y. | 349.7 | 338.9 | Pittsburgh, Pa. ² | 324.1 | 421.1 |
| N.J. | 267.6 | 277.1 | Rochester, N.Y. | 1289.5 | 1469.7 |
| Pa. | 240.4 | 253.2 | Yonkers, N.Y. | 170.2 | 137.8 |
| E.N. Central | 392.1 | 393.7 | E.N. Central | 1181.2 | 1179.4 |
| Ohio | 392.2 | 385.3 | Akron, Ohio | 859.2 | 933.3 |
| Ind. | 306.0 | 292.4 | Chicago, Ill. | 1062.9 | 1073.9 |
| Ill. | 467.9 | 483.7 | Cincinnati, Ohio | 1538.3 | 1345.8 |
| Mich. | 398.2 | 399.4 | Cleveland, Ohio | 1715.7 | 1631.0 |
| Wis. | 298.5 | 302.6 | Columbus, Ohio | 1172.2 | 1293.0 |
| W.N. Central | 291.4 | 303.0 | Dayton, Ohio | 1468.7 | 1643.6 |
| Minn. | 202.4 | 212.7 | Detroit, Mich. | 1283.7 | 1203.5 |
| Iowa | 197.6 | 187.6 | Indianapolis, Ind. ² | 872.0 | 928.0 |
| Mo. | 442.6 | 472.3 | Milwaukee, Wis. | 1419.7 | 1487.5 |
| N. Dak. | 130.7 | 136.9 | Toledo, Ohio | 830.5 | 781.9 |
| S. Dak. | 233.4 | 252.3 | W.N. Central | 883.7 | 937.1 |
| Nebr. | 230.0 | 235.2 | Des Moines, Iowa | 673.0 | 608.5 |
| Kans. | 350.8 | 356.3 | Kansas City, Mo. | 1286.0 | 1671.0 |
| S. Atlantic | 694.0 | 712.5 | Minneapolis, Minn. ² | 462.9 | 545.7 |
| Del. | 678.9 | 609.3 | Omaha, Nebr. ² | 546.3 | 540.3 |
| Md. | 704.4 | 743.6 | St. Louis, Mo. | 1958.1 | 1831.2 |
| D.C. | 2523.1 | 2445.3 | St. Paul, Minn. | 450.2 | 484.0 |
| Va. | 456.4 | 480.8 | Wichita, Kans. ² | 765.0 | 735.1 |
| W. Va. | 176.3 | 178.2 | S. Atlantic | 1518.6 | 1573.6 |
| N.C. | 637.4 | 629.1 | Atlanta, Ga. ² | 3115.4 | 3358.3 |
| S.C. | 775.9 | 839.7 | Baltimore, Md. | 2600.3 | 2753.3 |
| Ga. | 885.3 | 920.0 | Charlotte, N.C. | 1185.6 | 1512.5 |
| Fla. | 700.9 | 710.5 | Jacksonville, Fla. | 1103.8 | 1082.8 |
| E.S. Central | 609.9 | 612.4 | Miami, Fla. ² | 878.5 | 802.6 |
| Ky. | 326.1 | 330.6 | Norfolk, Va. | 1339.1 | 1380.6 |
| Tenn. | 707.7 | 716.6 | Richmond, Va. | 1574.1 | 1805.3 |
| Ala. | 676.7 | 657.2 | St. Petersburg, Fla. ² | 473.8 | 486.3 |
| Miss. | 740.9 | 762.2 | Tampa, Fla. ² | 874.5 | 908.0 |
| W.S. Central | 577.6 | 613.7 | Washington, D.C. | 2523.1 | 2445.3 |
| Ark. | 478.6 | 456.2 | E.S. Central | 1218.7 | 1249.6 |
| La. | 592.9 | 568.1 | Birmingham, Ala. ² | 1113.7 | 1236.4 |
| Okla. | 445.7 | 445.9 | Louisville, Ky. ² | 933.6 | 883.2 |
| Texas | 617.8 | 691.4 | Memphis, Tenn. ² | 1570.1 | 1618.3 |
| Mountain | 380.0 | 382.5 | Nashville, Tenn. ² | 1217.0 | 1216.7 |
| Mont. | 247.6 | 273.0 | W.S. Central | 1003.9 | 1073.5 |
| Idaho | 198.0 | 183.5 | Austin, Tex. ² | 894.8 | 926.0 |
| Wyo. | 253.4 | 234.6 | Corpus Christi, Tex. ² | 502.0 | 512.3 |
| Colo. | 394.9 | 412.8 | Dallas, Tex. ² | 1137.8 | 1403.9 |
| N. Mex. | 397.1 | 462.0 | El Paso, Tex. ² | 452.0 | 454.5 |
| Ariz. | 466.5 | 432.3 | Fort Worth, Tex. ² | 887.0 | 935.5 |
| Utah | 148.1 | 162.7 | Houston, Tex. ² | 1176.9 | 1292.8 |
| Nev. | 911.4 | 870.3 | New Orleans, La. | 1712.2 | 1501.1 |
| Pacific | 549.6 | 557.2 | Oklahoma City, Okla. | 1172.1 | 1039.9 |
| Wash. | 376.9 | 362.5 | San Antonio, Tex. ² | 461.2 | 480.7 |
| Oreg. | 407.0 | 460.6 | Tulsa, Okla. | 910.5 | 934.1 |
| Calif. | 590.2 | 595.7 | Mountain | 619.6 | 585.9 |
| Alaska | 1275.7 | 1361.3 | Albuquerque, N.M. ² | 515.2 | 629.9 |
| Hawaii | 363.1 | 330.2 | Denver, Colo. | 1177.0 | 1164.4 |
| Guam | 114.3 | 14.3 | Phoenix, Ariz. ² | 541.7 | 420.4 |
| P.R. | 64.4 | 65.4 | Tucson, Ariz. ² | 337.3 | 393.9 |
| V.I. | 305.0 | 289.0 | Pacific | 745.6 | 727.9 |
| | | | Honolulu, Hawaii | 551.3 | 494.1 |
| | | | Los Angeles, Calif. ² | 762.4 | 712.7 |
| | | | Oakland, Calif. ² | 659.9 | 614.7 |
| | | | Portland, Oreg. ² | 858.4 | 885.6 |
| | | | Sacramento, Calif. ² | 546.2 | 582.6 |
| | | | San Diego, Calif. ² | 426.3 | 428.1 |
| | | | San Francisco, Calif. | 2845.1 | 2755.8 |
| | | | San Jose, Calif. ² | 398.0 | 472.5 |
| | | | Seattle, Wash. ² | 539.9 | 570.2 |
| | | | San Juan, P.R. ² | 251.8 | 160.1 |

¹ Restricted to cities with population of 200,000 or more in 1970.

² County data or equivalent; Oakland is Alameda County less Berkeley.

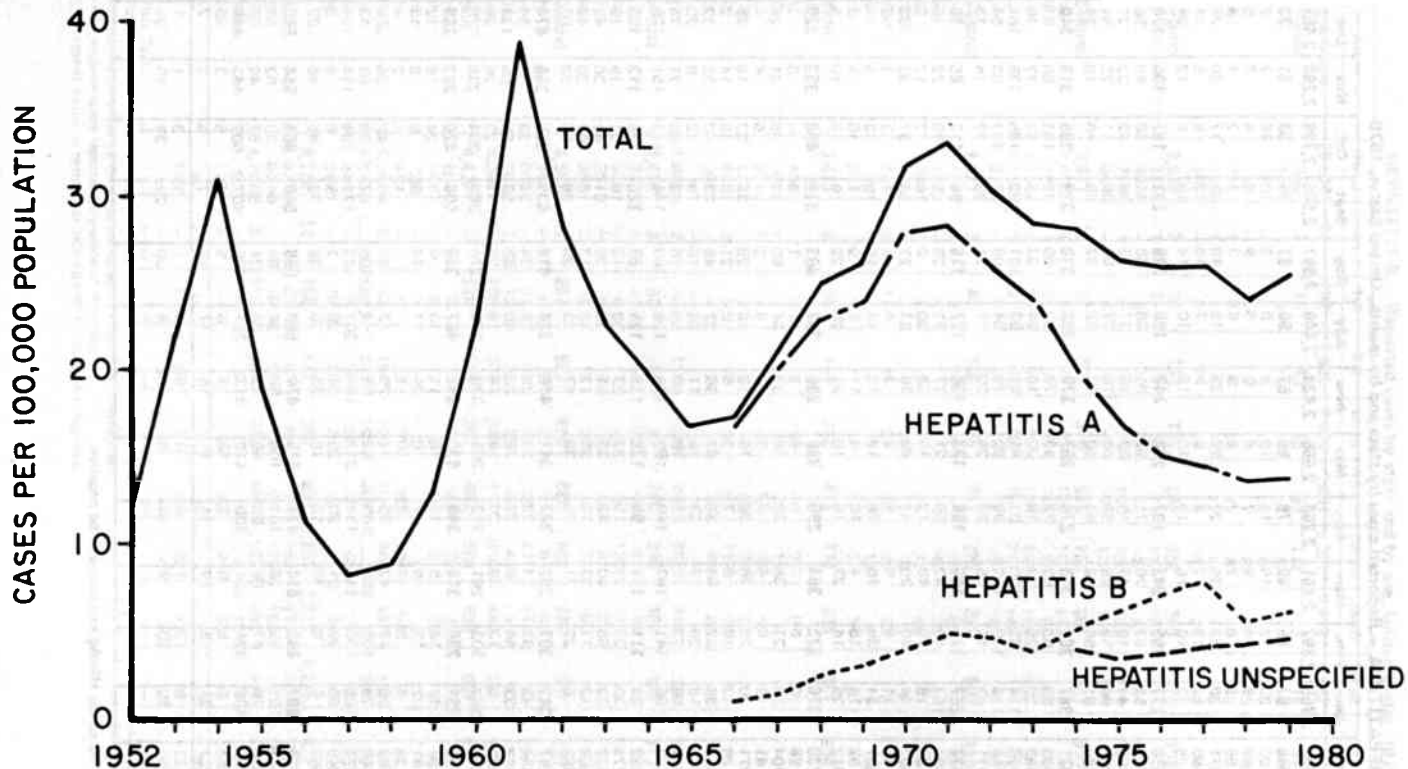
GONORRHEA

GONORRHEA — Reported cases in civilians and cases per 100,000 population by age and sex, United States, 1978 and 1979

| Age Group | Male | | | |
|--------------|----------------|--------------|----------------|--------------|
| | 1978 | | 1979 | |
| | Cases | Rate | Cases | Rate |
| 0-14 | 2,889 | 11.1 | 2,932 | 11.4 |
| 15-19 | 101,701 | 977.6 | 99,158 | 956.6 |
| 20-24 | 229,829 | 2409.9 | 223,642 | 2308.9 |
| 25-29 | 141,940 | 1648.0 | 140,305 | 1591.5 |
| 30-39 | 91,365 | 660.7 | 94,948 | 657.4 |
| 40-49 | 21,467 | 196.3 | 21,326 | 194.4 |
| 50+ | 8,448 | 33.5 | 8,452 | 33.0 |
| Total | 597,639 | 571.8 | 590,763 | 559.9 |

| Age Group | Female | | | |
|--------------|----------------|--------------|----------------|--------------|
| | 1978 | | 1979 | |
| | Cases | Rate | Cases | Rate |
| 0-14 | 9,069 | 36.5 | 9,256 | 37.7 |
| 15-19 | 153,227 | 1481.7 | 150,729 | 1468.8 |
| 20-24 | 158,155 | 1568.7 | 156,608 | 1532.2 |
| 25-29 | 60,434 | 669.3 | 60,968 | 660.8 |
| 30-39 | 27,995 | 190.7 | 28,744 | 187.8 |
| 40-49 | 4,946 | 42.6 | 4,877 | 41.9 |
| 50+ | 1,971 | 6.3 | 2,013 | 6.3 |
| Total | 415,797 | 371.5 | 413,195 | 365.7 |

| Age Group | Total | | | |
|--------------|------------------|--------------|------------------|--------------|
| | 1978 | | 1979 | |
| | Cases | Rate | Cases | Rate |
| 0-14 | 11,958 | 23.5 | 12,188 | 24.3 |
| 15-19 | 254,928 | 1228.9 | 249,887 | 1211.4 |
| 20-24 | 387,984 | 1977.6 | 380,250 | 1910.0 |
| 25-29 | 202,374 | 1147.0 | 201,273 | 1115.5 |
| 30-39 | 119,360 | 418.7 | 123,692 | 415.8 |
| 40-49 | 26,413 | 117.1 | 26,203 | 115.8 |
| 50+ | 10,419 | 18.4 | 10,465 | 18.3 |
| Total | 1,013,436 | 468.3 | 1,003,958 | 459.4 |



Viral hepatitis continues to be one of the 5 most frequently reported infectious diseases in the United States. The total number of viral hepatitis cases reported for 1979, although higher than 1978, was nearly equal to the numbers reported for 1975 through 1977. Increases were observed in 1979 in the case rates and in the number of cases of all 3 hepatitis types; the largest increase occurred in hepatitis unspecified category. Persons from 15 through 29 years of age continue to be the group most affected by hepatitis.

HEPATITIS

HEPATITIS A — Reported cases by state and by month, United States, 1979

| Area | Total | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Unk. |
|----------------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|
| United States | 30,407 | 2,765 | 2,392 | 2,561 | 2,264 | 2,566 | 2,424 | 2,440 | 2,697 | 2,506 | 2,729 | 2,298 | 2,461 | 304 |
| New England | 846 | 97 | 85 | 89 | 78 | 65 | 67 | 56 | 57 | 75 | 53 | 51 | 73 | |
| Maine | 120 | 23 | 7 | 15 | 11 | 10 | 8 | 8 | 2 | 10 | 16 | 7 | 3 | |
| N.H. | 66 | 8 | 4 | 9 | 7 | 6 | 2 | 6 | 9 | 2 | 4 | 3 | 6 | |
| Vt. | 59 | 2 | 8 | 7 | 7 | 4 | 9 | 6 | 3 | 3 | 2 | 4 | 4 | |
| Mass. | 311 | 30 | 37 | 35 | 27 | 27 | 28 | 19 | 19 | 27 | 17 | 20 | 25 | |
| R.I. | 105 | 12 | 13 | 7 | 7 | 3 | 5 | 7 | 10 | 17 | 8 | 5 | 11 | |
| Conn. | 185 | 22 | 16 | 16 | 19 | 15 | 15 | 10 | 14 | 16 | 6 | 12 | 24 | |
| Mid. Atlantic | 2,518 | 237 | 195 | 242 | 197 | 222 | 242 | 190 | 226 | 207 | 187 | 194 | 170 | |
| NY (excl. NYC) | 710 | 52 | 67 | 76 | 71 | 51 | 91 | 38 | 59 | 41 | 58 | 48 | 58 | |
| N.Y.C. | 386 ¹ | 44 | 19 | 43 | 18 | 52 | 26 | 37 | 32 | 34 | 32 | 22 | 27 | |
| N.J. | 758 | 60 | 53 | 65 | 55 | 60 | 76 | 77 | 68 | 66 | 51 | 76 | 51 | |
| Pa. | 664 | 81 | 56 | 58 | 53 | 59 | 49 | 38 | 67 | 66 | 46 | 48 | 34 | |
| E.N. Central | 3,971 | 387 | 301 | 318 | 270 | 257 | 270 | 280 | 330 | 329 | 395 | 318 | 340 | |
| Ohio | 1,023 | 88 | 60 | 53 | 72 | 43 | 70 | 92 | 69 | 72 | 103 | 69 | 61 | |
| Ind. | 387 | 29 | 25 | 23 | 18 | 20 | 16 | 24 | 33 | 53 | 53 | 47 | 46 | |
| Ill. | 1,176 | 114 | 62 | 120 | 61 | 81 | 91 | 63 | 101 | 92 | 105 | 125 | 161 | |
| Mich. | 1,114 | 113 | 138 | 107 | 93 | 89 | 73 | 84 | 106 | 87 | 107 | 63 | 54 | |
| Wis. | 271 | 43 | 16 | 15 | 26 | 24 | 20 | 17 | 21 | 25 | 27 | 14 | 18 | |
| W.N. Central | 1,627 | 287 | 174 | 140 | 158 | 123 | 134 | 127 | 116 | 98 | 113 | 86 | 70 | |
| Minn. | 494 | 163 | 40 | 42 | 50 | 21 | 27 | 31 | 28 | 25 | 30 | 22 | 15 | |
| Iowa | 184 | 19 | 18 | 10 | 12 | 15 | 23 | 30 | 9 | 16 | 12 | 12 | 8 | |
| Mo. | 392 | 24 | 40 | 39 | 41 | 43 | 36 | 23 | 27 | 26 | 37 | 33 | 23 | |
| N. Dak. | 45 | 11 | 5 | 6 | 1 | 3 | 3 | 4 | 5 | 1 | 3 | 1 | 2 | |
| S. Dak. | 207 | 31 | 39 | 16 | 28 | 18 | 13 | 14 | 16 | 10 | 3 | 5 | 14 | |
| Nebr. | 92 | 14 | 18 | 4 | 10 | 4 | 11 | 5 | 9 | 1 | 10 | 3 | 3 | |
| Kans. | 213 | 25 | 14 | 23 | 16 | 19 | 21 | 20 | 22 | 19 | 18 | 10 | 5 | |
| S. Atlantic | 4,230 | 376 | 333 | 397 | 296 | 380 | 296 | 302 | 403 | 318 | 400 | 333 | 320 | |
| Del. | 28 | 6 | 5 | 3 | — | — | 2 | 1 | 1 | 5 | — | 3 | 2 | |
| Md. | 404 | 29 | 27 | 35 | 32 | 38 | 32 | 34 | 50 | 32 | 35 | 31 | 24 | |
| D.C. | 41 | 2 | 6 | 4 | — | 3 | 1 | 9 | 2 | — | 6 | 4 | 4 | |
| Va. | 271 | 20 | 20 | 28 | 30 | 19 | 19 | 18 | 28 | 23 | 23 | 18 | 25 | |
| W. Va. | 129 | 13 | 10 | 8 | 7 | 7 | 6 | 9 | 21 | 10 | 16 | 14 | 8 | |
| N.C. | 452 | 33 | 32 | 63 | 33 | 57 | 30 | 27 | 49 | 23 | 40 | 33 | 32 | |
| S.C. | 205 | 18 | 20 | 17 | 23 | 15 | 11 | 24 | 16 | 19 | 12 | 8 | 22 | |
| Ga. | 817 | 69 | 72 | 72 | 31 | 79 | 60 | 55 | 76 | 62 | 95 | 71 | 75 | |
| Fla. | 1,883 | 186 | 141 | 167 | 140 | 162 | 135 | 125 | 160 | 144 | 173 | 151 | 128 | |
| E.S. Central | 1,459 | 81 | 111 | 151 | 95 | 128 | 138 | 125 | 89 | 126 | 136 | 113 | 166 | |
| Ky. | 277 | 30 | 23 | 27 | 15 | 27 | 23 | 38 | 16 | 19 | 21 | 19 | 19 | |
| Tenn. | 532 | 32 | 55 | 60 | 43 | 38 | 51 | 39 | 28 | 61 | 47 | 36 | 42 | |
| Ala. | 267 | 13 | 11 | 33 | 13 | 25 | 17 | 15 | 17 | 18 | 43 | 20 | 42 | |
| Miss. | 383 | 6 | 22 | 31 | 24 | 38 | 47 | 33 | 28 | 28 | 25 | 38 | 63 | |
| W.S. Central | 4,597 | 342 | 397 | 392 | 347 | 341 | 446 | 324 | 418 | 405 | 355 | 356 | 474 | |
| Ark. | 384 | 43 | 37 | 34 | 28 | 27 | 28 | 28 | 34 | 21 | 33 | 37 | 34 | |
| La. | 642 | 27 | 44 | 58 | 27 | 29 | 30 | 40 | 85 | 59 | 65 | 55 | 123 | |
| Okla. | 282 | 5 | 13 | 39 | 20 | 19 | 18 | 18 | 25 | 37 | 23 | 26 | 39 | |
| Texas | 3,289 | 267 | 303 | 261 | 272 | 266 | 370 | 238 | 274 | 288 | 234 | 238 | 278 | |
| Mountain | 4,439 | 351 | 330 | 318 | 346 | 435 | 357 | 467 | 398 | 408 | 426 | 293 | 268 | |
| Mont. | 164 | 17 | 14 | 5 | 19 | 16 | 11 | 13 | 4 | 13 | 24 | 16 | 12 | |
| Idaho | 141 | 2 | 17 | 9 | 11 | 9 | 24 | 17 | 14 | 8 | 9 | 8 | 13 | |
| Wyo. | 28 | 1 | 5 | 4 | 3 | 10 | 1 | — | — | 1 | 1 | 2 | — | |
| Colo. | 489 | 26 | 46 | 42 | 35 | 47 | 25 | 43 | 65 | 40 | 48 | 36 | 36 | |
| N. Mex. | 1,149 | 75 | 105 | 104 | 105 | 92 | 85 | 141 | 108 | 87 | 99 | 63 | 43 | |
| Ariz. | 1,873 | 165 | 106 | 115 | 134 | 217 | 164 | 207 | 162 | 171 | 194 | 114 | 124 | |
| Utah | 246 | 56 | 29 | 21 | 20 | 26 | 24 | 26 | 7 | 15 | 6 | 8 | 8 | |
| Nev. | 349 | 9 | 8 | 18 | 19 | 18 | 23 | 20 | 38 | 73 | 45 | 46 | 32 | |
| Pacific | 6,720 | 607 | 466 | 514 | 477 | 615 | 474 | 569 | 660 | 540 | 664 | 554 | 580 | |
| Wash. | 977 | 107 | 65 | 76 | 101 | 105 | 68 | 94 | 84 | 64 | 90 | 62 | 61 | |
| Oreg. | 800 | 70 | 67 | 86 | 63 | 69 | 72 | 69 | 74 | 60 | 57 | 44 | 69 | |
| Calif. | 4,757 | 408 | 324 | 334 | 300 | 412 | 313 | 381 | 485 | 407 | 507 | 443 | 443 | |
| Alaska | 63 | 1 | 5 | 6 | 2 | 18 | 3 | 8 | 5 | 2 | 5 | 3 | 5 | |
| Hawaii | 123 | 21 | 5 | 12 | 11 | 11 | 18 | 17 | 12 | 7 | 5 | 2 | 2 | |
| Gusm | 42 | 8 | 2 | 1 | 6 | 8 | 5 | 4 | 1 | 1 | 3 | 1 | 1 | |
| P.R. | 190 | 10 | 10 | 8 | 13 | 8 | 7 | 4 | 30 | 22 | 37 | 16 | 25 | |
| V.I. | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Pac. Trust Terr. | — | — | — | — | — | — | — | — | — | — | — | — | — | |

¹ Cases represent patients tested for HBsAg and found to be negative.

HEPATITIS A — Reported cases by state and by age, United States, 1979

| Area | Total | Under 1 | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-39 | 40-49 | 50-59 | 60+ | Unk. |
|----------------------|---------------------------|-----------------------|------------------------|--------------|--------------|-----------------|--------------------------|--------------------------|--------------|--------------|--------------|--------------|--------------|
| United States | 29,590¹ | 54² | 782² | 2,500 | 2,034 | 3,401 | 5,357² | 4,418² | 4,462 | 1,921 | 1,403 | 1,437 | 1,041 |
| New England | 846 | 2 | 13 | 43 | 45 | 88 | 172 | 123 | 118 | 70 | 63 | 51 | 58 |
| Maine | 120 | — | 3 | 10 | 7 | 14 | 19 | 14 | 9 | 7 | 2 | 4 | 31 |
| N.H. | 66 | — | — | 6 | 9 | 9 | 16 | 6 | 8 | 4 | 5 | 3 | — |
| Vt. | 59 | — | 1 | 2 | 4 | 2 | 10 | 9 | 15 | 5 | 5 | 5 | 1 |
| Mass. | 311 | 1 | 4 | 6 | 14 | 33 | 70 | 48 | 48 | 23 | 23 | 25 | 16 |
| R.I. | 105 | 1 | 1 | 5 | 4 | 12 | 17 | 18 | 20 | 11 | 10 | 5 | 1 |
| Conn. | 185 | — | 4 | 14 | 7 | 18 | 40 | 28 | 18 | 20 | 18 | 9 | 9 |
| Mid. Atlantic | 2,518 | 2 | 39 | 162 | 161 | 292 | 456 | 380 | 420 | 196 | 186 | 203 | 21 |
| N.Y. (excl. NYC) | 710 | 1 | 24 | 89 | 70 | 75 | 117 | 81 | 111 | 57 | 44 | 30 | 11 |
| N.Y.C. | 386 | — | 3 | 30 | 18 | 33 | 43 | 59 | 81 | 34 | 39 | 41 | 5 |
| N.J. | 758 | 1 | 4 | 18 | 32 | 100 | 160 | 132 | 113 | 67 | 51 | 75 | 5 |
| Pa. | 664 | — | 8 | 25 | 41 | 84 | 136 | 108 | 115 | 38 | 52 | 57 | — |
| E.N. Central | 3,971 | 10 | 97 | 301 | 315 | 515 | 705 | 561 | 563 | 272 | 253 | 272 | 107 |
| Ohio | 1,023 | 1 | 25 | 74 | 93 | 128 | 185 | 143 | 114 | 64 | 84 | 74 | 38 |
| Ind. | 387 | 1 | 21 | 31 | 31 | 46 | 76 | 66 | 50 | 26 | 17 | 13 | 9 |
| Ill. | 1,176 | 4 | 24 | 92 | 90 | 148 | 193 | 159 | 185 | 87 | 71 | 90 | 33 |
| Mich. | 1,114 | 4 | 21 | 92 | 88 | 151 | 211 | 148 | 171 | 72 | 63 | 70 | 23 |
| Wis. | 271 | — | 6 | 12 | 13 | 42 | 40 | 45 | 43 | 23 | 18 | 25 | 4 |
| W.N. Central | 1,627 | 5 | 47 | 130 | 135 | 201 | 299 | 221 | 203 | 110 | 76 | 101 | 99 |
| Minn. | 494 | 1 | 9 | 33 | 37 | 54 | 90 | 85 | 77 | 42 | 27 | 35 | 4 |
| Iowa | 184 | — | 4 | 11 | 12 | 20 | 42 | 28 | 27 | 13 | 13 | 11 | 3 |
| Mo. | 392 | 1 | 6 | 19 | 21 | 55 | 72 | 40 | 43 | 25 | 17 | 26 | 67 |
| N. Dak. | 45 | — | — | 6 | 10 | 5 | 4 | 3 | 5 | 6 | 3 | 3 | — |
| S. Dak. | 207 | 2 | 15 | 45 | 27 | 29 | 20 | 22 | 19 | 11 | 4 | 6 | 7 |
| Nebr. | 92 | — | 4 | 5 | 9 | 15 | 19 | 9 | 12 | 2 | 4 | 8 | 5 |
| Kans. | 213 | 1 | 9 | 11 | 19 | 23 | 52 | 34 | 20 | 11 | 8 | 12 | 13 |
| S. Atlantic | 3,413 | 6 | 68 | 168 | 142 | 415 | 771 | 538 | 581 | 284 | 167 | 203 | 70 |
| Del. | 28 | — | — | 2 | 1 | 6 | 5 | 7 | 7 | — | — | — | — |
| Md. | 404 | — | 6 | 16 | 16 | 49 | 91 | 57 | 66 | 43 | 26 | 32 | 2 |
| D.C. | 41 | 1 | 1 | 1 | — | 5 | 14 | 6 | 7 | 2 | — | 2 | 2 |
| Va. | 271 | 1 | — | 10 | 7 | 38 | 57 | 46 | 49 | 19 | 17 | 17 | 10 |
| W. Va. | 129 | — | 3 | 8 | 4 | 12 | 28 | 19 | 11 | 11 | 9 | 13 | 11 |
| N.C. | 452 | 2 | 5 | 10 | 24 | 67 | 119 | 69 | 67 | 35 | 25 | 27 | 2 |
| S.C. | 205 | — | 4 | 2 | 4 | 29 | 49 | 22 | 39 | 23 | 6 | 9 | 18 |
| Ga. | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Fla. | 1,883 | 2 | 49 | 119 | 86 | 209 | 408 | 312 | 335 | 151 | 84 | 103 | 25 |
| E.S. Central | 1,459 | 3 | 33 | 89 | 81 | 216 | 316 | 197 | 178 | 113 | 89 | 125 | 19 |
| Ky. | 277 | 1 | 14 | 40 | 32 | 45 | 52 | 31 | 16 | 18 | 7 | 13 | 8 |
| Tenn. | 532 | — | 6 | 13 | 21 | 79 | 130 | 78 | 79 | 41 | 41 | 43 | 1 |
| Ala. | 267 | — | 8 | 18 | 8 | 40 | 61 | 33 | 42 | 24 | 17 | 14 | 2 |
| Miss. | 383 | 2 | 5 | 18 | 20 | 52 | 73 | 55 | 41 | 30 | 24 | 55 | 8 |
| W.S. Central | 4,597 | 11 | 207 | 602 | 429 | 580 | 868 | 649 | 537 | 230 | 152 | 136 | 196 |
| Ark. | 384 | — | 6 | 26 | 32 | 51 | 84 | 48 | 56 | 21 | 20 | 24 | 16 |
| La. | 642 | — | 21 | 45 | 42 | 89 | 131 | 111 | 93 | 33 | 25 | 15 | 37 |
| Okla. | 282 | 1 | 12 | 22 | 10 | 28 | 43 | 36 | 32 | 22 | 15 | 15 | 46 |
| Texas | 3,289 | 10 | 168 | 509 | 345 | 412 | 610 | 454 | 356 | 154 | 92 | 82 | 97 |
| Mountain | 4,439 | 5² | 120² | 528 | 361 | 463 | 509² | 430² | 637 | 217 | 141 | 112 | 136 |
| Mont. | 164 | — | 8 | 25 | 14 | 23 | 26 | 22 | 23 | 16 | — | 6 | 1 |
| Idaho | 141 | — | 6 | 22 | 9 | 16 | 21 | 28 | 9 | 5 | 7 | 9 | 9 |
| Wyo. | 28 | — | 1 | — | 1 | — | 4 | 2 | 3 | 1 | 1 | 1 | 14 |
| Colo. | 489 | — | 9 | 36 | 31 | 63 | 108 | 99 | 72 | 21 | 21 | 15 | 14 |
| N. Mex. | 1,149 | 5 | 73 | 154 | 106 | 105 | 240 | 180 | 167 | 47 | 27 | 21 | 24 |
| Ariz. | 1,873 | (.....132.) | 228 | 148 | 208 | (.....648.....) | 271 | 90 | 62 | 40 | 46 | — | — |
| Utah | 346 | — | 7 | 28 | 24 | 19 | 40 | 36 | 45 | 18 | 12 | 10 | 7 |
| Nev. | 249 | — | 16 | 35 | 28 | 29 | 70 | 63 | 47 | 19 | 11 | 10 | 21 |
| Pacific | 6,720 | 10 | 158 | 477 | 365 | 631 | 1,261 | 1,319 | 1,225 | 429 | 276 | 234 | 335 |
| Wash. | 977 | 1 | 23 | 63 | 68 | 98 | 152 | 171 | 136 | 59 | 38 | 32 | 136 |
| Oreg. | 800 | — | 16 | 51 | 41 | 64 | 145 | 153 | 143 | 66 | 45 | 53 | 23 |
| Calif. | 4,757 | 9 | 119 | 354 | 243 | 452 | 932 | 945 | 916 | 285 | 186 | 145 | 171 |
| Alaska | 63 | — | — | 2 | 7 | 7 | 8 | 15 | 11 | 6 | 4 | — | 3 |
| Hawaii | 123 | — | — | 7 | 6 | 10 | 24 | 35 | 19 | 13 | 3 | 4 | 2 |
| Guam | 42 | — | — | 3 | 1 | 6 | 9 | 8 | 10 | 2 | — | — | 3 |
| P.R. | 190 | — | 11 | 48 | 39 | 17 | 28 | 12 | 8 | 4 | 6 | 2 | 15 |
| V.I. | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Pac. Trust Terr. | — | — | — | — | — | — | — | — | — | — | — | — | — |

¹ Cases reported by state of Georgia included in Hepatitis, unspecified.² Does not include cases reported by state of Arizona.³ Cases represent patients tested for HSAg and found to be negative.

HEPATITIS

HEPATITIS B — Reported cases by state and by month, United States, 1979

| Area | Total | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Unk. |
|------------------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------|
| United States | 15,452 | 1,256 | 1,101 | 1,305 | 1,147 | 1,253 | 1,228 | 1,231 | 1,434 | 1,197 | 1,329 | 1,317 | 1,425 | 229 |
| New England | 598 | 49 | 46 | 58 | 45 | 46 | 57 | 33 | 53 | 39 | 51 | 54 | 67 | |
| Maine | 14 | 2 | 2 | 4 | — | — | 1 | — | 1 | 1 | 1 | 2 | 2 | |
| N.H. | 27 | — | — | 3 | 1 | 2 | 2 | — | 4 | 2 | 6 | 3 | 2 | |
| Vt. | 24 | 1 | — | 2 | — | 2 | 6 | — | — | — | 1 | 3 | 9 | |
| Mass. | 259 | 18 | 18 | 26 | 26 | 24 | 34 | 23 | 22 | 17 | 21 | 14 | 16 | |
| R.I. | 61 | 9 | 5 | 7 | 6 | 5 | 3 | 1 | 5 | 7 | 5 | 4 | 4 | |
| Conn. | 213 | 19 | 21 | 16 | 12 | 13 | 11 | 9 | 21 | 12 | 17 | 28 | 34 | |
| Mid. Atlantic | 2,515 | 206 | 191 | 251 | 199 | 226 | 209 | 197 | 266 | 182 | 192 | 211 | 182 | 3 |
| N. Y. (excl. N. Y. C.) | 463 | 35 | 30 | 37 | 38 | 42 | 26 | 46 | 53 | 35 | 45 | 37 | 39 | |
| N. Y. C. | 488 ¹ | 47 | 35 | 61 | 43 | 47 | 41 | 26 | 50 | 26 | 25 | 42 | 45 | |
| N.J. | 772 | 60 | 69 | 80 | 59 | 66 | 73 | 65 | 79 | 56 | 52 | 63 | 50 | |
| Pa. | 792 | 64 | 57 | 73 | 59 | 71 | 69 | 60 | 84 | 65 | 70 | 69 | 48 | |
| E.N. Central | 2,159 | 199 | 171 | 172 | 147 | 173 | 121 | 183 | 206 | 129 | 161 | 203 | 189 | 108 |
| Ohio | 432 | 44 | 29 | 20 | 31 | 24 | 21 | 35 | 22 | 37 | 28 | 26 | 17 | 98 |
| Ind. | 317 | 23 | 23 | 16 | 17 | 14 | 19 | 41 | 26 | 27 | 29 | 41 | 41 | |
| Ill. | 601 | 47 | 54 | 62 | 36 | 60 | 31 | 35 | 72 | 16 | 43 | 73 | 72 | |
| Mich. | 640 | 63 | 52 | 63 | 51 | 60 | 39 | 54 | 74 | 37 | 49 | 47 | 51 | 7 |
| Wis. | 169 | 22 | 13 | 11 | 12 | 15 | 11 | 18 | 12 | 12 | 12 | 16 | 8 | |
| W.N. Central | 688 | 68 | 63 | 64 | 49 | 52 | 50 | 51 | 54 | 79 | 44 | 54 | 60 | |
| Minn. | 170 | 35 | 13 | 12 | 14 | 22 | 4 | 14 | 15 | 10 | 14 | 9 | 8 | |
| Iowa | 99 | 6 | 9 | 7 | 8 | 6 | 13 | 14 | 6 | 10 | 3 | 7 | 10 | |
| Mo. | 267 | 10 | 25 | 28 | 17 | 18 | 16 | 10 | 18 | 50 | 15 | 26 | 34 | |
| N. Dak. | 11 | 1 | 3 | — | — | — | 4 | 1 | 1 | — | — | — | — | |
| S. Dak. | 19 | 1 | 2 | 4 | 2 | — | 2 | 2 | — | 3 | — | 1 | 2 | |
| Nebr. | 52 | 6 | 7 | 6 | 2 | 2 | 3 | 1 | 6 | 3 | 6 | 7 | 3 | |
| Kans. | 70 | 9 | 4 | 7 | 6 | 4 | 8 | 9 | 8 | 2 | 6 | 4 | 3 | |
| S. Atlantic | 3,066 | 215 | 191 | 252 | 185 | 234 | 229 | 240 | 300 | 235 | 296 | 262 | 306 | 121 |
| Del. | 54 | 1 | 8 | 6 | 8 | 2 | 1 | — | 2 | 3 | 6 | 5 | 12 | 13 |
| Md. | 464 | 33 | 35 | 35 | 43 | 45 | 32 | 45 | 35 | 36 | 45 | 40 | 27 | |
| D. C. | 54 | 4 | 1 | 5 | 5 | 3 | 2 | 3 | 9 | — | 4 | 8 | 10 | |
| Va. | 450 | 22 | 32 | 49 | 30 | 33 | 41 | 36 | 57 | 36 | 39 | 29 | 46 | |
| W. Va. | 100 | 6 | 6 | 4 | 2 | 13 | 11 | 6 | 13 | 13 | 11 | 9 | 6 | |
| N.C. | 398 | 30 | 19 | 40 | 17 | 34 | 24 | 42 | 43 | 29 | 44 | 29 | 47 | |
| S.C. | 173 | 7 | 6 | 13 | 13 | 13 | 13 | 9 | 16 | 8 | 15 | 32 | 28 | |
| Ga. | 392 | 39 | 31 | 25 | 20 | 29 | 33 | 30 | 32 | 28 | 40 | 33 | 52 | 108 |
| Fla. | 981 | 73 | 53 | 75 | 47 | 62 | 72 | 69 | 93 | 82 | 92 | 77 | 78 | |
| E.S. Central | 1,048 | 62 | 61 | 83 | 79 | 53 | 143 | 83 | 73 | 106 | 102 | 91 | 112 | |
| Ky. | 181 | 22 | 7 | 11 | 13 | 12 | 24 | 13 | 12 | 14 | 22 | 16 | 15 | |
| Tenn. | 525 | 27 | 40 | 35 | 38 | 18 | 78 | 50 | 41 | 53 | 52 | 49 | 44 | |
| Ala. | 236 | 12 | 14 | 24 | 15 | 19 | 21 | 12 | 16 | 27 | 21 | 17 | 38 | |
| Miss. | 106 | 1 | — | 13 | 13 | 4 | 20 | 8 | 4 | 12 | 7 | 9 | 15 | |
| W.S. Central | 1,279 | 75 | 93 | 108 | 76 | 92 | 128 | 104 | 101 | 100 | 111 | 110 | 181 | |
| Ark. | 120 | 10 | 8 | 12 | 10 | 18 | 17 | 9 | 2 | 8 | 8 | 6 | 12 | |
| La. | 303 | 12 | 24 | 22 | 18 | 19 | 31 | 21 | 24 | 24 | 27 | 28 | 53 | |
| Okla. | 171 | 3 | 5 | 10 | 12 | 5 | 5 | 18 | 24 | 21 | 24 | 16 | 28 | |
| Texas | 685 | 50 | 56 | 64 | 36 | 50 | 75 | 56 | 51 | 47 | 52 | 60 | 88 | |
| Mountain | 530 | 34 | 41 | 51 | 49 | 52 | 45 | 57 | 37 | 32 | 52 | 46 | 34 | |
| Mont. | 22 | 1 | 4 | 3 | 1 | — | 1 | 2 | 1 | 2 | 1 | 2 | 4 | |
| Idaho | 14 | — | — | 3 | — | — | 1 | 1 | 3 | 2 | — | 1 | 1 | |
| Wyo. | 4 | — | — | 1 | — | — | 2 | — | — | — | 2 | — | — | |
| Colo. | 166 | 9 | 15 | 14 | 17 | 15 | 13 | 15 | 17 | 7 | 19 | 16 | 9 | |
| N. Mex. | 97 | 8 | 5 | 17 | 16 | 17 | 8 | 10 | 3 | 5 | 6 | 1 | 1 | |
| Ariz. | 118 | 12 | 10 | 4 | 5 | 10 | 4 | 14 | 6 | 8 | 13 | 15 | 17 | |
| Utah | 40 | 4 | 3 | 3 | — | 5 | 8 | 7 | 2 | 3 | 3 | 1 | 1 | |
| Nev. | 69 | — | 4 | 6 | 10 | 2 | 10 | 8 | 5 | 5 | 8 | 10 | 1 | |
| Pacific | 3,569 | 348 | 244 | 266 | 318 | 325 | 246 | 283 | 344 | 295 | 320 | 286 | 294 | |
| Wash. | 254 | 21 | 14 | 18 | 35 | 25 | 15 | 18 | 21 | 17 | 25 | 25 | 20 | |
| Oreg. | 354 | 42 | 28 | 31 | 23 | 23 | 42 | 35 | 22 | 19 | 39 | 19 | 31 | |
| Calif. | 2,842 | 268 | 198 | 205 | 251 | 269 | 184 | 220 | 278 | 248 | 247 | 236 | 258 | |
| Alaska | 26 | 3 | 1 | 6 | 2 | 1 | — | 4 | 4 | — | 1 | 2 | 2 | |
| Hawaii | 93 | 14 | 3 | 6 | 7 | 7 | 5 | 6 | 19 | 11 | 8 | 4 | 3 | |
| Guam | 18 | 3 | — | 2 | — | 5 | 1 | 1 | 2 | 1 | 1 | — | 2 | |
| P.R. | 94 | 7 | 1 | 6 | 5 | 7 | 12 | 6 | 6 | 4 | 10 | 8 | 22 | |
| V.I. | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Pac. Trust Terr. | — | — | — | — | — | — | — | — | — | — | — | — | — | |

¹ Cases represent patients tested for HBsAg and found to be positive.

HEPATITIS B — Reported cases by state and by age, United States, 1979

| Area | Total | Under 1 | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-39 | 40-49 | 50-59 | 60+ | Unk. |
|----------------------|---------------------------|-----------|-----------|-----------|------------|--------------|--------------------------|--------------------------|--------------|--------------|------------|------------|------------|
| United States | 15,060¹ | 28 | 45 | 72 | 161 | 1,856 | 4,037² | 2,903² | 2,559 | 1,072 | 860 | 844 | 555 |
| New England | 598 | — | 1 | 3 | 8 | 57 | 131 | 109 | 111 | 61 | 46 | 45 | 26 |
| Maine | 14 | — | — | — | — | 3 | 2 | 2 | 1 | 3 | 1 | 1 | — |
| N.H. | 27 | — | — | — | 1 | — | 2 | 7 | 6 | 1 | 1 | 1 | — |
| Vt. | 24 | — | — | — | — | 3 | 4 | 7 | 4 | 2 | 2 | 2 | — |
| Mass. | 259 | — | 1 | 1 | 5 | 20 | 64 | 48 | 49 | 26 | 15 | 16 | 14 |
| R.I. | 61 | — | — | — | 1 | 9 | 14 | 14 | 8 | 4 | 2 | 9 | — |
| Conn. | 213 | — | — | 2 | 1 | 20 | 39 | 31 | 43 | 25 | 25 | 16 | 11 |
| Mid. Atlantic | 2,515 | 6 | 7 | 9 | 15 | 312 | 710 | 502 | 435 | 184 | 154 | 163 | 18 |
| N.Y. (excl. NYC) | 463 | 1 | 3 | 4 | 5 | 57 | 117 | 91 | 90 | 28 | 32 | 30 | 7 |
| N.Y.C. | 488 ³ | 1 | 2 | 2 | 3 | 35 | 100 | 106 | 107 | 54 | 28 | 45 | 5 |
| N.J. | 772 | 3 | 2 | 1 | 4 | 99 | 238 | 146 | 125 | 51 | 49 | 48 | 6 |
| Pa. | 792 | 1 | — | 3 | 4 | 121 | 255 | 159 | 113 | 51 | 45 | 40 | — |
| S.E. Central | 2,159 | 10 | 3 | 10 | 20 | 266 | 593 | 406 | 355 | 170 | 142 | 114 | 70 |
| Ohio | 432 | 2 | — | 1 | 5 | 56 | 120 | 70 | 71 | 31 | 35 | 25 | 16 |
| Ind. | 317 | 1 | — | 2 | — | 51 | 96 | 74 | 42 | 22 | 13 | 8 | 8 |
| Ill. | 601 | 5 | 2 | 1 | 10 | 80 | 142 | 107 | 107 | 57 | 31 | 28 | 31 |
| Mich. | 640 | 2 | 1 | 4 | 4 | 63 | 183 | 112 | 112 | 50 | 55 | 41 | 13 |
| Wis. | 169 | — | — | 2 | 1 | 16 | 52 | 43 | 23 | 10 | 8 | 12 | 2 |
| S.W. Central | 688 | 1 | 3 | 4 | 5 | 103 | 183 | 136 | 102 | 47 | 29 | 28 | 47 |
| Minn. | 170 | — | 2 | 1 | — | 16 | 53 | 35 | 34 | 12 | 9 | 3 | 5 |
| Iowa | 99 | 1 | 1 | 3 | 1 | 8 | 24 | 18 | 24 | 6 | 7 | 4 | 2 |
| Mo. | 267 | — | — | — | 4 | 50 | 68 | 48 | 21 | 17 | 8 | 15 | 36 |
| N. Dak. | 11 | — | — | — | — | 3 | 1 | 5 | 1 | — | — | 1 | — |
| S. Dak. | 19 | — | — | — | — | 4 | 4 | 5 | 1 | 3 | 2 | — | — |
| Nebr. | 52 | — | — | — | — | 6 | 13 | 8 | 13 | 4 | 3 | 2 | 3 |
| Kans. | 70 | — | — | — | — | 16 | 20 | 17 | 8 | 5 | — | 3 | 1 |
| S. Atlantic | 2,674 | 3 | 9 | 9 | 26 | 332 | 743 | 505 | 388 | 185 | 171 | 204 | 99 |
| Del. | 54 | — | — | — | 1 | 5 | 4 | 7 | 5 | 7 | 3 | 2 | 20 |
| Md. | 464 | — | 2 | 2 | 6 | 49 | 130 | 98 | 78 | 37 | 32 | 25 | 5 |
| D.C. | 54 | — | — | 1 | — | 3 | 12 | 9 | 10 | 4 | 5 | 4 | 6 |
| Va. | 450 | 3 | 1 | — | 4 | 50 | 126 | 96 | 52 | 30 | 34 | 31 | 23 |
| W. Va. | 100 | — | — | — | 3 | 16 | 31 | 19 | 13 | 7 | 4 | 5 | 2 |
| N.C. | 398 | — | 1 | 3 | 2 | 52 | 103 | 86 | 63 | 29 | 26 | 30 | 3 |
| S.C. | 173 | — | — | — | 2 | 26 | 57 | 25 | 18 | 10 | 3 | 10 | 21 |
| Ga. | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Fla. | 981 | — | 4 | 3 | 8 | 131 | 280 | 165 | 149 | 61 | 64 | 97 | 19 |
| S.E. Central | 1,048 | 3 | — | 6 | 14 | 159 | 277 | 190 | 192 | 71 | 57 | 67 | 12 |
| Ky. | 181 | 1 | — | 1 | — | 37 | 45 | 24 | 30 | 12 | 12 | 11 | 8 |
| Tenn. | 525 | 2 | — | 2 | 9 | 67 | 135 | 109 | 98 | 37 | 32 | 34 | — |
| Ala. | 236 | — | — | 1 | 5 | 40 | 60 | 45 | 48 | 17 | 7 | 11 | 2 |
| Miss. | 106 | — | — | 2 | — | 15 | 37 | 12 | 16 | 5 | 6 | 11 | 2 |
| S.W. Central | 1,279 | 2 | 8 | 11 | 27 | 189 | 344 | 249 | 187 | 73 | 60 | 57 | 72 |
| Ark. | 120 | — | — | 1 | 1 | 22 | 31 | 23 | 15 | 8 | 6 | 9 | 4 |
| La. | 303 | — | 2 | — | 4 | 59 | 84 | 60 | 42 | 12 | 9 | 10 | 21 |
| Okla. | 171 | — | — | 1 | — | 19 | 33 | 32 | 37 | 17 | 12 | 8 | 10 |
| Texas | 685 | 2 | 4 | 9 | 22 | 89 | 196 | 134 | 93 | 36 | 33 | 30 | 37 |
| Mountain | 530 | 1 | — | 3 | 7 | 64 | 109² | 78² | 78 | 36 | 29 | 15 | 42 |
| Mont. | 22 | — | — | — | — | 4 | 8 | 3 | 5 | 2 | — | — | — |
| Idaho | 14 | — | — | — | 1 | — | 2 | 3 | 1 | 2 | 1 | — | 4 |
| Wyo. | 4 | — | — | — | 1 | 1 | — | 1 | — | — | — | 1 | — |
| Colo. | 166 | 1 | — | — | — | 30 | 50 | 38 | 22 | 6 | 7 | 6 | 6 |
| N. Mex. | 37 | — | — | — | 1 | 6 | 23 | 21 | 15 | 6 | 5 | 2 | 18 |
| Ariz. | 118 | — | — | 1 | 2 | 12 | 68 ² | — | 14 | 8 | 9 | 3 | 1 |
| Utah | 40 | — | — | 2 | 2 | 4 | 9 | 5 | 6 | 6 | 3 | 1 | 2 |
| Nev. | 69 | — | — | — | — | 7 | 17 | 7 | 15 | 6 | 4 | 2 | 11 |
| Pacific | 3,569 | 2 | 14 | 17 | 39 | 374 | 947 | 728 | 711 | 245 | 172 | 151 | 169 |
| Wash. | 254 | — | — | 1 | 6 | 26 | 53 | 50 | 51 | 18 | 4 | 9 | 36 |
| Oreg. | 354 | — | — | 1 | 2 | 37 | 74 | 91 | 63 | 32 | 15 | 14 | 25 |
| Calif. | 2,842 | 2 | 12 | 15 | 29 | 306 | 787 | 566 | 576 | 183 | 144 | 117 | 105 |
| Alaska | 26 | — | 1 | — | 2 | 2 | 5 | 3 | 6 | 3 | 1 | 1 | 2 |
| Hawaii | 93 | — | — | — | — | 3 | 28 | 18 | 15 | 9 | 8 | 10 | 1 |
| Guam | 18 | — | — | — | — | 3 | 9 | — | 1 | — | 3 | — | 2 |
| P.R. | 94 | — | 3 | 11 | 11 | 12 | 13 | 12 | 12 | 5 | 4 | 5 | 6 |
| V.I. | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Pac. Trust Terr. | — | — | — | — | — | — | — | — | — | — | — | — | — |

¹ Cases reported by state of Georgia included in Hepatitis, unspecified.

² Does not include cases reported by state of Arizona.

³ Cases represent patients tested for HBsAg and found to be positive.

HEPATITIS

HEPATITIS, UNSPECIFIED — Reported cases by state and by month, United States, 1979

| Area | Total | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Unk. |
|----------------------|---------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-----------|
| United States | 10,534 | 906 | 779 | 987 | 719 | 866 | 780 | 822 | 871 | 903 | 996 | 843 | 981 | 81 |
| New England | 204 | 6 | 11 | 16 | 17 | 11 | 25 | 17 | 11 | 13 | 24 | 25 | 28 | |
| Maine | 24 | 2 | — | — | 1 | 1 | 5 | 5 | — | 1 | 3 | 3 | 3 | |
| N.H. | 17 | 2 | 1 | 1 | — | 1 | 2 | 3 | 2 | 1 | 3 | 1 | — | |
| Vt. | 6 | — | 2 | 2 | — | — | 1 | — | — | — | 1 | — | — | |
| Mass. | 112 | 1 | 8 | 11 | 13 | 5 | 14 | 7 | 8 | 7 | 12 | 16 | 10 | |
| R.I. | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Conn. | 45 | 1 | — | 2 | 3 | 4 | 3 | 2 | 1 | 4 | 5 | 5 | 15 | |
| Mid. Atlantic | 884 | 96 | 63 | 69 | 63 | 79 | 69 | 79 | 87 | 57 | 56 | 83 | 83 | |
| N.Y. (excl. N.Y.C.) | 255 | 22 | 25 | 19 | 11 | 23 | 14 | 23 | 26 | 22 | 14 | 30 | 26 | |
| N.Y.C. | 206 | 34 | 14 | 24 | 21 | 26 | 14 | 13 | 11 | 12 | 15 | 13 | 9 | |
| N.J. | 290 | 18 | 14 | 20 | 19 | 22 | 34 | 28 | 30 | 17 | 18 | 32 | 38 | |
| Pa. | 133 | 22 | 10 | 6 | 12 | 8 | 7 | 15 | 20 | 6 | 9 | 8 | 10 | |
| E.N. Central | 647 | 57 | 48 | 54 | 51 | 51 | 53 | 61 | 55 | 61 | 63 | 53 | 39 | 1 |
| Ohio | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Ind. | 152 | 13 | 4 | 11 | 18 | 15 | 6 | 19 | 18 | 11 | 13 | 11 | 13 | |
| Ill. | 181 | 18 | 10 | 21 | 12 | 15 | 17 | 14 | 15 | 22 | 9 | 16 | 12 | |
| Mich. | 282 | 19 | 33 | 20 | 19 | 15 | 29 | 25 | 20 | 26 | 39 | 25 | 12 | |
| Wis. | 32 | 7 | 1 | 2 | 2 | 6 | 1 | 3 | 2 | 2 | 2 | 1 | 2 | |
| W.N. Central | 349 | 33 | 25 | 25 | 30 | 25 | 27 | 29 | 32 | 42 | 28 | 27 | 26 | |
| Minn. | 21 | 7 | 3 | 2 | 2 | 1 | 2 | — | 2 | — | 2 | — | — | |
| Iowa | 68 | 1 | 7 | 7 | 3 | 6 | 3 | 7 | 4 | 14 | 9 | 5 | 2 | |
| Mo. | 189 | 13 | 11 | 8 | 17 | 17 | 17 | 15 | 19 | 21 | 11 | 18 | 22 | |
| N. Dak. | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| S. Dak. | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Nebr. | 21 | 3 | 3 | 4 | 3 | — | 1 | 1 | 2 | 1 | — | 2 | 1 | |
| Kans. | 50 | 9 | 1 | 4 | 5 | 1 | 4 | 6 | 5 | 6 | 6 | 2 | 1 | |
| S. Atlantic | 1,581 | 135 | 92 | 146 | 130 | 126 | 99 | 129 | 115 | 145 | 142 | 105 | 137 | 80 |
| Del. | 12 | — | — | — | — | 1 | 2 | 1 | 1 | 1 | 3 | 2 | 1 | |
| Md. | 228 | 28 | 10 | 23 | 20 | 18 | 8 | 25 | 15 | 20 | 23 | 12 | 16 | |
| D.C. | 22 | — | 1 | 2 | — | 1 | — | 3 | 1 | 4 | 6 | 1 | 3 | |
| Va. | 218 | 17 | 12 | 25 | 17 | 13 | 18 | 14 | 19 | 30 | 15 | 14 | 24 | |
| W. Va. | 32 | 5 | 2 | 2 | 2 | 3 | — | 1 | 3 | 6 | 4 | 3 | 1 | |
| N.C. | 168 | 12 | 9 | 15 | 7 | 14 | 12 | 12 | 22 | 16 | 18 | 8 | 23 | |
| S.C. | 78 | 6 | 3 | 12 | 11 | 2 | 7 | 10 | 8 | 2 | 5 | 6 | 6 | |
| Ga. | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Fla. | 823 | 67 | 55 | 67 | 73 | 74 | 52 | 63 | 46 | 66 | 68 | 59 | 63 | |
| E.S. Central | 242 | 9 | 19 | 19 | 11 | 16 | 18 | 12 | 12 | 32 | 28 | 26 | 40 | |
| Ky. | 30 | 4 | 7 | 2 | — | 1 | 2 | 2 | 5 | — | 3 | — | 4 | |
| Tenn. | 92 | 2 | 7 | 8 | 7 | 4 | 10 | 5 | 3 | 14 | 13 | 12 | 7 | |
| Ala. | 120 | 3 | 5 | 9 | 4 | 11 | 6 | 5 | 4 | 18 | 12 | 14 | 29 | |
| Miss. | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| W.S. Central | 2,337 | 138 | 148 | 236 | 106 | 230 | 200 | 177 | 203 | 188 | 226 | 180 | 305 | |
| Ark. | 50 | 6 | 7 | 4 | 6 | 2 | 2 | — | 7 | 7 | 5 | 2 | 2 | |
| La. | 231 | 7 | 21 | 16 | 19 | 12 | 15 | 12 | 28 | 17 | 28 | 23 | 33 | |
| Okla. | 216 | 2 | 11 | 14 | 7 | 18 | 23 | 24 | 23 | 22 | 26 | 14 | 32 | |
| Texas | 1,840 | 123 | 109 | 202 | 74 | 198 | 160 | 141 | 145 | 142 | 167 | 141 | 238 | |
| Mountain | 2,130 | 223 | 203 | 224 | 168 | 143 | 138 | 144 | 166 | 188 | 210 | 159 | 164 | |
| Mont. | 2 | — | — | 1 | — | — | — | — | — | — | — | 1 | — | |
| Idaho | 15 | 2 | 1 | 5 | 3 | 2 | — | 1 | — | — | — | — | 1 | |
| Wyo. | 6 | — | — | — | 1 | — | — | — | 1 | 2 | 1 | — | — | |
| Colo. | 174 | 15 | 16 | 16 | 45 | 17 | 12 | 9 | 14 | 7 | 13 | 5 | 5 | |
| N. Mex. | 30 | 6 | 9 | 4 | 3 | 3 | 1 | — | 4 | — | — | — | — | |
| Ariz. | 1,531 | 159 | 157 | 149 | 90 | 90 | 86 | 119 | 125 | 144 | 159 | 120 | 133 | |
| Utah | 292 | 34 | 16 | 44 | 20 | 30 | 34 | 13 | 17 | 27 | 24 | 14 | 19 | |
| Nev. | 80 | 7 | 4 | 5 | 6 | 1 | 5 | 2 | 5 | 8 | 13 | 19 | 5 | |
| Pacific | 2,160 | 209 | 170 | 188 | 143 | 185 | 151 | 174 | 190 | 177 | 219 | 185 | 159 | |
| Wash. | 224 | 22 | 21 | 11 | 23 | 23 | 13 | 12 | 11 | 22 | 23 | 20 | 23 | |
| Oreg. | 83 | 8 | 12 | 4 | 7 | 8 | 9 | 3 | 13 | 8 | 6 | 3 | 2 | |
| Calif. | 1,799 | 174 | 132 | 179 | 109 | 148 | 125 | 157 | 166 | 145 | 185 | 149 | 130 | |
| Alaska | 28 | 2 | 2 | 1 | 3 | 5 | — | — | — | — | 2 | 10 | 3 | |
| Hawaii | 26 | 3 | 3 | 3 | 1 | 1 | 4 | 2 | — | 2 | 3 | 3 | 1 | |
| Guam | 72 | 15 | 5 | 9 | 7 | 8 | 4 | 9 | 1 | 1 | 2 | 7 | 4 | |
| P.R. | 363 | 34 | 26 | 23 | 18 | 6 | 31 | 11 | 15 | 88 | 44 | 24 | 43 | |
| V.I. | 11 | 5 | 4 | — | — | 1 | 1 | — | — | — | — | — | — | |
| Pac. Trust Terr. | 59 | 9 | 10 | 3 | 3 | 2 | 1 | 4 | 7 | 6 | 3 | 5 | 6 | |

¹ Cases represent patients not tested for HBsAg.

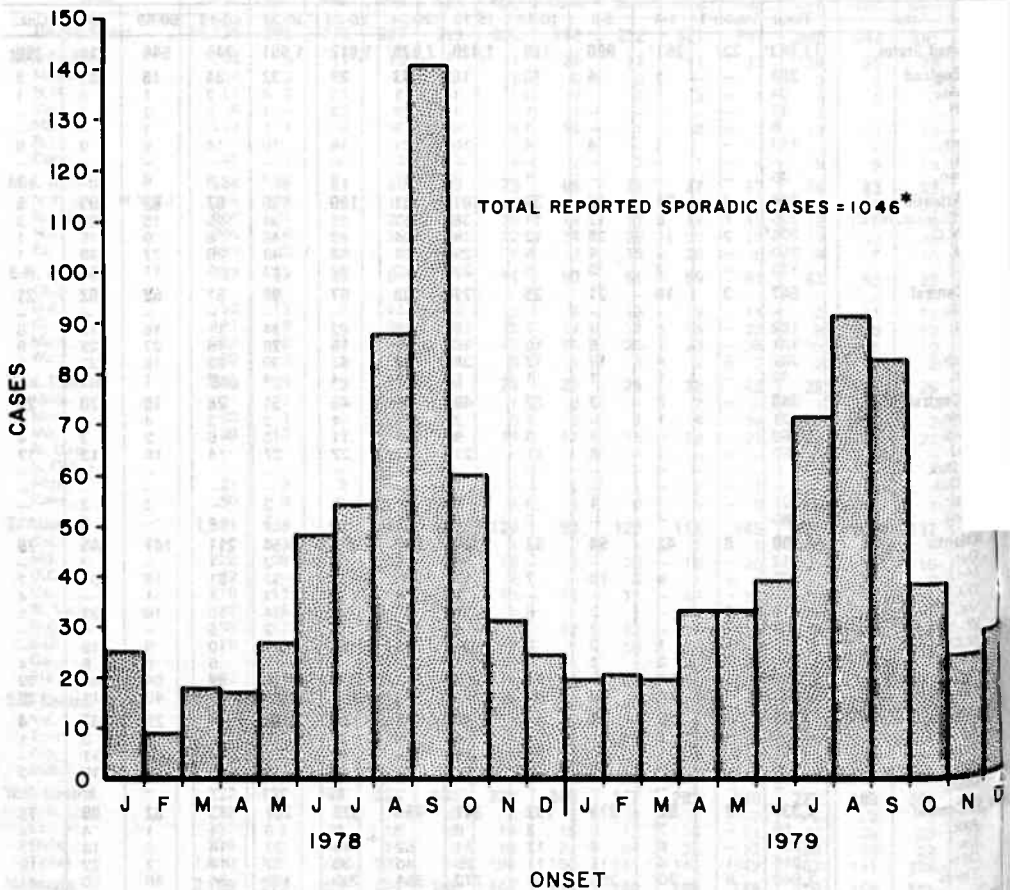
HEPATITIS, UNSPECIFIED — Reported cases by state and by age, United States, 1979

| Area | Total | Under 1 | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-39 | 40-49 | 50-59 | 60+ | Unk. |
|----------------------|---------------------------|-----------------------|------------------------|------------|------------|--------------|--------------------------|--------------------------|--------------|------------|------------|------------|------------|
| United States | 11,743¹ | 22² | 281² | 896 | 718 | 1,429 | 2,078² | 1,612² | 1,661 | 745 | 546 | 716 | 396 |
| New England | 204 | — | 1 | 4 | 10 | 15 | 43 | 28 | 32 | 24 | 16 | 23 | 8 |
| Maine | 24 | — | — | — | 3 | 1 | 1 | 5 | 4 | 2 | 1 | 6 | 1 |
| N.H. | 17 | — | — | — | 1 | 1 | 7 | 2 | 1 | 2 | 2 | 1 | — |
| Vt. | 6 | — | — | — | 1 | — | 3 | — | 1 | — | 1 | — | — |
| Mass. | 112 | — | 1 | 4 | 4 | 10 | 21 | 18 | 19 | 14 | 6 | 9 | 6 |
| R.I. | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Conn. | 45 | — | — | — | 1 | 3 | 11 | 3 | 7 | 6 | 6 | 7 | 1 |
| Mid. Atlantic | 884 | 3 | 21 | 48 | 37 | 101 | 181 | 120 | 136 | 67 | 62 | 103 | 5 |
| N.Y. (excl. NYC) | 255 | 1 | 8 | 13 | 11 | 35 | 53 | 32 | 34 | 25 | 15 | 25 | 3 |
| N.Y.C. | 206 ³ | 2 | 11 | 28 | 12 | 14 | 34 | 28 | 46 | 6 | 9 | 15 | 1 |
| N.J. | 290 | — | — | 4 | 9 | 29 | 62 | 40 | 43 | 26 | 27 | 49 | 1 |
| Pa. | 133 | — | 2 | 3 | 5 | 23 | 32 | 20 | 13 | 10 | 11 | 14 | — |
| E.N. Central | 647 | 3 | 10 | 31 | 35 | 77 | 103 | 97 | 95 | 51 | 62 | 62 | 21 |
| Ohio | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Ind. | 152 | — | 4 | 7 | 7 | 18 | 25 | 22 | 24 | 11 | 15 | 13 | 6 |
| Ill. | 181 | — | 1 | 6 | 10 | 16 | 29 | 18 | 28 | 16 | 27 | 22 | 8 |
| Mich. | 282 | 3 | 4 | 17 | 17 | 38 | 42 | 53 | 39 | 22 | 19 | 22 | 6 |
| Wis. | 32 | — | 1 | 1 | 1 | 5 | 7 | 4 | 4 | 2 | 1 | 5 | 1 |
| W.N. Central | 349 | — | 2 | 7 | 20 | 49 | 85 | 46 | 51 | 26 | 19 | 20 | 24 |
| Minn. | 21 | — | 1 | — | 1 | 2 | 4 | 4 | 2 | 2 | 4 | 1 | — |
| Iowa | 68 | — | — | 1 | 3 | 9 | 14 | 11 | 15 | 6 | 2 | 3 | 4 |
| Mo. | 189 | — | 1 | 5 | 11 | 27 | 43 | 22 | 27 | 14 | 10 | 12 | 17 |
| N. Dak. | — | — | — | — | — | — | — | — | — | — | — | — | — |
| S. Dak. | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Nebr. | 21 | — | — | 1 | 3 | 4 | 4 | 2 | 2 | — | 3 | 2 | — |
| Kans. | 50 | — | — | — | 2 | 7 | 20 | 7 | 5 | 4 | — | 2 | 3 |
| S. Atlantic | 2,790 | 8 | 42 | 94 | 92 | 324 | 597 | 497 | 454 | 211 | 147 | 245 | 79 |
| Del. | 12 | — | — | — | — | 2 | 1 | 4 | 2 | 1 | — | 2 | — |
| Md. | 228 | — | 4 | 10 | 7 | 17 | 44 | 38 | 37 | 21 | 12 | 31 | 7 |
| D.C. | 22 | — | — | — | — | 1 | 5 | 7 | 3 | 1 | 1 | — | 4 |
| Va. | 218 | 2 | — | 2 | 6 | 18 | 49 | 47 | 34 | 16 | 16 | 23 | 5 |
| W. Va. | 32 | — | — | 3 | 2 | 6 | 4 | 5 | 2 | 6 | — | 4 | — |
| N.C. | 168 | 1 | 1 | 3 | 2 | 20 | 43 | 33 | 27 | 10 | 9 | 19 | — |
| S.C. | 78 | — | 2 | 1 | 2 | 7 | 17 | 9 | 19 | 6 | 6 | 5 | 4 |
| Ga. | 1,209 ¹ | 4 | 19 | 33 | 36 | 156 | 282 | 226 | 212 | 98 | 54 | 50 | 39 |
| Fla. | 823 | 1 | 16 | 42 | 37 | 97 | 152 | 128 | 118 | 52 | 49 | 111 | 20 |
| E.S. Central | 242 | — | 5 | 11 | 14 | 34 | 54 | 28 | 24 | 14 | 21 | 33 | 4 |
| Ky. | 30 | — | 2 | 1 | 1 | 4 | 8 | 5 | 1 | 1 | 3 | 3 | 1 |
| Tenn. | 92 | — | 1 | 2 | 4 | 11 | 26 | 9 | 12 | 7 | 9 | 11 | — |
| Ala. | 120 | — | 2 | 8 | 9 | 19 | 20 | 14 | 11 | 6 | 9 | 19 | 3 |
| Miss. | — | — | — | — | — | — | — | — | — | — | — | — | — |
| W.S. Central | 2,337 | 7 | 82 | 274 | 192 | 341 | 454 | 378 | 257 | 113 | 62 | 99 | 78 |
| Ark. | 50 | — | 2 | 5 | 3 | 9 | 8 | 7 | 6 | 1 | 1 | 4 | 4 |
| La. | 231 | — | 6 | 8 | 12 | 31 | 52 | 43 | 27 | 14 | 8 | 13 | 17 |
| Okla. | 216 | 1 | 4 | 11 | 11 | 29 | 40 | 30 | 31 | 14 | 7 | 22 | 16 |
| Texas | 1,840 | 6 | 70 | 250 | 166 | 272 | 354 | 298 | 193 | 84 | 46 | 60 | 41 |
| Mountain | 2,130 | 1² | 42² | 245 | 190 | 246 | 105² | 73² | 281 | 99 | 60 | 42 | 103 |
| Mont. | 2 | — | — | — | — | — | 2 | — | — | — | — | — | — |
| Idaho | 15 | — | — | 1 | 3 | 2 | 3 | 1 | 1 | 4 | — | — | — |
| Wyo. | 6 | — | — | — | — | — | 2 | 1 | — | — | 1 | — | 2 |
| Colo. | 174 | 1 | 5 | 11 | 19 | 21 | 35 | 25 | 28 | 8 | 7 | 5 | 9 |
| N. Mex. | 30 | — | — | — | — | — | — | — | — | — | — | — | 30 |
| Ariz. | 1,531 | (.....106.....) | — | 187 | 143 | 192 | (.....537.....) | — | 190 | 61 | 40 | 28 | 47 |
| Utah | 292 | — | 35 | 44 | 21 | 21 | 43 | 35 | 47 | 19 | 9 | 4 | 14 |
| Nev. | 80 | — | 2 | 2 | 4 | 10 | 20 | 11 | 15 | 7 | 3 | 5 | 1 |
| Pacific | 2,160 | — | 76 | 182 | 128 | 242 | 456 | 345 | 331 | 140 | 97 | 89 | 74 |
| Wash. | 224 | — | 1 | 16 | 13 | 26 | 51 | 32 | 33 | 10 | 18 | 9 | 15 |
| Oreg. | 83 | — | 6 | 7 | 3 | 10 | 12 | 8 | 14 | 10 | 4 | 9 | — |
| Calif. | 1,799 | — | 68 | 157 | 110 | 204 | 386 | 291 | 271 | 115 | 74 | 67 | 56 |
| Alaska | 28 | — | 1 | 2 | 2 | 1 | 1 | 5 | 8 | 4 | — | 2 | 1 |
| Hawaii | 26 | — | 0 | — | — | 1 | 6 | 9 | 5 | 1 | 1 | 2 | 2 |
| Guam | 72 | — | 2 | 4 | 3 | 12 | 12 | 14 | 13 | 2 | 3 | 3 | 4 |
| P.R. | 363 | 5 | 31 | 96 | 62 | 52 | 34 | 20 | 20 | 5 | 7 | 7 | 24 |
| V.I. | 11 | — | — | — | — | 1 | 7 | 2 | — | — | — | — | — |
| Pac. Trust Terr. | 59 | (.....) | (.....) | (.....) | (.....) | NA | (.....) | (.....) | (.....) | (.....) | (.....) | (.....) | 59 |

¹ Includes Hepatitis A (817 cases) and Hepatitis B (392 cases) reported by state of Georgia.
² Does not include cases reported by state of Arizona.
³ Cases represent patients not tested for HBsAg.

LEGIONELLOSIS

LEGIONELLOSIS — Reported sporadic cases by month of onset, United States 1978-1979

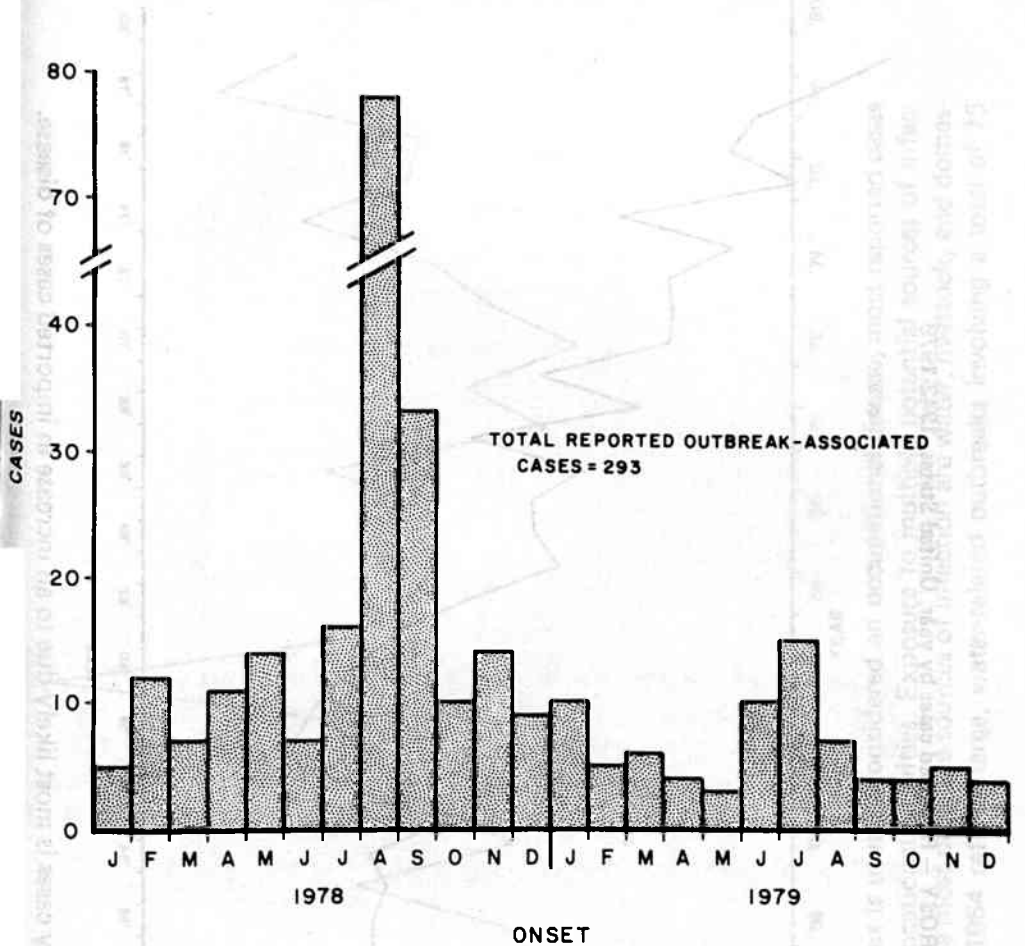


* IN 4 CASES MONTH OF ONSET UNKNOWN

Sporadic legionellosis demonstrates seasonality: in 1978-1979, 60% of cases had onset in July-October, whereas only 16% had onset in December-March. The observation that fewer cases were reported in 1979 than in 1978 is probably due to delayed reporting of 1979 cases.

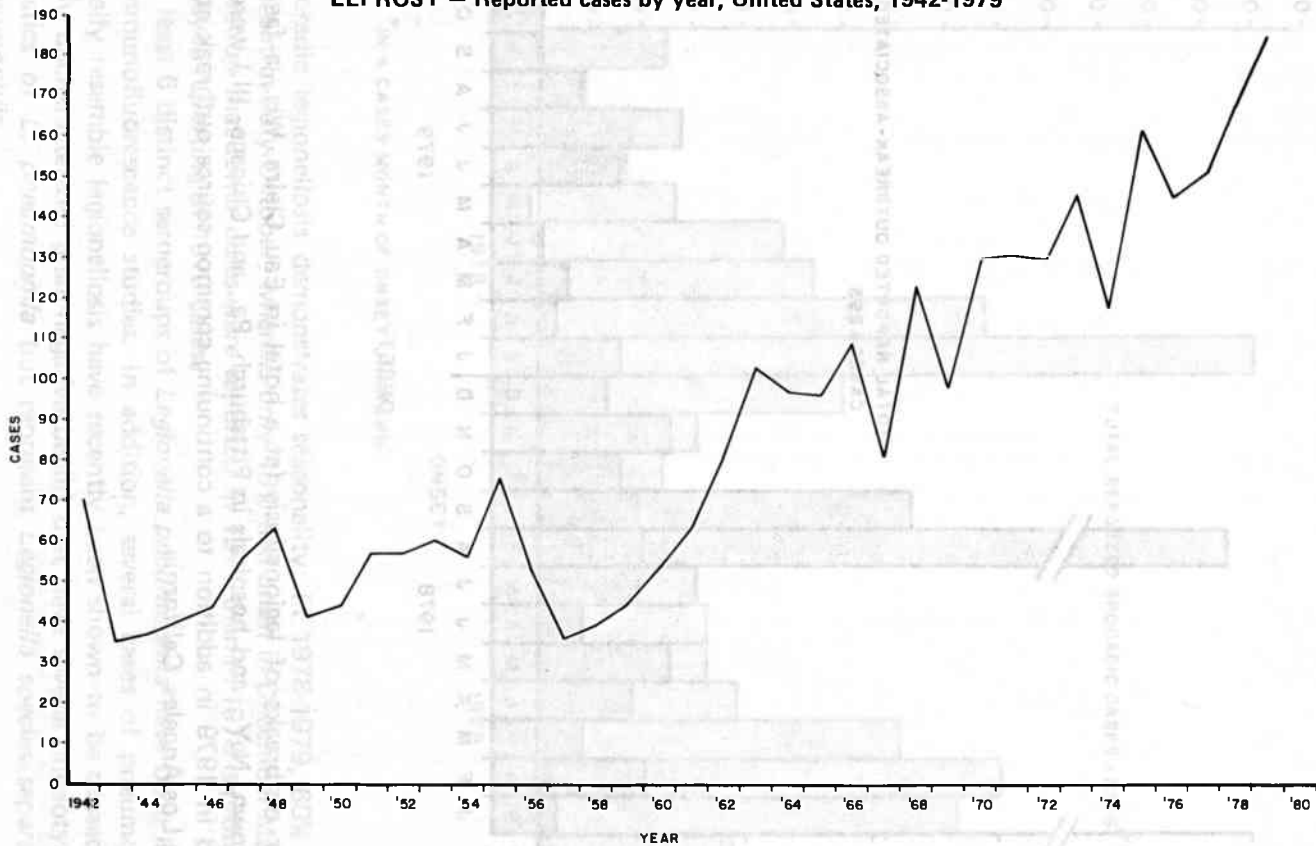
At least 6 distinct serogroups of *Legionella pneumophila* have been identified by immunofluorescence studies. In addition, several cases of pneumonia that clinically resemble legionellosis have recently been shown to be caused by previously uncharacterized gram-negative bacilli that have several phenotypic characteristics of *L. pneumophila* but represent *Legionella* species separate from *L. pneumophila*.

LEGIONELLOSIS — Reported epidemic cases by month of onset, United States, 1978-1979



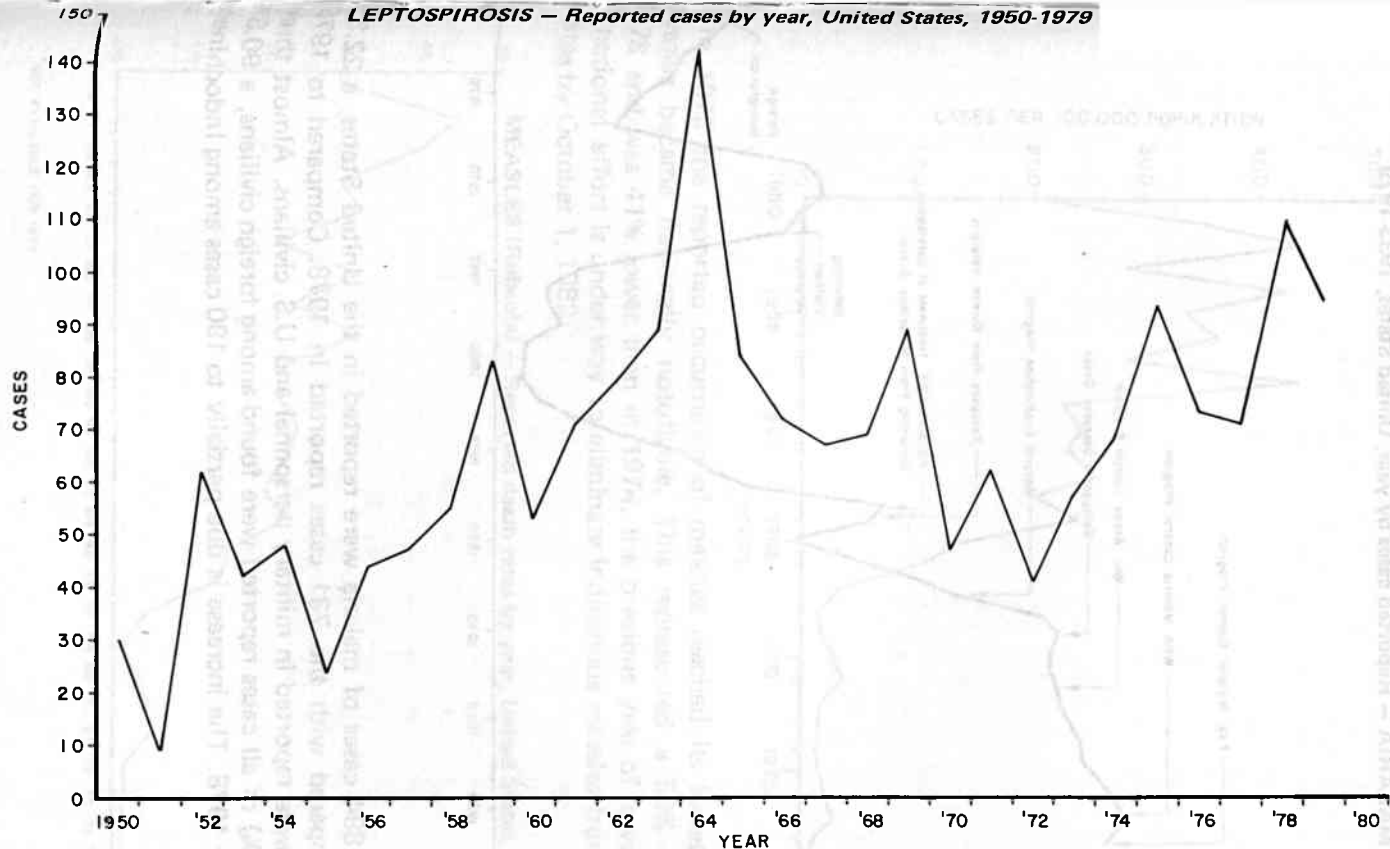
Four outbreaks of legionellosis (at a hotel in Eau Claire, Wis., a factory in Jamestown, N.Y., and hospitals in Pittsburgh, Pa., and Chicago, Ill.) were documented in 1979 in addition to a continuing common-source outbreak at a hospital in Los Angeles, California.

LEPROSY — Reported cases by year, United States, 1942-1979



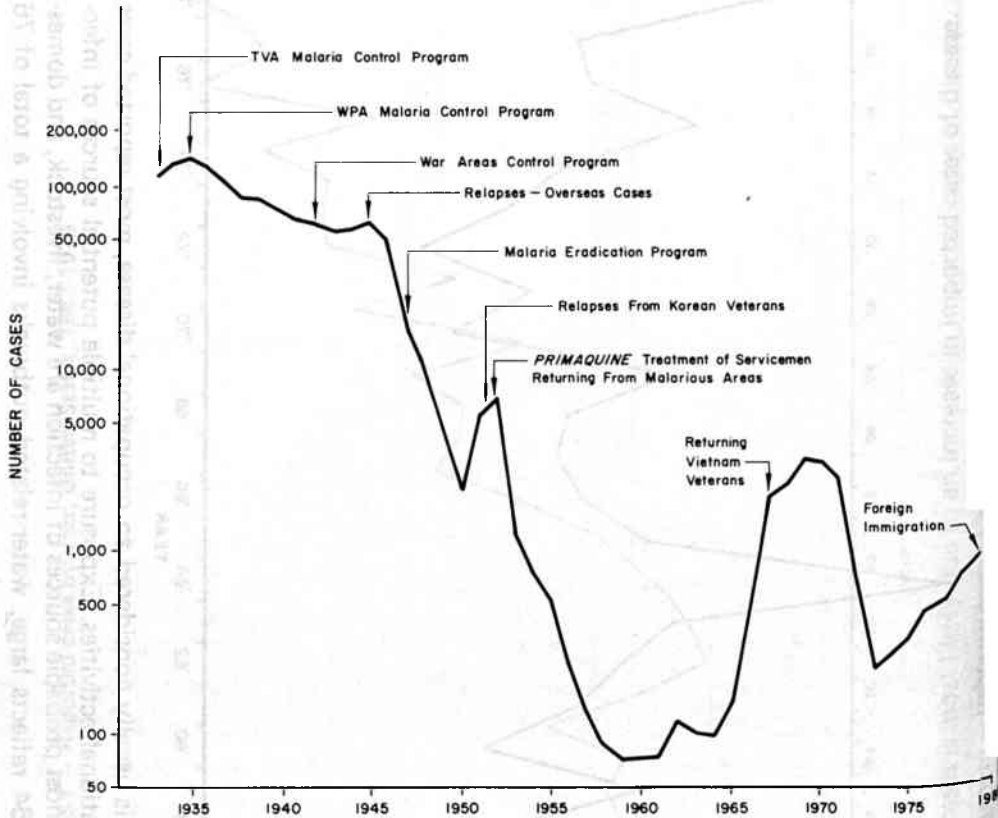
The increase in leprosy cases is most likely due to an increase in imported cases of disease.

LEPTOSPIROSIS — Reported cases by year, United States, 1950-1979



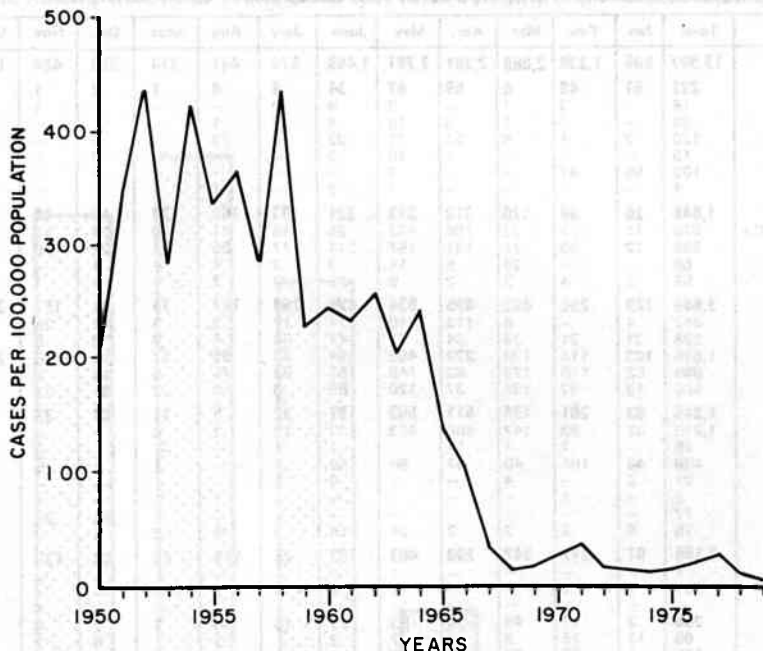
Although leptospirosis is usually considered an occupational disease, most reported cases are acquired during avocational activities. Exposure to multiple potential sources of infection is common, but the most probable sources of infection are water, livestock, and domestic pets. The peak in 1964 reflects large, water-related outbreaks involving a total of 76 persons.

MALARIA – Reported cases by year, United States, 1933-1979



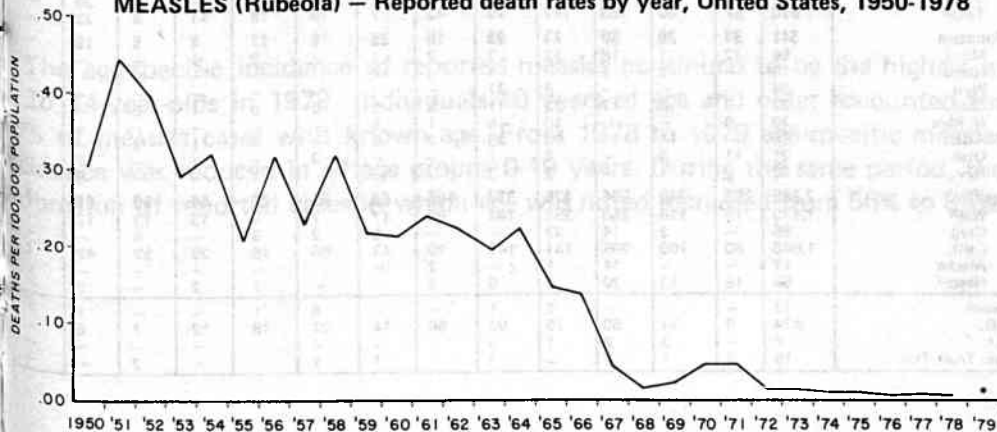
In 1979, 894 cases of malaria were reported in the United States, a 22.3% increase compared with the 731 cases reported in 1978. Compared to 1978, fewer cases were reported in military personnel and U.S. civilians. Almost three-quarters (72%) of all cases reported were found among foreign civilians, a 90.8% increase over 1978. The increase is due partially to 190 cases among Indo-Chinese refugees.

MEASLES (Rubeola) — Reported case rates by year, United States, 1950-1979



In 1979 the reported occurrence of measles reached its lowest level since measles became nationally notifiable. This represented a 50% decline from 1978 and was 41% lower than in 1974, the previous year of lowest incidence. A national effort is under way to eliminate indigenous measles from the United States by October 1, 1982.

MEASLES (Rubeola) — Reported death rates by year, United States, 1950-1978



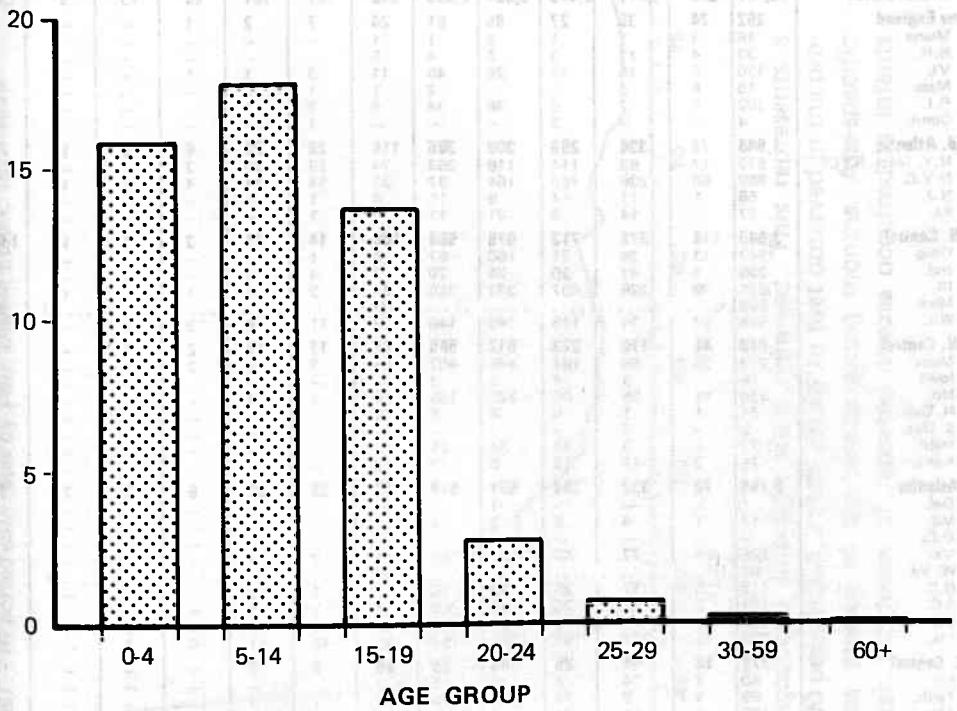
* NOT AVAILABLE FOR 1979

MEASLES

MEASLES (Rubeola) — Reported cases by state and by month, United States, 1979

| Area | Total | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Unk. |
|----------------------|---------------|------------|--------------|--------------|--------------|--------------|--------------|------------|------------|------------|------------|------------|------------|-----------|
| United States | 13,597 | 906 | 1,239 | 2,069 | 2,381 | 2,781 | 1,459 | 579 | 441 | 274 | 323 | 464 | 633 | 48 |
| New England | 292 | 61 | 48 | 6 | 59 | 67 | 34 | 8 | 4 | 1 | 2 | 1 | 1 | — |
| Maine | 18 | — | 3 | 1 | — | 7 | 4 | 2 | — | — | — | 1 | — | — |
| N.H. | 33 | — | 3 | 1 | 5 | 16 | 4 | 3 | 1 | — | — | — | — | — |
| Vt. | 120 | 2 | 1 | 4 | 53 | 31 | 22 | 3 | 2 | 1 | — | — | 1 | — |
| Mass. | 15 | — | — | — | 1 | 10 | 2 | — | — | — | 2 | — | — | — |
| R.I. | 102 | 59 | 41 | — | — | 2 | — | — | — | — | — | — | — | — |
| Conn. | 4 | — | — | — | — | 1 | 2 | — | 1 | — | — | — | — | — |
| Mid. Atlantic | 1,648 | 26 | 66 | 170 | 318 | 313 | 331 | 133 | 102 | 34 | 48 | 44 | 63 | — |
| N.Y. (excl. N.Y.C.) | 679 | 11 | 37 | 73 | 180 | 133 | 95 | 45 | 41 | 10 | 24 | 17 | 13 | — |
| N.Y.C. | 859 | 12 | 25 | 71 | 131 | 157 | 214 | 77 | 55 | 24 | 22 | 26 | 45 | — |
| N.J. | 58 | — | — | 23 | 5 | 14 | 9 | 2 | 4 | — | 1 | — | — | — |
| Pa. | 52 | 3 | 4 | 3 | 2 | 9 | 13 | 9 | 2 | — | 1 | 1 | 5 | — |
| E.N. Central | 3,645 | 229 | 296 | 422 | 495 | 834 | 429 | 204 | 117 | 78 | 81 | 157 | 300 | 3 |
| Ohio | 347 | 4 | — | 8 | 113 | 110 | 11 | 17 | 2 | 5 | 16 | 26 | 32 | 3 |
| Ind. | 228 | 21 | 21 | 35 | 34 | 42 | 12 | 34 | 4 | 9 | 8 | 5 | 3 | — |
| Ill. | 1,636 | 103 | 114 | 128 | 229 | 405 | 174 | 82 | 65 | 37 | 13 | 86 | 200 | — |
| Mich. | 869 | 82 | 119 | 123 | 82 | 148 | 167 | 63 | 36 | 5 | 13 | 8 | 23 | — |
| Wis. | 565 | 19 | 42 | 128 | 37 | 129 | 65 | 8 | 10 | 22 | 31 | 32 | 42 | — |
| W.N. Central | 1,846 | 93 | 201 | 194 | 511 | 503 | 187 | 32 | 5 | 11 | 57 | 33 | 19 | — |
| Minn. | 1,219 | 37 | 93 | 147 | 400 | 413 | 102 | 19 | 2 | 6 | — | — | — | — |
| Iowa | 16 | — | 1 | 1 | 12 | — | 1 | — | — | — | — | — | — | — |
| Mo. | 436 | 48 | 104 | 40 | 97 | 56 | 59 | 4 | — | 1 | 7 | 5 | 15 | — |
| N. Dak. | 21 | 2 | — | 4 | — | — | 9 | 5 | — | 1 | — | — | — | — |
| S. Dak. | 2 | — | 1 | — | — | — | — | — | 1 | — | — | — | — | — |
| Nebr. | 77 | — | — | — | — | — | — | — | — | — | 45 | 28 | 4 | — |
| Kans. | 75 | 6 | 2 | 2 | 2 | 34 | 16 | 3 | 2 | 3 | 5 | — | — | — |
| S. Atlantic | 2,194 | 91 | 217 | 347 | 289 | 463 | 192 | 76 | 119 | 88 | 68 | 135 | 71 | 38 |
| Del. | 1 | — | — | — | — | 1 | — | — | — | — | — | — | — | — |
| Md. | 17 | 3 | 2 | — | — | 2 | 1 | 7 | 2 | — | — | — | — | — |
| D.C. | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Va. | 288 | 2 | 11 | 45 | 23 | 83 | 73 | 13 | 16 | 7 | 2 | 4 | 9 | — |
| W. Va. | 65 | 13 | 16 | 5 | 7 | 7 | 2 | — | 3 | 1 | 6 | 2 | 3 | — |
| N.C. | 115 | — | 39 | 28 | 29 | 5 | 5 | — | 3 | 1 | 2 | — | — | — |
| S.C. | 183 | — | 16 | 49 | 23 | 27 | 28 | 6 | 1 | 18 | 1 | 13 | 1 | — |
| Ga. | 587 | — | 2 | 33 | 76 | 221 | 12 | 15 | 76 | 31 | 28 | 67 | 26 | — |
| Fla. | 938 | 72 | 131 | 187 | 131 | 117 | 71 | 34 | 18 | 30 | 29 | 49 | 31 | 38 |
| E.S. Central | 278 | 8 | 20 | 28 | 20 | 46 | 37 | 21 | 10 | 7 | 4 | 27 | 50 | — |
| Ky. | 60 | 5 | 3 | 5 | 2 | 5 | 3 | 14 | — | — | — | 2 | 21 | — |
| Tenn. | 69 | — | 3 | 5 | 5 | 32 | 2 | 1 | 3 | 6 | 3 | 8 | 1 | — |
| Ala. | 129 | 2 | 14 | 12 | 12 | 6 | 28 | 6 | 3 | 1 | 1 | 17 | 27 | — |
| Miss. | 20 | 1 | — | 6 | 1 | 3 | 4 | — | 4 | — | — | — | 1 | — |
| W.S. Central | 987 | 68 | 131 | 278 | 191 | 120 | 78 | 9 | 11 | 23 | 15 | 12 | 51 | — |
| Ark. | 7 | 5 | — | 1 | — | 1 | — | — | — | — | — | — | — | — |
| La. | 268 | 6 | 50 | 87 | 27 | 38 | 36 | 2 | 2 | 5 | 4 | 3 | 8 | — |
| Okla. | 42 | — | 1 | 2 | 17 | 2 | — | — | — | — | — | — | 20 | — |
| Texas | 670 | 57 | 80 | 188 | 147 | 79 | 42 | 7 | 9 | 18 | 11 | 9 | 23 | — |
| Mountain | 341 | 37 | 20 | 30 | 73 | 98 | 16 | 28 | 8 | 12 | 4 | 5 | 10 | — |
| Mont. | 56 | 12 | 1 | 18 | 12 | 7 | 2 | 1 | — | 2 | 1 | — | — | — |
| Idaho | 18 | — | 2 | 1 | — | — | — | 14 | — | — | — | — | — | — |
| Wyo. | 36 | — | — | — | 5 | 31 | — | — | — | — | — | — | — | — |
| Colo. | 72 | 3 | 3 | 7 | 22 | 11 | 8 | 5 | 5 | 1 | 2 | — | — | — |
| N. Mex. | 38 | 9 | — | — | 18 | 5 | 1 | 5 | — | — | — | — | — | — |
| Ariz. | 80 | — | 11 | 4 | 13 | 39 | 2 | 3 | — | 4 | 1 | 3 | — | — |
| Utah | 21 | 11 | 2 | — | 1 | 1 | — | — | 3 | — | 1 | — | 2 | — |
| Nev. | 20 | 2 | 1 | — | 2 | 3 | 3 | — | — | 1 | — | — | 8 | — |
| Pacific | 2,366 | 293 | 240 | 594 | 425 | 337 | 155 | 68 | 65 | 20 | 44 | 50 | 68 | 7 |
| Wash. | 1,170 | 215 | 116 | 250 | 258 | 184 | 80 | 17 | 7 | — | 13 | 13 | 17 | — |
| Oreg. | 66 | — | 2 | 14 | 32 | — | — | 8 | 2 | 3 | — | 5 | — | — |
| Calif. | 1,045 | 60 | 109 | 296 | 131 | 147 | 70 | 43 | 56 | 16 | 29 | 32 | 49 | 7 |
| Alaska | 17 | — | — | 14 | 1 | — | 2 | — | — | — | — | — | — | — |
| Hawaii | 68 | 18 | 13 | 20 | 3 | 6 | 3 | — | — | 1 | 2 | — | 2 | — |
| Guam | 13 | — | — | — | 2 | 1 | — | — | 8 | 1 | — | — | 1 | — |
| P.R. | 434 | 9 | 74 | 50 | 75 | 92 | 56 | 14 | 21 | 18 | 12 | 7 | 6 | — |
| V.I. | 6 | — | 3 | 2 | 1 | — | — | — | — | — | — | — | — | — |
| Pac. Trust Terr. | 10 | 2 | 1 | 2 | — | 1 | — | 1 | 1 | — | — | 2 | — | — |

MEASLES (Rubeola) — Reported case rates by age group,* United States, 1979



*EXCLUDES UNKNOWN AGES.

The age-specific incidence of reported measles continued to be the highest in 5- to 14-year-olds in 1979. Individuals 10 years of age and older accounted for 36% of measles cases with known age. From 1978 to 1979 age-specific measles incidence was reduced in all age groups 0-19 years. During the same period, the proportion of reported cases in which age was noted increased from 56% to 85%.

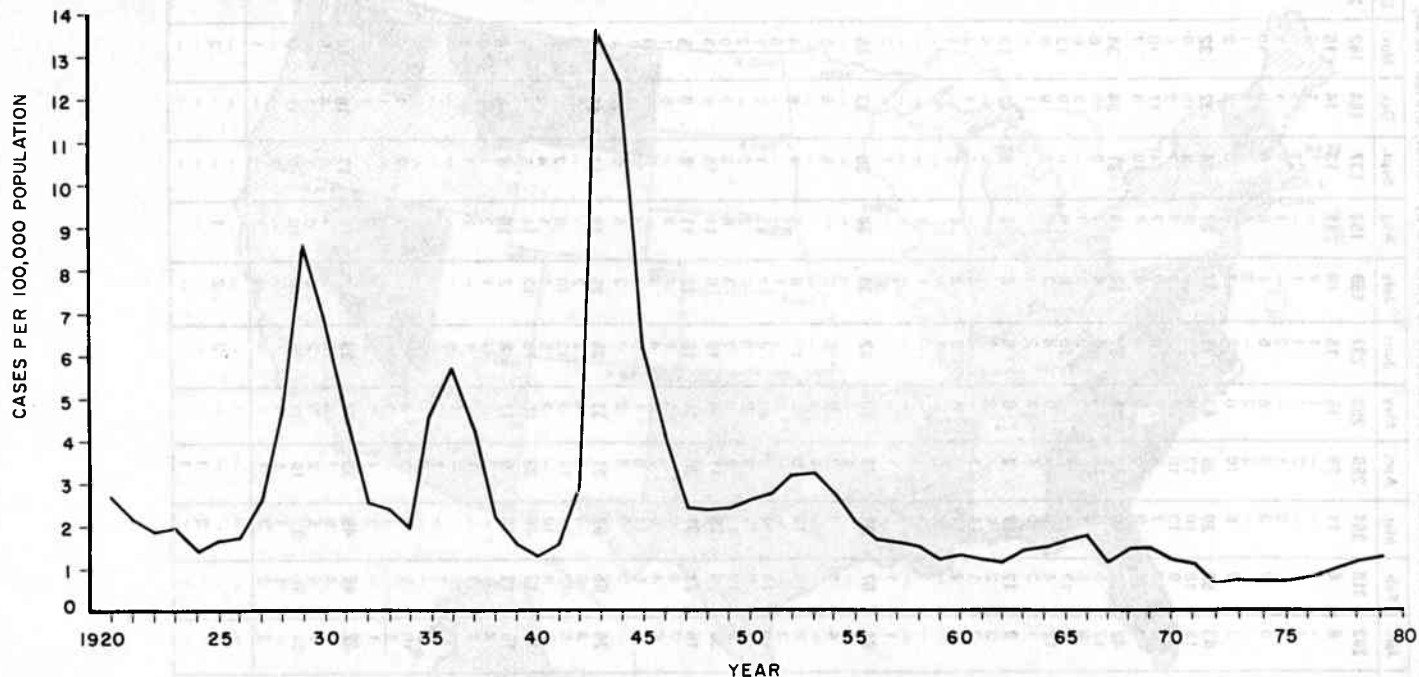
MEASLES

MEASLES (Rubeola) — Reported cases by state and by age, United States, 1979

| Area | Total | Under 1 | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-39 | 40-49 | 50-59 | 60+ | Unk. |
|----------------------|---------------|------------------------|--------------------------|--------------|--------------|--------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|----------------------|--------------------------|
| United States | 13,597 | 520¹ | 1,811¹ | 2,473 | 3,054 | 2,633² | 512² | 127² | 101² | 28² | 13² | 5² | 2,083³ |
| New England | 292 | 24 | 35 | 27 | 85 | 81 | 24 | 7 | 2 | 1 | — | — | 6 |
| Maine | 18 | 3 | 1 | 1 | 8 | 1 | 1 | — | — | — | — | — | 3 |
| N.H. | 33 | 4 | 12 | 3 | 5 | 4 | 5 | — | — | — | — | — | — |
| Vt. | 120 | 6 | 15 | 14 | 26 | 40 | 11 | 3 | 1 | 1 | — | — | 3 |
| Mass. | 15 | 6 | 5 | — | — | 2 | 1 | 1 | — | — | — | — | — |
| R.I. | 102 | 5 | 2 | 6 | 46 | 34 | 6 | 2 | 1 | — | — | — | — |
| Conn. | 4 | — | — | 3 | — | — | — | 1 | — | — | — | — | — |
| Mid. Atlantic | 1,648 | 78 | 324 | 296 | 309 | 386 | 116 | 29 | 24 | 6 | 5 | 1 | 74 |
| N.Y. (excl. NYC) | 679 | 17 | 63 | 114 | 116 | 263 | 74 | 13 | 10 | 2 | 3 | — | 4 |
| N.Y.C. | 859 | 60 | 236 | 165 | 164 | 97 | 32 | 14 | 14 | 4 | 2 | 1 | 70 |
| N.J. | 58 | 1 | 11 | 14 | 8 | 15 | 8 | 1 | — | — | — | — | — |
| Pa. | 52 | — | 14 | 3 | 21 | 11 | 2 | 1 | — | — | — | — | — |
| E.N. Central | 3,645 | 118 | 375 | 713 | 675 | 589 | 100 | 18 | 11 | 3 | 1 | 1 | 1,041⁴ |
| Ohio | 347 | 13 | 28 | 71 | 160 | 67 | 6 | 1 | — | — | — | — | 80 |
| Ind. | 228 | 4 | 47 | 30 | 33 | 20 | 7 | 4 | 3 | — | — | — | 7 |
| Ill. | 1,636 | 79 | 226 | 497 | 333 | 356 | 64 | 2 | 2 | 1 | — | 1 | 869 |
| Mich. | 869 | — | — | — | — | — | NA | — | — | — | — | — | 16 |
| Wis. | 565 | 22 | 74 | 115 | 149 | 146 | 23 | 11 | 6 | 2 | 1 | — | 20 |
| W.N. Central | 1,846 | 41 | 170 | 323 | 612 | 586 | 68 | 11 | 12 | 2 | 1 | — | 6 |
| Minn. | 1,219 | 25 | 89 | 193 | 440 | 407 | 44 | 7 | 5 | 2 | 1 | — | 2 |
| Iowa | 16 | — | 3 | 4 | 6 | 3 | — | — | — | — | — | — | — |
| Mo. | 436 | 13 | 55 | 96 | 123 | 106 | 18 | 4 | 7 | — | — | — | 14 |
| N. Dak. | 21 | 1 | 2 | 5 | 4 | 8 | 2 | — | — | — | — | — | — |
| S. Dak. | 2 | — | 2 | — | — | — | — | — | — | — | — | — | — |
| Nebr. | 77 | — | 3 | 13 | 34 | 25 | 2 | — | — | — | — | — | — |
| Kans. | 75 | 2 | 17 | 12 | 5 | 37 | 2 | — | — | — | — | — | — |
| S. Atlantic | 2,194 | 78 | 352 | 398 | 591 | 516 | 73 | 32 | 22 | 6 | 2 | 2 | 122 |
| Del. | 1 | — | — | — | 1 | — | — | — | — | — | — | — | — |
| Md. | 17 | 1 | 4 | 6 | 2 | 4 | — | — | — | — | — | — | — |
| D.C. | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Va. | 288 | 9 | 22 | 43 | 88 | 109 | 11 | 2 | 4 | — | — | — | — |
| W. Va. | 65 | — | — | — | — | — | NA | — | — | — | — | — | 65 |
| N.C. | 115 | 5 | 17 | 25 | 39 | 16 | 7 | 4 | 2 | — | — | — | 21 |
| S.C. | 183 | 2 | 15 | 20 | 49 | 69 | 4 | 2 | 1 | — | — | — | 13 |
| Ga. | 587 | 45 | 67 | 115 | 194 | 121 | 16 | 8 | 4 | 1 | 1 | 2 | 23 |
| Fla. | 938 | 16 | 227 | 189 | 218 | 197 | 35 | 16 | 11 | 5 | 1 | — | 83 |
| E.S. Central | 278 | 12 | 44 | 25 | 46 | 45 | 19 | 2 | 2 | — | — | — | 1 |
| Ky. | 60 | 7 | 24 | 4 | 13 | 8 | 3 | — | — | — | — | — | — |
| Tenn. | 69 | 4 | 9 | 10 | 10 | 20 | 14 | 1 | 1 | — | — | — | — |
| Ala. | 129 | 1 | 11 | 11 | 22 | 14 | 2 | 1 | 1 | — | — | — | 66 |
| Miss. | 20 | — | — | — | 1 | 3 | — | — | — | — | — | — | 16 |
| W.S. Central | 987 | 45 | 107 | 177 | 266 | 197 | 21 | 4 | 4 | 1 | 1 | — | 164⁴ |
| Ark. | 7 | 1 | 2 | 2 | 1 | — | — | — | — | — | — | — | 1 |
| La. | 268 | 3 | 26 | 46 | 100 | 86 | 4 | 1 | — | — | — | — | 2 |
| Okla. | 42 | 2 | 1 | 7 | 19 | 13 | — | — | — | — | — | — | — |
| Texas | 670 | 39 | 78 | 122 | 146 | 98 | 17 | 3 | 4 | 1 | 1 | — | 161 ⁴ |
| Mountain | 341 | 18¹ | 76¹ | 70 | 67 | 65 | 13¹ | 2¹ | — | 1 | — | — | 14 |
| Mont. | 56 | 4 | 21 | 14 | 8 | 5 | 4 | — | — | — | — | — | — |
| Idaho | 18 | 2 | 4 | 3 | — | 3 | 2 | 1 | — | — | — | — | — |
| Wyo. | 36 | 2 | 1 | 10 | 10 | 10 | 3 | — | — | — | — | — | — |
| Colo. | 72 | 1 | 24 | 25 | 12 | 5 | 3 | 1 | — | 1 | — | — | — |
| N. Mex. | 38 | 2 | 11 | 3 | 4 | 17 | 1 | — | — | — | — | — | — |
| Ariz. | 80 | (... 13...) | — | 10 | 31 | 24 | (... 2...) | — | — | — | — | — | — |
| Utah | 21 | 5 | 12 | 2 | 1 | — | — | — | — | — | — | — | 1 |
| Nev. | 20 | 2 | 3 | 3 | 1 | 1 | — | — | — | — | — | — | 10 |
| Pacific | 2,366 | 106 | 328 | 444 | 403 | 168² | 78² | 22² | 24² | 8² | 3² | 1² | 559³ |
| Wash. | 1,170 | 48 | 149 | 254 | 226 | — | — | — | 222 | — | — | — | 271 |
| Oreg. | 66 | 2 | 16 | 30 | 9 | 4 | 2 | 3 | — | — | — | — | — |
| Calif. | 1,045 | 55 | 136 | 152 | 158 | 141 | 68 | 16 | 22 | 8 | 3 | 1 | 285 |
| Alaska | 17 | — | 1 | — | — | 7 | 6 | — | — | — | — | — | 3 |
| Hawaii | 68 | 1 | 26 | 8 | 10 | 16 | 2 | 3 | 2 | — | — | — | — |
| Guam | 13 | — | 9 | 3 | — | — | — | — | — | — | — | — | 1 |
| P.R. | 434 | 40 | 118 | 60 | 23 | 12 | 14 | 1 | 13 | 1 | — | — | 152 |
| V.I. | 6 | — | 3 | 3 | — | — | — | — | — | — | — | — | — |
| Pac. Trust Terr. | 10 | (... NA ...) | — | — | — | — | — | — | — | — | — | — | 10 |

¹ Does not include cases reported by state of Arizona.
² Does not include cases reported by state of Washington.
³ Does not include cases reported by states of Arizona and Washington.
⁴ Includes 148 military recruits.

MENINGOCOCCAL INFECTIONS (Total) — Reported case rates by year, United States, 1920-1979

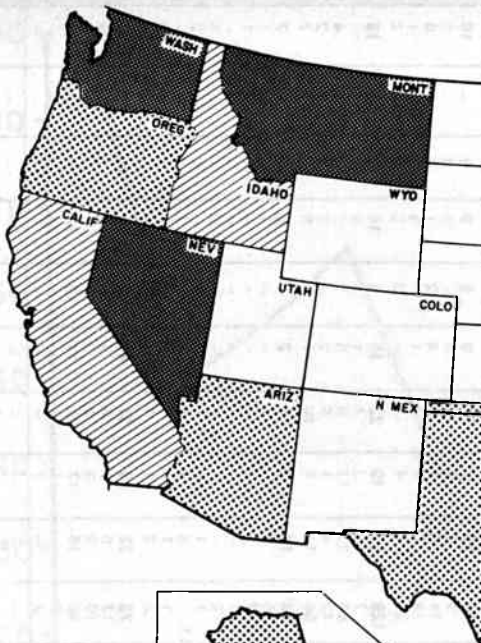


For 1979, 2,724 cases of meningococcal infection were reported. This represents a national rate of 1.2 cases per 100,000 population, a rate similar to that observed in the preceding several years. Reported cases peaked in the winter-spring months. Age-specific incidence rates showed that the peak incidence of reported disease occurred in infants <1 year of age.

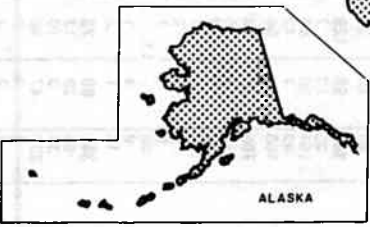
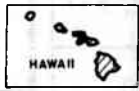
MENINGOCOCCAL INFECTIONS

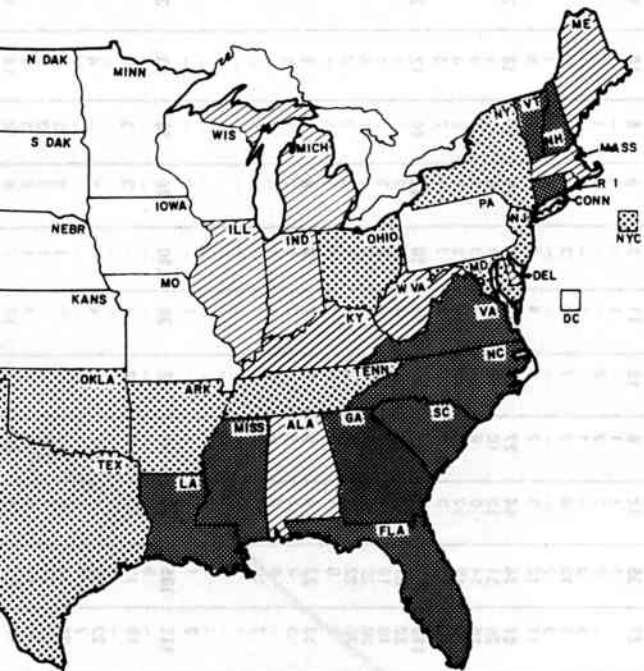
MENINGOCOCCAL INFECTIONS (Total) — Reported cases by state and by month, United States, 1979





| Area | Total | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |
|----------------------|--------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| United States | 2,724 | 283 | 318 | 351 | 250 | 253 | 237 | 159 | 154 | 137 | 154 | 182 | 228 |
| New England | 155 | 9 | 6 | 11 | 20 | 15 | 15 | 10 | 11 | 13 | 14 | 16 | 15 |
| Maine | 9 | — | 1 | — | — | 1 | 1 | 2 | — | 1 | 2 | — | — |
| N.H. | 15 | 1 | 1 | — | 2 | 1 | 1 | 1 | — | 1 | 5 | — | 2 |
| Vt. | 8 | — | — | 2 | 1 | — | 2 | — | 1 | — | 1 | 1 | — |
| Mass. | 60 | 5 | 2 | 3 | 5 | 5 | 5 | 4 | 6 | 8 | 3 | 10 | 4 |
| R.I. | 9 | — | — | — | 2 | 2 | — | 1 | 1 | — | 1 | 1 | 1 |
| Conn. | 54 | 3 | 2 | 6 | 10 | 6 | 6 | 2 | 3 | 3 | 3 | 2 | 8 |
| Mid. Atlantic | 428 | 43 | 52 | 39 | 35 | 43 | 35 | 28 | 27 | 24 | 32 | 32 | 36 |
| N.Y. (excl. N.Y.C.) | 145 | 15 | 18 | 10 | 12 | 14 | 17 | 10 | 9 | 3 | 10 | 9 | 18 |
| N.Y.C. | 91 | 11 | 9 | 13 | 10 | 8 | 8 | 3 | 7 | 7 | 2 | 6 | 7 |
| N.J. | 109 | 9 | 19 | 7 | 8 | 12 | 4 | 10 | 7 | 4 | 11 | 10 | 8 |
| Pa. | 83 | 8 | 6 | 9 | 5 | 9 | 6 | 5 | 4 | 10 | 9 | 7 | 3 |
| E.N. Central | 405 | 42 | 37 | 40 | 48 | 34 | 37 | 18 | 19 | 21 | 34 | 34 | 30 |
| Ohio | 127 | 17 | 9 | 6 | 24 | 5 | 10 | 4 | 4 | 9 | 13 | 6 | 9 |
| Ind. | 54 | 8 | 5 | 7 | 6 | 3 | 5 | 3 | 4 | 4 | 2 | 6 | 5 |
| Ill. | 125 | 4 | 17 | 13 | 8 | 14 | 15 | 8 | 5 | 9 | 9 | 13 | 10 |
| Mich. | 79 | 12 | 4 | 9 | 6 | 9 | 5 | 2 | 6 | 3 | 9 | 9 | 5 |
| Wis. | 20 | 1 | 2 | 5 | 4 | 3 | 2 | 1 | — | — | 1 | — | 1 |
| W.N. Central | 85 | 8 | 12 | 17 | 2 | 6 | 5 | 8 | 2 | 9 | 1 | 10 | 5 |
| Minn. | 19 | 3 | 2 | 2 | — | 2 | 1 | — | — | 5 | — | 4 | — |
| Iowa | 15 | 2 | 1 | 1 | 1 | — | — | 4 | — | 1 | — | — | 1 |
| Mo. | 38 | 2 | 7 | 11 | — | 4 | 3 | 3 | 1 | 2 | 1 | 3 | 4 |
| N. Dak. | 1 | — | — | — | — | — | — | — | — | — | — | — | — |
| S. Dak. | 4 | — | 1 | 1 | — | — | — | 1 | 1 | — | — | — | — |
| Nebr. | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Kans. | 8 | 1 | 1 | 2 | 1 | — | — | — | — | 1 | — | 2 | — |
| S. Atlantic | 628 | 81 | 67 | 92 | 49 | 70 | 42 | 33 | 38 | 30 | 33 | 45 | 43 |
| Del. | 5 | 2 | — | 2 | 1 | — | — | — | — | — | — | — | 5 |
| Md. | 60 | 4 | 6 | 7 | 7 | 9 | 5 | 2 | — | 5 | 5 | 5 | — |
| D.C. | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Va. | 87 | 9 | 10 | 15 | 6 | 5 | 11 | 6 | 5 | 4 | 5 | 4 | 7 |
| W. Va. | 18 | 3 | — | — | — | 3 | 1 | 1 | — | — | — | 5 | 5 |
| N.C. | 95 | 10 | 10 | 14 | 7 | 10 | 4 | 7 | 13 | 1 | 7 | 7 | 5 |
| S.C. | 69 | 8 | 9 | 13 | 8 | 8 | 2 | 6 | 3 | 2 | 2 | 2 | 8 |
| Ga. | 91 | 9 | 12 | 12 | 9 | 9 | 7 | 3 | 6 | 3 | 7 | 9 | 5 |
| Fla. | 203 | 36 | 20 | 29 | 11 | 26 | 12 | 8 | 11 | 15 | 9 | 13 | 8 |
| E.S. Central | 184 | 16 | 22 | 31 | 20 | 11 | 18 | 13 | 11 | 8 | 9 | 5 | 20 |
| Ky. | 35 | 7 | 4 | 2 | — | 5 | 5 | 4 | 2 | — | 5 | 1 | — |
| Tenn. | 54 | 8 | 4 | 9 | 7 | 3 | 4 | 3 | — | 6 | — | 3 | 7 |
| Ala. | 41 | 1 | 5 | 11 | 5 | 1 | 5 | 4 | 4 | — | 2 | 1 | 2 |
| Miss. | 54 | — | 9 | 9 | 8 | 2 | 4 | 2 | 5 | 2 | 2 | — | 11 |
| W.S. Central | 388 | 24 | 65 | 62 | 37 | 31 | 38 | 25 | 18 | 11 | 11 | 15 | 51 |
| Ark. | 29 | 3 | 6 | 4 | 3 | 4 | 2 | 2 | — | — | — | 3 | 2 |
| La. | 151 | 5 | 42 | 20 | 11 | 8 | 13 | 10 | 6 | 2 | 4 | 3 | 31 |
| Okla. | 42 | 2 | 4 | 10 | — | 3 | 5 | 1 | 1 | 4 | 4 | 3 | 5 |
| Texas | 166 | 14 | 13 | 28 | 23 | 16 | 18 | 12 | 11 | 5 | 7 | 6 | 13 |
| Mountain | 100 | 18 | 11 | 10 | 9 | 11 | 8 | 2 | 10 | 4 | 4 | 9 | 4 |
| Mont. | 15 | 2 | — | — | 2 | — | 2 | 1 | 2 | 1 | 1 | 2 | 2 |
| Idaho | 10 | 1 | 2 | — | 1 | — | 1 | — | 2 | 1 | — | — | — |
| Wyo. | 1 | — | — | — | — | 1 | — | — | — | — | — | — | — |
| Colo. | 8 | — | 1 | — | 1 | 2 | — | — | 1 | — | — | 3 | — |
| N. Mex. | 6 | 2 | — | — | 2 | — | — | — | — | — | — | — | 1 |
| Ariz. | 38 | 10 | 8 | 6 | 2 | 4 | 1 | — | 2 | 2 | 1 | 1 | 1 |
| Utah | 9 | 2 | — | 1 | — | 3 | 2 | 1 | — | — | 1 | — | — |
| Nev. | 13 | 1 | — | 3 | 1 | 1 | 2 | 1 | 2 | — | 1 | 1 | — |
| Pacific | 351 | 42 | 46 | 49 | 30 | 32 | 39 | 22 | 18 | 17 | 16 | 16 | 24 |
| Wash. | 66 | 6 | 4 | 9 | 7 | 6 | 10 | 2 | 1 | 6 | 4 | 6 | 5 |
| Oreg. | 33 | 1 | 4 | 5 | 2 | 2 | 2 | 2 | 6 | 1 | 1 | — | 7 |
| Calif. | 237 | 33 | 35 | 32 | 19 | 23 | 26 | 18 | 10 | 9 | 11 | 9 | 12 |
| Alaska | 6 | — | 1 | 1 | 1 | 1 | — | — | — | 1 | — | — | — |
| Hawaii | 9 | 2 | 2 | 2 | 1 | — | — | — | 1 | — | — | 1 | — |
| Guam | 1 | — | — | — | — | 1 | — | — | — | — | — | — | — |
| P.R. | 9 | — | — | — | — | — | 2 | 2 | 1 | — | — | 2 | 2 |
| V.I. | 3 | — | — | 2 | 1 | — | — | — | — | — | — | — | — |
| Pac. Trust Terr. | 2 | — | — | — | 1 | — | — | — | — | — | — | — | 1 |



PACIFIC TRUST TERRITORY





-  LOWER QUARTILE (0.0-0.78)
-  LOWER-MIDDLE QUARTILE (0.82-1.11)
-  UPPER-MIDDLE QUARTILE (1.18-1.56)
-  UPPER QUARTILE (1.62-3.76)



UNITED STATES TOTAL 1.24

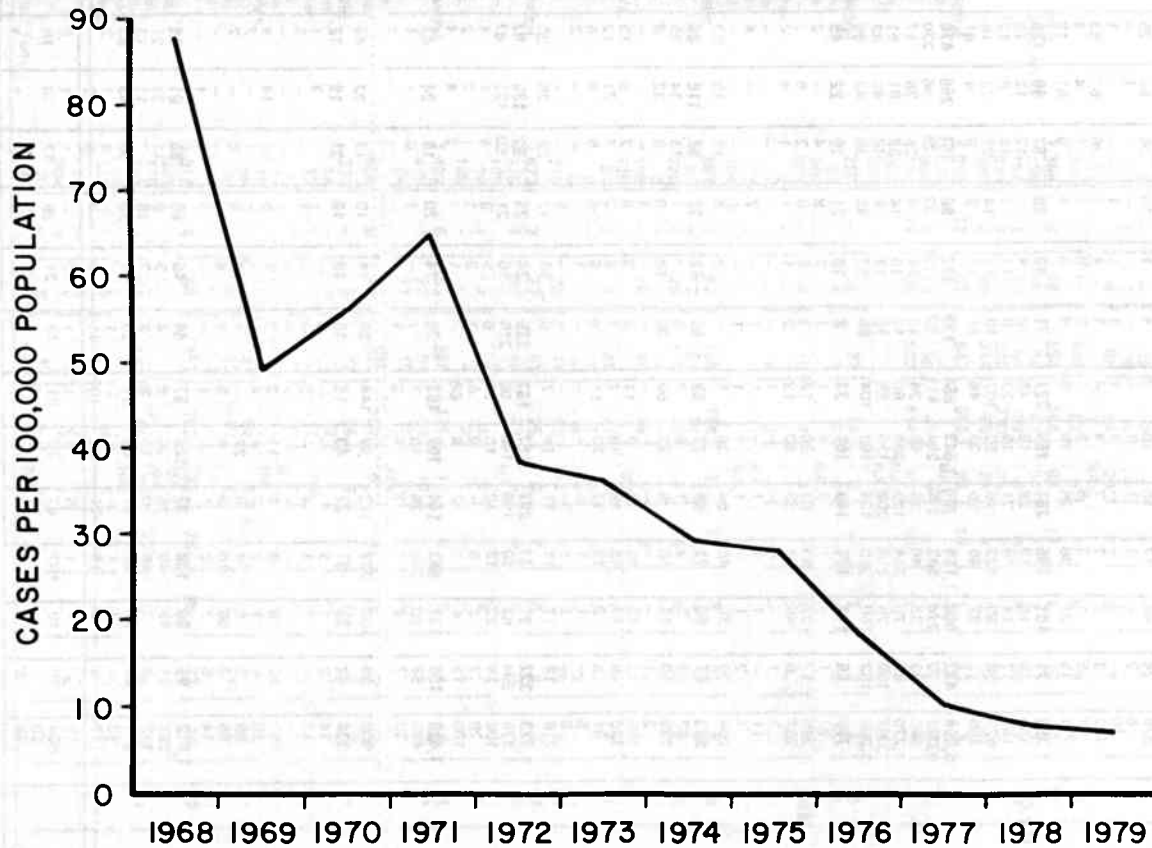
MENINGOCOCCAL INFECTIONS

MENINGOCOCCAL INFECTIONS (Total) -- Reported Cases by state and by age, United States, 1979

| Area | Total | Under 1 | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-39 | 40-49 | 50-59 | 60+ | Unk. |
|----------------------|--------------|------------------------|------------------------|------------|------------|------------|------------|-----------|------------|-----------|-----------|------------|------|
| United States | 2,724 | 586¹ | 717¹ | 219 | 172 | 238 | 139 | 67 | 109 | 96 | 98 | 146 | |
| New England | 155 | 27 | 35 | 12 | 8 | 15 | 11 | 7 | 6 | 5 | 10 | 13 | |
| Maine | 9 | — | 1 | 1 | 1 | — | — | — | 1 | — | 1 | — | |
| N.H. | 15 | 3 | 5 | 2 | 2 | 2 | — | — | — | 1 | — | — | |
| Vt. | 8 | 3 | 3 | — | 1 | — | — | — | — | — | — | — | |
| Mass. | 60 | 7 | 12 | 6 | 2 | 7 | 5 | 3 | 3 | 1 | 3 | 8 | |
| R.I. | 9 | 3 | 2 | — | — | — | — | — | 1 | — | — | 1 | |
| Conn. | 54 | 11 | 12 | 3 | 2 | 6 | 4 | 4 | 1 | 2 | 5 | 4 | |
| Mid. Atlantic | 428 | 91 | 74 | 44 | 27 | 60 | 30 | 11 | 19 | 21 | 18 | 29 | |
| N.Y. (excl. N.Y.C.) | 145 | 29 | 31 | 18 | 10 | 18 | 7 | 3 | 9 | 8 | 4 | 8 | |
| N.Y.C. | 91 | 16 | 14 | 9 | 8 | 15 | 4 | 3 | 5 | 1 | 7 | 9 | |
| N.J. | 109 | 22 | 18 | 12 | 8 | 16 | 10 | 3 | 3 | 5 | 4 | 6 | |
| Pa. | 83 | 24 | 11 | 5 | 1 | 11 | 9 | 2 | 2 | 7 | 3 | 6 | |
| E.N. Central | 405 | 110 | 123 | 24 | 23 | 36 | 17 | 10 | 12 | 10 | 12 | 21 | |
| Ohio | 127 | 32 | 51 | 8 | 7 | 5 | 3 | 3 | 2 | 3 | 4 | 8 | |
| Ind. | 54 | 16 | 16 | 1 | 5 | 5 | 1 | 2 | 3 | 2 | 1 | 2 | |
| Ill. | 125 | 36 | 29 | 6 | 3 | 18 | 9 | 3 | 4 | 1 | 5 | 8 | |
| Mich. | 79 | 20 | 22 | 8 | 7 | 8 | 3 | 1 | 2 | 3 | 2 | 2 | |
| Wis. | 20 | 6 | 5 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | — | — | |
| W.N. Central | 85 | 12 | 23 | 5 | 5 | 5 | 7 | 2 | 8 | 1 | 1 | 8 | |
| Minn. | 19 | 3 | 4 | — | 3 | — | 2 | 1 | 2 | 1 | 1 | 2 | |
| Iowa | 15 | — | 5 | 5 | — | 2 | 1 | 1 | — | — | — | 1 | |
| Mo. | 38 | 7 | 10 | — | 2 | 3 | 2 | — | 4 | — | — | 3 | |
| N. Dak. | 1 | — | — | — | — | — | 1 | — | — | — | — | — | |
| S. Dak. | 4 | — | 3 | — | — | — | — | — | — | — | — | 1 | |
| Nebr. | — | — | — | — | — | — | — | — | — | — | — | — | |
| Kans. | 8 | 2 | 1 | — | — | — | 1 | — | 2 | — | — | 1 | |
| S. Atlantic | 628 | 113 | 185 | 39 | 51 | 42 | 34 | 10 | 26 | 29 | 33 | 35 | |
| Del. | 5 | — | 5 | — | — | — | — | — | — | — | — | — | |
| Md. | 60 | 19 | 13 | 2 | 3 | 2 | 3 | — | 3 | 3 | 5 | 6 | |
| D.C. | — | — | — | — | — | — | — | — | — | — | — | — | |
| Va. | 87 | 22 | 30 | 4 | 11 | 4 | 4 | — | 2 | — | 4 | 6 | |
| W. Va. | 18 | 7 | 5 | 1 | — | 2 | — | — | — | — | — | — | |
| N.C. | 95 | 24 | 25 | 5 | 7 | 7 | 2 | 1 | 8 | 3 | 6 | 7 | |
| S.C. | 69 | 10 | 27 | 7 | 6 | 8 | — | 1 | 2 | 2 | 3 | 1 | |
| Ga. | 91 | 16 | 15 | 6 | 4 | 6 | 7 | 1 | 5 | 3 | 1 | 4 | |
| Fla. | 203 | 15 | 65 | 14 | 20 | 13 | 18 | 7 | 6 | 18 | 14 | 11 | |
| E.S. Central | 184 | 43 | 61 | 20 | 9 | 12 | 9 | 5 | 7 | 7 | — | 10 | |
| Ky. | 35 | 8 | 9 | 4 | 2 | 4 | 4 | — | 1 | 1 | — | 1 | |
| Tenn. | 54 | 15 | 14 | 6 | 2 | 2 | 4 | 2 | 1 | 2 | — | 6 | |
| Ala. | 41 | 10 | 14 | 5 | 1 | 3 | 1 | 1 | 3 | 2 | — | 1 | |
| Miss. | 54 | 10 | 24 | 5 | 4 | 3 | — | 2 | 2 | 2 | — | 2 | |
| W.S. Central | 388 | 90 | 129 | 43 | 19 | 32 | 15 | 5 | 14 | 9 | 9 | 13 | |
| Ark. | 29 | 12 | 7 | 2 | 2 | 1 | 1 | — | 2 | 1 | 1 | 1 | |
| La. | 151 | 30 | 54 | 23 | 11 | 9 | 5 | 2 | 2 | 4 | 1 | 4 | |
| Okla. | 42 | 7 | 12 | 4 | 1 | 6 | 2 | — | 2 | 1 | 2 | 2 | |
| Texas | 166 | 41 | 56 | 14 | 5 | 16 | 7 | 3 | 8 | 3 | 5 | 7 | |
| Mountain | 100 | 20¹ | 14¹ | 10 | 5 | 5 | 2 | — | 6 | 3 | 5 | 7 | |
| Mont. | 15 | 5 | 5 | 2 | — | 1 | — | — | — | — | — | 1 | |
| Idaho | 10 | 6 | 2 | 1 | — | — | — | — | — | — | — | 1 | |
| Wyo. | 1 | — | 1 | — | — | — | — | — | — | — | — | — | |
| Colo. | 8 | 3 | 2 | — | — | — | — | — | 2 | — | — | — | |
| N. Mex. | 6 | 1 | 1 | 1 | — | — | 1 | — | — | — | — | 1 | |
| Ariz. | 38 | (...17...) | — | 3 | 4 | 3 | — | — | 3 | 3 | 4 | — | |
| Utah | 9 | 4 | 1 | 1 | — | — | 1 | — | — | — | — | 2 | |
| Nev. | 13 | 1 | 2 | 2 | 1 | 1 | — | — | 1 | — | 1 | — | |
| Pacific | 351 | 80 | 73 | 22 | 25 | 31 | 14 | 17 | 11 | 11 | 10 | 10 | |
| Wash. | 66 | 20 | 13 | 5 | 2 | 5 | 1 | 5 | 1 | 3 | 3 | 3 | |
| Oreg. | 33 | 9 | 10 | 2 | 3 | 2 | 2 | 2 | — | — | 1 | 2 | |
| Calif. | 237 | 47 | 46 | 15 | 17 | 23 | 11 | 10 | 10 | 7 | 6 | 5 | |
| Alaska | 6 | 2 | 2 | — | 1 | 1 | — | — | — | — | — | — | |
| Hawaii | 9 | 2 | 2 | — | 2 | — | — | — | — | 1 | — | — | |
| Guam | 1 | 1 | — | — | — | — | — | — | — | — | — | — | |
| P.R. | 9 | 5 | — | — | — | 1 | — | — | 1 | 1 | — | — | |
| V.I. | 3 | — | — | — | 1 | 1 | — | — | — | — | — | — | |
| Pac. Trust Terr. | 2 | (.....) | (.....) | (.....) | (.....) | (.....) | (.....) | (.....) | (.....) | (.....) | (.....) | (.....) | |

¹ Does not include cases reported by state of Arizona.

MUMPS — Reported case rates by year, United States, 1968-1979



In 1979 reported mumps incidence reached its lowest level since mumps became nationally notifiable in 1968.

MUMPS

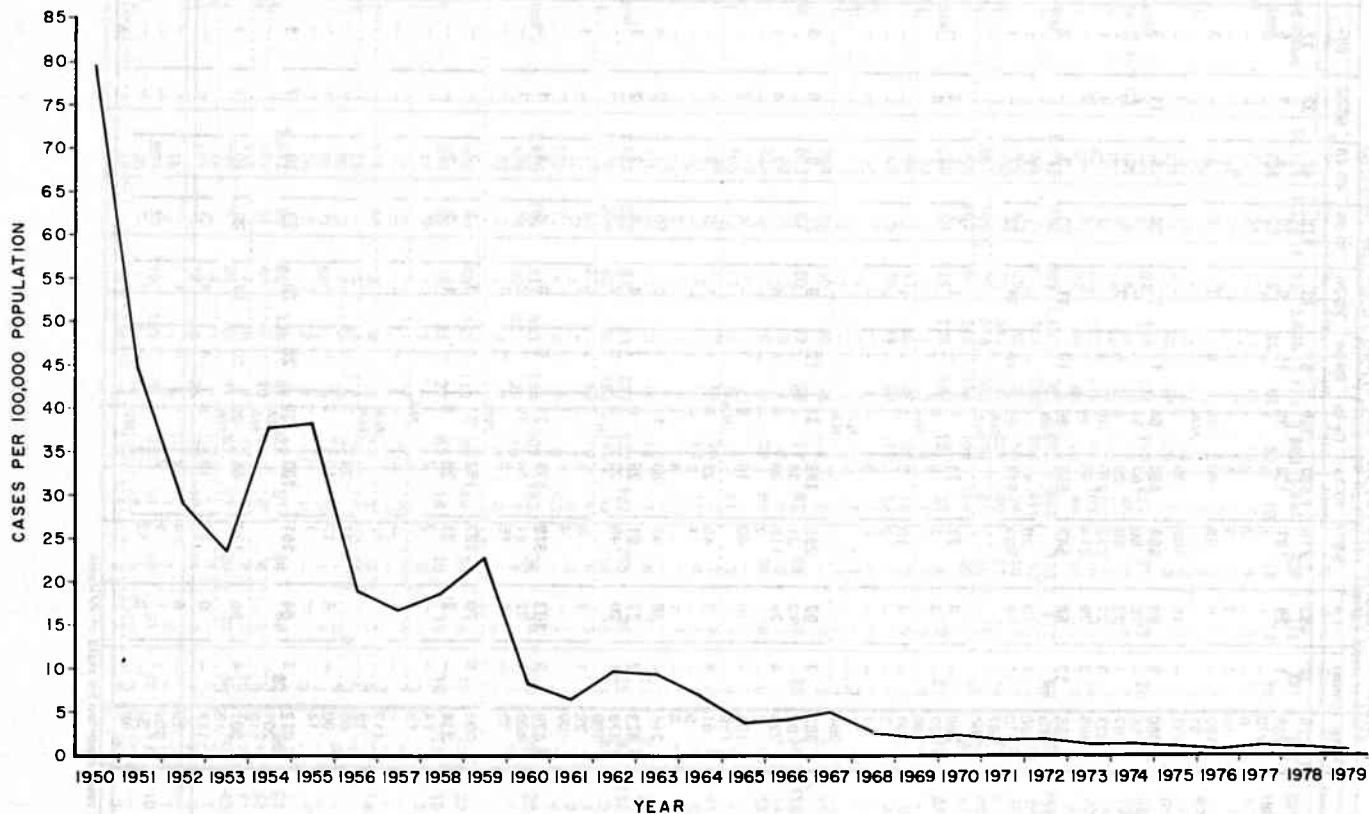
MUMPS — Reported cases by state and by month, United States, 1979

| Area | Total | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Unk. |
|----------------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|------------|------------|------------|------------|------------|--------------|------|
| United States | 14,225 | 1,328 | 1,352 | 2,495 | 1,773 | 1,868 | 1,444 | 638 | 379 | 327 | 598 | 889 | 1,082 | |
| New England | 768 | 49 | 76 | 64 | 54 | 58 | 19 | 18 | 17 | 25 | 96 | 186 | 106 | |
| Maine | 278 | 24 | 48 | 17 | 16 | 16 | 7 | 4 | 1 | 10 | 56 | 53 | 26 | |
| N.H. | 6 | — | — | 1 | 1 | 1 | — | — | — | — | — | 1 | — | |
| Vt. | 10 | 2 | 4 | — | — | 1 | 1 | 1 | 1 | — | — | — | 1 | |
| Mass. | 192 | 3 | 2 | 7 | 7 | 4 | 4 | 3 | 4 | 2 | 26 | 67 | 63 | |
| R.I. | 51 | 5 | 1 | 3 | 5 | 8 | 1 | 2 | 6 | 7 | 5 | 4 | 4 | |
| Conn. | 231 | 15 | 21 | 36 | 25 | 28 | 6 | 8 | 5 | 5 | 9 | 61 | 12 | |
| Mid. Atlantic | 1,360 | 71 | 101 | 196 | 251 | 150 | 221 | 71 | 40 | 26 | 62 | 46 | 125 | |
| N.Y. (excl. N.Y.C.) | 195 | 19 | 15 | 12 | 28 | 16 | 45 | 18 | 4 | 1 | 12 | 12 | 13 | |
| N.Y.C. | 157 | 12 | 14 | 16 | 21 | 15 | 23 | 9 | 11 | 2 | 14 | 8 | 12 | |
| N.J. | 623 | 28 | 50 | 122 | 116 | 96 | 107 | 10 | 12 | 14 | 27 | 22 | 19 | |
| Pa. | 385 | 12 | 22 | 46 | 86 | 23 | 46 | 34 | 13 | 9 | 9 | 4 | 81 | |
| E.N. Central | 6,056 | 482 | 608 | 1,155 | 785 | 1,043 | 664 | 159 | 172 | 96 | 161 | 256 | 470 | |
| Ohio | 2,093 | 77 | 274 | 333 | 269 | 254 | 411 | 52 | 72 | 32 | 28 | 56 | 230 | |
| Ind. | 360 | 62 | 35 | 45 | 35 | 56 | 24 | 10 | 14 | 9 | 25 | 28 | 17 | |
| Ill. | 1,270 | 82 | 70 | 344 | 139 | 364 | 60 | 17 | 16 | 14 | 32 | 81 | 51 | |
| Mich. | 1,067 | 109 | 79 | 218 | 208 | 176 | 65 | 15 | 13 | 6 | 46 | 49 | 83 | |
| Wis. | 1,266 | 152 | 150 | 215 | 134 | 193 | 104 | 65 | 57 | 35 | 30 | 42 | 89 | |
| W.N. Central | 760 | 56 | 114 | 178 | 149 | 101 | 33 | 8 | 10 | 21 | 19 | 22 | 49 | |
| Minn. | 27 | 1 | — | 1 | 3 | 4 | 1 | 1 | 2 | 8 | 4 | — | 2 | |
| Iowa | 246 | 17 | 37 | 56 | 67 | 30 | 12 | 3 | 5 | 5 | 2 | 5 | 7 | |
| Mo. | 203 | 6 | 45 | 74 | 23 | 30 | 12 | 2 | 1 | 1 | 1 | 4 | 4 | |
| N. Dak. | 2 | 1 | — | — | — | — | — | — | — | — | — | — | — | |
| S. Dak. | 11 | — | 1 | 1 | 1 | 1 | 1 | 1 | — | 2 | — | — | 4 | |
| Nebr. | 7 | 2 | 1 | — | 1 | 1 | 1 | 1 | — | — | — | — | — | |
| Kans. | 264 | 29 | 30 | 46 | 54 | 36 | 5 | — | 2 | 5 | 12 | 13 | 32 | |
| S. Atlantic | 883 | 57 | 60 | 77 | 69 | 77 | 92 | 65 | 52 | 38 | 58 | 116 | 86 | |
| Del. | 92 | 3 | 2 | 3 | 1 | 8 | 6 | 9 | 7 | 1 | 13 | 14 | 25 | |
| Md. | 225 | 10 | 11 | 10 | 6 | 22 | 50 | 36 | 18 | 8 | 9 | 32 | 8 | |
| D.C. | 2 | 1 | — | — | — | — | — | — | — | 1 | — | — | — | |
| Va. | 105 | 12 | 13 | 16 | 16 | 7 | 11 | 3 | 3 | 4 | 2 | 5 | 13 | |
| W. Va. | 139 | 9 | 17 | 18 | 18 | 16 | 7 | 7 | 5 | 2 | 7 | 21 | 12 | |
| N.C. | 91 | 3 | 2 | 15 | 17 | 10 | 11 | 4 | 5 | 5 | 5 | 8 | 6 | |
| S.C. | 5 | — | 1 | 1 | — | — | — | — | 1 | — | — | — | 2 | |
| Ga. | 8 | — | 2 | 1 | — | — | — | — | — | 5 | — | — | — | |
| Fla. | 216 | 19 | 12 | 13 | 11 | 14 | 7 | 6 | 13 | 12 | 22 | 36 | 20 | |
| E.S. Central | 1,623 | 322 | 91 | 81 | 207 | 167 | 187 | 225 | 24 | 25 | 67 | 130 | 97 | |
| Ky. | 1,378 | 294 | 63 | 60 | 193 | 146 | 99 | 216 | 16 | 21 | 60 | 123 | 87 | |
| Tenn. | 108 | 14 | 22 | 13 | 12 | 10 | 14 | 6 | 5 | 3 | 4 | 1 | 4 | |
| Ala. | 28 | 2 | 2 | 5 | — | 2 | 6 | 3 | 2 | 1 | 1 | 2 | 2 | |
| Miss. | 109 | 12 | 4 | 3 | 2 | 9 | 68 | — | 1 | — | 2 | 4 | 4 | |
| W.S. Central | 1,429 | 154 | 131 | 583 | 144 | 107 | 153 | 38 | 14 | 20 | 18 | 24 | 43 | |
| Ark. | 489 | 58 | 20 | 353 | 25 | 16 | 7 | 1 | — | 1 | 6 | 1 | 1 | |
| La. | 32 | 7 | 3 | 7 | 7 | 4 | 2 | — | — | — | — | — | — | |
| Okla. | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Texas | 908 | 89 | 108 | 223 | 112 | 87 | 144 | 36 | 14 | 19 | 12 | 23 | 41 | |
| Mountain | 334 | 42 | 76 | 31 | 27 | 43 | 18 | 10 | 10 | 16 | 31 | 18 | 12 | |
| Mont. | 14 | 2 | 1 | 2 | — | — | — | 5 | — | — | — | 3 | 1 | |
| Idaho | 12 | — | 1 | 1 | 1 | — | 5 | — | — | 1 | — | — | 3 | |
| Wyo. | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Colo. | 117 | 30 | 9 | 9 | 5 | 11 | 3 | 2 | 3 | 5 | 22 | 14 | 4 | |
| N. Mex. | 15 | — | 1 | 3 | 3 | — | 4 | 1 | — | — | 1 | — | 2 | |
| Ariz. | 66 | 2 | 5 | 4 | 9 | 27 | — | 1 | 3 | 5 | 8 | — | 2 | |
| Utah | 96 | 3 | 58 | 10 | 8 | 5 | 5 | 1 | 4 | 2 | — | — | — | |
| Nev. | 14 | 5 | 1 | 2 | 1 | — | 1 | — | — | 3 | — | 1 | — | |
| Pacific | 1,012 | 95 | 95 | 130 | 87 | 122 | 57 | 44 | 40 | 60 | 86 | 91 | 94 | |
| Wash. | 261 | 31 | 49 | 46 | 16 | 24 | 8 | 4 | 3 | 8 | 11 | 34 | 27 | |
| Oreg. | 118 | 7 | 7 | 16 | 9 | 10 | 8 | 8 | 7 | 15 | 7 | 11 | 13 | |
| Calif. | 501 | 53 | 26 | 52 | 41 | 63 | 31 | 20 | 23 | 30 | 56 | 43 | 52 | |
| Alaska | 15 | — | 4 | 1 | — | 3 | — | 1 | — | — | 3 | 1 | 2 | |
| Hawaii | 117 | 4 | 9 | 15 | 21 | 22 | 10 | 11 | 7 | 7 | 9 | 2 | — | |
| Guam | 15 | — | — | 1 | 5 | 1 | 1 | 1 | 2 | — | 1 | 1 | 2 | |
| P.R. | 604 | 70 | 119 | 107 | 67 | 72 | 51 | 18 | 21 | 26 | 17 | 18 | 18 | |
| V.I. | 20 | — | — | — | 10 | 5 | 4 | 1 | — | — | — | — | — | |
| Pac. Trust Terr. | 48 | 5 | 5 | 6 | 3 | 3 | 5 | 2 | 2 | 6 | 5 | 3 | 3 | |

MUMPS — Reported cases by state and by age, United States, 1979

| State | Total | Under 1 | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-39 | 40-49 | 50-59 | 60+ | Unk. |
|----------------------|---------------|------------|-------------|--------------|--------------|------------|------------|------------|------------|-----------|-----------|-----------|--------------|
| United States | 14,225 | 38' | 493' | 2,216 | 1,697 | 369 | 93' | 73' | 118 | 48 | 32 | 17 | 9,018 |
| New England | 768 | 1 | 24 | 191 | 134 | 36 | 14 | 9 | 20 | 9 | 1 | 5 | 324 |
| Maine | 278 | — | 1 | 7 | 9 | 1 | — | 1 | 1 | 1 | — | — | 257 |
| N. H. | 6 | — | — | 2 | 2 | — | — | — | — | — | — | — | — |
| Vt. | 10 | 1 | 2 | 5 | 1 | — | 1 | — | — | — | — | — | — |
| Mass. | 192 | — | 6 | 68 | 69 | 26 | 6 | 3 | 8 | 3 | — | 3 | — |
| R.I. | 51 | (| — | — | — | NA. | — | — | — | — | — | — | — |
| Conn. | 231 | — | 15 | 109 | 53 | 9 | 7 | 5 | 9 | 5 | 1 | 2 | 51 |
| Mid. Atlantic | 1,360 | 6 | 99 | 554 | 464 | 94 | 17 | 12 | 20 | 8 | 11 | 3 | 72 |
| N. Y. (excl. NYC) | 195 | — | 16 | 50 | 67 | 34 | 4 | 7 | 7 | 3 | 6 | — | 10 |
| N. Y. C. | 157 | — | 32 | 58 | 29 | 6 | 6 | 3 | 6 | 2 | 2 | 2 | 1 |
| N. J. | 623 | 3 | 29 | 232 | 270 | 30 | 3 | — | 3 | 3 | 1 | 1 | 55 |
| Pa. | 385 | 2 | 29 | 214 | 98 | 24 | 4 | 2 | 4 | — | 2 | — | 6 |
| N. Central | 6,056 | 12 | 68 | 542 | 555 | 89 | 10 | 11 | 13 | 3 | — | 2 | 4,751 |
| Ohio | 2,093 | (| — | — | — | NA. | — | — | — | — | — | — | 2,093 |
| Ind. | 360 | 1 | 10 | 39 | 41 | 4 | — | — | 1 | 1 | — | 1 | 262 |
| Ill. | 1,270 | 11 | 58 | 503 | 514 | 85 | 10 | 11 | 12 | 2 | — | 1 | 63 |
| Mich. | 1,067 | (| — | — | — | NA. | — | — | — | — | — | — | 1,067 |
| Wis. | 1,266 | (| — | — | — | NA. | — | — | — | — | — | — | 1,266 |
| N. Central | 760 | — | 8 | 27 | 11 | 6 | — | 1 | 3 | 1 | 1 | — | 702 |
| Minn. | 27 | — | 4 | 7 | 6 | 5 | — | — | 3 | 1 | 1 | — | — |
| Iowa | 246 | (| — | — | — | NA. | — | — | — | — | — | — | 246 |
| Mo. | 203 | — | 4 | 10 | 2 | 1 | — | 1 | — | — | — | — | 185 |
| N. Dak. | 2 | — | — | 2 | — | — | — | — | — | — | — | — | — |
| S. Dak. | 11 | — | — | 8 | 3 | — | — | — | — | — | — | — | — |
| Nebr. | 7 | (| — | — | — | NA. | — | — | — | — | — | — | 7 |
| Kans. | 264 | (| — | — | — | NA. | — | — | — | — | — | — | 264 |
| Atlantic | 883 | 7 | 92 | 265 | 198 | 31 | 12 | 9 | 21 | 9 | 9 | 5 | 225 |
| Del. | 92 | — | 12 | 21 | 34 | 4 | — | — | — | — | — | — | 21 |
| Md. | 225 | 4 | 25 | 115 | 39 | 5 | 4 | 6 | 2 | 2 | 4 | 1 | 18 |
| D.C. | 2 | — | — | 2 | — | — | — | — | — | — | — | — | — |
| Va. | 105 | — | 19 | 40 | 16 | 5 | 2 | — | 4 | 1 | 2 | — | 16 |
| W. Va. | 139 | (| — | — | — | NA. | — | — | — | — | — | — | 139 |
| N.C. | 91 | 3 | 7 | 45 | 21 | 5 | 1 | 1 | 3 | 2 | 1 | — | 2 |
| S.C. | 8 | — | 1 | 1 | 1 | 1 | 1 | — | — | — | — | — | 2 |
| Ga. | 216 | — | — | — | 4 | 1 | — | — | 2 | — | — | — | — |
| Fla. | 216 | — | 28 | 41 | 83 | 11 | 4 | 2 | 10 | 4 | 2 | 4 | 27 |
| S. Central | 1,623 | 2 | 27 | 61 | 25 | 6 | 7 | 4 | 8 | 2 | 2 | 1 | 1,478 |
| Ky. | 1,378 | 1 | 20 | 48 | 22 | 3 | 6 | 2 | 5 | 1 | 2 | — | 1,268 |
| Tenn. | 108 | (| — | — | — | NA. | — | — | — | — | — | — | 108 |
| Ala. | 28 | 1 | 7 | 9 | 1 | 2 | 1 | 2 | 2 | 1 | — | 1 | 1 |
| Miss. | 109 | — | — | 4 | 2 | 1 | — | — | 1 | — | — | — | 101 |
| S. Central | 1,429 | 6 | 103 | 388 | 171 | 71 | 5 | 6 | 8 | 4 | 1 | — | 666 |
| Ark. | 489 | — | 22 | 51 | 14 | 10 | 1 | 2 | 5 | 2 | 1 | — | 380 |
| La. | 32 | — | 11 | 15 | 5 | — | — | 1 | — | — | — | — | — |
| Okla. | (| — | — | — | — | — | — | — | — | — | — | — | — |
| Texas | 908 | 5 | 70 | 322 | 152 | 61 | 4 | 3 | 3 | 2 | — | — | 286 |
| Mountain | 334 | — | 8' | 37 | 36 | 6 | — | 1' | 2 | 2 | — | — | 229 |
| Mont. | 14 | — | — | 2 | 2 | 1 | — | — | 1 | — | — | — | 8 |
| Idaho | 12 | (| — | — | — | NA. | — | — | — | — | — | — | 12 |
| Wyo. | (| — | — | — | — | — | — | — | — | — | — | — | — |
| Colo. | 117 | (| — | — | — | NA. | — | — | — | — | — | — | 117 |
| N. Mex. | 15 | (| — | — | — | NA. | — | — | — | — | — | — | 15 |
| Ariz. | 66 | (| 8 | 21 | 24 | 3 | (| 4 | — | 2 | — | — | 61 |
| Utah | 96 | — | 8 | 13 | 10 | 2 | — | 1 | 1 | — | — | — | 3 |
| Nev. | 14 | — | — | 1 | — | — | — | — | — | — | — | — | 13 |
| Pacific | 1,012 | 4 | 64 | 151 | 103 | 30 | 28 | 20 | 23 | 10 | 7 | 1 | 571 |
| Wash. | 261 | (| — | — | — | NA. | — | — | — | — | — | — | 261 |
| Oreg. | 118 | (| — | — | — | NA. | — | — | — | — | — | — | 118 |
| Calif. | 501 | 4 | 55 | 130 | 85 | 25 | 27 | 17 | 20 | 10 | 7 | 1 | 120 |
| Alaska | 15 | (| — | — | — | NA. | — | — | — | — | — | — | 15 |
| Hawaii | 117 | — | 9 | 21 | 18 | 5 | 1 | 3 | 3 | — | — | — | 57 |
| Guam | 15 | — | 6 | 4 | 2 | — | — | 1 | — | — | — | — | 2 |
| P.R. | 604 | 1 | 1 | 7 | 2 | 1 | — | — | 5 | — | — | — | 587 |
| I. J. | 20 | — | 8 | 12 | — | — | — | — | — | — | — | — | — |
| Ac. Trust Terr. | 48 | (| — | — | — | NA. | — | — | — | — | — | — | 48 |

Does not include cases reported by state of Arizona.

PERTUSSIS (Whooping cough) – Reported case rates by year, United States, 1950-1979

Although the annual incidence of reported pertussis cases declined markedly between 1950 and 1970, the reported case rate has remained fairly constant over the past 10 years.

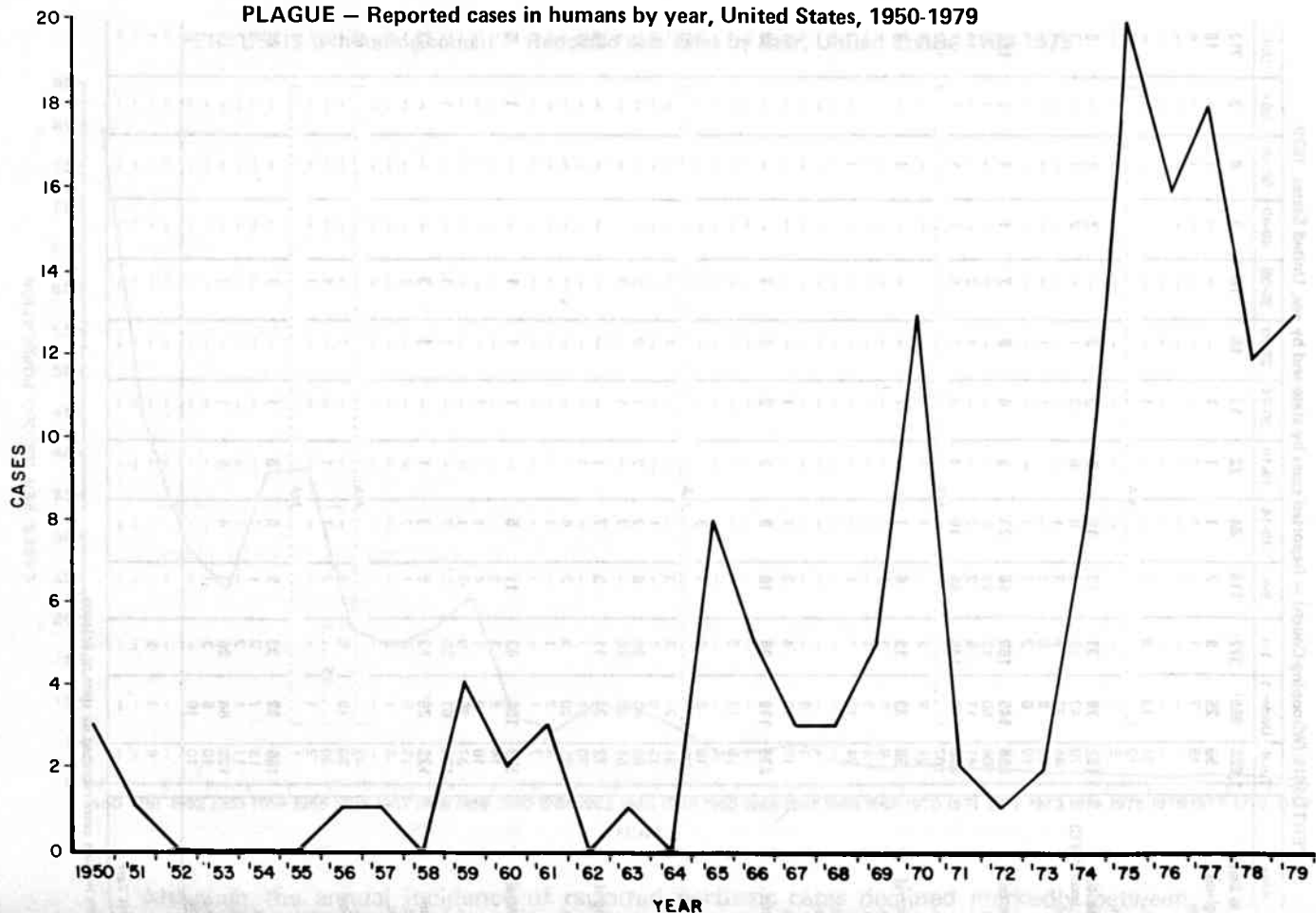
PERTUSSIS

PERTUSSIS (Whooping Cough) — Reported cases by state and by age, United States, 1979

| Area | Total | Under 1 | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-39 | 40-49 | 50-59 | 60+ | Unk. |
|----------------------|--------------|------------------------|------------------------|------------|-----------|-----------|-----------|-----------|-----------|----------|----------|----------|------------|
| United States | 1,623 | 655¹ | 372¹ | 114 | 64 | 22 | 13 | 15 | 16 | 3 | 4 | 3 | 317 |
| New England | 56 | 25 | 9 | 2 | 1 | 1 | 1 | — | — | — | 1 | — | 16 |
| Maine | 15 | 7 | 1 | — | 1 | 1 | — | — | — | — | 1 | — | 4 |
| N.H. | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Vt. | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Mass. | 24 | 13 | 8 | 2 | — | — | 1 | — | — | — | — | — | — |
| R.I. | 12 | — | — | — | — | NA | — | — | — | — | — | — | — |
| Conn. | 5 | 5 | — | — | — | — | — | — | — | — | — | — | 12 |
| Mid. Atlantic | 152 | 79 | 31 | 13 | 10 | 6 | 3 | 2 | — | 2 | 1 | — | 5 |
| N.Y. (excl. NYC) | 79 | 42 | 12 | 2 | 8 | 6 | 2 | 1 | — | 2 | 1 | — | 3 |
| N.Y.C. | 44 | 23 | 9 | 9 | 1 | — | — | — | — | — | — | — | 2 |
| N.J. | 19 | 8 | 8 | 1 | — | — | 1 | 1 | — | — | — | — | — |
| Pa. | 10 | 6 | 2 | 1 | 1 | — | — | — | — | — | — | — | — |
| E.N. Central | 588 | 145 | 169 | 58 | 23 | 5 | 4 | 8 | 7 | 1 | 1 | 2 | 165 |
| Ohio | 104 | 55 | 12 | 11 | 5 | — | — | — | — | — | — | 1 | 20 |
| Ind. | 41 | 11 | 9 | 2 | 2 | — | — | 1 | 2 | — | — | — | 14 |
| Ill. | 320 | 70 | 146 | 45 | 15 | 4 | 4 | 7 | 5 | 1 | 1 | 1 | 21 |
| Mich. | 102 | — | — | — | NA | — | — | — | — | — | — | — | 102 |
| Wis. | 21 | 9 | 2 | — | 1 | 1 | — | — | — | — | — | — | 8 |
| W.N. Central | 59 | 33 | 15 | 4 | 1 | — | 1 | — | — | — | 1 | — | 4 |
| Minn. | 9 | 5 | 3 | 1 | — | — | — | — | — | — | — | — | — |
| Iowa | 4 | 3 | 1 | — | — | — | — | — | — | — | — | — | — |
| Mo. | 24 | 12 | 7 | 1 | — | — | — | — | — | — | 1 | — | 3 |
| N. Dak. | — | — | — | — | — | — | — | — | — | — | — | — | — |
| S. Dak. | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Nebr. | 3 | 3 | — | — | — | — | — | — | — | — | — | — | — |
| Kans. | 19 | 10 | 4 | 2 | 1 | — | — | — | — | — | — | — | 1 |
| E. Atlantic | 234 | 119 | 48 | 10 | 8 | 2 | 1 | 3 | 4 | — | — | — | 38 |
| Del. | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Md. | 15 | 13 | 2 | — | — | — | — | — | — | — | — | — | — |
| D.C. | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Va. | 16 | 8 | 4 | 1 | 3 | — | — | — | — | — | — | — | — |
| W. Va. | 20 | — | — | — | NA | — | — | — | — | — | — | — | 20 |
| N.C. | 31 | 24 | 3 | 3 | — | — | — | 1 | — | — | — | — | 5 |
| S.C. | 13 | 6 | 1 | — | 1 | — | — | — | — | — | — | — | 12 |
| Ge. | 88 | 40 | 20 | 6 | 2 | 2 | 1 | 2 | 3 | — | — | — | 1 |
| Fla. | 51 | 28 | 18 | — | 2 | — | 1 | — | 1 | — | — | — | — |
| S. Central | 72 | 34 | 11 | 3 | 7 | 1 | — | — | — | — | — | — | 16 |
| Ky. | 30 | 11 | 7 | — | — | 1 | — | — | — | — | — | — | 11 |
| Tenn. | 31 | 20 | 3 | 2 | 6 | — | — | — | — | — | — | — | — |
| Ala. | 4 | 2 | 1 | — | 1 | — | — | — | — | — | — | — | — |
| Miss. | 7 | 1 | — | 1 | — | — | — | — | — | — | — | — | 5 |
| W.S. Central | 173 | 105 | 43 | 11 | 5 | — | 1 | 1 | 1 | — | — | 1 | 5 |
| Ark. | 14 | 8 | 3 | 2 | — | — | — | — | — | — | — | — | 1 |
| La. | 18 | 9 | 1 | 4 | 1 | — | 1 | — | — | — | — | — | 2 |
| Okla. | 37 | 25 | 9 | 2 | 1 | — | — | — | — | — | — | — | — |
| Texas | 104 | 63 | 30 | 3 | 3 | — | — | 1 | 1 | — | — | 1 | 2 |
| Mountain | 123 | 26¹ | 13¹ | 8 | 3 | 1 | — | 1 | 3 | — | — | — | 43 |
| Mont. | 15 | 5 | 6 | 1 | 2 | — | — | — | 1 | — | — | — | — |
| Idaho | 3 | 1 | 2 | — | — | — | — | — | — | — | — | — | — |
| Wyo. | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Colo. | 42 | — | — | — | — | NA | — | — | — | — | — | — | 42 |
| N. Mex. | 19 | 5 | — | 5 | — | — | — | 1 | — | — | — | — | — |
| Ariz. | 30 | — | 25 | — | 2 | 1 | 1 | — | — | 1 | — | — | — |
| Utah | 2 | 1 | — | — | — | — | — | — | 1 | — | — | — | — |
| Nev. | 1 | — | — | — | — | — | — | — | — | — | — | — | 1 |
| Pacific | 166 | 89 | 33 | 5 | 6 | 6 | 1 | — | 1 | — | — | — | 25 |
| Wash. | 13 | 7 | 2 | 1 | 1 | — | — | — | — | — | — | — | 2 |
| Oreg. | 11 | — | — | — | 1 | — | — | — | — | — | — | — | — |
| Calif. | 122 | 66 | 26 | 3 | 4 | 6 | 1 | — | 1 | — | — | — | 15 |
| Alaska | 10 | 5 | 3 | 1 | — | — | — | — | — | — | — | — | 1 |
| Hawaii | 10 | 10 | — | — | — | — | — | — | — | — | — | — | — |
| Guam | — | — | — | — | — | — | — | — | — | — | — | — | — |
| P.R. | 6 | 3 | 2 | — | — | — | — | — | — | — | — | — | 1 |
| V.I. | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Pac. Trust Terr. | — | — | — | — | — | — | — | — | — | — | — | — | — |

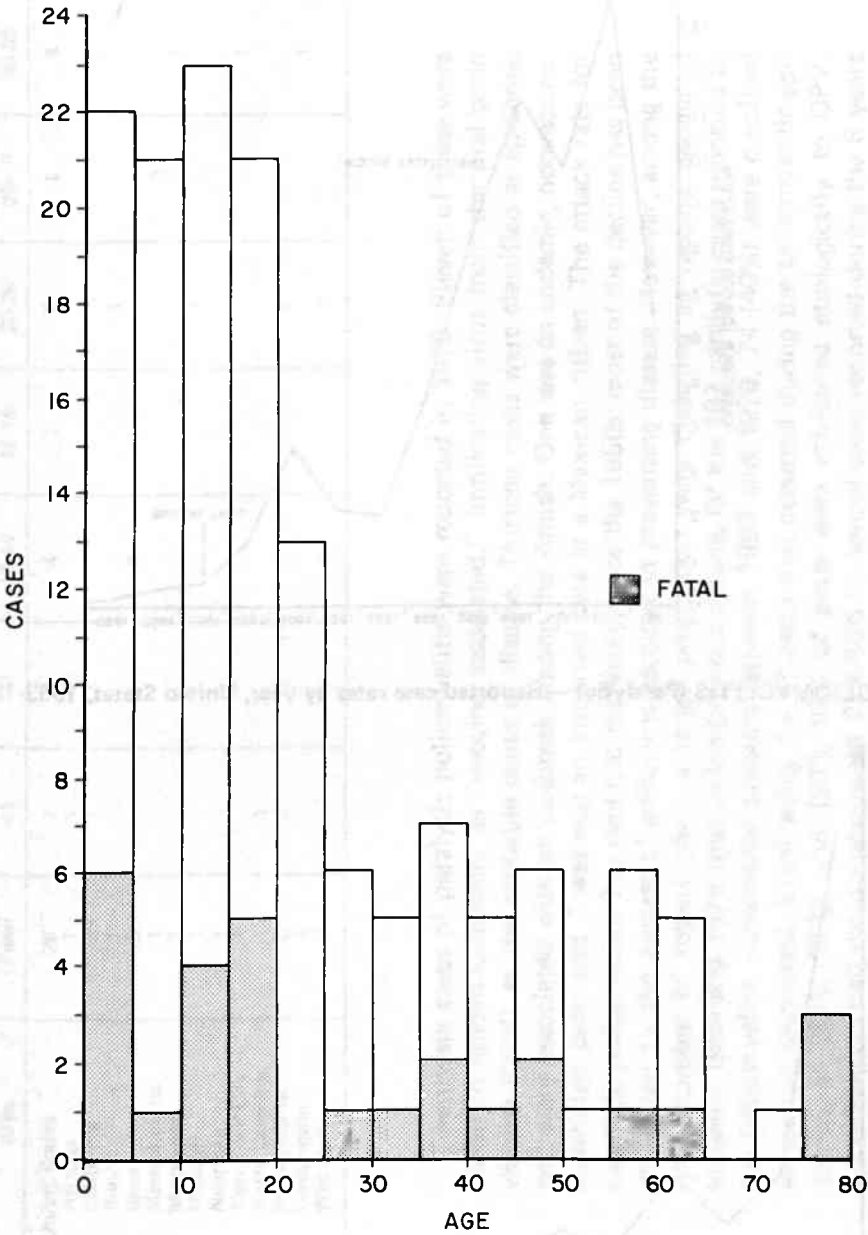
¹ Does not include cases reported by state of Arizona.

PLAGUE — Reported cases in humans by year, United States, 1950-1979



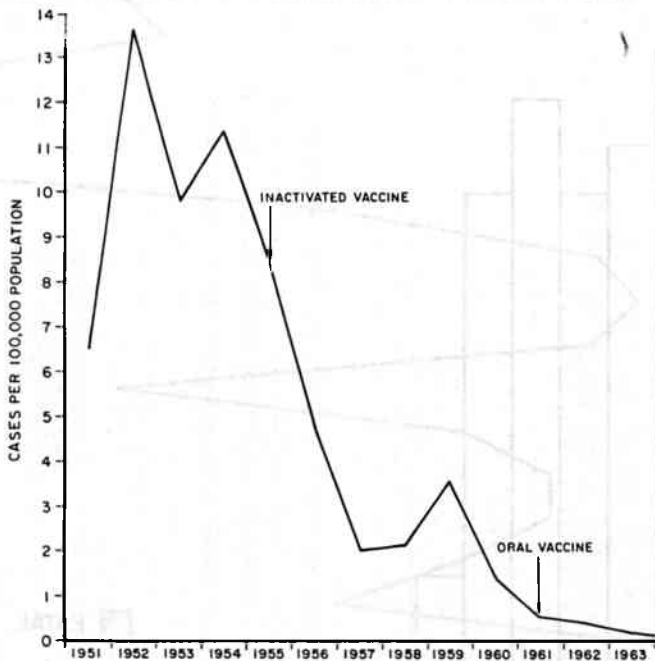
Two deaths occurred among the 13 cases of plague reported in 1979. From 1970 through 1979, 81% of cases were acquired in 4 states: Arizona, California, New Mexico, and Utah.

PLAGUE — Reported cases and deaths in humans by age group, United States, 1950-1979

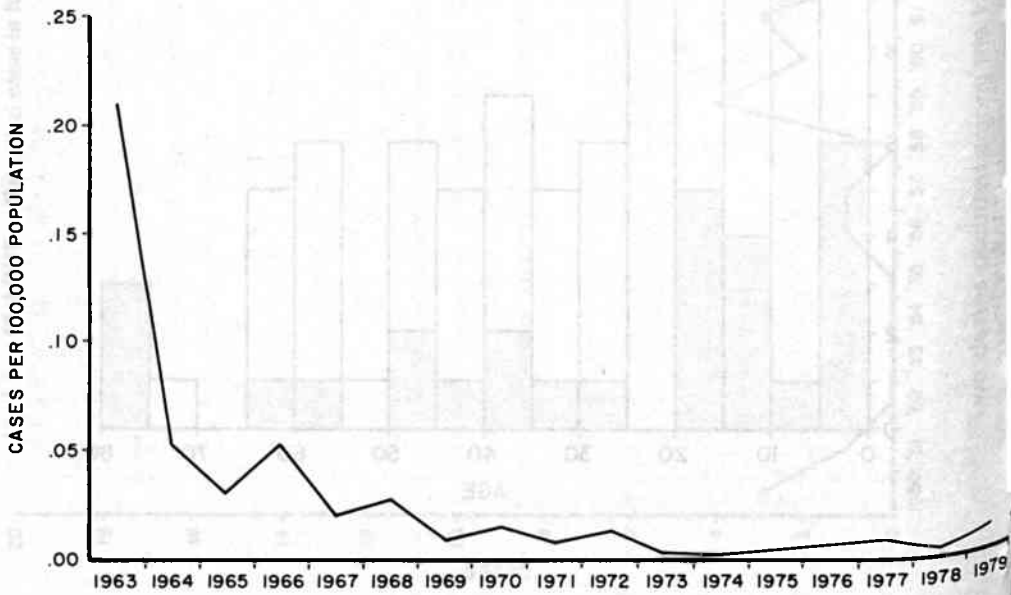


POLIOMYELITIS

POLIOMYELITIS (Paralytic) – Reported case rates by year, United States, 1951-1963



POLIOMYELITIS (Paralytic) – Reported case rates by year, United States, 1963-1979

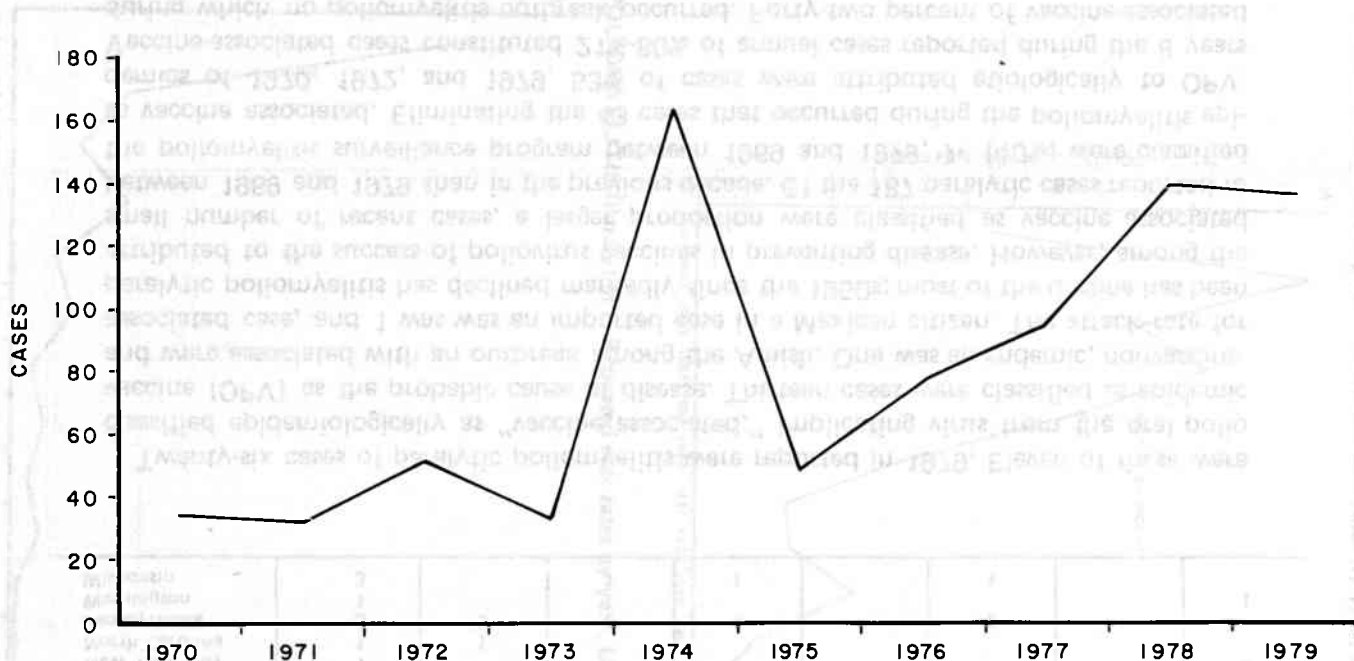


POLIOMYELITIS (Paralytic)—Reported cases by state and by age, United States, 1979

| Area | Total | <1 | 1-4 | 10-14 | 15-19 | 20-24 | 25-29 | 30-39 |
|----------------|-------|----|-----|-------|-------|-------|-------|-------|
| United States | 26 | 7 | 4 | 4 | 1 | 5 | 1 | 4 |
| Arizona | 1 | 1 | | | | | | |
| California | 3 | 1 | 1 | | | | | 1 |
| Illinois | 1 | | | | | 1 | | |
| Iowa | 3 | | | 2 | 1 | | | |
| Massachusetts | 1 | | | | | | 1 | |
| Minnesota | 1 | | | | | | | 1 |
| Missouri | 1 | | | | | 1 | | |
| Nebraska | 1 | 1 | | | | | | |
| New York City | 1 | | | | | | | 1 |
| North Carolina | 1 | 1 | | | | | | |
| Pennsylvania | 8 | 3 | 2 | 1 | | 2 | | |
| Washington | 1 | | | | | | | 1 |
| Wisconsin | 3 | | 1 | 1 | | 1 | | |

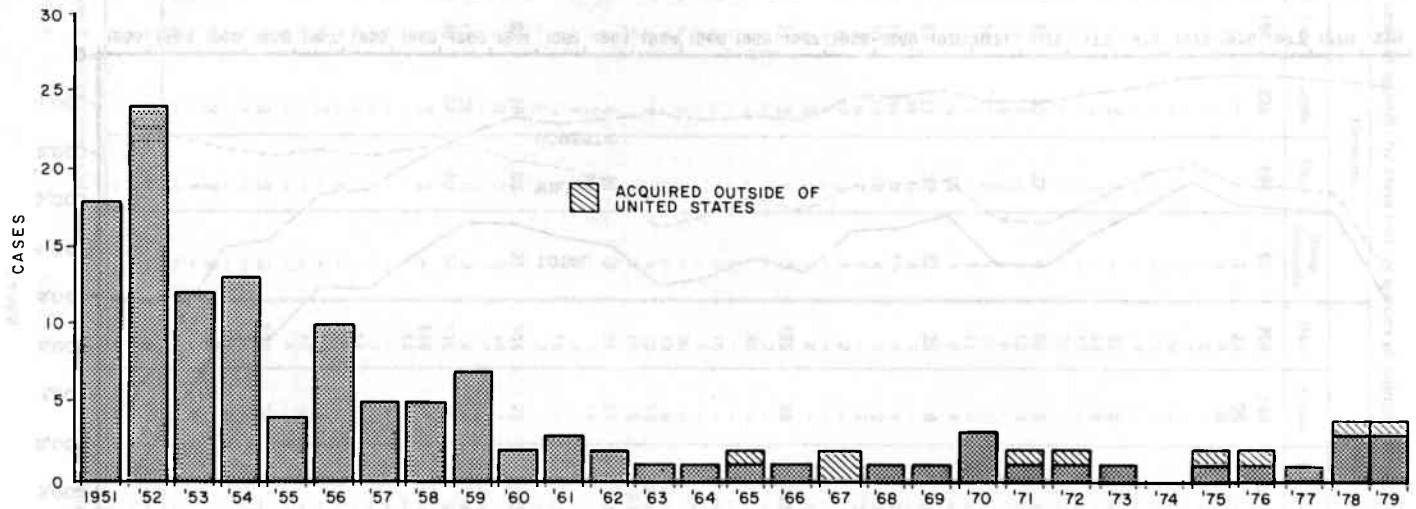
Twenty-six cases of paralytic poliomyelitis were reported in 1979. Eleven of these were classified epidemiologically as "vaccine associated," implicating virus from the oral polio vaccine (OPV) as the probable cause of disease. Thirteen cases were classified as epidemic and were associated with an outbreak among the Amish. One was an endemic, nonvaccine-associated case, and 1 was an imported case in a Mexican citizen. The attack rate for paralytic poliomyelitis has declined markedly since the 1950s; most of the decline has been attributed to the success of poliovirus vaccines in preventing disease. However, among the small number of recent cases, a larger proportion were classified as vaccine associated between 1969 and 1979 than in the previous decade. Of the 187 paralytic cases reported to the poliomyelitis surveillance program between 1969 and 1979, 74 (40%) were classified as vaccine associated. Eliminating the 43 cases that occurred during the poliomyelitis epidemics of 1970, 1972, and 1979, 53% of cases were attributed etiologically to OPV. Vaccine-associated cases constituted 21%-80% of annual cases reported during the 8 years during which no poliomyelitis outbreak occurred. Forty-two percent of vaccine-associated cases occurred in contacts of vaccinees: 34% in household contacts, 8% in nonhousehold contacts. The rest (58%) were in OPV recipients.

PSITTACOSIS — Reported cases by year, United States, 1970-1979



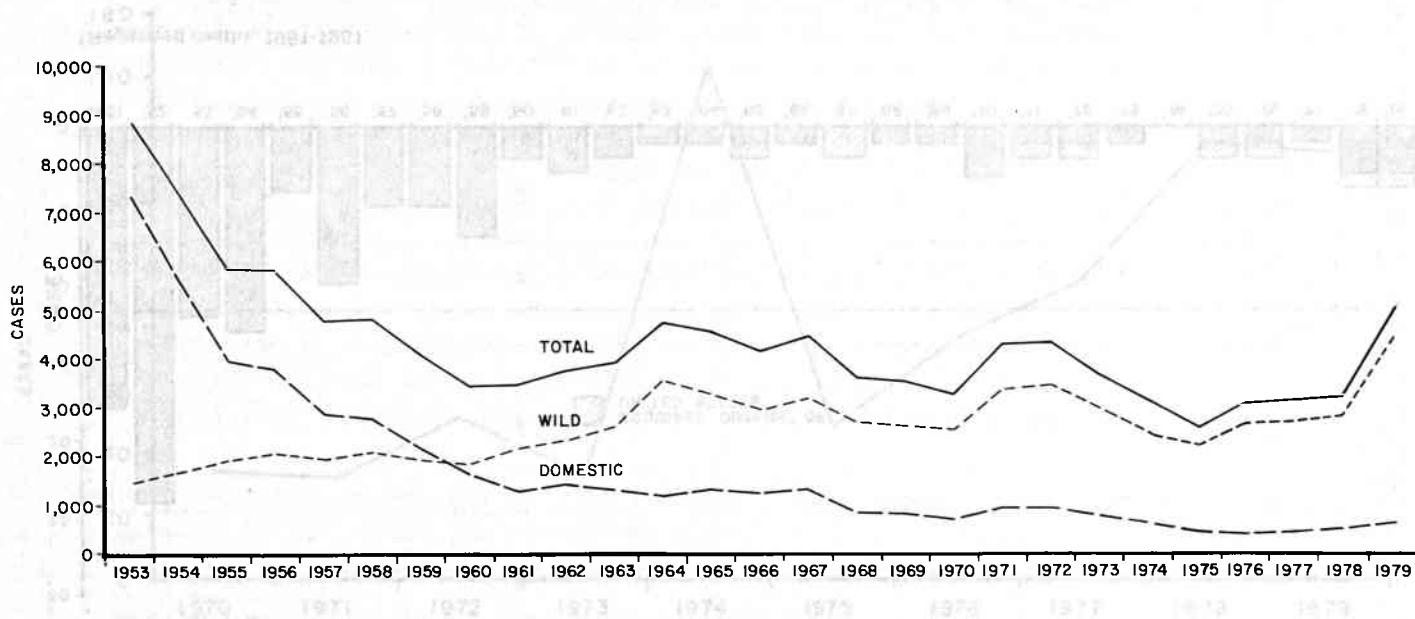
The reported incidence of human psittacosis in the United States has shown a general rise over the past 10 years but continues to be a disease of relatively low frequency. Most cases each year are associated with pet birds rather than with the poultry-processing industry. An exception occurred in 1974, when 71% of the reported cases were associated with outbreaks in 7 turkey-processing plants.

RABIES — Reported cases* in humans by year, United States, 1951-1979



*Registered deaths, 1951-1961.

RABIES – Reported cases in wild and domestic animals by year, United States, 1953-1979



A total of 5,119 laboratory-confirmed cases of animal rabies in the United States and 26 in Puerto Rico were reported in 1979. This was an increase from 1978 of more than 1,800 cases, approximately a 67% gain from the average for the preceding 5 years. In fact, this is the largest number of cases reported since 1956. The District of Columbia, Hawaii, Idaho, Guam, and the Virgin Islands were the only areas reporting no rabies cases. Thirty-five states reported more cases of rabies in 1979 than in 1978, and 14 states and Puerto Rico reported less. Seven types of animals accounted for 98% of the reported cases.

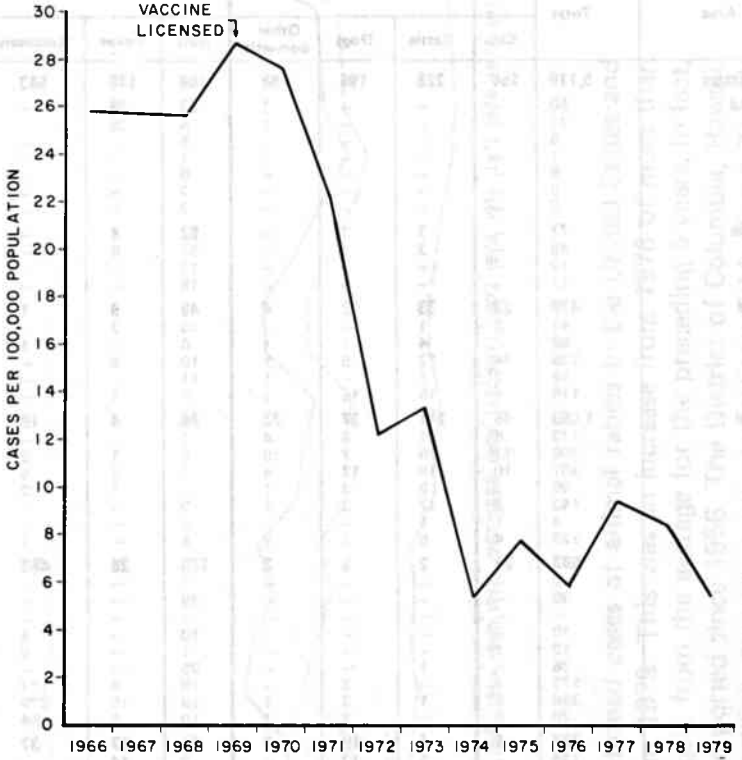
RABIES — Reported cases in animals by state and by species of animal, United States, 1979

| Area | Total | Domestic | | | | Wild | | | | |
|----------------------|--------------|----------------|------------|------------|-----------------------------|------------|------------|------------|----------------|-------------------------|
| | | Cats | Cattle | Dogs | Other domestic ¹ | Bats | Foxes | Raccoons | Skunks | Other wild ¹ |
| United States | 5,119 | 154 | 228 | 194 | 56 | 756 | 140 | 543 | 3,031 | 17 |
| New England | 50 | — | — | — | 1 | 23 | 26 | — | — | — |
| Maine | 31 | — | — | — | 1 | 4 | 26 | — | — | — |
| N.H. | 5 | — | — | — | — | 5 | — | — | — | — |
| Vt. | 1 | — | — | — | — | 1 | — | — | — | — |
| Mass. | 9 | — | — | — | — | 9 | — | — | — | — |
| R.I. | 2 | — | — | — | — | 2 | — | — | — | — |
| Conn. | 2 | — | — | — | — | 2 | — | — | — | — |
| Mid. Atlantic | 77 | — | 3 | 1 | — | 62 | 8 | — | 3 | — |
| N.Y. | 48 | — | 3 | 1 | — | 34 | 8 | — | 2 | — |
| N.J. | 12 | — | — | — | — | 12 | — | — | — | — |
| Pa. | 17 | — | — | — | — | 16 | — | — | 1 | — |
| E.N. Central | 470 | 23 | 33 | 22 | 4 | 49 | 9 | 1 | 329 | — |
| Ohio | 41 | 3 | 1 | — | — | 13 | 3 | — | 21 | — |
| Ind. | 68 | — | 4 | 1 | 1 | 6 | — | 1 | 55 | — |
| Ill. | 226 | 14 | 12 | 5 | 1 | 10 | 5 | — | 179 | — |
| Mich. | 16 | 2 ² | 1 | — | 1 | 11 | — | — | 1 | — |
| Wis. | 119 | 4 | 15 | 16 | 1 | 9 | 1 | — | 73 | — |
| W.N. Central | 1,059 | 45 | 111 | 37 | 22 | 26 | 4 | 10 | 801 | 3 |
| Minn. | 172 | 6 | 21 | 8 | 4 | 3 | — | — | 130 | — |
| Iowa | 206 | 13 | 39 | 7 | 10 | 8 | 1 | 2 | 126 | — |
| Mo. | 307 | 10 | 18 | 13 | 4 | 7 | 2 | 5 | 247 | 1 |
| N. Dak. | 99 | 3 | 9 | 3 | 1 | — | 1 | 2 | 79 | 1 |
| S. Dak. | 143 | 8 | 17 | 3 | 1 | 2 | — | — | 111 | 1 |
| Nebr. | 4 | 1 ² | 1 | — | — | — | — | — | 2 | — |
| Kans. | 128 | 4 | 6 | 3 | 2 | 6 | — | 1 | 106 | — |
| S. Atlantic | 688 | 21 | 2 | 9 | 2 | 125 | 26 | 482 | 18 | 3 |
| Del. | 2 | — | — | — | — | 2 | — | — | — | — |
| Md. | 39 | — | — | — | — | 39 | — | — | — | — |
| D.C. | — | — | — | — | — | — | — | — | — | — |
| Va. | 19 | — | — | — | — | 10 | — | 4 | 4 | 1 |
| W. Va. | 12 | 1 | — | — | — | 1 | — | 8 | 2 | — |
| N.C. | 26 | — | 1 | — | — | 25 | — | — | — | — |
| S.C. | 173 | 7 | — | 3 | — | 19 | 6 | 137 | — | 1 |
| Ga. | 338 | 8 ² | 1 | 3 | 1 | 19 | 15 | 279 | 11 | 1 |
| Fla. | 79 | 5 | — | 3 | 1 | 10 | 5 | 54 | 1 | — |
| E.S. Central | 327 | 1 | 4 | 19 | 3 | 31 | 17 | 37 | 210 | 5 |
| Ky. | 138 | — | 3 | 12 | — | 2 | 14 | — | 107 | — |
| Tenn. | 109 | — | 1 | 4 | 2 | 8 | 3 | — | 91 | — |
| Ala. | 73 | 1 | — | 3 | 1 | 14 | — | 37 | 12 | 5 |
| Miss. | 7 | — | — | — | — | 7 | — | — | — | — |
| W.S. Central | 1,857 | 62 | 70 | 95 | 21 | 144 | 29 | 13 | 1,418 | 5 |
| Ark. | 332 | 3 | 8 | 3 | 2 | 14 | 1 | — | 301 | — |
| La. | 41 | — | — | 1 | 1 | 7 | — | 1 | 31 | — |
| Okla. | 292 | 11 | 28 | 8 | 3 | 8 | — | 4 | 229 | 1 |
| Texas | 1,192 | 48 | 34 | 83 | 15 | 115 | 28 | 8 | 857 | 4 |
| Mountain | 177 | 1 | 2 | 8 | — | 118 | 1 | — | 46 | 1 |
| Mont. | 21 | — | — | — | — | 14 | — | — | 7 | — |
| Idaho | — | — | — | — | — | — | — | — | — | — |
| Wyo. | 12 | — | — | — | — | 7 | — | — | 5 | — |
| Colo. | 51 | — | — | — | — | 51 | — | — | — | — |
| N. Mex. | 49 | 1 | — | 8 | — | 13 | — | — | 27 | — |
| Ariz. | 27 | — | 2 | — | — | 17 | 1 | — | 7 | — |
| Utah | 11 | — | — | — | — | 10 | — | — | — | 1 |
| Nev. | 6 | — | — | — | — | 6 | — | — | — | — |
| Pacific | 414 | 1 | 3 | 3 | 3 | 178 | 20 | — | 206 | — |
| Wash. | 21 | — | — | — | — | 20 | — | — | 1 ³ | — |
| Oreg. | 17 | — | — | — | — | 16 | — | — | — | — |
| Calif. | 357 | 1 | 3 | 2 | 3 | 142 | 2 | — | 204 | — |
| Alaska | 19 | — | — | 1 | — | — | 18 | — | — | — |
| Hawaii | — | — | — | — | — | — | — | — | — | — |
| Guam | — | — | — | — | — | — | — | — | — | — |
| P.R. | — | — | — | — | — | — | — | — | — | — |
| V.I. | 26 | 2 | — | 2 | — | — | — | — | — | 22 |

¹ Other domestic: 44 equine, 7 ovine, and 5 porcine; other wild: 8 coyotes, 3 rodents, 2 bobcats, 1 buffalo, 1 lagomorph, 1 ringtail, and 1 moose.
² Vaccine-associated (Mich. 2, Nebr. 1, Ga. 2).
³ Per skunk.

RUBELLA

RUBELLA (German measles) — Reported case rates by year, United States, 1966-1979



Reported rubella incidence in 1979 was less than 20% of that reported in 1969, the year of vaccine licensure.

RUBELLA (German measles) — Reported case rates by month, United States, 1976-1979

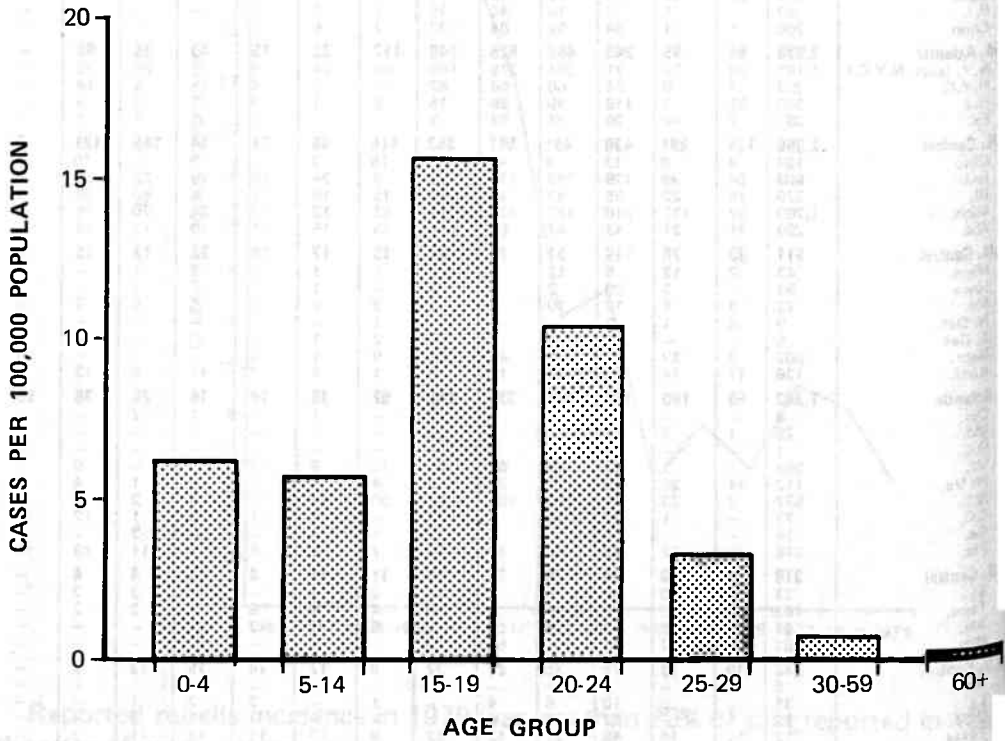


RUBELLA (German Measles) — Reported cases by state and by month, United States, 1979

| Area | Total | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Unk. |
|----------------------|---------------|------------|--------------|--------------|--------------|--------------|--------------|------------|------------|------------|------------|------------|------------|-----------|
| United States | 11,795 | 531 | 1,142 | 1,907 | 2,194 | 2,780 | 1,287 | 512 | 289 | 179 | 255 | 287 | 384 | 48 |
| New England | 1,446 | 51 | 138 | 247 | 341 | 398 | 144 | 78 | 23 | 5 | 8 | 9 | 4 | — |
| Maine | 68 | 2 | 30 | 11 | 8 | 8 | 1 | — | — | 1 | — | 5 | 2 | — |
| N.H. | 129 | 3 | 13 | 29 | 29 | 34 | 11 | 3 | 1 | — | 4 | 2 | — | — |
| Vt. | 407 | 25 | 41 | 73 | 140 | 92 | 19 | 15 | — | 1 | 1 | — | — | — |
| Mass. | 491 | 20 | 28 | 76 | 96 | 140 | 64 | 46 | 11 | 3 | 3 | 2 | 2 | — |
| R.I. | 93 | — | 5 | 4 | 16 | 40 | 16 | 7 | 5 | — | — | — | — | — |
| Conn. | 258 | 1 | 21 | 54 | 52 | 84 | 33 | 7 | 6 | — | — | — | — | — |
| Mid. Atlantic | 2,088 | 64 | 95 | 245 | 467 | 625 | 249 | 112 | 33 | 15 | 49 | 35 | 99 | — |
| N.Y. (excl. N.Y.C.) | 1,191 | 18 | 39 | 71 | 264 | 375 | 169 | 90 | 24 | 8 | 34 | 20 | 79 | — |
| N.Y.C. | 290 | 4 | 9 | 33 | 60 | 68 | 62 | 14 | 6 | 4 | 11 | 5 | 14 | — |
| N.J. | 340 | 35 | 7 | 115 | 49 | 89 | 15 | 8 | 3 | 2 | 3 | 9 | 5 | — |
| Pa. | 267 | 7 | 40 | 26 | 94 | 93 | 3 | — | — | 1 | 1 | 1 | — | — |
| E.N. Central | 2,890 | 135 | 281 | 430 | 491 | 647 | 353 | 115 | 68 | 37 | 64 | 145 | 121 | 3 |
| Ohio | 153 | 4 | 6 | 13 | 4 | 45 | 41 | 15 | 7 | — | 5 | — | 10 | 3 |
| Ind. | 808 | 54 | 45 | 129 | 249 | 175 | 39 | 9 | 24 | 10 | 16 | 28 | 30 | — |
| Ill. | 370 | 19 | 22 | 35 | 47 | 41 | 35 | 15 | 10 | 7 | 9 | 80 | 50 | — |
| Mich. | 1,260 | 37 | 177 | 210 | 147 | 324 | 219 | 63 | 12 | 9 | 24 | 20 | 18 | — |
| Wis. | 299 | 21 | 31 | 43 | 44 | 62 | 19 | 13 | 15 | 11 | 10 | 17 | 13 | — |
| W.N. Central | 511 | 33 | 70 | 119 | 51 | 73 | 64 | 16 | 17 | 19 | 22 | 12 | 15 | — |
| Minn. | 43 | 2 | 13 | 5 | 13 | 1 | 1 | 1 | 3 | 2 | 1 | — | — | — |
| Iowa | 53 | — | 2 | 39 | 2 | 5 | 3 | — | 1 | — | — | 1 | — | — |
| Mo. | 73 | 3 | 8 | 12 | 10 | 7 | 3 | 2 | 9 | 7 | 5 | 5 | 2 | — |
| N. Dak. | 9 | 4 | 1 | 3 | — | — | — | 1 | — | — | — | — | — | — |
| S. Dak. | 5 | — | — | — | — | 2 | — | 2 | 1 | — | — | — | — | — |
| Nebr. | 202 | 7 | 32 | 41 | 12 | 46 | 52 | 9 | 1 | 2 | — | — | — | — |
| Kans. | 126 | 17 | 14 | 19 | 14 | 12 | 5 | 1 | 4 | 7 | 15 | 5 | 13 | — |
| S. Atlantic | 1,303 | 65 | 100 | 162 | 307 | 338 | 143 | 52 | 35 | 10 | 18 | 20 | 38 | 15 |
| Dal. | 8 | — | — | 1 | 1 | — | 2 | — | 1 | — | 1 | 2 | — | — |
| Md. | 28 | 1 | 3 | 17 | 3 | 1 | 3 | — | — | — | — | — | — | — |
| D.C. | 1 | — | — | — | — | 1 | — | — | — | — | — | — | — | — |
| Va. | 208 | 1 | 1 | 13 | 40 | 67 | 60 | 10 | 8 | 2 | 1 | — | 5 | — |
| W. Va. | 112 | 14 | 20 | 19 | 21 | 20 | 2 | 4 | — | — | 3 | 1 | 4 | — |
| N.C. | 537 | 7 | 23 | 41 | 163 | 199 | 53 | 30 | 11 | 1 | 3 | 2 | 4 | — |
| S.C. | 77 | — | 1 | 27 | 16 | 8 | 7 | — | 2 | 1 | 2 | 1 | 12 | — |
| Ga. | 14 | — | — | 2 | — | 3 | 2 | 1 | 3 | — | — | 3 | — | — |
| Fla. | 318 | 42 | 52 | 42 | 63 | 39 | 14 | 7 | 6 | 6 | 8 | 11 | 13 | 15 |
| E.S. Central | 310 | 9 | 40 | 84 | 26 | 76 | 31 | 11 | 14 | 8 | 3 | 4 | 4 | — |
| Ky. | 73 | 6 | 10 | 20 | 5 | 7 | 14 | 2 | 4 | — | 1 | 2 | 2 | — |
| Tenn. | 102 | 2 | 15 | 28 | 16 | 7 | 10 | 4 | 9 | 6 | 1 | 2 | 2 | — |
| Ala. | 44 | 1 | 8 | 5 | 5 | 12 | 5 | 5 | 1 | 2 | — | — | — | — |
| Miss. | 91 | — | 7 | 31 | — | 50 | 2 | — | — | — | 1 | — | — | — |
| W.S. Central | 272 | 15 | 19 | 75 | 35 | 21 | 32 | 9 | 17 | 14 | 15 | 13 | 7 | — |
| Ark. | 5 | — | — | 5 | — | — | — | — | — | — | — | — | — | — |
| La. | 31 | — | 5 | 10 | 6 | 4 | — | 1 | — | 2 | 2 | 1 | — | — |
| Okla. | 24 | 4 | — | 12 | 2 | 4 | — | — | — | — | 1 | 1 | — | — |
| Texas | 212 | 11 | 14 | 48 | 27 | 13 | 32 | 8 | 17 | 12 | 12 | 11 | 7 | — |
| Mountain | 558 | 19 | 72 | 109 | 82 | 126 | 73 | 16 | 8 | 19 | 8 | 8 | 18 | — |
| Mont. | 68 | 8 | 9 | 14 | 18 | 5 | 7 | 3 | 1 | — | 1 | — | 2 | — |
| Idaho | 209 | 2 | 39 | 43 | 43 | 27 | 39 | 6 | 3 | 2 | — | 2 | 3 | — |
| Wyo. | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Colo. | 68 | 6 | 10 | 5 | 11 | 26 | 6 | 1 | 1 | 1 | — | — | 1 | — |
| N. Mex. | 12 | — | 2 | 2 | 3 | 1 | 2 | — | — | 1 | — | — | — | — |
| Ariz. | 153 | 3 | 8 | 44 | 6 | 52 | 11 | 2 | — | 13 | 4 | 3 | 7 | — |
| Utah | 45 | — | 4 | 1 | — | 15 | 7 | 4 | 2 | 2 | 3 | 3 | 4 | — |
| Nev. | 3 | — | — | — | 1 | — | 1 | — | 1 | — | — | — | — | — |
| Pacific | 2,417 | 140 | 327 | 436 | 394 | 476 | 198 | 103 | 74 | 52 | 68 | 41 | 78 | 30 |
| Wash. | 228 | 25 | 20 | 42 | 31 | 40 | 9 | 6 | 3 | 9 | 10 | 10 | 23 | — |
| Oreg. | 127 | 5 | 14 | 21 | 9 | 14 | 13 | 12 | 3 | 10 | 8 | 3 | 15 | — |
| Calif. | 2,041 | 107 | 293 | 372 | 350 | 421 | 171 | 82 | 67 | 31 | 49 | 28 | 40 | 30 |
| Alaska | 4 | — | — | 1 | — | 1 | — | — | 1 | — | 1 | — | — | — |
| Hawaii | 17 | 3 | — | — | 4 | — | 4 | 3 | — | 2 | — | — | — | — |
| Guam | 4 | 1 | — | 2 | — | — | 1 | — | — | — | — | — | — | — |
| P.R. | 41 | 2 | 10 | 10 | 7 | 4 | 3 | — | 3 | — | 1 | 1 | — | — |
| V.I. | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Pac. Trust Terr. | 3 | — | — | — | — | 1 | — | — | — | — | — | 2 | — | — |

RUBELLA

RUBELLA (German measles) — Reported case rates by age group,* United States, 1979



*EXCLUDES UNKNOWN AGES.

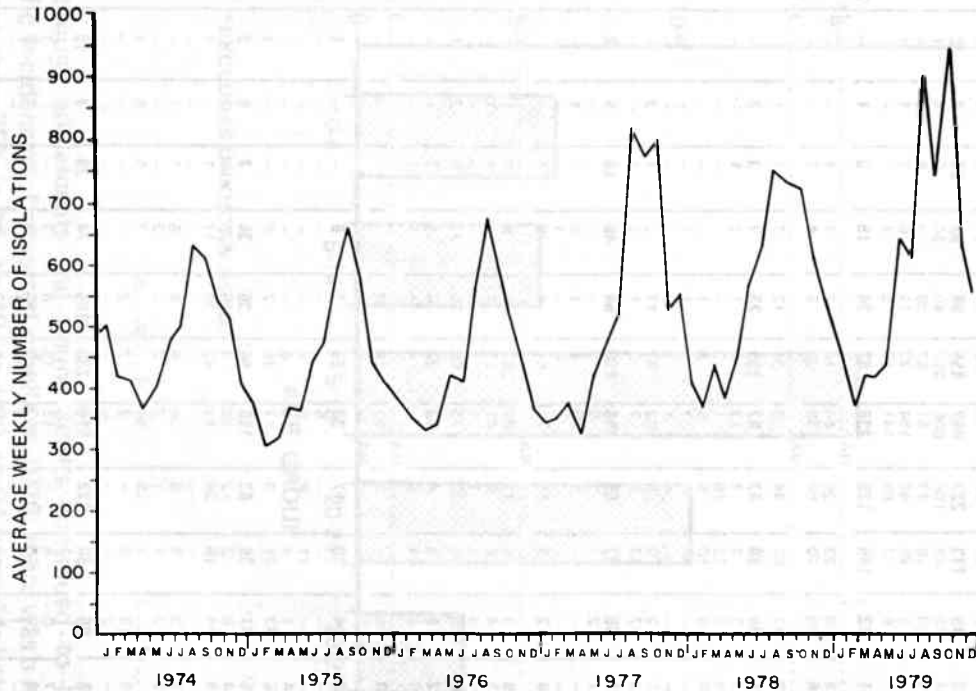
Although adolescents and young adults continued to have the highest age-specific incidences of reported rubella in 1979, there was a reduction in incidence of more than 35% in 15- to 19- and 20- to 24-year-olds between 1978 and 1979. Seventy-one percent of cases in which age was known occurred in those 15 years of age and older in 1979.

RUBELLA — (German measles) — Reported cases by state and by age, United States, 1979

| Area | Total | Under 1 | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-39 | 40-49 | 50-59 | 60+ | Unk. |
|----------------------|---------------|------------------------|------------------------|------------|------------|--------------|--------------------------|------------------------|------------|------------|-----------|-----------|--------------|
| United States | 11,795 | 339¹ | 443¹ | 583 | 943 | 2,748 | 1,803¹ | 516¹ | 386 | 110 | 44 | 29 | 3,802 |
| New England | 1,446 | 23 | 40 | 80 | 167 | 387 | 355 | 155 | 106 | 27 | 16 | 3 | 87 |
| Maine | 68 | 5 | 4 | 5 | 3 | 20 | 16 | 1 | — | — | — | — | 14 |
| N.H. | 129 | 4 | 8 | 3 | 13 | 55 | 33 | 7 | 1 | 1 | 4 | — | — |
| Vt. | 407 | 3 | 10 | 50 | 94 | 110 | 36 | 21 | 14 | 2 | 2 | — | 65 |
| Mass. | 491 | 9 | 14 | 9 | 33 | 104 | 152 | 81 | 57 | 18 | 5 | 2 | 7 |
| R.I. | 93 | 1 | 1 | 1 | 2 | 23 | 36 | 15 | 13 | — | 1 | — | — |
| Conn. | 258 | 1 | 3 | 12 | 22 | 75 | 82 | 30 | 21 | 6 | 4 | 1 | 1 |
| Mid. Atlantic | 2,088 | 40 | 45 | 113 | 227 | 952 | 455 | 98 | 92 | 24 | 7 | 2 | 33 |
| N.Y. (excl. NYC) | 1,191 | 14 | 18 | 45 | 106 | 606 | 297 | 40 | 34 | 9 | 4 | 1 | 17 |
| N.Y.C. | 290 | 25 | 20 | 16 | 17 | 51 | 57 | 39 | 39 | 8 | 2 | — | 16 |
| N.J. | 340 | — | 1 | 29 | 45 | 154 | 72 | 14 | 16 | 7 | 1 | 1 | — |
| Pa. | 267 | 1 | 6 | 23 | 59 | 141 | 29 | 5 | 3 | — | — | — | — |
| E.N. Central | 2,890 | 61 | 82 | 146 | 125 | 236 | 82 | 24 | 15 | 3 | 1 | — | 2,115 |
| Ohio | 153 | — | — | — | — | NA | — | — | — | — | — | — | 153 |
| Ind. | 808 | 15 | 19 | 23 | 25 | 46 | 10 | 7 | 4 | 1 | — | — | 658 |
| Ill. | 370 | 16 | 20 | 70 | 56 | 138 | 38 | 5 | 4 | 1 | — | — | 22 |
| Mich. | 1,260 | — | — | — | — | NA | — | — | — | — | — | — | 1,260 |
| Wis. | 299 | 30 | 43 | 53 | 44 | 52 | 34 | 12 | 7 | 1 | 1 | — | 22 |
| N.W. Central | 511 | 21 | 36 | 50 | 43 | 97 | 109 | 23 | 7 | 3 | 2 | — | 120 |
| Minn. | 43 | 3 | 3 | 4 | 7 | 13 | 9 | 1 | 2 | 1 | — | — | — |
| Iowa | 53 | 4 | 5 | 22 | 18 | 1 | 3 | — | — | — | — | — | — |
| Mo. | 73 | 10 | 19 | 10 | 5 | 5 | 5 | 1 | — | — | — | — | 18 |
| N. Dak. | 9 | — | — | — | — | 7 | — | 1 | 1 | — | — | — | — |
| S. Dak. | 5 | — | — | — | — | 1 | 2 | — | — | — | — | — | — |
| Nebr. | 202 | 1 | 2 | 2 | 8 | 63 | 87 | 17 | 2 | 1 | 2 | — | 17 |
| Kans. | 126 | 3 | 7 | 12 | 5 | 7 | 3 | 1 | 2 | 1 | — | — | 85 |
| Atlantic | 1,303 | 31 | 60 | 37 | 55 | 354 | 460 | 64 | 49 | 16 | 5 | 2 | 170 |
| Del. | 8 | 1 | 2 | — | 1 | 2 | 2 | — | — | — | — | — | — |
| Md. | 28 | — | — | — | 1 | 10 | 8 | 1 | 5 | 2 | 1 | — | — |
| D.C. | 1 | — | — | — | — | — | — | — | 1 | — | — | — | — |
| Va. | 208 | 16 | 12 | 3 | 15 | 74 | 64 | 4 | 8 | 4 | — | — | 8 |
| W. Va. | 112 | — | — | — | — | NA | — | — | — | — | — | — | 112 |
| N.C. | 537 | 5 | 3 | 5 | 11 | 181 | 287 | 30 | 8 | 3 | 1 | 1 | 2 |
| S.C. | 77 | 3 | 4 | 2 | 6 | 11 | 12 | 1 | — | 1 | 1 | — | 36 |
| Ga. | 14 | — | 4 | 1 | 1 | 1 | 2 | 3 | — | — | — | — | 2 |
| Fla. | 318 | 6 | 35 | 26 | 20 | 75 | 85 | 25 | 27 | 6 | 2 | 1 | 10 |
| S.S. Central | 310 | 12 | 6 | 5 | 4 | 13 | 22 | 4 | 1 | 1 | — | — | 242 |
| Ky. | 73 | 9 | 5 | 4 | 2 | — | 4 | — | 1 | 1 | — | — | 47 |
| Tenn. | 102 | — | — | — | — | NA | — | — | — | — | — | — | 102 |
| Ala. | 44 | 3 | 1 | 1 | 2 | 13 | 18 | 4 | — | — | — | — | 2 |
| Miss. | 91 | — | — | — | — | NA | — | — | — | — | — | — | 91 |
| S.W. Central | 272 | 50 | 44 | 36 | 17 | 37 | 26 | 7 | 6 | — | — | 1 | 48 |
| Ark. | 5 | — | — | — | — | 5 | — | — | — | — | — | — | — |
| La. | 31 | — | — | 11 | 8 | 6 | 4 | — | — | — | — | — | 2 |
| Okla. | 24 | 4 | 1 | 4 | — | 9 | 6 | — | — | — | — | — | — |
| Texas | 212 | 46 | 43 | 21 | 9 | 17 | 16 | 7 | 6 | — | — | 1 | 46 |
| Mountain | 558 | 25¹ | 41¹ | 36 | 83 | 156 | 56¹ | 36¹ | 36 | 7 | 6 | 2 | 25 |
| Mont. | 68 | 4 | 8 | 2 | 12 | 26 | 4 | 6 | 5 | — | — | — | 1 |
| Idaho | 209 | 8 | 14 | 18 | 34 | 47 | 42 | 20 | 17 | 1 | — | — | 7 |
| Wyo. | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Colo. | 68 | 2 | 3 | 3 | 8 | 28 | 6 | 8 | 5 | 1 | 1 | — | 3 |
| N. Mex. | 12 | 2 | 2 | 1 | 1 | 2 | 2 | — | 2 | — | — | — | — |
| Ariz. | 153 | (... 17 ...) | (... 17 ...) | 7 | 28 | 50 | (... 32 ...) | (... 32 ...) | 7 | 5 | 5 | 1 | 1 |
| Utah | 45 | 9 | 12 | 5 | — | 3 | 2 | 2 | — | — | — | — | 12 |
| Nev. | 3 | — | 2 | — | — | — | — | — | — | — | — | — | 1 |
| Pacific | 2,417 | 76 | 89 | 80 | 222 | 516 | 238 | 105 | 74 | 29 | 7 | 19 | 962 |
| Wash. | 228 | — | — | — | — | NA | — | — | — | — | — | — | 228 |
| Oreg. | 127 | 7 | 6 | 4 | 5 | 11 | 18 | 6 | 3 | — | — | 1 | 66 |
| Calif. | 2,041 | 69 | 77 | 76 | 217 | 502 | 213 | 96 | 69 | 29 | 7 | 18 | 668 |
| Alaska | 4 | — | 1 | — | — | 1 | 1 | 1 | — | — | — | — | — |
| Hawaii | 17 | — | 5 | — | — | 2 | 6 | 2 | 2 | — | — | — | — |
| Guam | 4 | 2 | — | — | — | — | — | — | — | — | — | — | 2 |
| P.R. | 41 | 4 | 2 | 1 | 3 | 6 | 11 | 6 | 3 | 3 | — | — | 2 |
| V.I. | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Pac. Trust Terr. | 3 | — | — | — | — | NA | — | — | — | — | — | — | 3 |

¹ Does not include cases reported by state of Arizona.

SALMONELLA — Reported isolations from humans by week,* United States, 1974-1979



*Each point represents the weekly average number of isolates for the month.

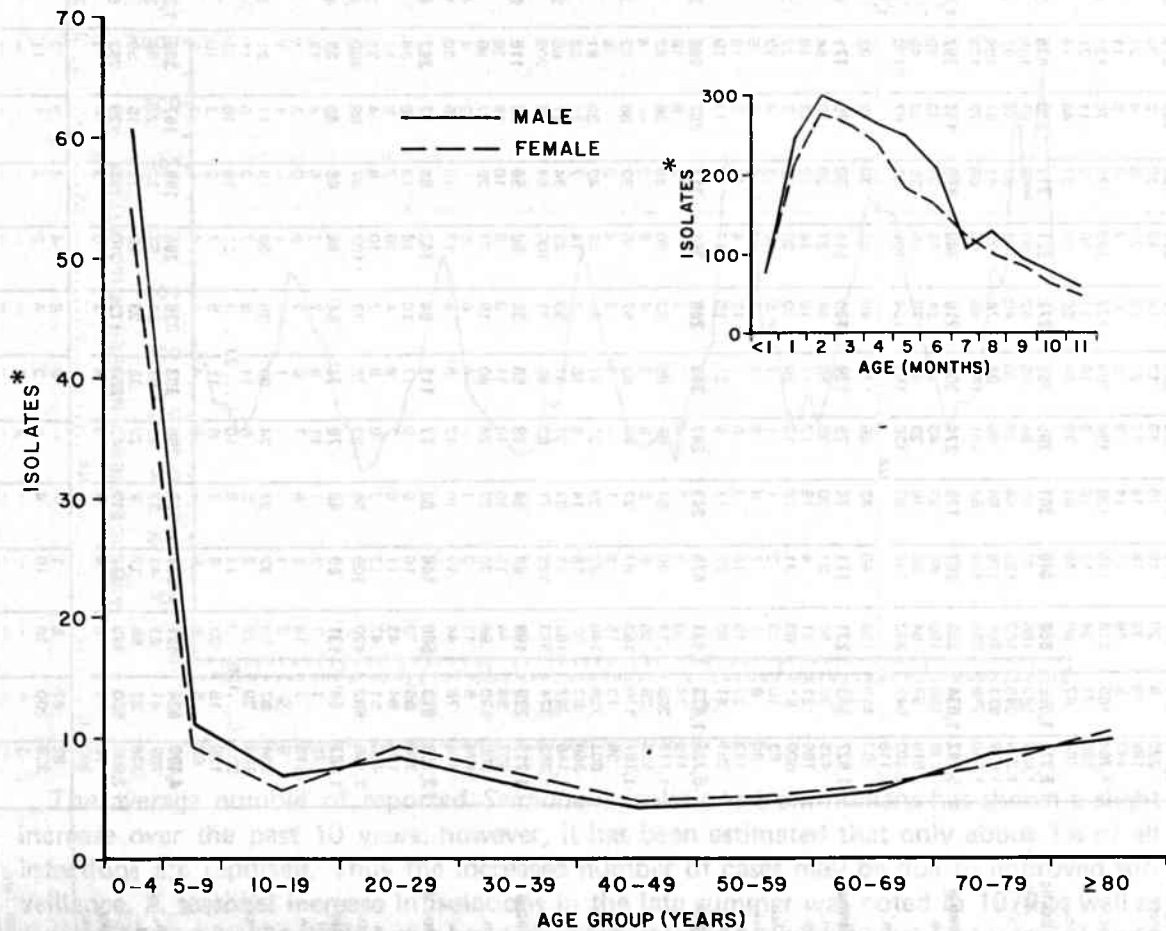
The average number of reported *Salmonella* isolations from humans has shown a slight increase over the past 10 years; however, it has been estimated that only about 1% of all infections are reported. Thus the increased number of cases may be due to improved surveillance. A seasonal increase in isolations in the late summer was noted in 1979 as well as in previous years. The high rate of isolation from children under the age of 1 year is in part due to the high rate of culturing of such children.

SALMONELLOSIS (excluding typhoid fever) — Reported cases by state and by age, United States, 1979

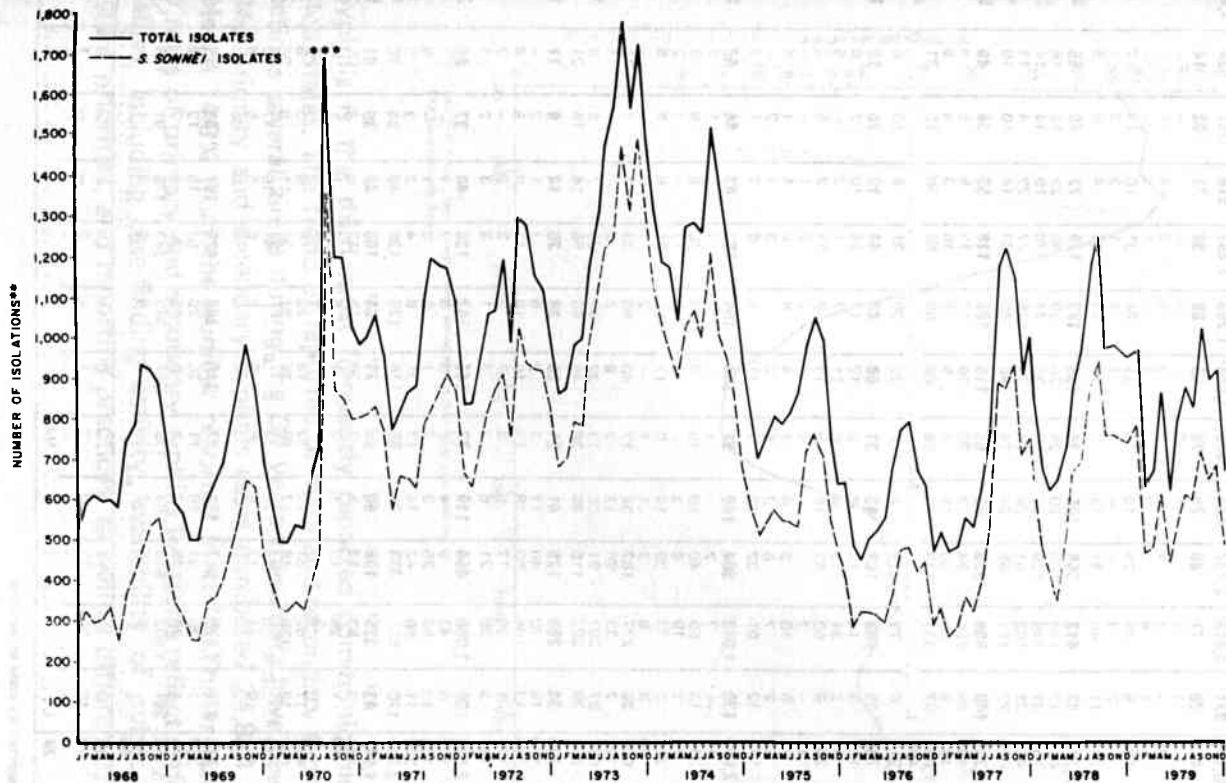
| Area | Total | Under 1 | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-39 | 40-49 | 50-59 | 60+ | Unk. |
|----------------------|---------------|--------------------------|--------------------------|--------------|--------------|--------------|--------------------------|--------------------------|--------------|--------------|--------------|--------------|--------------|
| United States | 33,138 | 5,888¹ | 4,942¹ | 2,026 | 1,386 | 1,632 | 2,039¹ | 1,504¹ | 1,880 | 1,179 | 1,198 | 2,657 | 6,649 |
| New England | 3,245 | 299 | 407 | 246 | 249 | 325 | 353 | 217 | 271 | 137 | 139 | 279 | 323 |
| Maine | 229 | 8 | 20 | 10 | 10 | 19 | 17 | 14 | 12 | 10 | 3 | 21 | 85 |
| N. H. | 189 | 18 | 33 | 18 | 14 | 13 | 22 | 19 | 20 | 6 | 4 | 21 | 1 |
| Vt. | 143 | 5 | 16 | 11 | 14 | 9 | 9 | 6 | 7 | 6 | 5 | 11 | 44 |
| Mass. | 1,764 | 165 | 215 | 145 | 139 | 196 | 205 | 129 | 162 | 76 | 70 | 131 | 131 |
| R. I. | 156 | 21 | 24 | 13 | 10 | 9 | 16 | 11 | 16 | 2 | 11 | 21 | 2 |
| Conn. | 764 | 82 | 99 | 49 | 62 | 79 | 84 | 38 | 54 | 37 | 46 | 74 | 60 |
| Mid. Atlantic | 5,311 | 1,059 | 866 | 440 | 301 | 305 | 355 | 272 | 321 | 211 | 215 | 435 | 531 |
| N. Y. (excl. NYC) | 1,059 | 142 | 186 | 73 | 85 | 84 | 85 | 62 | 84 | 49 | 57 | 105 | 47 |
| N. Y. C. | 1,294 | 345 | 162 | 122 | 44 | 30 | 30 | 40 | 50 | 33 | 35 | 91 | 312 |
| N. J. | 1,428 | 313 | 265 | 116 | 85 | 90 | 94 | 74 | 92 | 61 | 51 | 104 | 83 |
| Pa. | 1,530 | 259 | 253 | 129 | 87 | 101 | 146 | 96 | 95 | 68 | 72 | 135 | 89 |
| E. N. Central | 5,242 | 1,034 | 606 | 267 | 175 | 274 | 304 | 215 | 240 | 158 | 194 | 357 | 1,418 |
| Ohio | 639 | 180 | 100 | 46 | 33 | 49 | 38 | 34 | 35 | 21 | 33 | 39 | 31 |
| Ind. | 519 | 87 | 64 | 36 | 16 | 23 | 40 | 28 | 39 | 25 | 32 | 49 | 80 |
| Ill. | 2,202 | 649 | 333 | 145 | 83 | 136 | 153 | 104 | 105 | 73 | 87 | 176 | 158 |
| Mich. | 1,115 | (...) | (...) | (...) | (...) | (...) | (...) | (...) | (...) | (...) | (...) | (...) | 1,115 |
| Wis. | 767 | 118 | 109 | 40 | 43 | 66 | 73 | 49 | 61 | 39 | 42 | 93 | 34 |
| W. N. Central | 1,827 | 243 | 231 | 111 | 74 | 79 | 139 | 109 | 111 | 80 | 79 | 171 | 400 |
| Minn. | 435 | 39 | 50 | 31 | 20 | 29 | 56 | 44 | 37 | 29 | 30 | 64 | 6 |
| Iowa | 186 | 31 | 31 | 4 | 15 | 17 | 17 | 10 | 14 | 12 | 13 | 19 | 3 |
| Mo. | 609 | 91 | 63 | 31 | 18 | 12 | 29 | 20 | 28 | 22 | 7 | 37 | 251 |
| N. Dak. | 83 | 10 | 13 | 3 | 1 | 1 | 7 | 5 | 9 | 3 | 4 | 12 | 15 |
| S. Dak. | 90 | 8 | 6 | 7 | 6 | 8 | 4 | 3 | 2 | 6 | 3 | 5 | 32 |
| Nebr. | 133 | 23 | 13 | 10 | 3 | 6 | 5 | 12 | 4 | 4 | 5 | 15 | 33 |
| Kans. | 291 | 41 | 55 | 25 | 11 | 6 | 21 | 15 | 17 | 4 | 17 | 19 | 60 |
| S. Atlantic | 6,735 | 1,433 | 1,431 | 475 | 243 | 247 | 343 | 269 | 354 | 212 | 202 | 608 | 918 |
| Del. | 110 | 24 | 20 | 4 | 2 | 4 | 7 | 2 | 7 | 2 | 6 | 18 | 14 |
| Md. | 1,118 | 265 | 214 | 96 | 61 | 63 | 85 | 53 | 80 | 35 | 36 | 87 | 43 |
| D. C. | 136 | 28 | 55 | 9 | 5 | 6 | 3 | 4 | 5 | 2 | — | 4 | 15 |
| Va. | 1,151 | 170 | 163 | 87 | 27 | 43 | 63 | 52 | 56 | 33 | 36 | 82 | 339 |
| W. Va. | 59 | 13 | 15 | 5 | 1 | — | 2 | 3 | 4 | 3 | — | 8 | 5 |
| N. C. | 803 | 229 | 148 | 72 | 29 | 31 | 37 | 41 | 45 | 42 | 39 | 81 | 9 |
| S. C. | 359 | 83 | 50 | 18 | 14 | 5 | 16 | 7 | 14 | 7 | 13 | 33 | 99 |
| Ga. | 1,146 | 247 | 183 | 61 | 33 | 33 | 41 | 36 | 43 | 34 | 27 | 86 | 322 |
| Fla. | 1,853 | 374 | 583 | 123 | 71 | 62 | 89 | 71 | 100 | 54 | 45 | 209 | 72 |
| E. S. Central | 1,713 | 289 | 199 | 68 | 54 | 49 | 60 | 38 | 59 | 50 | 59 | 116 | 672 |
| Ky. | 307 | 86 | 44 | 15 | 16 | 13 | 11 | 8 | 9 | 10 | 15 | 26 | 54 |
| Tenn. | 508 | 120 | 96 | 33 | 27 | 24 | 40 | 19 | 33 | 29 | 27 | 56 | 4 |
| Ala. | 474 | 5 | 15 | 3 | 1 | — | 4 | 6 | 5 | 1 | 2 | 4 | 428 |
| Miss. | 424 | 78 | 44 | 17 | 10 | 12 | 5 | 5 | 12 | 10 | 15 | 30 | 186 |
| W. S. Central | 3,168 | 813 | 580 | 149 | 80 | 77 | 111 | 94 | 142 | 84 | 97 | 262 | 679 |
| Ark. | 366 | 96 | 70 | 16 | 9 | 9 | 17 | 10 | 19 | 12 | 16 | 34 | 58 |
| La. | 196 | 64 | 43 | 11 | 9 | 7 | 8 | 4 | 10 | 7 | 8 | 17 | 8 |
| Okla. | 408 | 61 | 47 | 13 | 7 | 8 | 8 | 7 | 10 | 8 | 4 | 31 | 204 |
| Texas | 2,198 | 592 | 420 | 109 | 55 | 53 | 78 | 73 | 103 | 57 | 69 | 180 | 409 |
| Mountain | 1,407 | 94¹ | 131¹ | 69 | 48 | 70 | 71¹ | 54¹ | 84 | 48 | 46 | 89 | 445 |
| Mont. | 75 | 7 | 7 | 3 | 1 | 11 | 8 | 7 | 3 | 5 | 4 | 12 | 7 |
| Idaho | 115 | 7 | 18 | 3 | 6 | 7 | 6 | 7 | 5 | 9 | 3 | 7 | 37 |
| Wyo. | 9 | — | 2 | 1 | — | — | 1 | — | 1 | — | 1 | 1 | 2 |
| Colo. | 534 | 37 | 50 | 32 | 21 | 24 | 30 | 25 | 36 | 13 | 11 | 21 | 234 |
| N. Mex. | 184 | 20 | 22 | 2 | 5 | 6 | 11 | 6 | 7 | 3 | 5 | 11 | 86 |
| Ariz. | 301 | (... 135 ...) | (...) | 14 | 8 | 10 | (... 23 ...) | (...) | 21 | 16 | 16 | 24 | 34 |
| Utah | 129 | 18 | 23 | 8 | 7 | 6 | 11 | 5 | 7 | 2 | 3 | 10 | 29 |
| Nev. | 60 | 5 | 9 | 6 | — | 6 | 4 | 4 | 4 | — | 3 | 3 | 16 |
| Pacific | 4,480 | 624 | 491 | 201 | 162 | 206 | 303 | 236 | 298 | 199 | 167 | 340 | 1,263 |
| Wash. | 709 | 41 | 81 | 43 | 32 | 39 | 61 | 34 | 53 | 33 | 23 | 56 | 213 |
| Oreg. | 326 | 27 | 55 | 17 | 9 | 22 | 38 | 23 | 29 | 12 | 15 | 30 | 49 |
| Calif. | 2,986 | 550 | 345 | 137 | 117 | 142 | 200 | 172 | 210 | 151 | 129 | 253 | 580 |
| Alaska | 70 | 6 | 10 | 4 | 4 | 3 | 4 | 7 | 6 | 3 | — | 1 | 22 |
| Hawaii | 399 | (...) | (...) | (...) | (...) | (...) | (...) | (...) | (...) | (...) | (...) | (...) | 399 |
| Guam | 88 | 47 | 8 | 1 | — | — | 6 | 8 | 4 | 4 | 2 | 7 | 1 |
| P. R. | 329 | 200 | 36 | 10 | 4 | — | 3 | 4 | 2 | 3 | 1 | 11 | 54 |
| V. I. | 3 | — | — | — | — | — | 2 | 1 | — | — | — | — | — |
| Pac. Trust Terr. | — | — | — | — | — | — | — | — | — | — | — | — | — |

¹ Does not include cases reported by state of Arizona.

SALMONELLA — Reported human isolation rates by age, United States, 1979



* PER 100,000 POPULATION



*NO REPORTS FROM CALIFORNIA OR THE VIRGIN ISLANDS AFTER 1969

**ADJUSTED TO 4-WEEK MONTH

***APPROXIMATELY 400 ISOLATIONS IN AUGUST 1970 COMMON-SOURCE OUTBREAK IN HAWAII

Most *Shigella* infections in the United States are due to *S. sonnei*. The exception is in American Indians, who are most frequently infected with *S. flexneri*. Although there is usually an increased number of reported isolates in late summer, seasonality is not as marked as it is for salmonellosis.

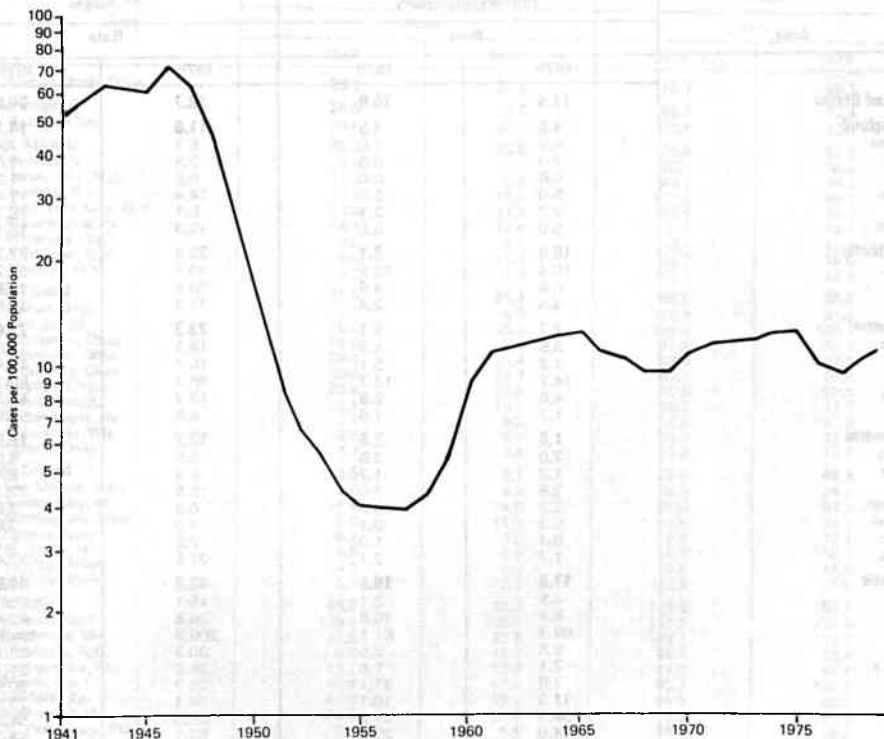
SHIGELLOSIS

SHIGELLOSIS — Reported cases by state and by age, United States, 1979

| Area | Total | Under 1 | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-39 | 40-49 | 50-59 | 60+ | Unk. |
|----------------------|---------------|------------------------|--------------------------|--------------|--------------|--------------|--------------------------|--------------------------|--------------|--------------|--------------|--------------|--------------|
| United States | 20,135 | 971¹ | 5,843¹ | 2,732 | 831 | 633 | 1,064¹ | 1,203¹ | 1,252 | 516 | 351 | 524 | 3,918 |
| New England | 452 | 20 | 77 | 60 | 26 | 26 | 40 | 50 | 59 | 21 | 22 | 14 | 37 |
| Maine | 6 | 1 | 2 | — | 1 | 2 | — | — | — | — | — | — | — |
| N.H. | 20 | — | 2 | 1 | — | 3 | 3 | 2 | 3 | 4 | 1 | 1 | 3 |
| Vt. | 18 | 1 | 5 | 3 | 2 | — | 2 | — | 1 | 1 | — | — | 9 |
| Mass. | 193 | 5 | 25 | 25 | 10 | 13 | 21 | 24 | 31 | 10 | 13 | 7 | 25 |
| R.I. | 14 | 2 | 3 | — | — | 1 | 1 | 1 | 1 | 2 | 2 | 1 | — |
| Conn. | 201 | 11 | 40 | 31 | 13 | 7 | 13 | 23 | 23 | 4 | 6 | 5 | — |
| Mid. Atlantic | 2,370 | 89 | 612 | 355 | 105 | 74 | 135 | 183 | 170 | 77 | 40 | 55 | 475 |
| N.Y. (excl NYC) | 494 | 17 | 149 | 100 | 20 | 24 | 25 | 39 | 40 | 22 | 12 | 18 | 28 |
| N.Y.C. | 794 | 27 | 149 | 129 | 32 | 10 | 35 | 74 | 70 | 19 | 14 | 14 | 221 |
| N.J. | 457 | 23 | 163 | 61 | 29 | 16 | 29 | 25 | 27 | 22 | 4 | 13 | 45 |
| Pa. | 625 | 22 | 151 | 65 | 24 | 24 | 46 | 45 | 33 | 14 | 10 | 10 | 181 |
| E.N. Central | 2,399 | 149 | 689 | 330 | 93 | 65 | 115 | 105 | 118 | 53 | 38 | 48 | 536 |
| Ohio | 480 | 35 | 226 | 94 | 22 | 28 | 16 | 17 | 13 | 5 | 5 | 4 | 15 |
| Ind. | 192 | 9 | 60 | 30 | 18 | 5 | 9 | 9 | 16 | 3 | 4 | 5 | 24 |
| Ill. | 1,022 | 97 | 331 | 178 | 45 | 26 | 68 | 59 | 68 | 36 | 19 | 31 | 64 |
| Mich. | 426 | — | — | — | — | — | — | — | — | — | — | — | 426 |
| Wis. | 219 | 8 | 72 | 28 | 8 | 6 | 22 | 20 | 21 | 9 | 10 | 8 | 7 |
| W.N. Central | 733 | 36 | 188 | 108 | 43 | 31 | 60 | 48 | 44 | 19 | 16 | 18 | 122 |
| Minn. | 107 | 5 | 14 | 13 | 2 | 6 | 12 | 17 | 14 | 10 | 7 | 6 | 1 |
| Iowa | 84 | 2 | 31 | 15 | 4 | 6 | 11 | 7 | 1 | 2 | — | 5 | — |
| Mo. | 258 | 9 | 60 | 33 | 16 | 5 | 19 | 9 | 13 | 2 | 5 | 2 | 85 |
| N. Dak. | 13 | — | 7 | — | — | 1 | — | 2 | 2 | 1 | — | — | — |
| S. Dak. | 73 | 6 | 18 | 9 | 6 | 1 | 4 | 4 | 5 | 1 | 1 | 4 | 14 |
| Nebr. | 39 | 2 | 7 | 6 | 3 | 5 | 3 | — | 3 | 1 | 2 | 1 | 7 |
| Kans. | 159 | 12 | 51 | 32 | 12 | 7 | 11 | 9 | 6 | 2 | 1 | 1 | 15 |
| S. Atlantic | 2,930 | 130 | 1,043 | 504 | 160 | 91 | 154 | 194 | 166 | 43 | 44 | 58 | 343 |
| Del. | 16 | — | 7 | 2 | — | 1 | — | 1 | 1 | — | 1 | 1 | 2 |
| Md. | 236 | 13 | 99 | 40 | 10 | 10 | 8 | 16 | 16 | 6 | 9 | 9 | — |
| D.C. | 77 | 2 | 19 | 9 | 3 | — | 3 | 9 | 13 | — | 1 | 2 | 16 |
| Va. | 274 | 3 | 73 | 39 | 14 | 9 | 17 | 21 | 21 | 6 | 5 | 5 | 61 |
| W. Va. | 20 | 3 | 6 | 3 | 1 | 1 | — | 2 | 1 | 2 | — | — | 1 |
| N.C. | 690 | 26 | 277 | 182 | 34 | 17 | 40 | 50 | 33 | 8 | 7 | 11 | 5 |
| S.C. | 128 | 7 | 33 | 20 | 13 | 2 | 8 | 3 | 3 | — | 1 | 1 | 37 |
| Ga. | 681 | 37 | 207 | 91 | 36 | 13 | 32 | 37 | 20 | 7 | 5 | 8 | 188 |
| Fla. | 808 | 39 | 322 | 118 | 49 | 38 | 46 | 55 | 58 | 14 | 15 | 21 | 33 |
| E.S. Central | 733 | 34 | 250 | 126 | 41 | 21 | 28 | 29 | 26 | 14 | 9 | 11 | 144 |
| Ky. | 186 | 15 | 70 | 40 | 11 | 3 | 2 | 8 | 3 | 1 | 2 | — | 31 |
| Tenn. | 273 | 13 | 106 | 53 | 18 | 13 | 16 | 18 | 17 | 8 | 5 | 6 | — |
| Ala. | 121 | 3 | 36 | 12 | 6 | 3 | 7 | 2 | 3 | 2 | — | 2 | 45 |
| Miss. | 153 | 3 | 38 | 21 | 6 | 2 | 3 | 1 | 3 | 3 | 2 | 3 | 68 |
| W.S. Central | 2,857 | 199 | 1,080 | 454 | 119 | 73 | 141 | 142 | 138 | 44 | 37 | 86 | 344 |
| Ark. | 128 | 8 | 43 | 9 | 4 | 3 | 3 | 3 | 3 | 1 | — | — | 51 |
| La. | 123 | 10 | 60 | 25 | 2 | 2 | 1 | 5 | 3 | 1 | — | 6 | 8 |
| Okla. | 307 | 11 | 66 | 42 | 14 | 13 | 21 | 6 | 4 | 2 | 3 | 5 | 120 |
| Texas | 2,299 | 170 | 911 | 378 | 99 | 55 | 116 | 128 | 128 | 40 | 34 | 75 | 165 |
| Mountain | 1,947 | 43¹ | 325¹ | 198 | 60 | 65 | 75¹ | 64¹ | 106 | 48 | 39 | 61 | 566 |
| Mont. | 144 | 3 | 53 | 12 | 6 | 7 | 20 | 13 | 13 | 6 | 4 | 1 | 6 |
| Idaho | 70 | 1 | 28 | 10 | 1 | 2 | 1 | 5 | 4 | 1 | 1 | — | 16 |
| Wyo. | 4 | — | 3 | — | — | — | — | — | — | — | — | — | 1 |
| Colo. | 422 | 11 | 62 | 31 | 11 | 12 | 19 | 20 | 18 | 9 | 3 | 8 | 218 |
| N. Mex. | 622 | 19 | 138 | 48 | 17 | 16 | 26 | 21 | 24 | 11 | 9 | 26 | 267 |
| Ariz. | 539 | (... 230 ...) | — | 85 | 20 | 22 | (... 67 ...) | — | 41 | 16 | 17 | 19 | 22 |
| Utah | 129 | 9 | 41 | 12 | 5 | 6 | 9 | 5 | 5 | 5 | 5 | 6 | 21 |
| Nev. | 17 | — | — | — | — | — | — | — | 1 | — | — | — | 16 |
| Pacific | 5,774 | 271 | 1,579 | 597 | 184 | 187 | 316 | 388 | 425 | 197 | 106 | 173 | 1,351 |
| Wash. | 319 | 7 | 36 | 31 | 16 | 11 | 26 | 29 | 53 | 15 | 12 | 12 | 71 |
| Oreg. | 143 | 3 | 33 | 19 | 5 | 3 | 6 | 13 | 23 | 5 | 2 | 12 | 19 |
| Calif. | 5,169 | 261 | 1,502 | 539 | 161 | 173 | 281 | 343 | 347 | 175 | 91 | 149 | 1,147 |
| Alaska | 45 | — | 8 | 8 | 2 | — | 3 | 3 | 2 | 2 | 1 | — | 16 |
| Hawaii | 98 | (... NA ...) | (... NA ...) | (... NA ...) | (... NA ...) | (... NA ...) | (... NA ...) | (... NA ...) | (... NA ...) | (... NA ...) | (... NA ...) | (... NA ...) | 98 |
| Guam | 14 | — | 1 | 1 | 2 | — | 5 | 1 | — | — | — | — | 4 |
| P.R. | 72 | 10 | 32 | 12 | 2 | 2 | 1 | — | 2 | — | — | 1 | 10 |
| V.I. | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Pac. Trust Terr. | 29 | (... NA ...) | (... NA ...) | (... NA ...) | (... NA ...) | (... NA ...) | (... NA ...) | (... NA ...) | (... NA ...) | (... NA ...) | (... NA ...) | (... NA ...) | 29 |

¹ Does not include cases reported by state of Arizona.

SYPHILIS (Primary and secondary) — Reported civilian case rates by year, United States, 1941-1979*



*1941-1946 Fiscal Years: Twelve month period ending June 30 of year specified.
1947-1979 Calendar Years.

Syphilis is the third most frequently reported communicable disease in the United States. The trend of reported primary and secondary syphilis has changed directions several times during the 39 years these data have been available. Reported primary and secondary syphilis cases numbered 24,874 in 1979, an increase of 14.9% from the number reported in 1978. The variations in reported case rates of primary and secondary syphilis for states reflect differences in many variables, including case-finding activity, availability of public clinic facilities, program priorities, and reporting practices, as well as differences in attack rates.

SYPHILIS

SYPHILIS — Reported cases in civilians per 100,000 population by geographic division and by state, United States, calendar years 1978 and 1979

| Area | Primary/Secondary | | All Stages | |
|----------------------|-------------------|-------------|-------------|-------------|
| | Rate | | Rate | |
| | 1979 | 1978 | 1979 | 1978 |
| United States | 11.4 | 10.0 | 30.7 | 30.0 |
| New England | 4.0 | 4.6 | 11.6 | 14.1 |
| Maine | 0.9 | 1.0 | 5.3 | 7.4 |
| N.H. | 2.0 | 0.8 | 2.9 | 1.6 |
| Vt. | 0.6 | 0.6 | 0.8 | 1.2 |
| Mass. | 5.0 | 5.9 | 14.4 | 17.4 |
| R.I. | 2.2 | 3.1 | 8.1 | 15.7 |
| Conn. | 5.0 | 5.5 | 13.8 | 15.1 |
| Mid. Atlantic | 10.0 | 8.1 | 29.6 | 27.7 |
| N.Y. | 15.4 | 12.9 | 40.7 | 36.2 |
| N.J. | 6.6 | 4.9 | 26.5 | 24.8 |
| Pa. | 4.0 | 2.8 | 14.9 | 16.6 |
| E.N. Central | 7.2 | 6.1 | 23.3 | 23.6 |
| Ohio | 5.6 | 4.3 | 14.3 | 14.9 |
| Ind. | 4.3 | 3.1 | 16.7 | 17.4 |
| Ill. | 14.7 | 13.7 | 49.2 | 50.7 |
| Mich. | 4.5 | 2.8 | 13.7 | 12.3 |
| Wis. | 1.7 | 1.6 | 8.6 | 7.9 |
| W.N. Central | 1.8 | 2.6 | 12.2 | 18.0 |
| Minn. | 2.0 | 3.6 | 5.9 | 8.8 |
| Iowa | 1.3 | 1.2 | 8.3 | 8.1 |
| Mo. | 2.9 | 3.0 | 18.5 | 32.7 |
| N. Dak. | 0.3 | 0.6 | 0.8 | 2.8 |
| S. Dak. | 0.3 | 0.4 | 2.0 | 2.8 |
| Nebr. | 0.4 | 1.0 | 2.5 | 5.7 |
| Kans. | 1.7 | 3.7 | 27.5 | 32.4 |
| S. Atlantic | 17.0 | 16.6 | 43.8 | 44.6 |
| Del. | 4.5 | 2.1 | 15.1 | 10.9 |
| Md. | 8.4 | 10.8 | 36.8 | 45.4 |
| D.C. | 69.9 | 61.1 | 209.7 | 191.6 |
| Va. | 9.8 | 9.5 | 30.3 | 33.1 |
| W. Va. | 2.1 | 1.6 | 36.2 | 31.7 |
| N.C. | 7.9 | 11.1 | 25.2 | 30.5 |
| S.C. | 11.2 | 10.1 | 24.1 | 23.2 |
| Ga. | 32.3 | 27.9 | 65.0 | 54.8 |
| Fla. | 24.0 | 23.3 | 52.1 | 54.7 |
| E.S. Central | 11.9 | 8.1 | 25.5 | 19.5 |
| Ky. | 4.6 | 4.3 | 15.3 | 15.8 |
| Tenn. | 15.7 | 8.9 | 30.5 | 18.8 |
| Ala. | 8.0 | 5.4 | 15.2 | 11.2 |
| Miss. | 21.5 | 16.5 | 47.1 | 39.2 |
| W.S. Central | 20.3 | 16.2 | 42.5 | 37.3 |
| Ark. | 7.6 | 3.5 | 23.5 | 16.4 |
| La. | 28.1 | 18.5 | 56.4 | 41.4 |
| Okla. | 3.0 | 3.3 | 14.1 | 12.8 |
| Texas | 23.8 | 20.5 | 47.6 | 45.0 |
| Mountain | 4.9 | 4.1 | 12.9 | 13.7 |
| Mont. | 1.4 | 1.0 | 3.2 | 2.4 |
| Idaho | 1.8 | 1.0 | 2.9 | 1.5 |
| Wyo. | 2.2 | 1.4 | 6.5 | 6.2 |
| Colo. | 4.2 | 4.7 | 12.3 | 15.2 |
| N. Mex. | 7.8 | 7.3 | 19.1 | 23.0 |
| Ariz. | 6.3 | 4.9 | 19.8 | 21.9 |
| Utah | 0.4 | 1.1 | 3.0 | 3.8 |
| Nev. | 16.2 | 8.8 | 27.1 | 16.5 |
| Pacific | 16.2 | 15.2 | 45.2 | 43.5 |
| Wash. | 5.7 | 7.1 | 13.9 | 14.6 |
| Oreg. | 6.6 | 7.0 | 14.3 | 17.0 |
| Calif. | 19.5 | 18.1 | 55.5 | 53.1 |
| Alaska | 5.5 | 3.2 | 15.4 | 14.9 |
| Hawaii | 11.0 | 5.2 | 19.6 | 9.8 |
| Guam | 0.0 | 0.0 | 0.0 | 0.0 |
| P.R. | 18.3 | 16.1 | 50.8 | 50.0 |
| V.I. | 12.0 | 18.0 | 81.0 | 90.0 |

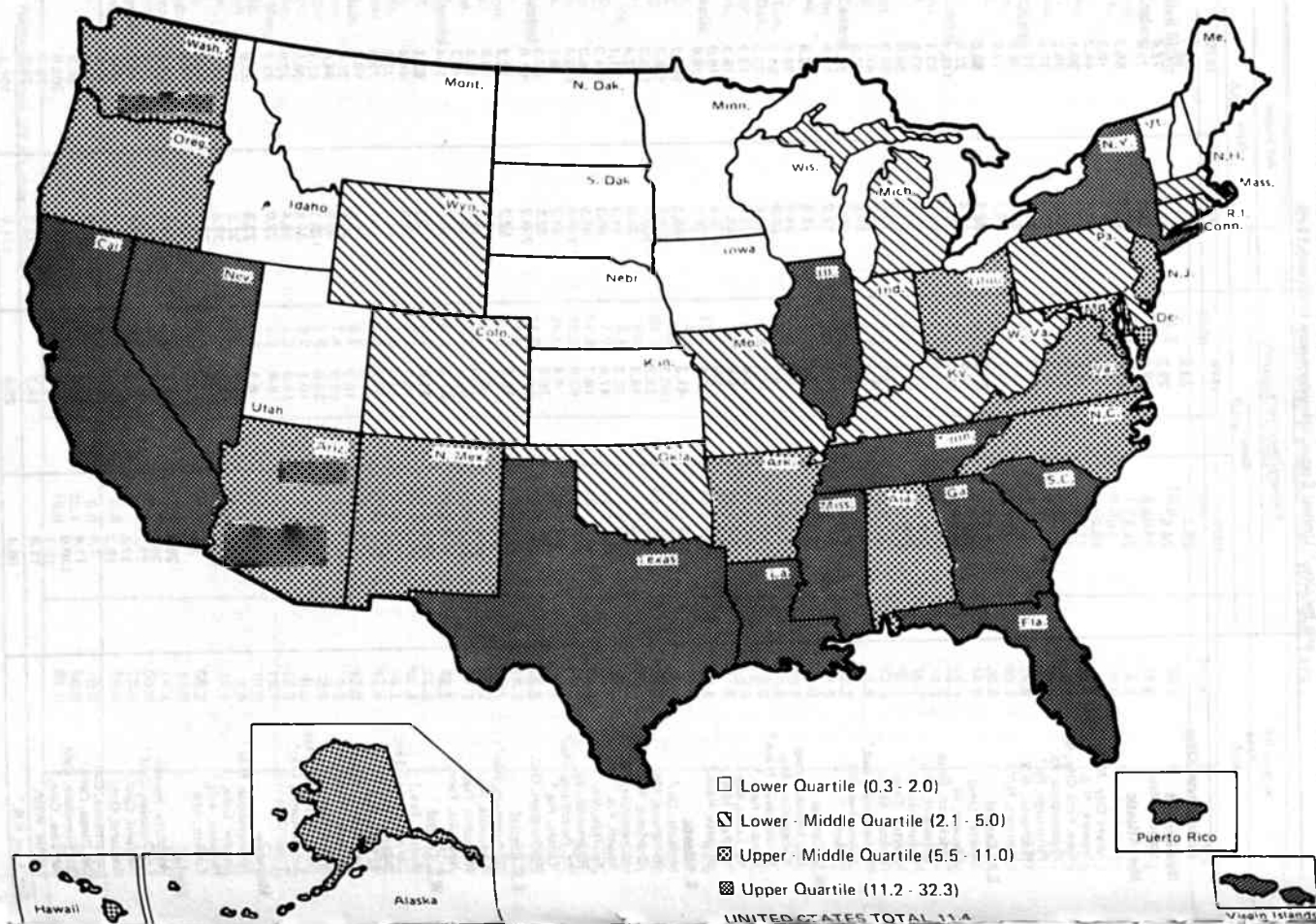
Note: Rates less than .05 are shown as 0.0.

SYPHILIS — Reported cases in civilians per 100,000 population by geographic division and by city,¹ United States, calendar years 1978 and 1979

| Area | Primary/Secondary | | All Stages | |
|-----------------------------------|-------------------|-------------|--------------|--------------|
| | Rate | | Rate | |
| | 1979 | 1978 | 1979 | 1978 |
| United States Cities | 28.1 | 23.6 | 72.3 | 68.7 |
| New England | 24.6 | 29.2 | 65.5 | 72.4 |
| Boston, Mass. | 24.6 | 29.2 | 65.5 | 72.4 |
| Mid. Atlantic | 24.8 | 20.0 | 70.9 | 65.3 |
| Buffalo, N.Y. | 5.6 | 5.1 | 16.9 | 16.9 |
| Jersey City, N.J. | 10.2 | 5.8 | 48.7 | 44.2 |
| Newark, N.J. | 37.7 | 18.6 | 112.5 | 95.1 |
| New York City, N.Y. | 33.0 | 27.8 | 87.5 | 76.2 |
| Philadelphia, Pa. | 18.1 | 12.4 | 70.4 | 77.4 |
| Pittsburgh, Pa. ² | 2.2 | 0.8 | 13.1 | 17.1 |
| Rochester, N.Y. | 9.8 | 11.4 | 28.2 | 38.0 |
| Yonkers, N.Y. | 5.3 | 3.7 | 10.1 | 12.8 |
| E.N. Central | 28.9 | 24.7 | 86.5 | 86.0 |
| Akron, Ohio | 4.1 | 4.9 | 18.4 | 21.5 |
| Chicago, Ill. | 48.9 | 45.2 | 149.9 | 148.1 |
| Cincinnati, Ohio | 16.9 | 9.8 | 37.8 | 43.1 |
| Cleveland, Ohio | 24.4 | 24.4 | 53.0 | 57.5 |
| Columbus, Ohio | 30.6 | 22.7 | 67.3 | 59.6 |
| Dayton, Ohio | 23.6 | 23.6 | 70.8 | 95.9 |
| Detroit, Mich. | 18.1 | 10.1 | 55.7 | 47.7 |
| Indianapolis, Ind. ² | 15.4 | 9.3 | 57.5 | 63.9 |
| Milwaukee, Wis. | 8.5 | 6.1 | 38.5 | 32.8 |
| Toledo, Ohio | 4.7 | 2.5 | 12.9 | 12.9 |
| W.N. Central | 6.5 | 8.1 | 28.0 | 48.4 |
| Des Moines, Iowa | 3.5 | 8.5 | 24.0 | 34.5 |
| Kansas City, Mo. | 16.4 | 14.0 | 66.9 | 94.5 |
| Minneapolis, Minn. ² | 6.0 | 11.1 | 15.6 | 23.3 |
| Omaha, Nebr. ² | 0.7 | 2.6 | 5.0 | 12.2 |
| St. Louis, Mo. | 6.8 | 6.6 | 48.7 | 119.3 |
| St. Paul, Minn. | 4.2 | 5.2 | 6.8 | 16.0 |
| Wichita, Kans. ² | 5.1 | 3.1 | 26.3 | 28.6 |
| S. Atlantic | 45.7 | 41.3 | 104.3 | 103.7 |
| Atlanta, Ga. ² | 129.9 | 100.7 | 239.8 | 186.9 |
| Baltimore, Md. | 23.5 | 33.5 | 103.1 | 135.2 |
| Charlotte, N.C. | 9.5 | 18.7 | 26.0 | 32.4 |
| Jacksonville, Fla. | 17.2 | 23.3 | 41.3 | 51.1 |
| Miami, Fla. ² | 48.8 | 47.4 | 95.3 | 104.2 |
| Norfolk, Va. | 44.0 | 18.7 | 84.5 | 68.3 |
| Richmond, Va. | 38.8 | 52.0 | 119.6 | 145.4 |
| St. Petersburg, Fla. ² | 8.2 | 4.4 | 24.2 | 19.2 |
| Tampa, Fla. ² | 53.9 | 35.2 | 82.5 | 67.2 |
| Washington, D.C. | 69.9 | 61.1 | 209.7 | 191.6 |
| E.S. Central | 28.2 | 16.9 | 52.2 | 32.2 |
| Birmingham, Ala. ² | 3.5 | 3.7 | 6.8 | 6.8 |
| Louisville, Ky. ² | 16.4 | 17.0 | 42.3 | 41.8 |
| Memphis, Tenn. ² | 57.8 | 25.7 | 97.1 | 42.2 |
| Nashville, Tenn. ² | 31.8 | 21.3 | 56.8 | 37.4 |
| W.S. Central | 38.7 | 31.0 | 72.1 | 63.1 |
| Austin, Tex. ² | 28.8 | 18.1 | 63.3 | 44.4 |
| Corpus Christi, Tex. ² | 19.0 | 13.0 | 44.8 | 33.6 |
| Dallas, Tex. ² | 45.5 | 33.2 | 81.5 | 72.2 |
| El Paso, Tex. ² | 23.8 | 21.0 | 62.3 | 58.4 |
| Fort Worth, Tex. ² | 20.9 | 19.2 | 40.4 | 38.6 |
| Houston, Tex. ² | 59.7 | 52.9 | 99.5 | 94.6 |
| New Orleans, La. | 67.5 | 39.6 | 125.1 | 81.7 |
| Oklahoma City, Okla. | 12.0 | 10.1 | 34.5 | 26.5 |
| San Antonio, Tex. ² | 15.4 | 14.3 | 36.4 | 32.9 |
| Tulsa, Okla. | 4.2 | 6.4 | 22.0 | 23.7 |
| Mountain | 9.0 | 8.3 | 23.6 | 27.9 |
| Albuquerque, N.M. ² | 9.8 | 12.1 | 21.3 | 33.1 |
| Denver, Colo. | 15.6 | 16.5 | 37.4 | 47.2 |
| Phoenix, Ariz. ² | 8.1 | 5.4 | 23.4 | 22.8 |
| Tucson, Ariz. ² | 3.8 | 4.7 | 11.4 | 17.6 |
| Pacific | 25.3 | 21.7 | 74.5 | 68.0 |
| Honolulu, Hawaii | 20.7 | 7.2 | 36.7 | 12.6 |
| Los Angeles, Calif. ² | 27.7 | 24.1 | 105.4 | 96.2 |
| Oakland, Calif. ² | 17.6 | 11.3 | 36.2 | 28.8 |
| Portland, Oreg. ² | 19.2 | 22.2 | 40.0 | 48.6 |
| Sacramento, Calif. ² | 7.4 | 8.4 | 12.6 | 14.8 |
| San Diego, Calif. ² | 11.4 | 14.3 | 27.0 | 30.5 |
| San Francisco, Calif. | 130.0 | 93.2 | 247.9 | 203.9 |
| San Jose, Calif. ² | 10.7 | 7.1 | 19.2 | 16.7 |
| Seattle, Wash. ² | 11.8 | 14.2 | 23.2 | 23.3 |
| San Juan, P.R.² | 56.4 | 28.8 | 171.5 | 101.3 |

¹ Restricted to cities with population of 200,000 or more in 1970.
² County data or equivalent. Oakland is Alameda County less Berkeley.

SYPHILIS – (Primary and secondary) – Reported cases in civilians per 100,000 population by state,
United States, calendar year 1979



**SYPHILIS — Reported cases in civilians and cases per 100,000 population by age and sex,
United States, 1978 and 1979**

Primary and Secondary

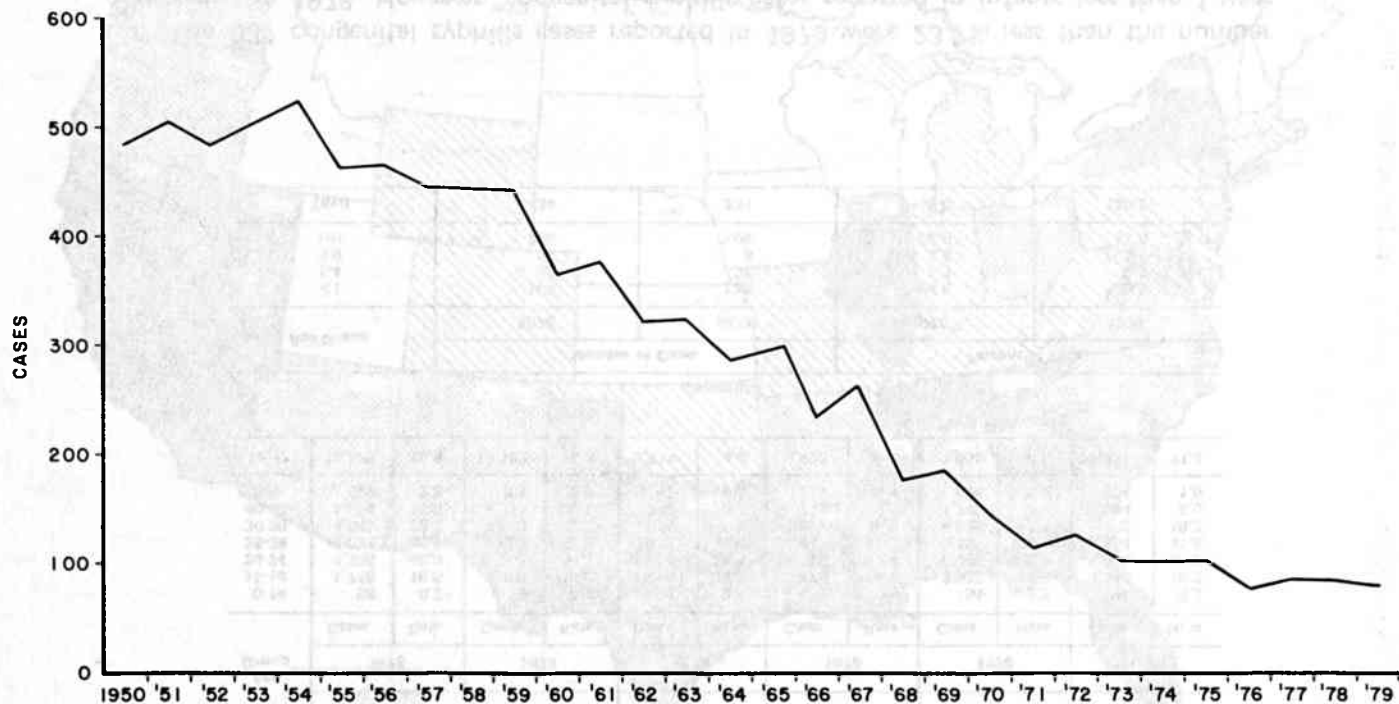
| Age Group | Male | | | | Female | | | | Total | | | |
|--------------|---------------|-------------|---------------|-------------|--------------|------------|--------------|------------|---------------|-------------|---------------|-------------|
| | 1978 | | 1979 | | 1978 | | 1979 | | 1978 | | 1979 | |
| | Cases | Rate | Cases | Rate | Cases | Rate | Cases | Rate | Cases | Rate | Cases | Rate |
| 0-14 | 58 | 0.2 | 39 | 0.2 | 96 | 0.4 | 115 | 0.5 | 154 | 0.3 | 154 | 0.3 |
| 15-19 | 1,716 | 16.5 | 1,866 | 18.0 | 1,316 | 12.7 | 1,478 | 14.4 | 3,032 | 14.6 | 3,344 | 16.2 |
| 20-24 | 4,388 | 46.0 | 5,241 | 54.1 | 1,656 | 16.4 | 1,778 | 17.4 | 6,044 | 30.8 | 7,019 | 35.3 |
| 25-29 | 4,037 | 46.9 | 4,651 | 52.8 | 1,088 | 12.0 | 1,043 | 11.3 | 5,125 | 29.0 | 5,694 | 31.6 |
| 30-39 | 4,043 | 29.2 | 4,863 | 33.7 | 836 | 5.7 | 892 | 5.8 | 4,879 | 17.1 | 5,755 | 19.3 |
| 40-49 | 1,504 | 13.8 | 1,771 | 16.1 | 242 | 2.1 | 273 | 2.3 | 1,746 | 7.7 | 2,044 | 9.0 |
| 50+ | 579 | 2.3 | 751 | 2.9 | 97 | 0.3 | 113 | 0.4 | 676 | 1.2 | 864 | 1.5 |
| Total | 16,325 | 15.6 | 19,182 | 18.2 | 5,331 | 4.8 | 5,692 | 5.0 | 21,656 | 10.0 | 24,874 | 11.4 |

Congenital

| Age Group | Number of Cases | | Percent of Total | |
|--------------|-----------------|------------|------------------|--------------|
| | 1978 | 1979 | 1978 | 1979 |
| <1 | 107 | 130 | 24.6 | 39.3 |
| 1-4 | 23 | 27 | 5.3 | 8.2 |
| 5-9 | 15 | 5 | 3.5 | 1.5 |
| 10+ | 289 | 169 | 66.6 | 51.0 |
| Total | 434 | 331 | 100.0 | 100.0 |

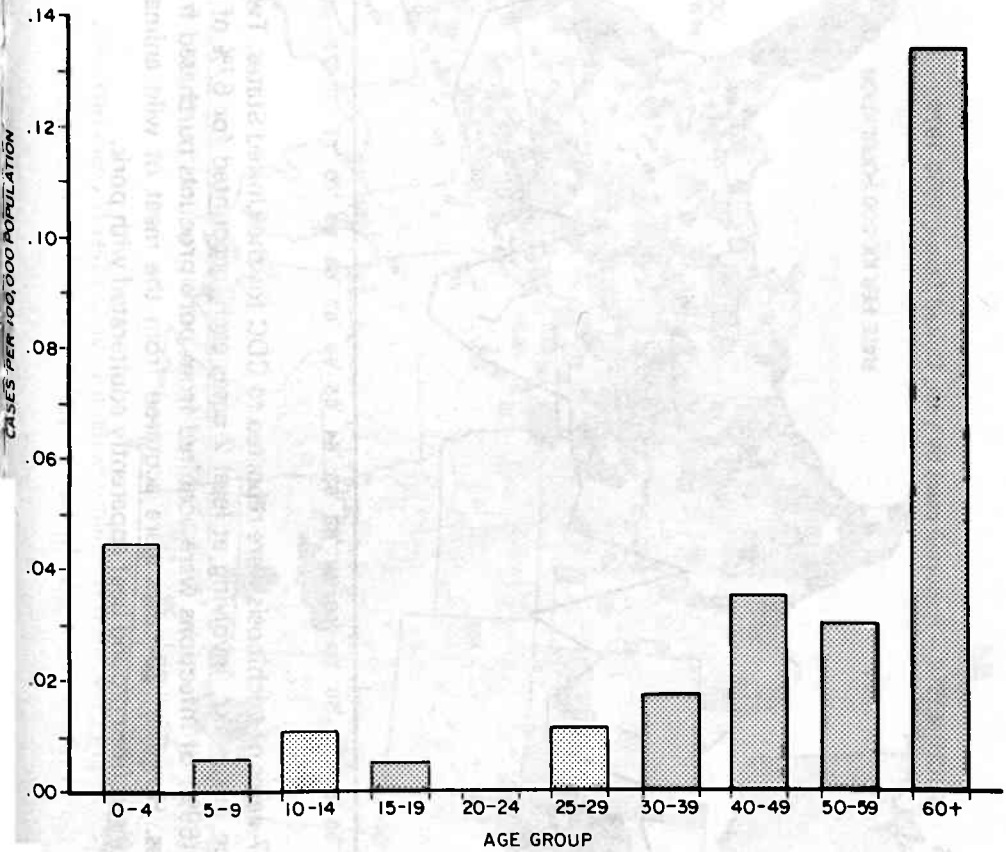
The 331 congenital syphilis cases reported in 1979 were 23.7% less than the number reported in 1978. However, congenital syphilis cases reported in infants less than 1 year old numbered 107 in 1978 and 130 in 1979, an increase of 21.5%, a rise probably caused by intensified surveillance efforts such as prenatal testing and follow-up procedures.

TETANUS — Reported cases by year, United States, 1950-1979

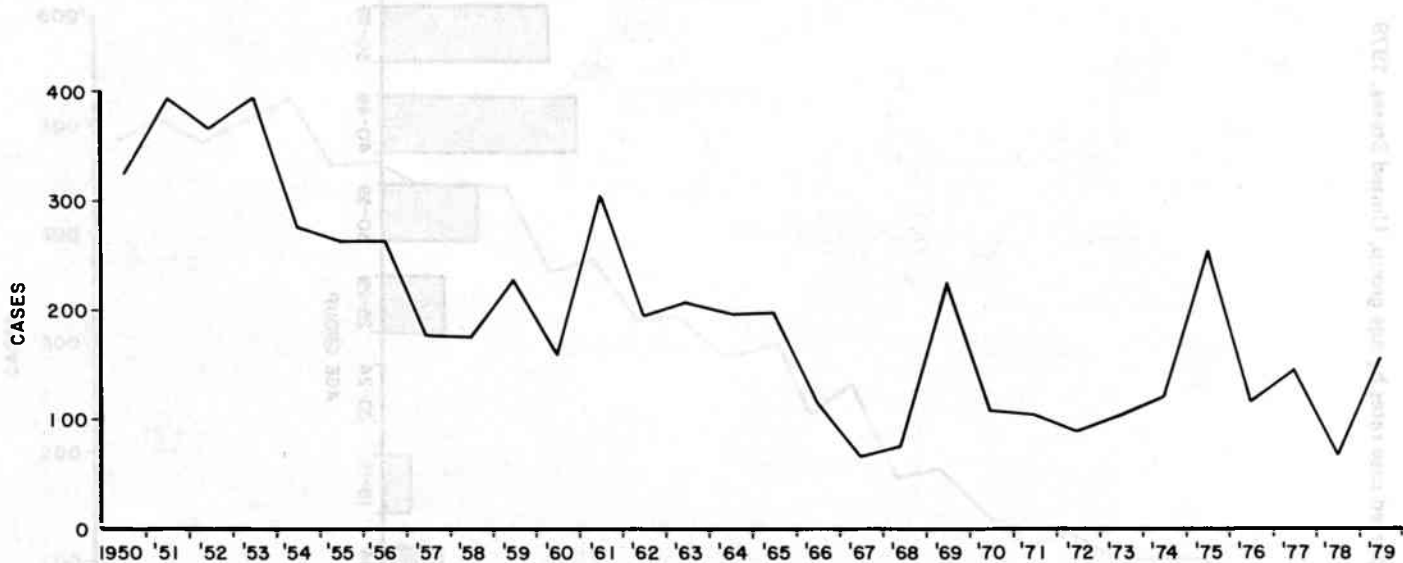


The incidence of tetanus has been relatively constant for the last 5 years probably because immunization rates in high-risk groups (persons over the age of 50 and neonates) have not increased significantly.

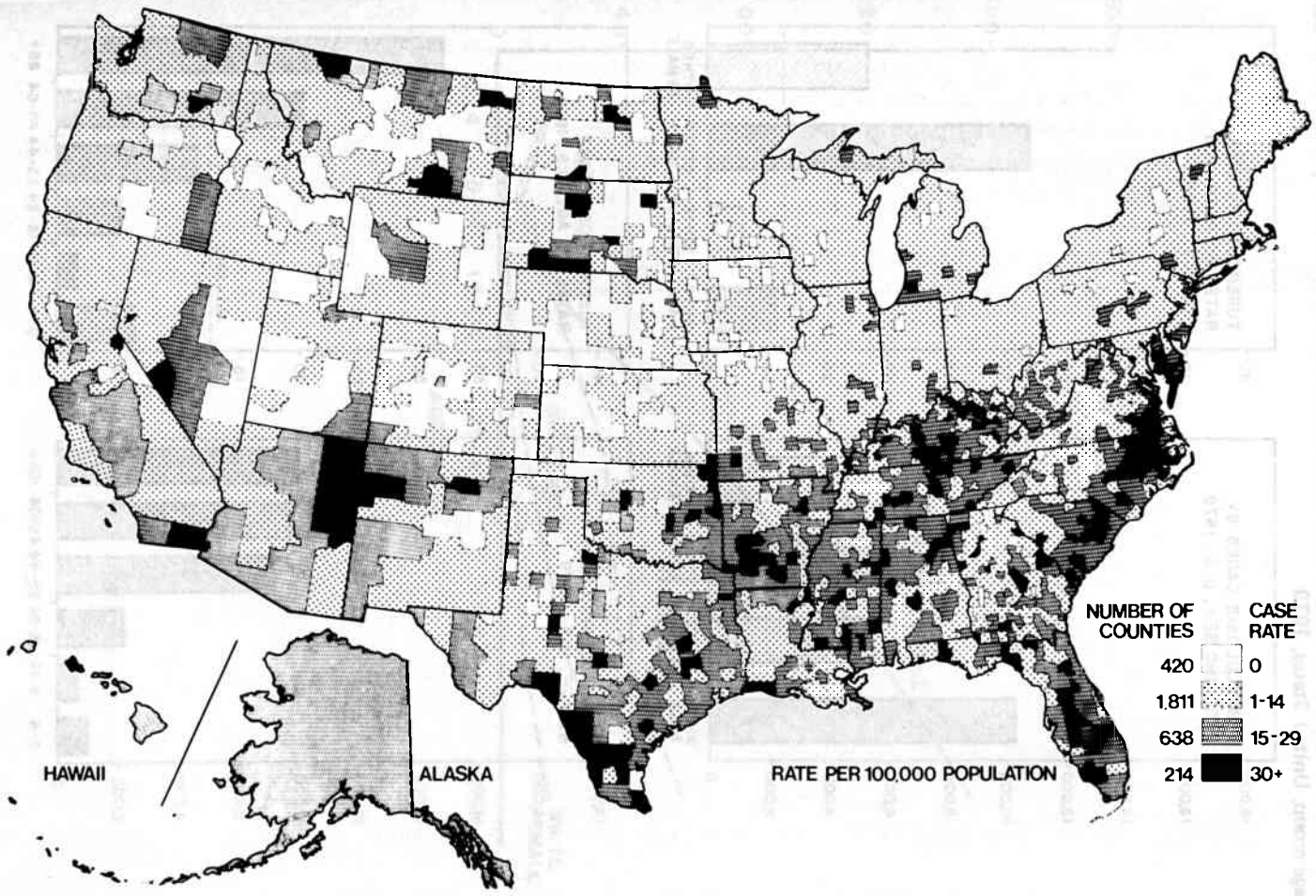
TETANUS — Reported case rates by age group, United States, 1979



TRICHINOSIS — Reported cases by year, United States, 1950-1979



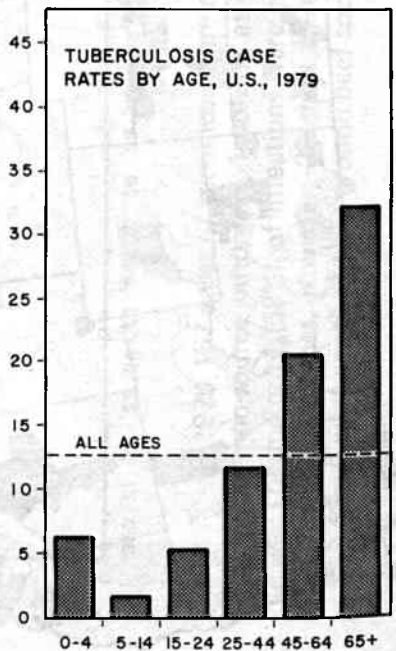
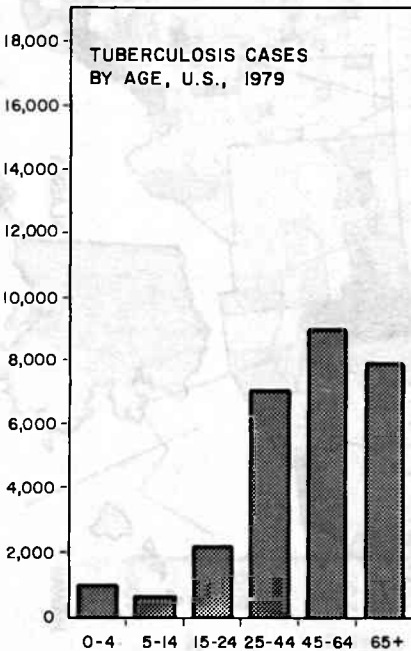
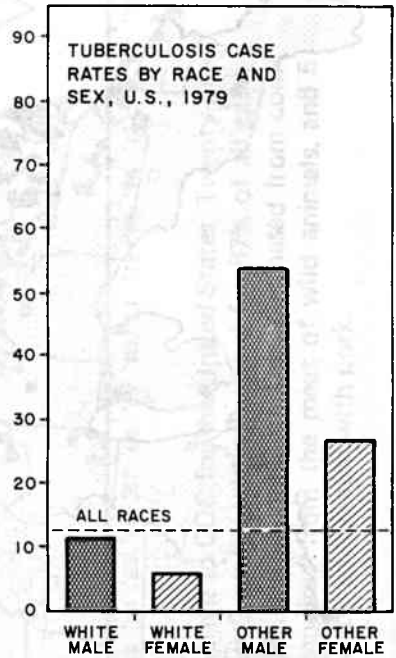
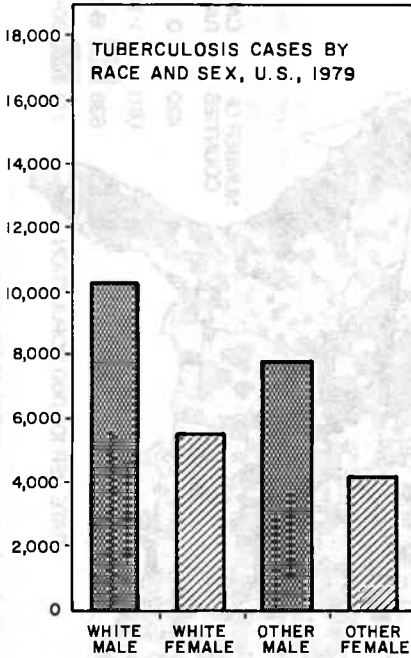
In 1979, 157 cases of trichinosis were reported to CDC for the United States. Twenty-one common-source outbreaks, involving at least 2 cases each, accounted for 67% of all cases. The majority (69%) of infections were acquired from pork products purchased from commercial sources. However, 28 cases were acquired from the meat of wild animals, and 5 cases were acquired from ground beef apparently adulterated with pork.



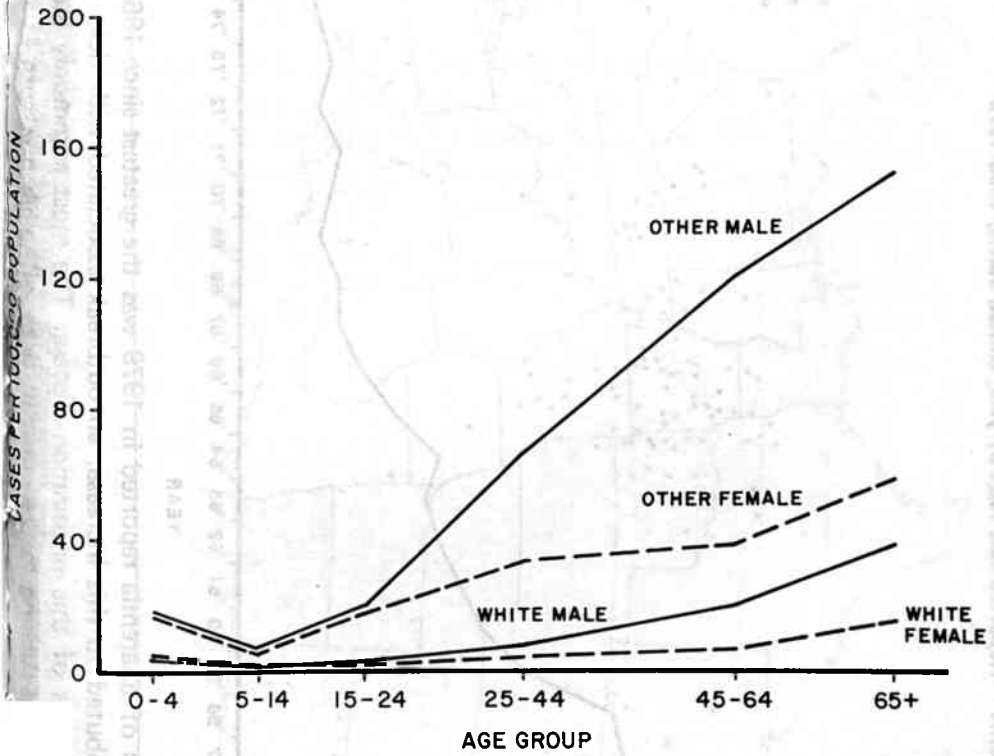
TUBERCULOSIS

TUBERCULOSIS

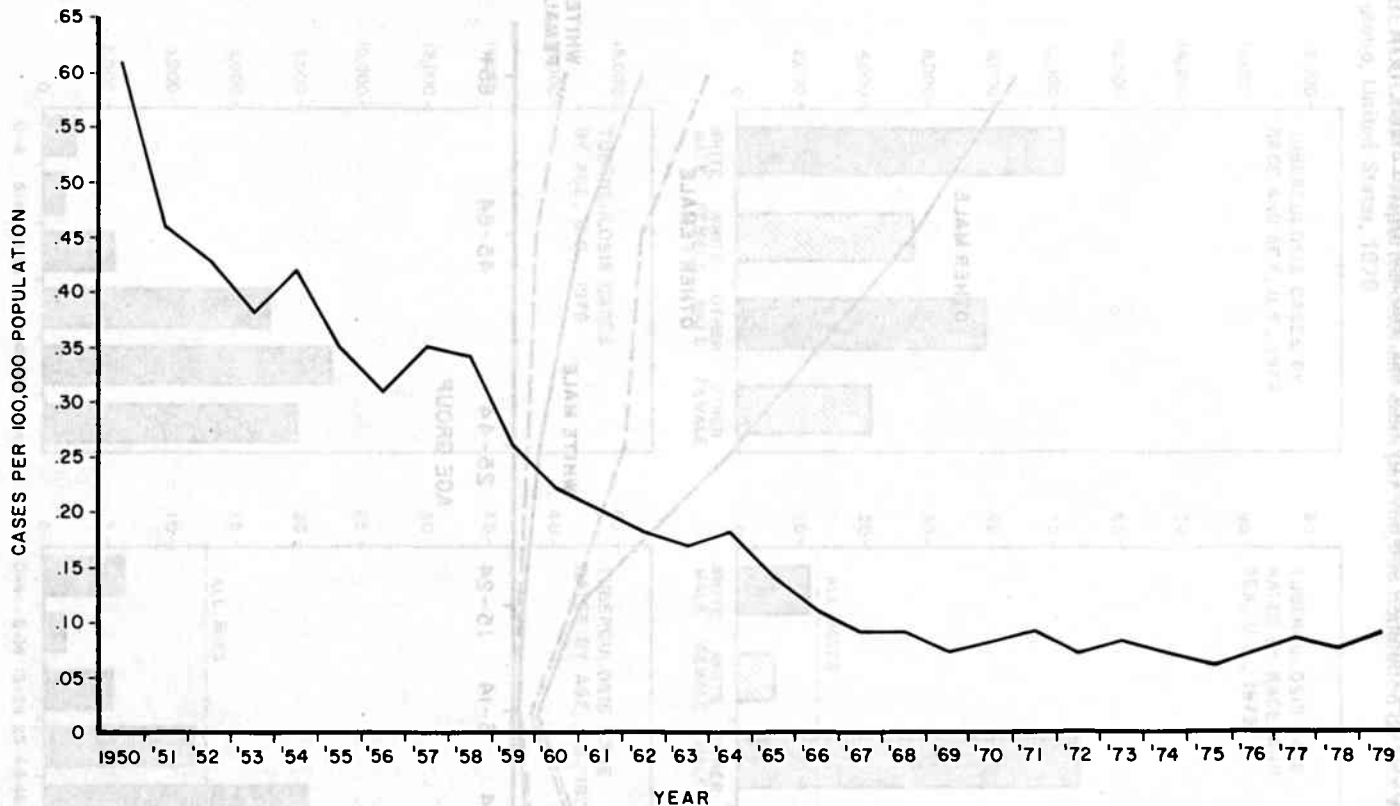
TUBERCULOSIS — Reported cases and cases per 100,000 population by race and sex and by age group, United States, 1979



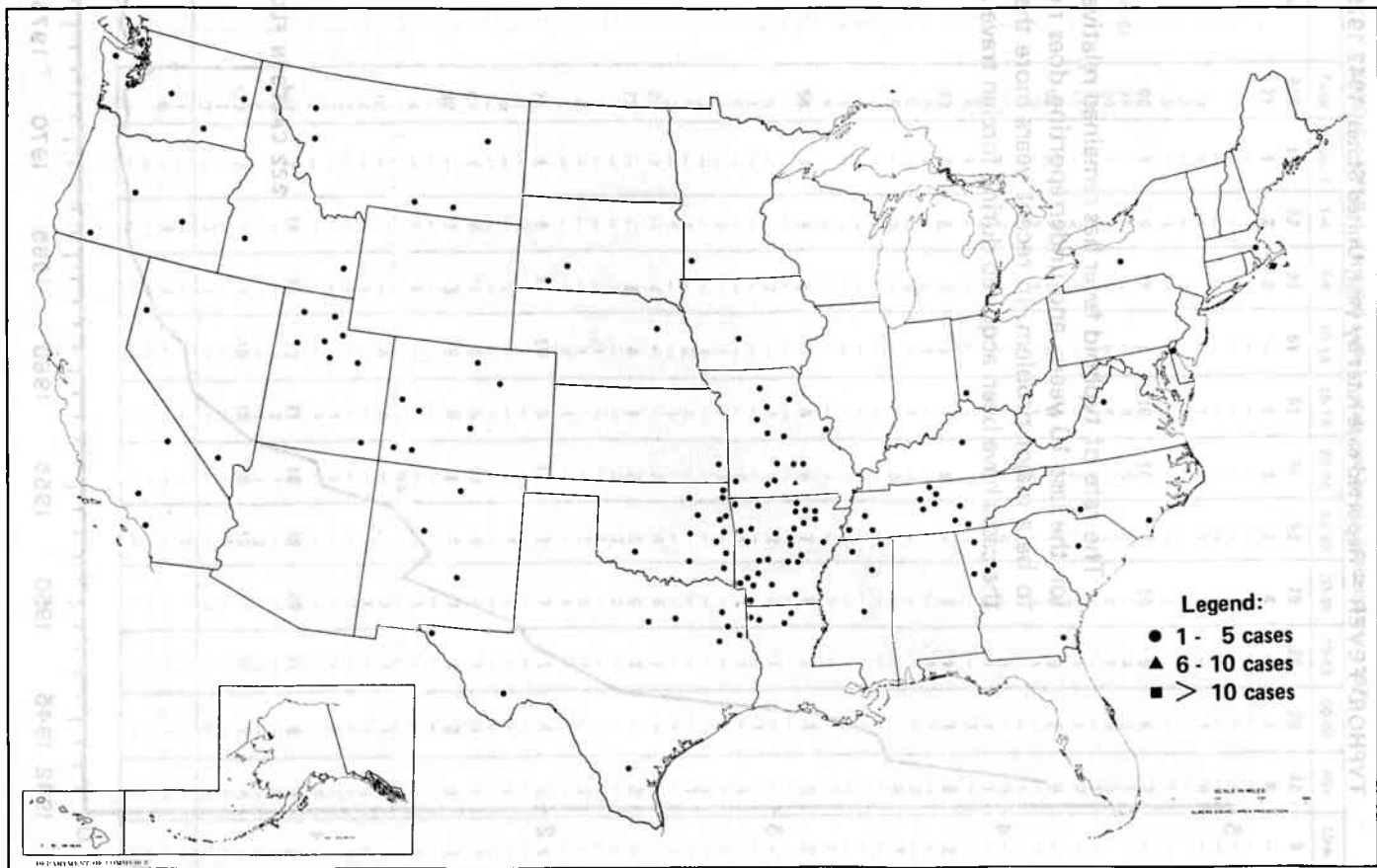
TUBERCULOSIS — Reported case rates by race, sex, and age, United States, 1979



TULAREMIA — Reported case rates by year, United States, 1950-1979

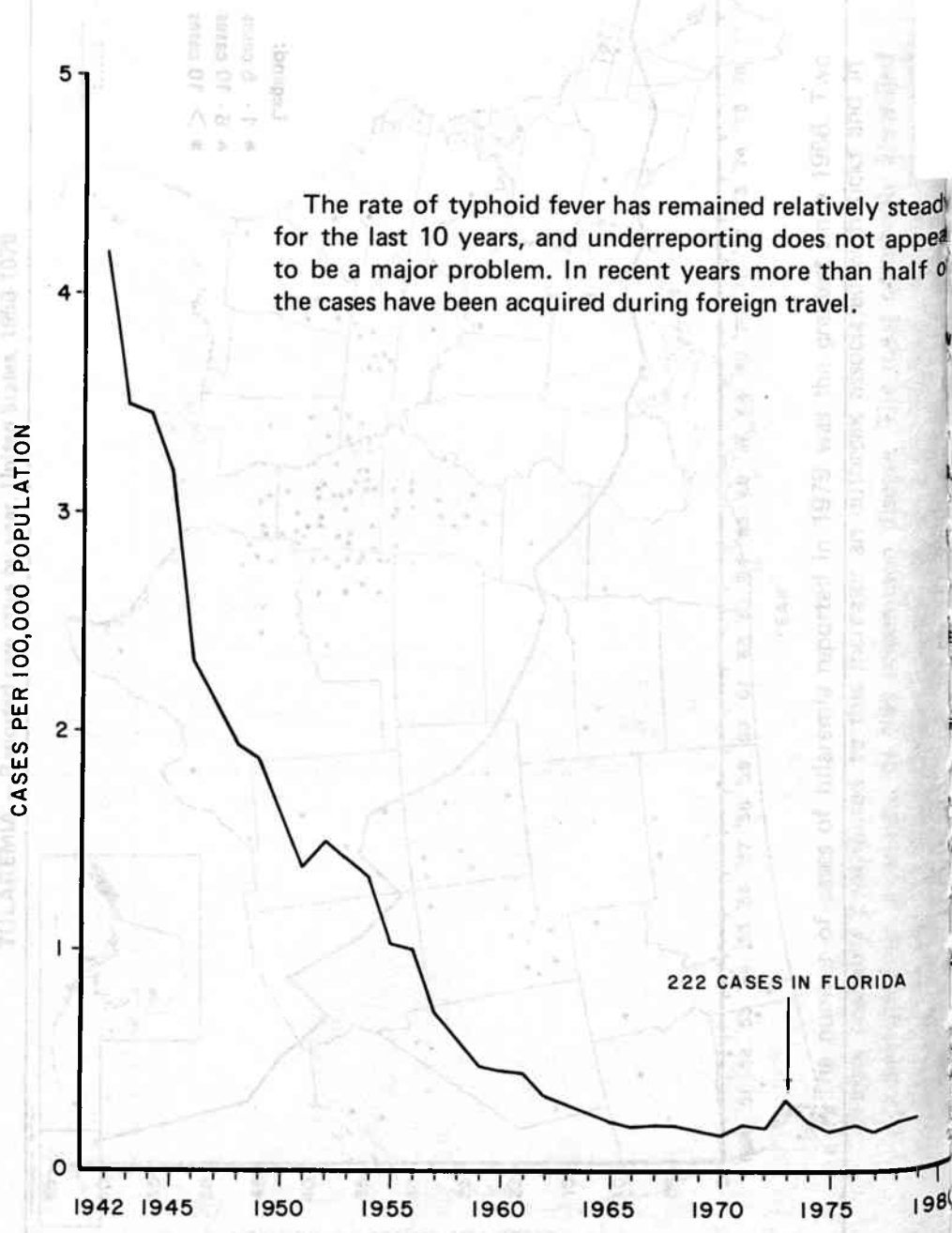


The number of cases of tularemia reported in 1979 was the greatest since 1966. Two factors probably contributed to this increase: an outbreak associated with ticks and increased physician awareness of this uncommon disease. The most commonly identified vectors of disease are blood-sucking insects, usually ticks, although exposure to infected



TYPHOID FEVER

TYPHOID FEVER — Reported case rates by year, United States, 1942-1979



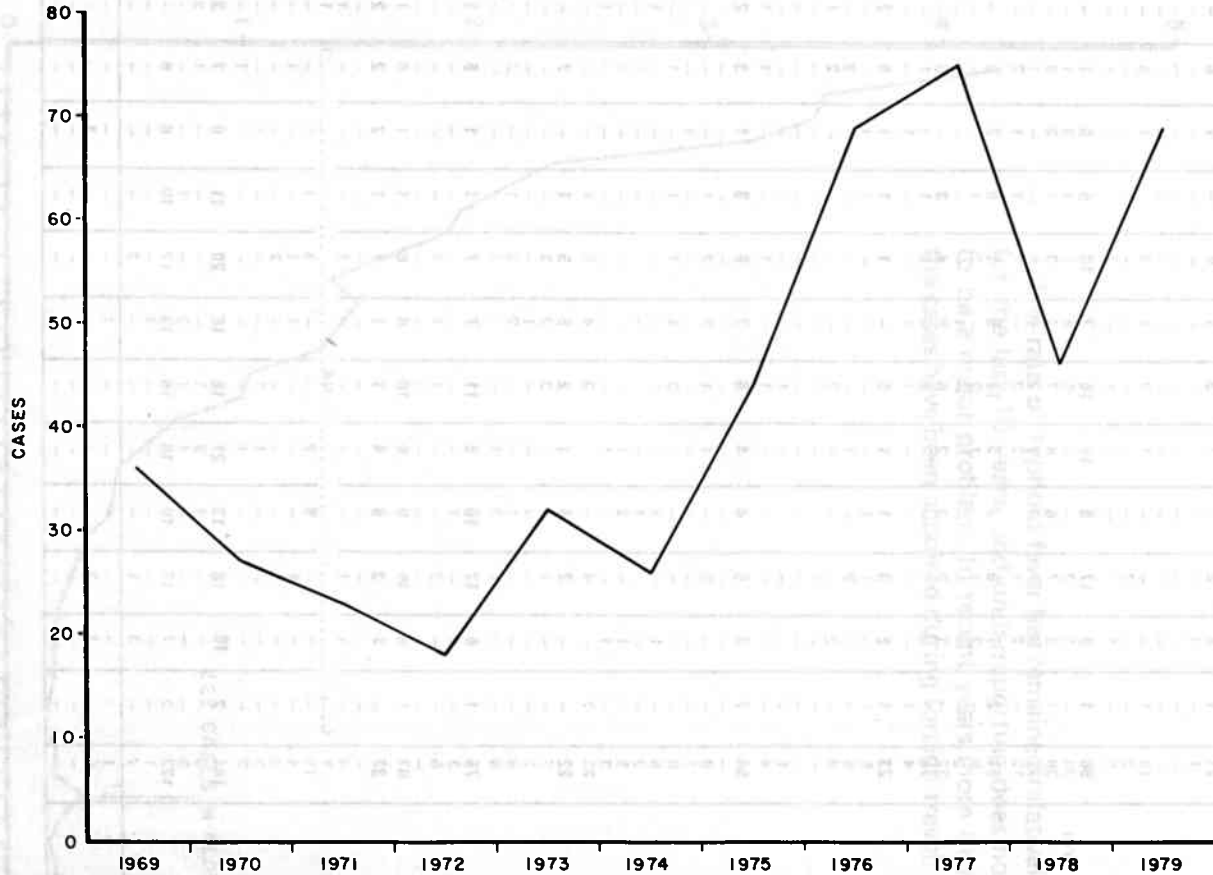
The rate of typhoid fever has remained relatively steady for the last 10 years, and underreporting does not appear to be a major problem. In recent years more than half of the cases have been acquired during foreign travel.

222 CASES IN FLORIDA

TYPHOID FEVER — Reported case rates by year, United States, 1942-1979

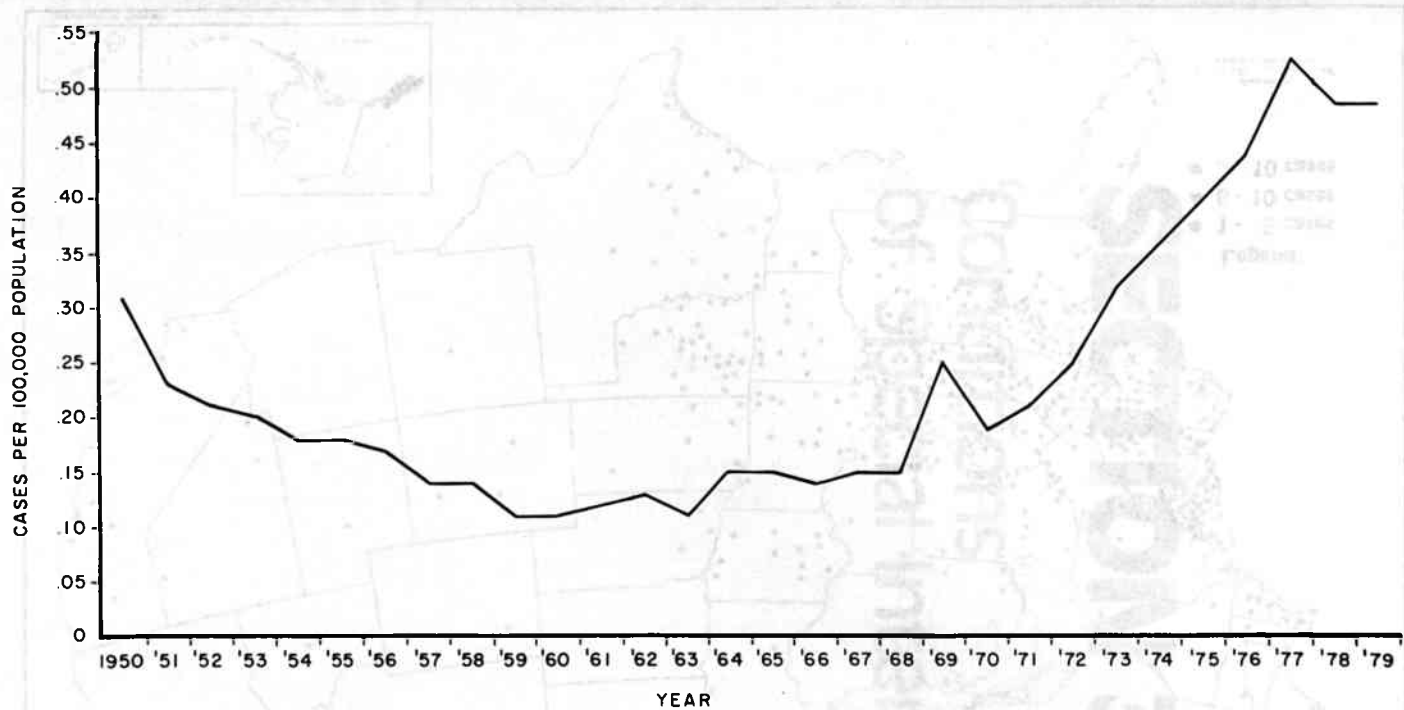
TYPHOID FEVER - Reported cases by state and by age, United States, 1979

| Area | Total | Under 1 | 1-4 | 5-9 | 10-14 | 15-19 | 20-24 | 25-29 | 30-39 | 40-49 | 50-59 | 60+ | Unk. |
|----------------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|
| United States | 528 | 15 | 42 | 73 | 51 | 51 | 74 | 53 | 70 | 28 | 20 | 42 | 9 |
| New England | 21 | 1 | 2 | 2 | - | 1 | 3 | 1 | 4 | - | 1 | 6 | - |
| Maine | 1 | - | 1 | - | - | - | - | - | - | - | - | - | - |
| N.H. | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Vt. | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Mass. | 13 | 1 | - | - | - | 1 | 2 | 1 | 2 | - | 1 | 5 | - |
| R.I. | 2 | - | - | 2 | - | - | - | - | - | - | - | - | - |
| Conn. | 5 | - | 1 | - | - | - | 1 | - | 2 | - | - | 1 | - |
| Mid. Atlantic | 96 | 1 | 9 | 17 | 8 | 10 | 16 | 7 | 10 | 5 | 6 | 7 | - |
| N.Y. (excl. NYC) | 24 | - | 1 | 2 | - | 3 | 5 | 5 | 1 | 3 | 3 | 1 | - |
| N.Y.C. | 39 | 1 | 3 | 7 | 6 | 4 | 7 | 2 | 3 | 1 | 2 | 3 | - |
| N.J. | 21 | - | 3 | 7 | 2 | 1 | 2 | - | 5 | - | - | 1 | - |
| Pa. | 12 | - | 2 | 1 | - | 2 | 2 | - | 1 | 1 | 1 | 2 | - |
| S. Atlantic | 61 | 2 | 7 | 5 | 3 | 3 | 12 | 9 | 8 | 5 | 2 | 5 | - |
| Ohio | 9 | - | 2 | 1 | - | 1 | 2 | - | 2 | 1 | - | - | - |
| Ind. | 2 | - | - | - | - | - | - | 1 | - | - | - | 1 | - |
| Ill. | 32 | - | 3 | 3 | 3 | 2 | 6 | 5 | 4 | 3 | - | 3 | - |
| Mich. | 14 | 1 | 2 | 1 | - | - | 3 | 2 | 2 | 1 | 1 | 1 | - |
| Wis. | 4 | 1 | - | - | - | - | 1 | 1 | - | - | 1 | - | - |
| N. Central | 23 | 1 | 2 | 3 | 1 | 1 | 5 | - | 1 | 1 | 1 | 5 | 2 |
| Minn. | 5 | 1 | - | 1 | 1 | - | - | - | - | 1 | 1 | - | - |
| Iowa | 5 | - | - | 2 | - | 1 | - | - | - | - | - | 2 | - |
| Mo. | 8 | - | 2 | - | - | - | 3 | - | - | - | - | 2 | 1 |
| N. Dak. | - | - | - | - | - | - | - | - | - | - | - | - | - |
| S. Dak. | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Nebr. | 1 | - | - | - | - | - | 1 | - | - | - | - | - | - |
| Kans. | 4 | - | - | - | - | - | 1 | - | 1 | - | - | 1 | 1 |
| S. Atlantic | 54 | 7 | 3 | 6 | 4 | 4 | 6 | 7 | 8 | 3 | 1 | 3 | 2 |
| Del. | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Md. | 9 | - | - | 2 | - | 1 | 1 | 2 | 2 | 1 | - | - | - |
| D.C. | 1 | - | - | - | - | - | - | - | - | - | 1 | - | - |
| Va. | 6 | - | - | - | - | - | 2 | 1 | 1 | 1 | - | 1 | - |
| W. Va. | 5 | - | 1 | - | 1 | 1 | 1 | - | - | - | - | - | 1 |
| N.C. | 2 | - | - | - | 1 | - | - | - | - | - | - | 1 | - |
| S.C. | 5 | - | 1 | - | 2 | 1 | - | - | - | - | - | 1 | - |
| Ga. | 3 | - | 1 | - | - | 1 | - | - | - | - | - | - | 1 |
| Fla. | 23 | 7 | - | 4 | - | - | 2 | 4 | 5 | 1 | - | - | - |
| S. Central | 22 | - | - | 2 | 4 | 1 | 2 | 5 | 5 | 1 | - | 2 | - |
| Ky. | 7 | - | - | 1 | - | - | 2 | 2 | 2 | - | - | - | - |
| Tenn. | 2 | - | - | - | 1 | - | - | 1 | - | - | - | - | - |
| Ala. | 8 | - | - | - | 1 | - | - | 2 | 2 | 1 | - | 2 | - |
| Miss. | 5 | - | - | 1 | 2 | 1 | - | 1 | - | - | - | - | - |
| N. Central | 75 | 1 | 8 | 17 | 10 | 6 | 11 | 7 | 7 | 1 | 1 | 5 | 1 |
| Ark. | 3 | - | 2 | - | 1 | - | - | - | - | - | - | - | - |
| La. | 5 | - | - | 2 | - | - | 1 | 1 | 1 | - | - | - | - |
| Okla. | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Texas | 67 | 1 | 6 | 15 | 9 | 6 | 10 | 6 | 6 | 1 | 1 | 5 | 1 |
| Mountain | 32 | - | 1 | 3 | 8 | 4 | 1 | 1 | 7 | 1 | 2 | 2 | 2 |
| Mont. | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Idaho | 4 | - | 1 | 1 | - | - | - | - | 1 | - | - | - | 1 |
| Wyo. | 1 | - | - | - | - | - | NA | - | - | - | - | - | - |
| Colo. | 15 | - | - | - | 8 | 2 | - | - | 3 | 1 | 1 | - | - |
| N. Mex. | 4 | - | - | 1 | - | - | - | 1 | 1 | - | - | 1 | - |
| Ariz. | 3 | - | - | 1 | - | - | - | - | 2 | - | - | - | - |
| Utah | 3 | - | - | - | - | 1 | 1 | - | - | - | 1 | - | - |
| Nev. | 2 | - | - | - | - | 1 | - | - | - | - | - | 1 | - |
| Pacific | 144 | 2 | 10 | 18 | 13 | 21 | 18 | 16 | 20 | 11 | 6 | 7 | 2 |
| Wash. | 9 | - | - | - | 3 | 2 | 1 | 1 | - | - | - | 1 | 2 |
| Oreg. | 5 | - | - | - | - | 1 | 1 | 2 | - | 1 | - | - | - |
| Calif. | 122 | 2 | 7 | 17 | 10 | 18 | 16 | 13 | 17 | 10 | 6 | 6 | - |
| Alaska | 1 | - | - | - | - | - | - | 1 | - | - | - | - | - |
| Hawaii | 7 | - | 3 | 1 | - | - | - | - | 3 | - | - | - | - |
| Guam | - | - | - | - | - | - | - | 1 | - | - | - | - | - |
| P.R. | 1 | - | 1 | 3 | - | - | - | - | - | - | 1 | - | - |
| V.I. | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Pac. Trust Terr. | - | - | - | - | - | - | - | - | - | - | - | - | - |

TYPHUS FEVER, FLEA-BORNE (Endemic, murine) — Reported cases by year, United States, 1969-1979


As in past years, most cases (59 of 69) were reported from Texas, although Maryland,

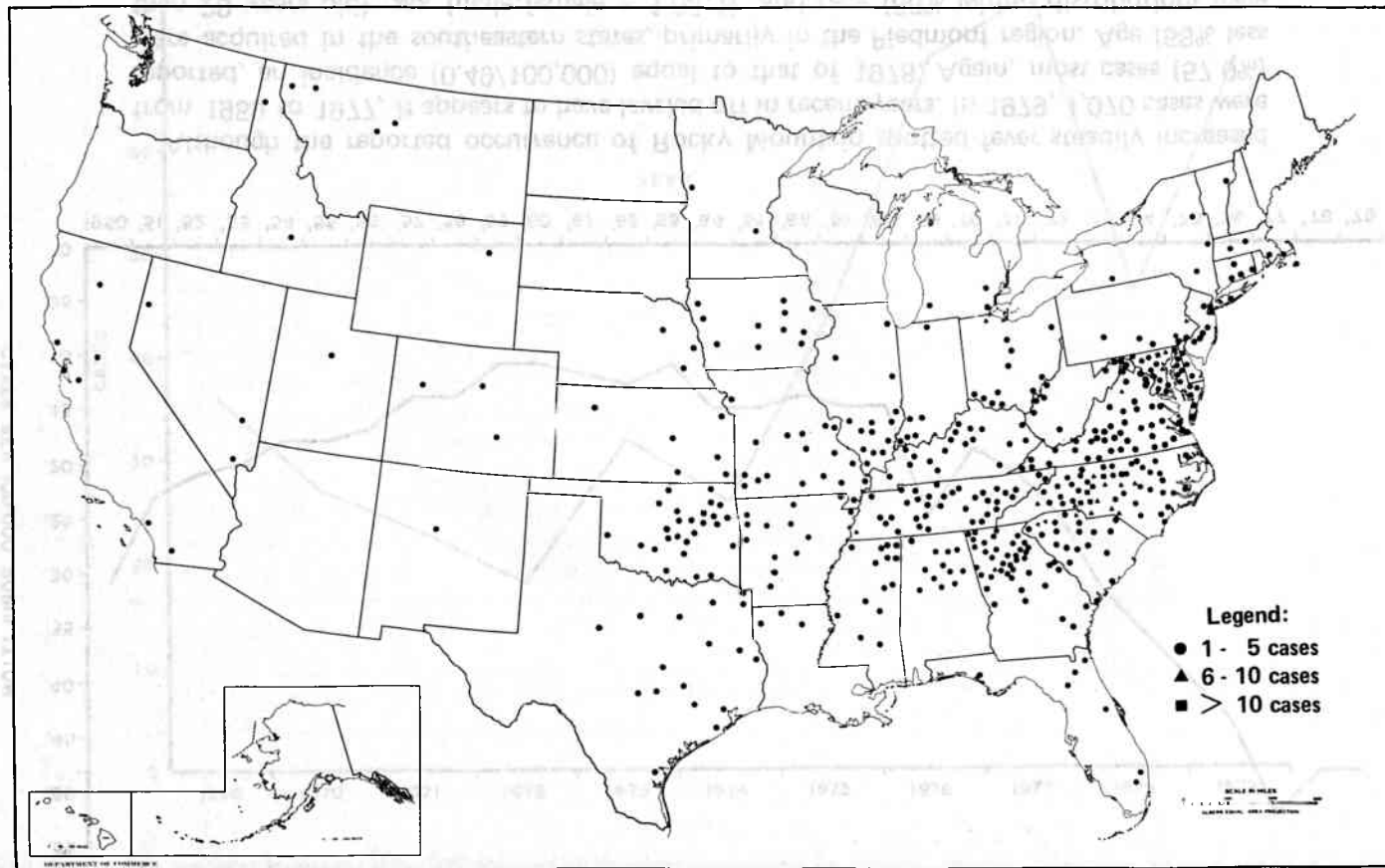
TYPHUS FEVER, TICK-BORNE (Rocky Mountain spotted fever) — reported case rate, by year, 1960-1975



Although the reported occurrence of Rocky Mountain spotted fever steadily increased from 1959 to 1977, it appears to have leveled off in recent years. In 1979, 1,070 cases were reported, an incidence (0.49/100,000) equal to that of 1978. Again, most cases (57.0%) were acquired in the southeastern states, primarily in the Piedmont region. Age (58% less than 20 years old), sex (male:female = 1.63:1), and race (86% white) distributions have remained stable. Ninety percent of patients had onset of illness from early April to early September. Mortality rates for blacks (7.0%) and persons 40 and older (5.1%) have fallen, but still remain above the overall mortality rate of 3.2%.

TYPHUS FEVER

TYPHUS FEVER, TICK-BORNE (Rocky Mountain spotted fever) — Reported cases by county, United States, 1979



NON-NOTIFIABLE CONDITIONS

NON-NOTIFIABLE CONDITIONS — Cases of acute conditions *optionally* reported by certain states, 1979

| Area | Giardiasis | Histoplasmosis | Infectious mononucleosis | Meningitis (Bacterial & unspecified) | Reye syndrome ¹ | Streptococcal sore throat & scarlet fever | Toxoplasmosis |
|-------------------------------|--------------|----------------|--------------------------|--------------------------------------|----------------------------|---|---------------|
| Total Cases Reported | 5,819 | 551 | 18,019 | 4,586 | 394 | 465,430 | 390 |
| Total States Reporting | (42) | (43) | (39) | (45) | (52) | (41) | (43) |
| New England | 110 | 2 | 4,496 | 185 | 10 | 71,714 | 11 |
| Maine | 37 | NN | NN | 27 | — | 4,935 | 7 |
| N.H. | — | 1 | NN | 33 | 3 | NN | 4 |
| Vt. | 73 | — | 65 | 6 | 1 | NN | — |
| Mass. | NN | NN | NN | NN | — | 12,910 | NN |
| Conn. | — | — | 60 | 59 | 3 | 8,742 | — |
| Rhod. | — | 1 | 4,371 | 60 | 3 | 45,127 | — |
| Mid. Atlantic | 593 | 3 | 7,164 | 793 | 39 | 6,847 | 18 |
| D.C. | NN | — | 6,289 | 278 | 29 ² | NN | NN |
| N.Y.C. | — | — | — | 322 | — | 829 | — |
| Md. | NA | NA | NA | NA | — | NA | NA |
| Pa. | 593 | 3 | 875 | 193 | 10 | 6,018 | 18 |
| S. Central | 394 | 34 | 1,677 | 918 | 147 | 90,894 | 19 |
| Ark. | 37 | 7 | 977 | 56 | 66 | 6,157 | 19 |
| La. | 87 | NN | NN | 173 | 14 | 21,758 | — |
| Miss. | 247 | 24 | — | 463 | 12 | 18,367 | — |
| Tenn. | — | — | — | 169 | 40 | 30,182 | — |
| Tex. | 23 | 3 | 700 | 57 | 15 | 14,430 | — |
| S. Atlantic | 723 | 410 | 692 | 482 | 45 | 61,171 | 264 |
| Ga. | 390 | 39 | NN | 104 | 7 | NN | 41 |
| Fla. | 53 | 2 | 490 | 119 | 7 | 83 | — |
| S.C. | 72 | 363 | 144 | 103 | 6 | 25,358 | 212 |
| N.C. | 20 | 5 | NN | NN | 1 | 6,049 | NN |
| Va. | — | 1 | 58 | 37 | 4 | 4,631 | 11 |
| W.Va. | — | — | — | 68 | 16 | 14,034 | — |
| D.C. | 188 | — | — | 51 | 4 | 11,016 | — |
| W. Central | 228 | 13 | 1,212 | 1,175 | 49 | 37,142 | 50 |
| Mont. | 2 | — | — | 15 | — | 1,645 | — |
| Id. | — | 1 | 1 | 149 | — | 11,434 | — |
| Wyo. | 11 | — | — | — | — | 1,303 | — |
| Utah | 210 | 7 | 570 | 221 | 7 | 267 | 1 |
| N.M. | 3 | — | 640 | 78 | — | 17,439 | — |
| N.C. | NN | NN | NN | 191 | 6 | NN | NN |
| Ore. | 2 | 1 | 1 | 97 | 7 | 2,299 | — |
| Id. | — | — | — | — | 26 | 2,755 | 43 |
| Wash. | NA | 4 | NA | 424 | 3 | NA | 6 |
| S. Central | 440 | 65 | 334 | 250 | 15 | 16,689 | 10 |
| Ky. | 28 | 15 | 186 | 93 | 10 | 3,699 | — |
| Tenn. | NN | NN | NN | NN | — | NN | NN |
| Mo. | — | 50 | — | 109 | 5 | 3,535 | — |
| Miss. | 412 | — | 148 | 48 | — | 9,455 | 10 |
| S. Atlantic | 101 | 19 | 85 | 47 | 21 | 41,113 | 3 |
| Ark. | 98 | 16 | 72 | 47 | — | 3,587 | 2 |
| La. | NN | 3 | 13 | NN | 2 | NN | — |
| Tenn. | 3 | — | — | — | 8 | — | 1 |
| Texas | NN | NN | NN | NN | 11 | 37,526 | NN |
| Mountain | 1,032 | — | 189 | 295 | 54 | 103,664 | 5 |
| Mont. | 61 | — | 32 | 12 | 4 | 4,536 | — |
| Wyo. | 88 | — | NN | 22 | 2 | NN | 3 |
| Id. | 6 | — | 2 | 9 | 1 | 24,940 | — |
| Wash. | 479 | — | — | 84 | 18 | 62,464 | 1 |
| N.M. | 23 | — | — | 83 | 8 | — | — |
| Ariz. | — | — | 9 | 16 | 13 | 48 | 1 |
| Utah | 375 | — | 146 | 69 | 8 | 11,676 | — |
| Nev. | NN | NN | NN | NN | — | NN | NN |
| Pacific | 1,998 | 5 | 2,170 | 441 | 14 | 36,196 | 10 |
| Wash. | 720 | — | — | 173 | 3 | — | — |
| Oreg. | 260 | NN | 2,077 | 72 | — | 6,738 | NN |
| Calif. | 955 | 5 | 49 | 141 | 11 | 25,110 | 9 |
| Alaska | 63 | — | — | 38 | — | — | — |
| Hawaii | NN | — | 44 | 17 | — | 4,348 | 1 |
| Other | 2 | — | 9 | 20 | — | 797 | — |
| A.C. | — | 1 | 10 | 51 | — | 31 | — |
| P.R. | 182 | — | — | 3 | — | 12 | — |
| Mar. Trust Terr. | — | — | — | 15 | — | 191 | — |

Source: Viral Diseases Division, Bureau of Epidemiology.
 Includes New York City.

NON-NOTIFIABLE CONDITIONS — Cases of acute conditions *optionally* reported by certain states, 1979 — Continued

| | |
|-----------------------------|---|
| Fungal Diseases | |
| Actinomycosis | Mass. 2; Mo. 13 |
| Blastomycosis | Ark. 15; Ill. 1; Iowa 2; Ky. 3; La. 1; Minn. 6; Miss. 1; Mo. 26; N.C. 3; S.C. 2; S. Dak. 2; Va. 2 |
| Coccidioidomycosis | Ariz. 80; Calif. 620; Ill. 1; Minn. 6; Mo. 2; Pa. 1; S.C. 1; S. Dak. 1; Utah 1; Va. 2; Wis. 1 |
| Cryptococcosis | Ark. 4; Calif. 1; Fla. 2; Ill. 3; Ky. 7; Md. 4; Me. 1; Minn. 15; Miss. 2; Mo. 28; Ohio 3; Pa. 4; S.C. 9; S. Dak. 3; Va. 2 |
| Nocardiosis | Minn. 1; Mo. 68; Va. 5 |
| Rickettsial Diseases | |
| Q fever | Ariz. 5; Calif. 34; Ga. 2; Idaho 1, La. 1; Me. 1; Mont. 6; Oreg. 3; Pa. 2; Tex. 2; Wyo. 1 |
| Viral Diseases | |
| Colorado tick fever | Calif. 5; Colo. 148; Idaho 4; Mo. 1; Mont. 4; Oreg. 2; S. Dak. 8; Utah 21; Wyo. 23 |
| Trachoma | Calif. 11; Utah 2 |

Conditions included in this table are not officially notifiable to the Center for Disease Control but are reported *optionally* by some states. These data should be used with great caution and should in no way be considered a representative national sample. We have not included a summary of every optionally reported condition because of the limitations of space and infrequency of reports. Unpublished data will be made available to individuals on specific request.

NON-NOTIFIABLE CONDITIONS — Deaths from selected acute conditions, United States, 1969—1978
(Numbers after cause of death are category numbers of the Eighth Revision of the International Classification of Diseases, Adapted 1965)

| Cause of Death | ICDA | 1978 | 1977 | 1976 | 1975 | 1974 | 1973 | 1972* | 1971 | 1970 | 1969 |
|---|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Abortion | | | | | | | | | | | |
| Septic | 640.0,641.0,642.0,643.0,644.0,645.0, 640.2,641.2,642.2,643.2,644.2,645.2 | 10 | 4 | 10 | 15 | 14 | 24 | 46 | 64 | 94 | 94 |
| Non-septic | 640.1,640.9,641.1,641.9, 642.1,642.3,642.9, 643.1,643.9,644.1,644.9, 645.1,645.9 | 6 | 16 | 6 | 12 | 13 | 12 | 24 | 35 | 42 | 38 |
| Alcoholism | 291,303 | 5,662 | 5,418 | 5,193 | 5,253 | 5,379 | 5,167 | 4,908 | 4,999 | 4,923 | 4,618 |
| Cirrhosis of liver, alcoholic | 571.0 | 12,828 | 13,029 | 13,289 | 12,932 | 13,151 | 12,624 | 12,576 | 11,892 | 11,207 | 10,520 |
| Diabetes mellitus | 250 | 33,841 | 32,989 | 34,508 | 35,230 | 37,329 | 38,208 | 38,674 | 38,256 | 38,324 | 38,541 |
| Fungal infections | | | | | | | | | | | |
| Actinomycosis | 113 | 15 | 12 | 11 | 9 | 9 | 8 | 10 | 12 | 18 | 15 |
| Aspergillosis | 117.3 | 98 | 112 | 66 | 63 | 50 | 55 | 42 | 32 | 38 | 36 |
| Blastomycosis | 116.1-116.2 | 2 | 2 | 2 | 2 | 1 | — | — | 3 | 3 | 2 |
| Coccidioidomycosis | 114 | 78 | 58 | 66 | 60 | 61 | 37 | 30 | 37 | 42 | 60 |
| Cryptococcosis | 116.0 | 146 | 134 | 123 | 131 | 122 | 125 | 136 | 119 | 112 | 117 |
| Histoplasmosis | 115 | 56 | 55 | 49 | 59 | 58 | 53 | 62 | 55 | 56 | 61 |
| Moniliasis | 112 | 240 | 237 | 244 | 215 | 190 | 173 | 138 | 159 | 153 | 114 |
| Giardiasis | 007.1 | — | — | 1 | — | 1 | — | — | 1 | — | — |
| Herpes zoster | 053 | 133 | 136 | 113 | 132 | 112 | 95 | 86 | 75 | 79 | 82 |
| Hydatid disease | 122 | 3 | 2 | 4 | 3 | 5 | 4 | 4 | 7 | 3 | 9 |
| Meningitis, excluding meningococcal and tuberculous | 320 | 1,560 | 1,526 | 1,589 | 1,630 | 1,539 | 1,523 | 1,482 | 1,553 | 1,701 | 1,719 |
| Mononucleosis, infectious | 075 | 17 | 13 | 18 | 11 | 24 | 25 | 18 | 22 | 19 | 21 |
| Renal disease | 400.3,403,580-584,590-595 | 23,663 | 23,744 | 24,096 | 23,634 | 24,769 | 25,875 | 26,934 | 27,023 | 28,103 | 29,111 |
| Respiratory infections | | | | | | | | | | | |
| Bronchitis, acute | 466 | 756 | 697 | 854 | 737 | 750 | 905 | 1,146 | 1,154 | 1,310 | 1,286 |
| Influenza | 470-474 | 4,052 | 1,304 | 7,877 | 4,277 | 2,201 | 5,131 | 4,986 | 1,504 | 3,707 | 5,971 |
| Pneumonia (primary cause of death) | 480-486 | 54,267 | 49,889 | 53,989 | 51,387 | 52,576 | 57,428 | 57,594 | 55,690 | 59,032 | 62,394 |
| Upper respiratory infections, acute | 460-465 | 321 | 368 | 384 | 342 | 377 | 453 | 504 | 522 | 574 | 621 |
| Rheumatoid arthritis | 712,718 | 1,308 | 1,396 | 1,343 | 1,311 | 1,356 | 1,402 | 1,292 | 1,304 | 1,291 | 1,302 |
| Sepsis of childbirth | 635,670 | 13 | 13 | 16 | 11 | 17 | 9 | 38 | 30 | 18 | 27 |
| Streptococcal sore throat and scarlet fever | 034 | 5 | 14 | 14 | 15 | 22 | 20 | 16 | 23 | 29 | 41 |
| Toxoplasmosis | 130 | 13 | 19 | 13 | 11 | 13 | 13 | 14 | 21 | 21 | 14 |

*Based on 50% sample of death records.
Source: National Center for Health Statistics, *Vital Statistics of the United States*, Vol. II, for respective year.

NON-NOTIFIABLE CONDITIONS

Death rates for the 5 leading causes of death: United States, 1968, 1977, and 1978

| Rank | Cause of death | 1978 | Percent of total deaths | 1977 | Percent of total deaths | 1968 | Percent of total deaths |
|------|---|-------|-------------------------|-------|-------------------------|-------|-------------------------|
| 1 | Diseases of heart | 334.3 | 37.8 | 332.3 | 37.8 | 372.6 | 38.6 |
| 2 | Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues | 181.9 | 20.6 | 178.7 | 20.4 | 159.4 | 16.5 |
| 3 | Cerebrovascular diseases | 80.5 | 9.1 | 84.1 | 9.6 | 105.8 | 11.0 |
| 4 | Accidents | 48.4 | 5.5 | 47.7 | 5.4 | 57.5 | 6.0 |
| 5 | Influenza and pneumonia | 26.7 | 3.0 | 23.7 | 2.7 | 36.8 | 3.8 |

Source: National Center for Health Statistics, *Vital Statistics of the United States*, Vol. II, for respective years.

ABORTION—Reported number of legal abortions by state of occurrence, abortion ratios, and abortion rates, 1978

| State | Abortions ¹ | Ratios ² | Rate ³ |
|--------------|------------------------|---------------------|-------------------|
| Ala. | 13,260 ⁴ | 220 | 15 |
| Alaska | 669 | 75 | 6 |
| Ariz. | 6,833 | 158 | 13 |
| Ark. | 5,014 | 144 | 11 |
| Calif. | 171,982 | 483 | 33 |
| Colo. | 15,397 | 349 | 23 |
| Conn. | 13,784 | 370 | 19 |
| Del. | 3,410 | 393 | 24 |
| D.C. | 29,786 | * | 171 |
| Fla. | 43,884 | 387 | 25 |
| Ga. | 34,657 | 412 | 29 |
| Hawaii | 6,014 | 359 | 29 |
| Idaho | 2,107 | 109 | 11 |
| Ill. | 69,829 ⁵ | 400 | 27 |
| Ind. | 12,003 | 144 | 10 |
| Iowa | 5,512 ⁴ | 124 | 9 |
| Kans. | 9,229 ⁵ | 251 | 18 |
| Ky. | 10,930 | 191 | 14 |
| La. | 11,236 | 150 | 12 |
| Maine | 4,766 | 301 | 20 |
| Md. | 24,681 | 446 | 24 |
| Mass. | 40,200 | 586 | 30 |
| Mich. | 43,602 ⁴ | 313 | 20 |
| Minn. | 17,262 | 278 | 18 |
| Miss. | 3,280 | 74 | 6 |
| Mo. | 15,519 | 213 | 14 |
| Mont. | 3,044 | 225 | 17 |
| Nebr. | 4,837 ⁵ | 193 | 14 |
| Nev. | 4,734 | 431 | 31 |
| N.H. | 2,300 | 185 | 12 |
| N.J. | 28,431 | 304 | 17 |
| N. Max. | 4,752 | 199 | 17 |
| N.Y. | 153,703 | 657 | 38 |
| (City) | (105,837) ⁶ | (*) | |
| (Excl. NYC) | (47,866) ⁵ | (365) | |
| N.C. | 27,266 | 331 | 21 |
| N. Dak. | 2,150 ⁷ | 190 | 15 |
| Ohio | 41,447 | 258 | 17 |
| Okla. | 10,072 | 219 | 16 |
| Oreg. | 13,605 ⁵ | 349 | 24 |
| Pa. | 60,639 | 398 | 23 |
| R. I. | 4,497 | 390 | 22 |
| S.C. | 9,969 ⁵ | 201 | 15 |
| S. Dak. | 1,396 | 114 | 9 |
| Tenn. | 18,889 ⁵ | 284 | 19 |
| Texas | 63,953 | 270 | 21 |
| Utah | 3,130 | 81 | 11 |
| Vt. | 2,588 ⁵ | 363 | 23 |
| Va. | 30,442 | 414 | 24 |
| Wash. | 29,848 | 508 | 34 |
| W. Va. | 2,758 ⁴ | 94 | 7 |
| Wis. | 17,764 | 259 | 17 |
| Wyo. | 716 | 83 | 7 |
| Total | 1,157,776 | 347 | 23 |

¹ Abortion data from central health agency unless otherwise noted.
² Abortions per 1,000 live births (live birth data from Vital Statistics Division, National Center for Health Statistics).
³ Abortions per 1,000 females aged 15-44 (number of females aged 15-44 estimated by Family Planning Evaluation Division, CDC).
⁴ Reported from hospitals and/or facilities in state.
⁵ Data from Vital Statistics Division, National Center for Health Statistics.
⁶ Reported from New York City Health Department.
⁷ Estimate.

* Greater than 1,000 abortions per 1,000 live births.

In 1978, the 50 states and the District of Columbia reported 1,157,776 total abortions to CDC, a 7% increase over 1977. The national abortion rate rose from 22 per 1,000 females age 15-44 in 1977 to 23 in 1978. The national abortion ratio increased by 7%, from 325 to 347 per 1,000 live births, or more than 1 abortion for every 3 live births.

ABORTION—Reported legal abortions by age and state of occurrence, selected states,* 1978

| State | < 15 | | 15-19 | | 20-24 | | 25-29 | | 30-34 | | 35-39 | | > 40 | | Unknown | | Total | |
|-----------------------------|-------|-------|----------|--------|----------|--------|----------|--------|----------|--------|--------------------|-------|---------|-------|---------|-------|-----------|---------|
| | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % | No. | % |
| Alaska | 6 | 0.9 | 176 | 26.3 | 242 | 36.2 | 146 | 21.8 | 65 | 9.7 | 15 | 2.2 | 9 | 1.3 | 10 | 1.5 | 669 | 100.0 |
| Ariz. | 58 | 0.8 | 2,093 | 30.6 | 2,541 | 37.2 | 1,148 | 16.8 | 496 | 7.3 | 223 | 3.3 | 60 | 0.9 | 214 | 3.1 | 6,833 | 100.0 |
| Ark. | 66 | 1.3 | 1,823 | 36.4 | 1,668 | 33.3 | 768 | 15.3 | 389 | 7.8 | 216 | 4.3 | 82 | 1.6 | 2 | 0.0 | 5,014 | 100.0 |
| Colo. | 131 | 0.9 | 4,795 | 31.1 | 5,459 | 35.5 | 2,936 | 19.1 | 1,283 | 8.3 | 501 | 3.3 | 151 | 1.0 | 141 | 0.9 | 15,397 | 100.0 |
| Conn. | 96 | 0.7 | 4,066 | 29.5 | 4,790 | 34.8 | 2,385 | 17.3 | 1,344 | 9.8 | 663 | 4.8 | 214 | 1.6 | 226 | 1.6 | 13,784 | 100.0 |
| D.C. | 350 | 1.2 | 6,559 | 22.9 | 10,616 | 35.6 | 6,736 | 22.6 | 3,295 | 11.1 | 2,109 ¹ | 7.1 | — | — | 121 | 0.4 | 29,786 | 100.0 |
| Ga. | 600 | 1.7 | 10,370 | 29.0 | 11,785 | 34.0 | 6,679 | 19.3 | 3,290 | 9.5 | 1,354 | 3.9 | 483 | 1.4 | 96 | 0.3 | 34,657 | 100.0 |
| Hawaii | 32 | 0.5 | 1,241 | 20.6 | 2,138 | 35.6 | 1,414 | 23.5 | 752 | 12.5 | 275 | 4.6 | 154 | 2.6 | 8 | 0.1 | 6,014 | 100.0 |
| Idaho | 17 | 0.8 | 710 | 33.7 | 734 | 34.8 | 350 | 16.6 | 179 | 8.5 | 70 | 3.3 | 29 | 1.4 | 18 | 0.9 | 2,107 | 100.0 |
| Ill. | 703 | 1.0 | 18,759 | 26.9 | 23,419 | 33.5 | 13,006 | 18.6 | 6,685 | 9.6 | 3,415 | 4.9 | 1,354 | 1.9 | 2,488 | 3.6 | 69,829 | 100.0 |
| Ind. | 117 | 1.0 | 3,903 | 32.5 | 4,273 | 35.6 | 1,991 | 16.6 | 999 | 8.3 | 488 | 4.1 | 181 | 1.5 | 51 | 0.4 | 12,003 | 100.0 |
| Kans. | 111 | 1.2 | 3,464 | 37.5 | 2,998 | 32.5 | 1,417 | 15.4 | 676 | 7.3 | 349 | 3.8 | 150 | 1.6 | 64 | 0.7 | 9,229 | 100.0 |
| La. | 164 | 1.5 | 3,150 | 28.0 | 3,855 | 34.3 | 2,262 | 20.1 | 1,061 | 9.4 | 530 | 4.7 | 153 | 1.4 | 61 | 0.5 | 11,236 | 100.0 |
| Md. | 425 | 1.7 | 8,335 | 33.8 | 8,710 | 35.3 | 4,170 | 16.9 | 1,920 | 7.8 | 859 | 3.5 | 262 | 1.1 | 0 | 0.0 | 24,681 | 100.0 |
| Mass. | 193 | 0.5 | 11,483 | 28.6 | 14,693 | 36.5 | 7,635 | 19.0 | 3,719 | 9.3 | 1,749 | 4.4 | 588 | 1.5 | 140 | 0.3 | 40,200 | 100.0 |
| Minn. | 94 | 0.5 | 6,295 | 36.5 | 6,030 | 34.9 | 2,631 | 15.2 | 1,116 | 6.5 | 559 | 3.2 | 192 | 1.1 | 345 | 2.0 | 17,262 | 100.0 |
| Miss. | 63 | 1.9 | 1,085 | 33.1 | 1,138 | 34.7 | 561 | 17.1 | 247 | 7.5 | 132 | 4.0 | 53 | 1.6 | 1 | 0.0 | 3,280 | 100.0 |
| Mo. | 215 | 1.4 | 4,667 | 30.1 | 5,411 | 34.9 | 2,813 | 18.1 | 1,433 | 9.2 | 736 | 4.7 | 234 | 1.5 | 10 | 0.1 | 15,519 | 100.0 |
| Mont. | 23 | 0.8 | 985 | 32.4 | 1,137 | 37.4 | 571 | 18.8 | 200 | 6.6 | 95 | 3.1 | 33 | 1.1 | 0 | 0.0 | 3,044 | 100.0 |
| Nebr. | 50 | 1.0 | 1,988 | 41.1 | 1,623 | 33.6 | 623 | 12.9 | 288 | 6.0 | 169 | 3.5 | 94 | 1.9 | 2 | 0.0 | 4,837 | 100.0 |
| Nev. | 49 | 1.0 | 1,301 | 27.5 | 1,712 | 36.2 | 938 | 19.8 | 455 | 9.6 | 208 | 4.4 | 71 | 1.5 | 0 | 0.0 | 4,734 | 100.0 |
| N.H. | 22 | 1.0 | 857 | 37.3 | 814 | 35.4 | 334 | 14.5 | 158 | 6.9 | 69 | 3.0 | 27 | 1.2 | 19 | 0.8 | 2,300 | 100.0 |
| N.J. | 249 | 0.9 | 7,262 | 25.5 | 9,344 | 32.9 | 5,500 | 19.3 | 3,457 | 12.2 | 1,883 | 6.6 | 690 | 2.4 | 46 | 0.2 | 28,431 | 100.0 |
| N. Mex. | 36 | 0.8 | 1,452 | 30.6 | 1,621 | 34.1 | 957 | 20.1 | 416 | 8.8 | 184 | 3.9 | 76 | 1.6 | 10 | 0.2 | 4,752 | 100.0 |
| N.Y. | 1,267 | 0.8 | 36,157 | 23.5 | 51,084 | 33.2 | 32,345 | 21.0 | 18,798 | 12.2 | 9,532 | 6.2 | 3,144 | 2.0 | 1,376 | 0.9 | 153,703 | 100.0 |
| (City) | (886) | (0.8) | (21,805) | (20.6) | (34,942) | (33.0) | (24,402) | (23.1) | (14,198) | (13.4) | (6,879) | (6.5) | (2,109) | (2.0) | (616) | (0.6) | (105,837) | (100.0) |
| (Excl. NYC) | (381) | (0.1) | (14,352) | (30.0) | (16,142) | (33.7) | (7,943) | (16.6) | (4,600) | (9.6) | (2,653) | (5.5) | (1,035) | (2.2) | (760) | (1.6) | (47,866) | (100.0) |
| N.C. | 465 | 1.7 | 8,921 | 32.7 | 9,397 | 34.5 | 4,519 | 16.6 | 2,163 | 7.9 | 1,068 | 3.9 | 379 | 1.4 | 354 | 1.3 | 27,266 | 100.0 |
| Ohio | 248 | 0.6 | 10,913 | 26.3 | 15,291 | 36.9 | 7,537 | 18.2 | 3,483 | 8.4 | 1,787 | 4.3 | 754 | 1.8 | 1,434 | 3.5 | 41,447 | 100.0 |
| Oreg. | 106 | 0.8 | 4,443 | 32.7 | 4,743 | 34.9 | 2,528 | 18.6 | 1,153 | 8.5 | 460 | 3.4 | 139 | 1.0 | 33 | 0.2 | 13,605 | 100.0 |
| Pa. | 642 | 1.1 | 18,931 | 31.2 | 22,098 | 36.4 | 10,558 | 17.4 | 5,078 | 8.4 | 2,386 | 3.9 | 892 | 1.5 | 54 | 0.1 | 60,639 | 100.0 |
| R.I. | 24 | 0.5 | 1,186 | 26.4 | 1,720 | 38.2 | 829 | 18.4 | 423 | 9.4 | 197 | 4.4 | 74 | 1.6 | 44 | 1.0 | 4,497 | 100.0 |
| S.C. | 155 | 1.6 | 3,405 | 34.2 | 3,423 | 34.3 | 1,694 | 17.0 | 806 | 8.1 | 371 | 3.7 | 111 | 1.1 | 4 | 0.0 | 9,969 | 100.0 |
| S. Dak. | 5 | 0.4 | 524 | 37.5 | 499 | 35.7 | 177 | 12.7 | 78 | 5.6 | 48 | 3.4 | 22 | 1.6 | 43 | 3.1 | 1,396 | 100.0 |
| Tenn. | 251 | 1.3 | 6,196 | 32.8 | 6,500 | 34.4 | 3,276 | 17.3 | 1,547 | 8.2 | 746 | 3.9 | 250 | 1.3 | 123 | 0.7 | 18,889 | 100.0 |
| Utah | 12 | 0.4 | 687 | 21.9 | 1,172 | 37.4 | 698 | 22.3 | 276 | 8.8 | 139 | 4.4 | 47 | 1.5 | 99 | 3.2 | 3,130 | 100.0 |
| Vt. | 14 | 0.5 | 794 | 30.7 | 1,023 | 39.5 | 424 | 16.4 | 207 | 8.0 | 100 | 3.9 | 26 | 1.0 | 0 | 0.0 | 2,588 | 100.0 |
| Va. | 404 | 1.3 | 9,957 | 32.7 | 10,524 | 34.6 | 5,142 | 16.9 | 2,707 | 8.9 | 1,281 | 4.2 | 386 | 1.3 | 41 | 0.1 | 30,442 | 100.0 |
| Wash. | 284 | 1.0 | 10,090 | 33.8 | 10,303 | 34.5 | 5,341 | 17.9 | 2,421 | 8.1 | 1,028 | 3.4 | 372 | 1.2 | 9 | 0.0 | 29,848 | 100.0 |
| Wyo. | 8 | 1.1 | 245 | 34.2 | 265 | 37.0 | 113 | 15.8 | 49 | 6.8 | 18 | 2.5 | 13 | 1.8 | 5 | 0.7 | 716 | 100.0 |
| Total | 7,755 | 1.0 | 219,268 | 28.7 | 264,793 | 34.7 | 143,152 | 18.7 | 73,112 | 9.6 | 36,012 | 4.7 | 11,949 | 1.6 | 7,692 | 1.0 | 763,733 | 100.0 |
| Abortion ratio ² | 1,149 | | 650 | | 370 | | 218 | | 235 | | 435 | | 788 | | | | 356 | |

¹ Reported as >35.² Calculated as the number of legal abortions for women of a given age group per 1,000 live births to women in the same age group. "Unknown" age for each state is distributed according to known age distribution of that state.

* All states with data available (38).

ABORTION—Death-to-abortion rate* for legal abortions by type of procedure and weeks of gestation, United States, 1972-1978

| Type of procedure | Weeks of gestation | | | | | | Total |
|---|--------------------|------|-------|-------|-------|-------|-------|
| | ≤ 8 | 9-10 | 11-12 | 13-15 | 16-20 | ≥ 21 | |
| Curettage | 0.4 | 1.3 | 2.3 | | | | 1.0 |
| Dilatation and evacuation | | | | 5.6 | 14.1 | 13.5 | 7.7 |
| Instillation | 0.0 | 0.0 | 0.0 | 8.2 | 14.2 | 19.5 | 12.3 |
| Saline | 0.0 | 0.0 | 0.0 | 2.2 | 17.6 | 17.1 | 13.9 |
| Prostaglandin and other agents ¹ | 0.0 | 0.0 | 0.0 | 24.8 | 6.4 | 26.7 | 9.0 |
| Hysterotomy/Hysterectomy | 0.0 | 55.5 | 37.2 | 68.3 | 45.2 | 147.3 | 42.8 |
| Total ² | 0.4 | 1.4 | 2.4 | 8.2 | 15.2 | 22.1 | 2.2 |

¹ Denominators for rates include abortions reported as type of procedure "other" (1% of all abortions with procedure known).

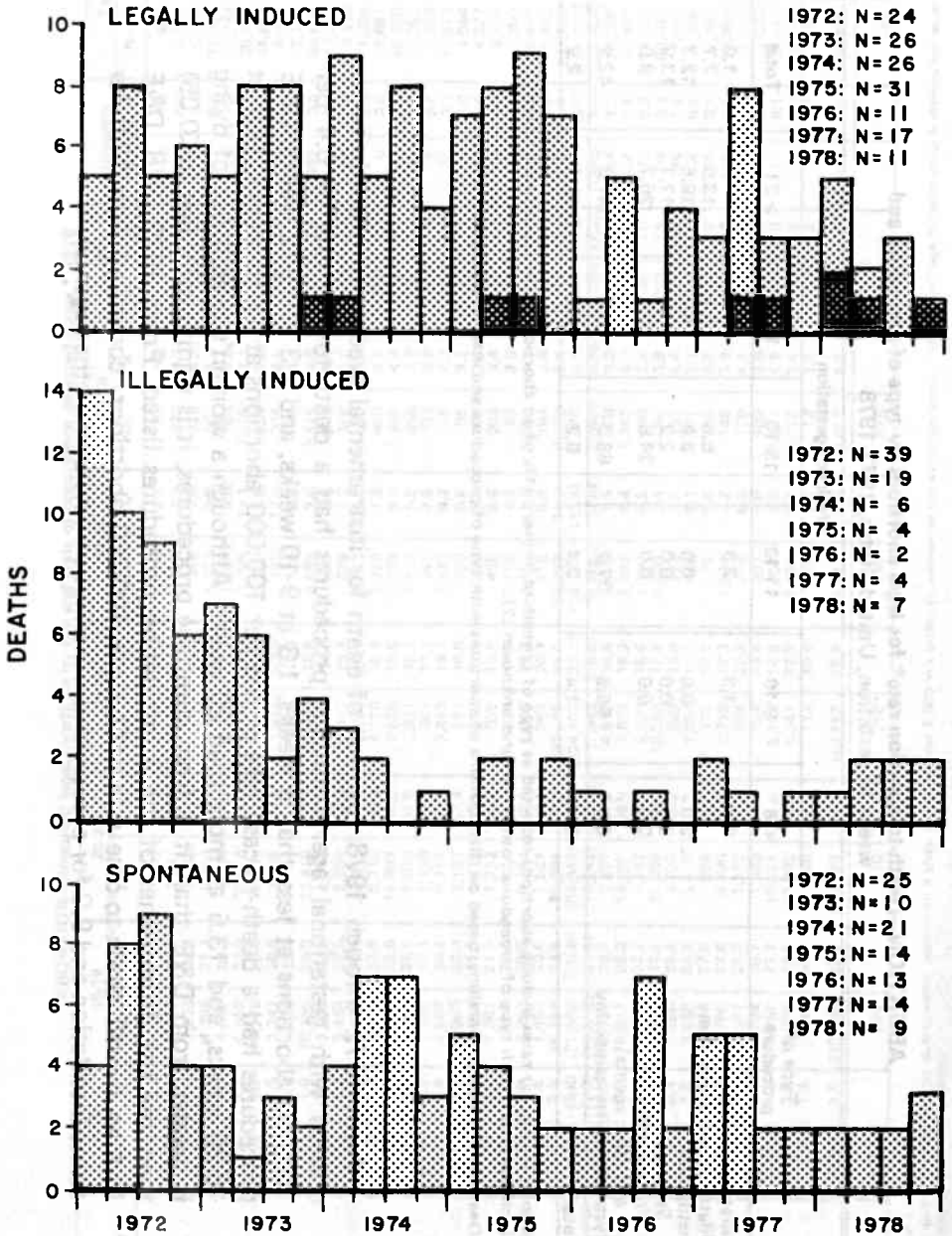
² Includes deaths with type of procedure "other" (4) and unknown (2).

*Deaths per 100,000 abortions; based on distributions of abortions with type of procedure and weeks of gestation known.

From 1972 through 1978, the risk of death for instrumental evacuation procedures increased with gestational age. Curettage procedures had a death-to-case rate of 0.4 per 100,000 abortions at less than 9 weeks, 1.3 at 9-10 weeks, and 2.3 at 11-12 weeks; D&E procedures had a death-to-case rate of 5.6 per 100,000 abortions at 13-15 weeks, 14.1 at 16-20 weeks, and 13.5 at more than 20 weeks. Although a woman's overall risk of dying is greater from D&E than it is from curettage procedures, it is significantly less ($p < 0.05$) than the risk from either of the 2 instillation procedures listed. From 1972-1978, D&E had an overall death-to-case rate of 7.7 per 100,000 abortions, compared with 13.9 for saline instillation and 9.0 for prostaglandin instillation (including other agents).

ABORTION

ABORTION — Abortion-related deaths by category* and quarter, United States, 1972-1978



* EXCLUDES UNKNOWN CATEGORY

ECTOPIC PREGNANCY

**CONGENITAL MALFORMATIONS – Number of monitored total births by U.S. Census Region
(including Puerto Rico), 1974-1978, Birth Defects Monitoring Program¹**

| Census Region | 1978 | 1977 | 1976 | 1975 | 1974 |
|---|----------------|------------------|------------------|------------------|------------------|
| Northeast | 179,414 | 207,049 | 209,277 | 226,226 | 225,488 |
| North Central | 369,350 | 406,662 | 385,877 | 396,504 | 406,460 |
| South ² | 244,515 | 274,169 | 265,680 | 262,477 | 271,907 |
| West | 180,872 | 189,210 | 188,964 | 183,039 | 181,192 |
| Total, United States² | 974,151 | 1,077,090 | 1,049,798 | 1,068,246 | 1,085,047 |

¹ Discharge data reported by 1200 participating hospitals through the Commission on Professional and Hospital Activities, Ann Arbor, Michigan.

² Includes Puerto Rico.

The birth defects data reported here are selected from those collected through the Birth Defects Monitoring Program (BDMP). The BDMP is conducted by CDC's Birth Defects Branch with data provided under contract by the Commission on Professional and Hospital Activities (CPHA) in Ann Arbor, Michigan. BDMP's primary purpose is to monitor the incidence of birth defects and other newborn conditions. Abstracts of hospital discharge summaries are coded by medical records staff from participating hospitals and submitted regularly to CPHA for data processing. CPHA uses some of the data on newborns to provide tabulations to CDC for analysis. Since 1970, data on births of 8 million infants have been included in the BDMP. The present annual number of births covered, from 1,130 hospitals, is 975,000—about one-third of the births in the country.

Birth defects cause nearly 20% of infant mortality in the United States. In the period covered in this report, the incidence of the majority of birth defects neither substantially decreased nor increased. The paucity of increases suggests that few, if any, widespread and powerful new teratogens were introduced.

**CONGENITAL MALFORMATIONS – Reported incidence of selected congenital malformations
by U.S. Census Region (including Puerto Rico) 1974-1978, Birth Defects Monitoring
Program¹ (rates per 10,000 total births)**

| Malformation/ Census Region | 1978 | | 1977 | | 1976 | | 1975 | | 1974 | |
|---|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|
| | No. | Rate | No. | Rate | No. | Rate | No. | Rate | No. | Rate |
| Anencephaly | | | | | | | | | | |
| Northeast | 59 | 3.3 | 81 | 3.9 | 72 | 3.4 | 92 | 4.1 | 85 | 3.8 |
| North Central | 148 | 4.0 | 146 | 3.6 | 147 | 3.8 | 174 | 4.4 | 173 | 4.3 |
| South ² | 89 | 3.6 | 102 | 3.7 | 123 | 4.6 | 122 | 4.6 | 138 | 5.1 |
| West | 64 | 3.5 | 72 | 3.8 | 95 | 5.0 | 75 | 4.1 | 82 | 4.5 |
| Total, United States² | 360 | 3.7 | 401 | 3.7 | 437 | 4.2 | 463 | 4.3 | 478 | 4.4 |
| Spina Bifida W/Out Anencephaly | | | | | | | | | | |
| Northeast | 85 | 4.7 | 94 | 4.5 | 108 | 5.2 | 125 | 5.5 | 131 | 5.8 |
| North Central | 192 | 5.2 | 209 | 5.1 | 180 | 4.7 | 218 | 5.5 | 221 | 5.4 |
| South ² | 159 | 6.5 | 154 | 5.6 | 179 | 6.7 | 173 | 6.6 | 228 | 8.4 |
| West | 65 | 3.6 | 68 | 3.6 | 71 | 3.8 | 76 | 4.2 | 66 | 3.6 |
| Total, United States² | 501 | 5.1 | 525 | 4.9 | 538 | 5.1 | 592 | 5.5 | 646 | 6.0 |
| Hydrocephalus W/Out Spina Bifida | | | | | | | | | | |
| Northeast | 70 | 3.9 | 94 | 4.5 | 81 | 3.9 | 76 | 3.4 | 98 | 4.3 |
| North Central | 166 | 4.5 | 192 | 4.7 | 164 | 4.3 | 165 | 4.2 | 171 | 4.2 |
| South ² | 109 | 4.5 | 140 | 5.1 | 110 | 4.1 | 104 | 4.0 | 99 | 3.6 |
| West | 67 | 3.7 | 74 | 3.9 | 76 | 4.0 | 74 | 4.0 | 71 | 3.9 |
| Total, United States² | 412 | 4.2 | 500 | 4.6 | 431 | 4.1 | 419 | 3.9 | 439 | 4.0 |
| Cleft Palate W/Out Cleft Lip | | | | | | | | | | |
| Northeast | 74 | 4.1 | 132 | 6.4 | 96 | 4.6 | 109 | 4.8 | 111 | 4.9 |
| North Central | 193 | 5.2 | 206 | 5.1 | 196 | 5.1 | 201 | 5.1 | 227 | 5.6 |
| South ² | 105 | 4.3 | 131 | 4.8 | 126 | 4.7 | 100 | 3.8 | 131 | 4.8 |
| West | 96 | 5.3 | 117 | 6.2 | 91 | 4.8 | 85 | 4.6 | 101 | 5.6 |
| Total, United States² | 468 | 4.8 | 586 | 5.4 | 509 | 4.8 | 495 | 4.6 | 570 | 5.3 |
| Cleft Lip With or W/Out Cleft Palate | | | | | | | | | | |
| Northeast | 138 | 7.7 | 162 | 7.8 | 167 | 8.0 | 186 | 8.2 | 190 | 8.4 |
| North Central | 337 | 9.1 | 398 | 9.8 | 354 | 9.2 | 388 | 9.8 | 395 | 9.7 |
| South ² | 186 | 7.6 | 225 | 8.2 | 219 | 8.2 | 231 | 8.8 | 250 | 9.2 |
| West | 178 | 9.8 | 181 | 9.6 | 190 | 10.1 | 215 | 11.7 | 168 | 9.3 |
| Total, United States² | 839 | 8.6 | 966 | 9.0 | 930 | 8.9 | 1,020 | 9.5 | 1,003 | 9.2 |
| Clubfoot W/Out CNS Defects | | | | | | | | | | |
| Northeast | 565 | 31.5 | 588 | 28.4 | 632 | 30.2 | 682 | 30.1 | 702 | 31.1 |
| North Central | 943 | 25.5 | 1,064 | 26.2 | 954 | 24.7 | 1,008 | 25.4 | 1,201 | 29.5 |
| South ² | 435 | 17.8 | 473 | 17.3 | 484 | 18.2 | 464 | 17.7 | 517 | 19.0 |
| West | 348 | 19.2 | 360 | 19.0 | 385 | 20.4 | 339 | 18.5 | 378 | 20.9 |
| Total, United States² | 2,291 | 23.5 | 2,485 | 23.1 | 2,455 | 23.4 | 2,493 | 23.3 | 2,798 | 25.8 |

¹ Discharge data reported by 1200 participating hospitals through the Commission on Professional and Hospital Activities, Ann Arbor, Michigan.

² Includes Puerto Rico.

**CONGENITAL MALFORMATIONS — Reported Incidence of selected congenital malformations
by U.S. Census Region, (including Puerto Rico), 1974-1978, Birth Defects
Monitoring Program¹ (rates per 10,000 total births) — Continued**

| Malformation/ Census Region | 1978 | | 1977 | | 1976 | | 1975 | | 1974 | |
|---|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|
| | No. | Rate | No. | Rate | No. | Rate | No. | Rate | No. | Rate |
| Reduction Deformity | | | | | | | | | | |
| Northeast | 48 | 2.7 | 57 | 2.8 | 67 | 3.2 | 67 | 3.0 | 97 | 4.3 |
| North Central | 124 | 3.4 | 161 | 4.0 | 103 | 2.7 | 118 | 3.0 | 144 | 3.5 |
| South ² | 90 | 3.7 | 70 | 2.6 | 98 | 3.7 | 92 | 3.5 | 105 | 3.9 |
| West | 57 | 3.2 | 74 | 3.9 | 81 | 4.3 | 63 | 3.4 | 55 | 3.0 |
| Total, United States² | 319 | 3.3 | 362 | 3.4 | 349 | 3.3 | 340 | 3.2 | 401 | 3.7 |
| Tracheo-Esophageal Fistula | | | | | | | | | | |
| Northeast | 33 | 1.8 | 33 | 1.6 | 29 | 1.4 | 45 | 2.0 | 36 | 1.6 |
| North Central | 54 | 1.5 | 55 | 1.4 | 66 | 1.7 | 57 | 1.4 | 69 | 1.7 |
| South ² | 27 | 1.1 | 37 | 1.3 | 45 | 1.7 | 44 | 1.7 | 29 | 1.1 |
| West | 27 | 1.5 | 29 | 1.5 | 34 | 1.8 | 44 | 2.4 | 41 | 2.3 |
| Total, United States² | 141 | 1.4 | 154 | 1.4 | 174 | 1.7 | 190 | 1.8 | 175 | 1.6 |
| Rectal Atresia and Stenosis | | | | | | | | | | |
| Northeast | 62 | 3.5 | 72 | 3.5 | 69 | 3.3 | 66 | 2.9 | 79 | 3.5 |
| North Central | 128 | 3.5 | 134 | 3.3 | 108 | 2.8 | 137 | 3.5 | 147 | 3.6 |
| South ² | 64 | 2.6 | 72 | 2.6 | 86 | 3.2 | 80 | 3.0 | 86 | 3.2 |
| West | 53 | 2.9 | 68 | 3.6 | 73 | 3.9 | 61 | 3.3 | 55 | 3.0 |
| Total, United States² | 307 | 3.2 | 346 | 3.2 | 336 | 3.2 | 344 | 3.2 | 367 | 3.4 |
| Renal Agenesis | | | | | | | | | | |
| Northeast | 24 | 1.3 | 27 | 1.3 | 23 | 1.1 | 20 | 0.9 | 24 | 1.1 |
| North Central | 47 | 1.3 | 48 | 1.2 | 70 | 1.8 | 54 | 1.4 | 42 | 1.0 |
| South ² | 20 | 0.8 | 21 | 0.8 | 30 | 1.1 | 21 | 0.8 | 26 | 1.0 |
| West | 38 | 2.1 | 15 | 0.8 | 29 | 1.5 | 25 | 1.4 | 17 | 0.9 |
| Total, United States² | 129 | 1.3 | 111 | 1.0 | 152 | 1.4 | 120 | 1.1 | 109 | 1.0 |
| Hypospadias³ | | | | | | | | | | |
| Northeast | 507 | 55.2 | 583 | 54.7 | 599 | 55.6 | 610 | 52.3 | 547 | 47.1 |
| North Central | 872 | 45.8 | 972 | 46.4 | 934 | 46.9 | 887 | 43.5 | 935 | 44.5 |
| South ² | 533 | 42.3 | 533 | 37.8 | 536 | 39.3 | 580 | 42.8 | 584 | 41.8 |
| West | 416 | 44.6 | 463 | 47.5 | 440 | 45.3 | 432 | 45.9 | 401 | 42.9 |
| Total, United States² | 2,238 | 46.4 | 2,551 | 46.0 | 2,509 | 46.4 | 2,509 | 45.6 | 2,467 | 44.1 |
| Down Syndrome | | | | | | | | | | |
| Northeast | 167 | 9.3 | 175 | 8.5 | 184 | 8.8 | 249 | 11.0 | 224 | 9.9 |
| North Central | 271 | 7.3 | 290 | 7.1 | 292 | 7.6 | 327 | 8.2 | 333 | 8.2 |
| South ² | 185 | 7.6 | 197 | 7.2 | 182 | 6.9 | 192 | 7.3 | 188 | 6.9 |
| West | 168 | 9.3 | 157 | 8.3 | 120 | 6.4 | 153 | 8.4 | 129 | 7.1 |
| Total, United States² | 791 | 8.1 | 819 | 7.6 | 778 | 7.4 | 921 | 8.6 | 874 | 8.1 |

¹ Discharge data reported by 1200 participating hospitals through the Commission on Professional and Hospital Activities, Ann Arbor, Michigan.

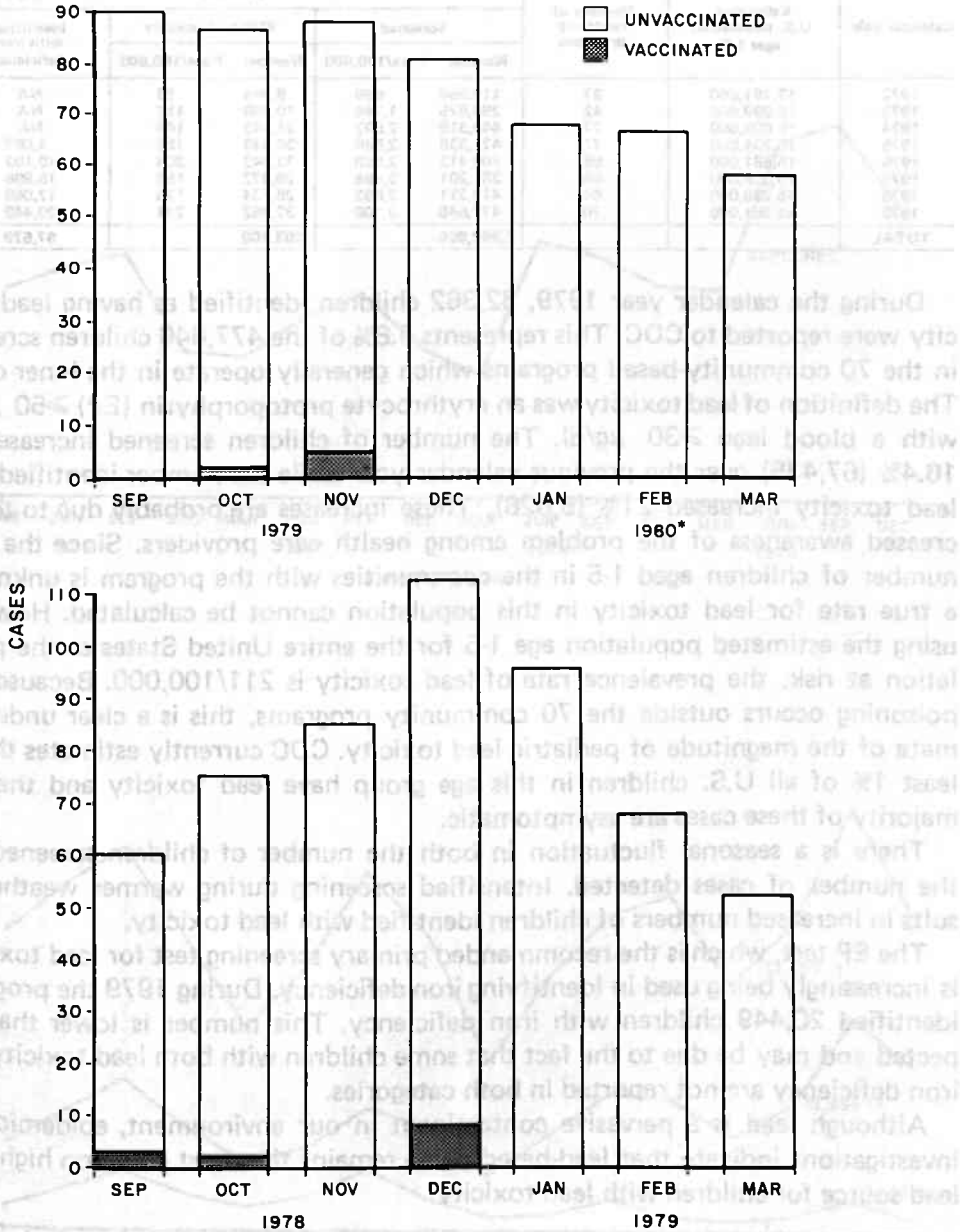
² Includes Puerto Rico.

³ Rates per 10,000 male births.

In 1978, CDC established a surveillance system to detect cases of Guillain Barré syndrome (GBS). This system was based on reporting by a group of American Academy of Neurology physicians who represent an estimated 40% of the neurologists in private practice and in academic centers in the United States. These data do not represent complete case reporting. Since a major purpose of the system was to determine whether or not an increased risk of vaccine associated GBS existed for the influenza vaccines administered in both 1978-1979 and 1979-1980, surveillance was intensified between the months of September and March for each of these 2 periods. The accompanying graphs show the total number of reported vaccinated and unvaccinated cases during the 2 study periods. No association was found between influenza vaccination and the development of GBS in the subsequent 8 weeks for either the 1978-1979 or the 1979-1980 influenza season.



GUILLAIN-BARRÉ SYNDROME — Reported cases by month of onset of neurologic symptoms, United States, 1978-1979 and 1979-1980



*INCLUDES REPORTS RECEIVED THROUGH SEPTEMBER 1980

LEAD POISONING

LEAD POISONING – Number of children screened and found to have lead toxicity in childhood lead-based paint poisoning prevention programs, United States, 1972-1979

| Calendar year | Estimated U.S. population ages 1-5 | Number of reporting programs | Children | | | | |
|---------------|------------------------------------|------------------------------|------------------|--------------|--------------------|--------------|---------------------------------|
| | | | Screened | | With lead toxicity | | Identified with iron deficiency |
| | | | Number | Rate/100,000 | Number | Rate/100,000 | |
| 1972 | 17,161,000 | 37 | 119,960 | 699 | 9,044 | 53 | NA |
| 1973 | 16,999,000 | 42 | 296,879 | 1,746 | 19,059 | 112 | NA |
| 1974 | 16,690,000 | 77 | 449,318 | 2,692 | 24,443 | 146 | NA |
| 1975 | 16,294,000 | 77 | 421,338 | 2,586 | 30,343 | 186 | 4,062 |
| 1976 | 15,881,000 | 66 | 406,413 | 2,559 | 33,043 | 208 | 10,103 |
| 1977 | 15,339,000 | 65 | 381,201 | 2,485 | 28,072 | 183 | 15,896 |
| 1978 | 15,236,000 | 64 | 410,211 | 2,692 | 26,734 | 175 | 17,069 |
| 1979 | 15,361,000 | 70 | 477,646 | 3,109 | 32,362 | 211 | 20,449 |
| TOTAL | | | 2,962,966 | | 203,100 | | 67,579 |

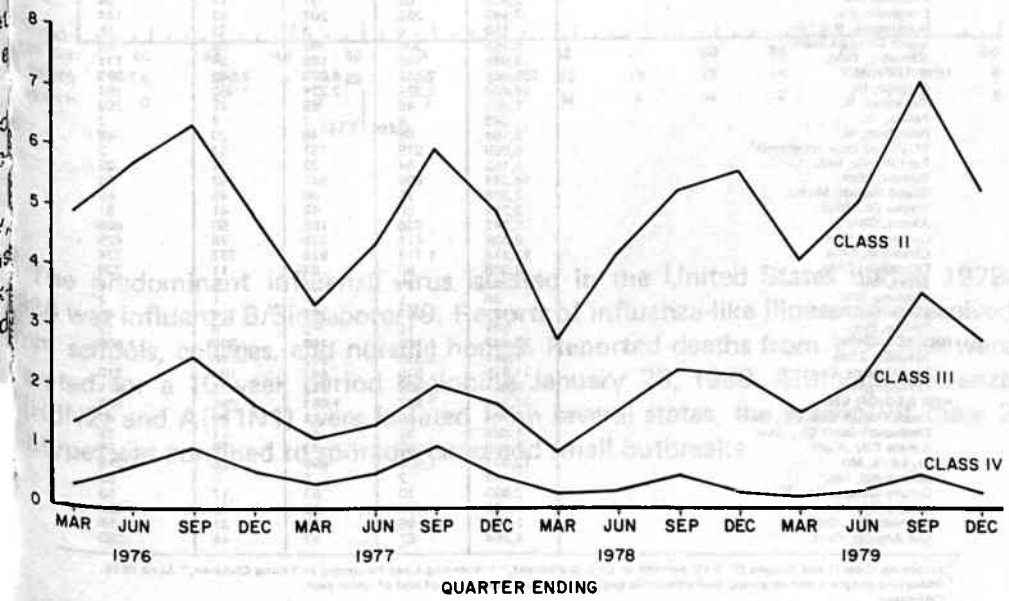
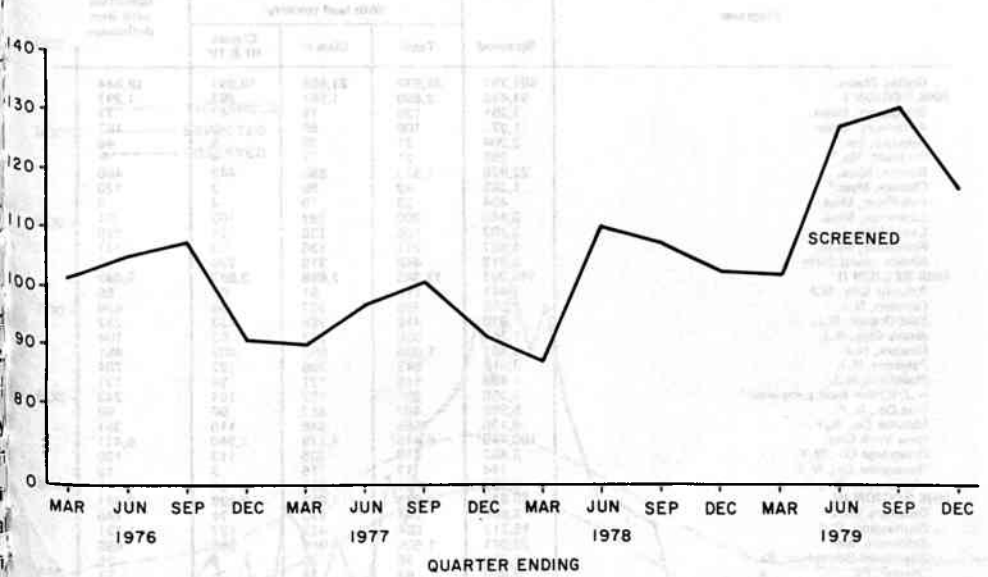
During the calendar year 1979, 32,362 children identified as having lead toxicity were reported to CDC. This represents 6.8% of the 477,646 children screened in the 70 community-based programs which generally operate in the inner cities. The definition of lead toxicity was an erythrocyte protoporphyrin (EP) ≥ 50 $\mu\text{g}/\text{dl}$ with a blood lead ≥ 30 $\mu\text{g}/\text{dl}$. The number of children screened increased by 16.4% (67,435) over the previous calendar year while the number identified with lead toxicity increased 21% (5,628). These increases are probably due to the increased awareness of the problem among health care providers. Since the total number of children aged 1-5 in the communities with the program is unknown, a true rate for lead toxicity in this population cannot be calculated. However, using the estimated population age 1-5 for the entire United States as the population at risk, the prevalence rate of lead toxicity is 211/100,000. Because lead poisoning occurs outside the 70 community programs, this is a clear underestimate of the magnitude of pediatric lead toxicity. CDC currently estimates that at least 1% of all U.S. children in this age group have lead toxicity and that the majority of these cases are asymptomatic.

There is a seasonal fluctuation in both the number of children screened and the number of cases detected. Intensified screening during warmer weather results in increased numbers of children identified with lead toxicity.

The EP test, which is the recommended primary screening test for lead toxicity, is increasingly being used in identifying iron deficiency. During 1979 the programs identified 20,449 children with iron deficiency. This number is lower than expected and may be due to the fact that some children with both lead toxicity and iron deficiency are not reported in both categories.

Although lead is a pervasive contaminant in our environment, epidemiologic investigations indicate that lead-based paint remains the most common high-dose lead source for children with lead toxicity.

LEAD POISONING — Number of children screened and found with undue lead absorption by risk classification identified in childhood lead-based paint poisoning prevention projects by quarter, 1976-1979



LEAD POISONING

LEAD POISONING — Results of screening in childhood lead-based paint poisoning control projects, United States, October 1978 — September 1979

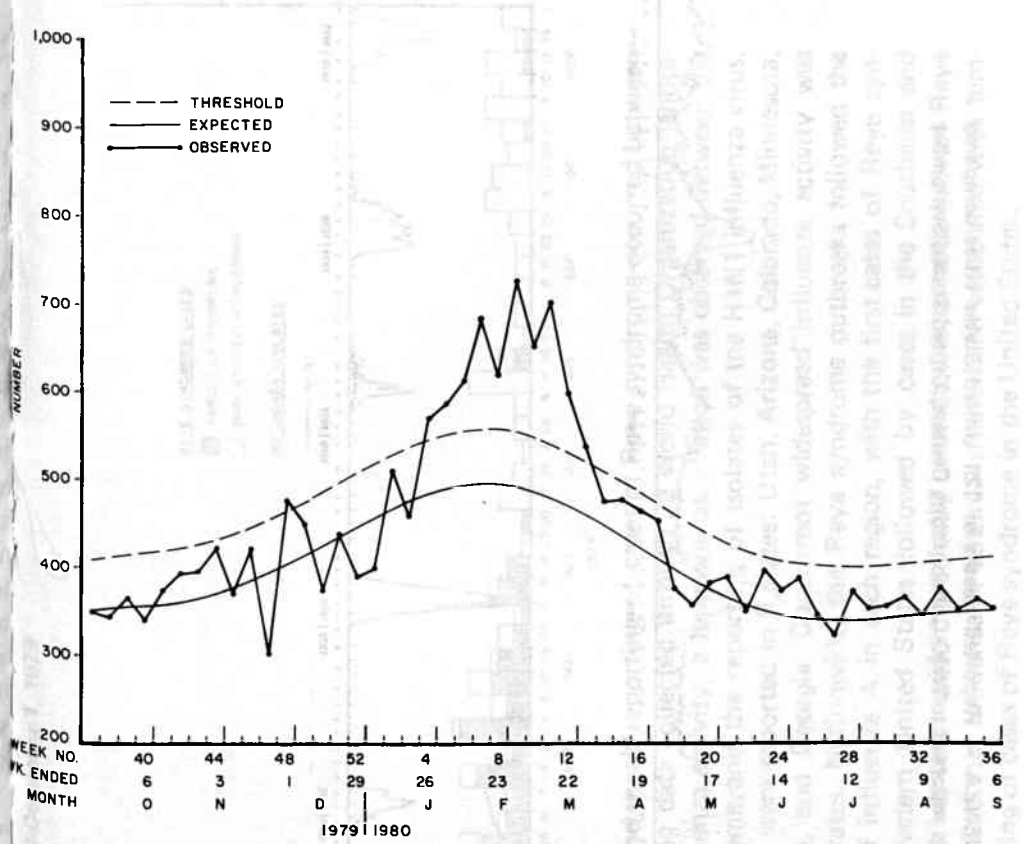
| Programs | Number of children | | | | Identified with iron deficiency |
|--|----------------------|---------------------------------|----------|------------------|---------------------------------|
| | Screened | With lead toxicity ¹ | | | |
| | | Total | Class II | Classes III & IV | |
| United States | 464,751 | 32,537 | 21,686 | 10,851 | 18,844 |
| HHS REGION I | 51,448 | 2,850 | 1,867 | 983 | 1,297 |
| Bridgeport, Conn. | 3,391 | 126 | 79 | 47 | 77 |
| Waterbury, Conn. | 1,273 | 109 | 69 | 40 | 187 |
| Augusta, Me. ² | 2,204 | 31 | 25 | 6 | 46 |
| Portland, Me. ² | 255 | 21 | 17 | 4 | — |
| Boston, Mass. | 22,928 | 1,323 | 880 | 443 | 466 |
| Chelsea, Mass. ² | 1,382 | 92 | 89 | 3 | 120 |
| Fall River, Mass. | 404 | 23 | 19 | 4 | 3 |
| Lawrence, Mass. | 5,440 | 300 | 197 | 103 | 91 |
| Lynn, Mass. ² | 3,702 | 166 | 135 | 31 | 110 |
| Worcester, Mass. | 4,657 | 211 | 138 | 73 | 131 |
| Rhode Island State | 5,812 | 448 | 219 | 229 | 66 |
| HHS REGION II | 143,201 | 11,383 | 7,696 | 3,687 | 9,687 |
| Atlantic City, N.J. | 1,441 | 118 | 51 | 67 | 58 |
| Camden, N.J. | 2,518 | 365 | 307 | 58 | 425 |
| East Orange, N.J. | 1,939 | 419 | 286 | 133 | 237 |
| Jersey City, N.J. | 1,368 | 330 | 237 | 93 | 104 |
| Newark, N.J. | 4,161 | 1,095 | 693 | 402 | 451 |
| Paterson, N.J. | 3,919 | 543 | 356 | 187 | 784 |
| Plainfield, N.J. | 1,458 | 145 | 121 | 24 | 131 |
| N.J. (Other local programs) ² | 3,256 | 291 | 187 | 104 | 243 |
| Erie Co., N.Y. | 5,989 | 407 | 317 | 90 | 99 |
| Monroe Co., N.Y. | 6,130 | 556 | 446 | 110 | 351 |
| New York City | 100,449 ³ | 6,415 ³ | 4,175 | 2,240 | 6,431 |
| Onondaga Co., N.Y. | 6,462 | 418 | 305 | 113 | 120 |
| Rensselaer Co., N.Y. | 144 | 17 | 15 | 2 | 13 |
| Westchester Co., N.Y. | 3,967 | 264 | 200 | 64 | 240 |
| HHS REGION III | 80,814 | 6,891 | 4,652 | 2,239 | 2,531 |
| Delaware State | 3,899 | 244 | 170 | 74 | 146 |
| Washington, D.C. | 15,212 | 554 | 427 | 127 | 1,121 |
| Baltimore, Md. | 20,041 | 1,506 | 946 | 560 | 486 |
| Allentown-Bethlehem, Pa. | 1,213 | 35 | 30 | 5 | 25 |
| Chester, Pa. | 2,869 | 63 | 38 | 25 | 31 |
| Philadelphia, Pa. | 18,730 | 3,889 | 2,621 | 1,268 | 151 |
| Wilkes-Barre, Pa. | 2,666 | 90 | 70 | 20 | 119 |
| York, Pa. | 1,687 | 64 | 42 | 22 | 102 |
| Lynchburg, Va. | 1,930 | 79 | 53 | 26 | 108 |
| Norfolk, Va. | 4,457 | 129 | 85 | 44 | 56 |
| Portsmouth, Va. | 2,344 | 121 | 87 | 34 | 95 |
| Richmond, Va. | 5,766 | 117 | 83 | 34 | 91 |
| HHS REGION IV | 18,251 | 807 | 628 | 179 | 439 |
| Augusta, Ga. | 3,468 | 65 | 51 | 14 | 54 |
| Louisville, Ky. | 7,440 | 296 | 203 | 93 | 144 |
| Wilmington, N.C. ² | 150 | 6 | 3 | 3 | 15 |
| South Carolina State | 4,155 | 300 ² | 265 | 35 | 95 |
| Memphis, Tenn. | 3,038 | 140 | 106 | 34 | 131 |
| HHS REGION V | 108,669 | 7,448 | 4,906 | 2,542 | 2,993 |
| Chicago, Ill. | 44,409 | 3,294 | 2,234 | 1,060 | 754 |
| Kankakee, Ill. | 1,488 | 46 | 35 | 11 | 269 |
| Peoria, Ill. | 345 | 8 | 7 | 1 | 3 |
| Rockford, Ill. | 2,194 | 66 | 46 | 20 | 48 |
| Ill. (Other local programs) ² | 5,069 | 238 | 181 | 57 | 3 |
| Fort Wayne, Ind. | 1,163 | 54 | 23 | 31 | 23 |
| Detroit, Mich. | 14,344 | 809 | 541 | 268 | 64 |
| Grand Rapids, Mich. | 2,988 | 75 | 30 | 45 | 52 |
| Wayne Co., Mich. | 2,211 | 89 | 48 | 41 | 81 |
| Akron, Ohio | 5,342 | 236 | 186 | 50 | 606 |
| Cincinnati, Ohio | 8,339 | 411 | 335 | 76 | 425 |
| Cleveland, Ohio | 13,416 | 1,713 | 976 | 737 | 374 |
| Columbus, Ohio | 3,308 | 98 | 87 | 11 | 270 |
| Beloit, Wis. | 395 | 28 | 23 | 5 | 12 |
| Kenosha, Wis. | 35 | 1 | — | — | 2 |
| Milwaukee, Wis. | 3,122 | 267 | 153 | 114 | 45 |
| Racine, Wis. | 501 | 15 | 7 | 8 | 12 |
| HHS REGION VI | 28,647 | 1,118 | 768 | 350 | 1,006 |
| Arkansas State | 7,641 | 330 | 202 | 128 | 221 |
| New Orleans, La. | 11,975 | 630 | 443 | 187 | 310 |
| Houston, Tex. | 9,031 | 158 | 123 | 35 | 475 |
| HHS REGION VII | 27,251 | 1,857 | 1,061 | 796 | 456 |
| Cedar Rapids-Linn Co., Iowa | 2,264 | 44 | 24 | 20 | 47 |
| Davenport-Scott Co., Iowa | 1,886 | 55 | 44 | 11 | 39 |
| Kansas City, Kans. | 7,198 | 66 | 43 | 23 | 36 |
| St. Louis, Mo. | 12,933 | 1,620 | 895 | 725 | 216 |
| Springfield, Mo. | 77 | 2 | — | — | 65 |
| Omaha-Douglas Co., Neb. | 2,893 | 70 | 53 | 17 | 53 |
| HHS REGION IV | 6,470 | 183 | 108 | 75 | 435 |
| Alameda Co., Calif. | 2,206 | 96 | 65 | 31 | 55 |
| Los Angeles, Calif. | 4,264 | 87 | 43 | 44 | 380 |

¹ Screening Class II and Classes III & IV defined in CDC Statement, "Preventing Lead Poisoning in Young Children," April 1978.

² Reporting program not receiving lead poisoning prevention grant support as of end of fiscal year.

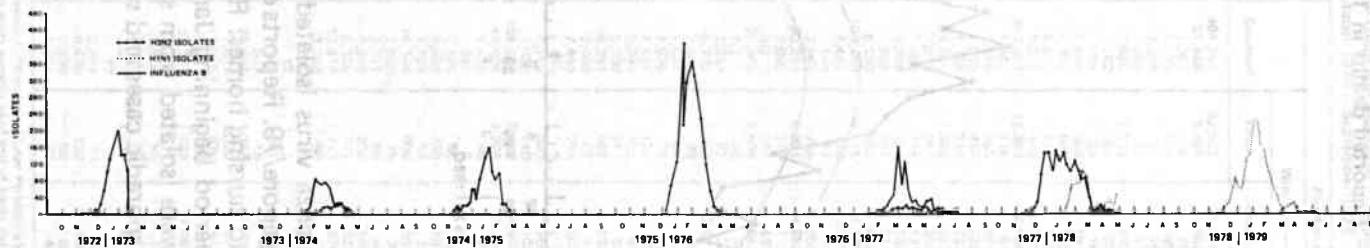
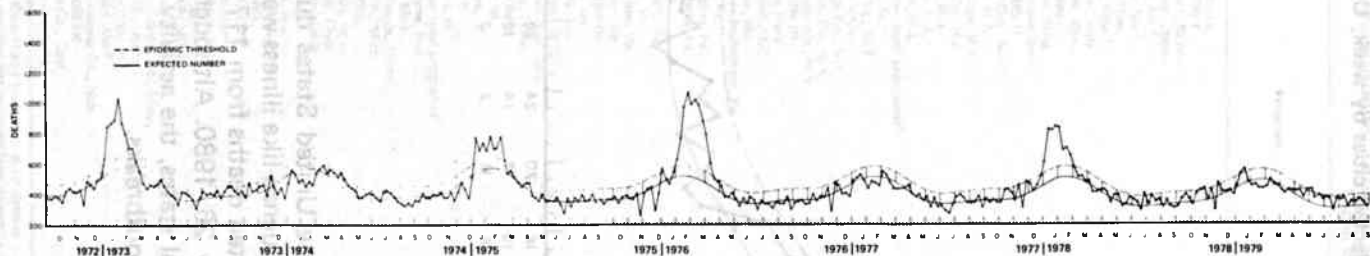
³ Estimated.

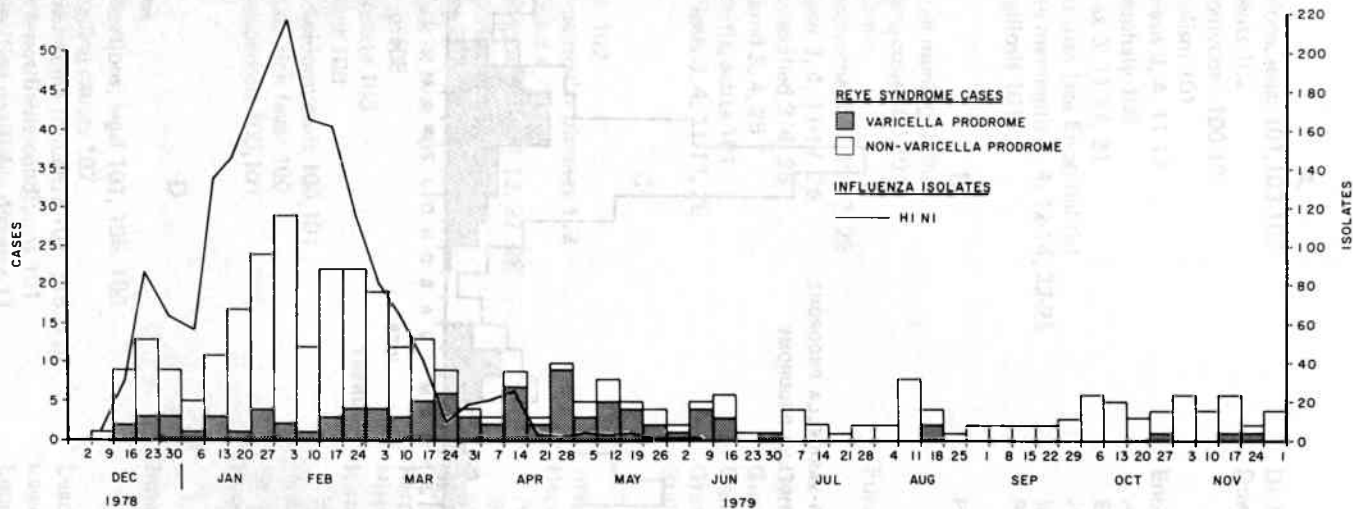
PNEUMONIA-INFLUENZA — Reported deaths in 117 selected cities by week, United States, September 1979-August 1980



The predominant influenza virus isolated in the United States during 1979-1980 was influenza B/Singapore/79. Reports of influenza-like illness were received from schools, colleges, and nursing homes. Reported deaths from 117 cities were elevated for a 10-week period beginning January 26, 1980. Although influenza A(H3N2) and A(H1N1) were isolated from several states, the activity of these 2 subtypes was confined to sporadic cases and small outbreaks.

PNEUMONIA-INFLUENZA — Reported deaths in 121 United States cities compared with influenza isolates reported to WHO Collaborating Centers, United States, September 1972-August 1979

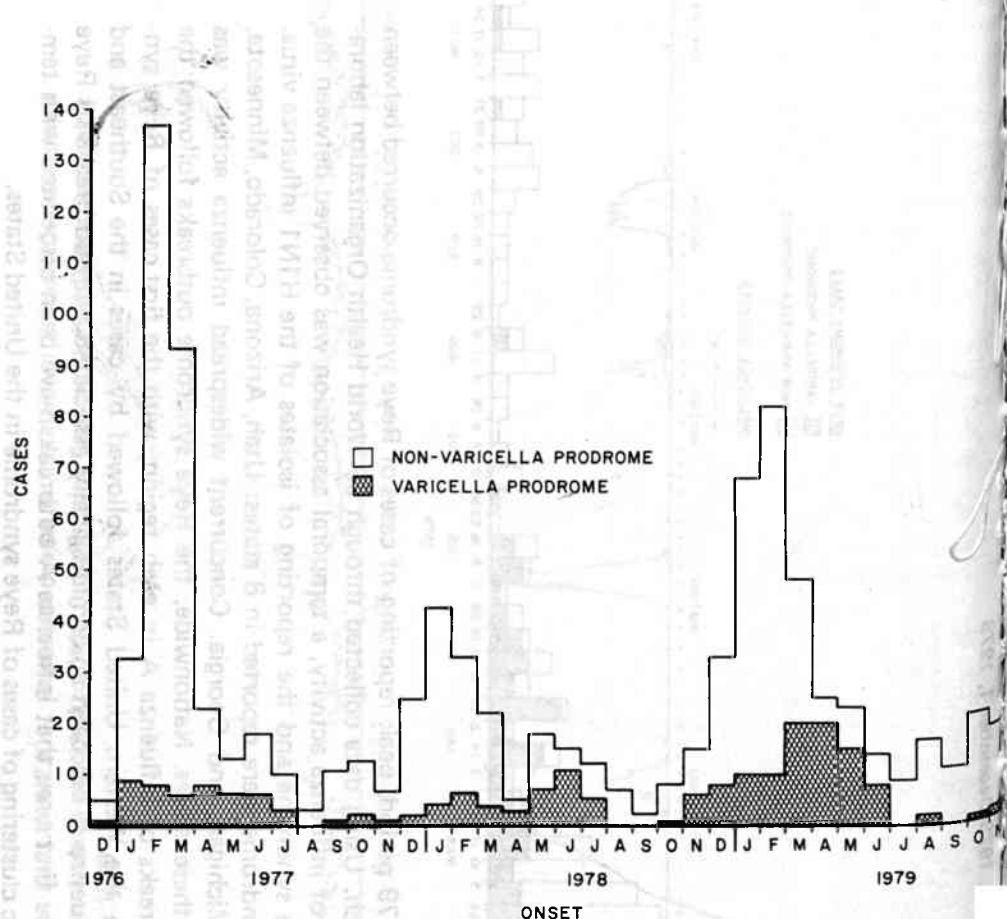




During the 1978-79 period, peak reporting of cases of Reye syndrome occurred between December and March. Using data collected through 59 World Health Organization laboratories as a measure of influenza activity, a temporal association was observed between the occurrence of Reye syndrome and the reporting of isolates of the H1N1 influenza virus. Clusters of Reye syndrome were reported in 8 states: Utah, Arizona, Colorado, Minnesota, Ohio, Oklahoma, Michigan, and Georgia. Concurrent widespread influenza activity was reported in all of these states. Nationwide, the Reye syndrome outbreaks followed the occurrence of outbreaks of influenza A in each region, with the first cases of Reye syndrome occurring in the Western United States followed by cases in the Southeast and Midwest. While influenza B has been epidemiologically associated with outbreaks of Reye syndrome, this is the first time that influenza A outbreaks have been associated with temporal and geographic clustering of cases of Reye syndrome in the United States.

REYE SYNDROME

REYE SYNDROME — Reported cases by month of onset of prodrome, United States, December 1976–November 1979



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