

MORBIDITY AND MORTALITY WEEKLY REPORT

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## Update: Raccoon Rabies Epizootic United States, 1996

Since 1960, rabies has been reported more frequently in wild animals than in domestic animals in the United States. In 1995, wildlife rabies accounted for $92 \%$ of animal rabies cases reported to CDC; approximately $50 \%$ of these cases (3964 of 7881 total cases) were associated with raccoons (1). This report describes the continuing spread of an epizootic of raccoon rabies in affected mid-Atlantic and northeastern states and the spread into Ohio, indicating an increasing move westward despite geographic barriers.

New York. Rabies was first confirmed in raccoons in New York in May 1990; since then, 7851 cases of animal rabies ( 6637 in raccoons and 1214 in domestic and other wild animals infected with the raccoon rabies virus variant) have been confirmed from all 62 counties in the state. Since 1990, the raccoon rabies epizootic has spread steadily northward within the state at an average rate of 25 miles per year. During 19941995, however, a focus of raccoon rabies re-emerged in the 11 counties that were affected first by the epizootic during 1990-1991: from 1994 through 1995, the total number of raccoon rabies cases in these 11 counties increased $245 \%$ (from 40 to 138, respectively). Cases of rabies in domestic animals also have increased substantially: during 1990-1995, a total of 158 cases were confirmed in cats, and 36 cases were confirmed in dogs. Before 1990, postexposure prophylaxis (PEP) was provided to an average of <100 persons annually in New York; in comparison, during 1990-1995, approximately 10,000 persons received PEP.

North Carolina. Rabies was first confirmed in raccoons in the northeastern part of the state during 1991, probably reflecting an extension of the mid-Atlantic raccoon rabies epizootic. During 1992, cases were confirmed in raccoons in the southeastern quadrant of the state. Both epizootic foci continued to spread, and by late 1994 and early 1995, cases were confirmed in the central section of the state. In 1995, of the 875 raccoons submitted for testing, 362 ( $41 \%$ ) were positive for rabies, more than double the number of raccoon rabies cases reported in the state in 1994 (143 cases).

Vermont. Rabies was first confirmed in foxes in northwestern Vermont in February 1992 and in raccoons in southwestern Vermont in June 1994. The raccoon rabies epizootic has continued to spread northward up the Champlain basin and the Connecticut River valley; in 1995, cases were detected in all 14 counties within the state. In 1995, of 685 animals tested for rabies, 179 (26\%) were positive, a $20 \%$ increase from 1994. In
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1995, of the 261 raccoons tested for rabies, 104 ( $40 \%$ ) were positive; in addition, testing was positive for 31 foxes, 38 skunks, two woodchucks, one pig, one beaver, and one cat.

Rhode Island. Rabies was first confirmed in January 1994 in raccoons in Rhode Island near the state's northern border. In 1994, animal rabies cases were reported from 23 ( $59 \%$ ) of 39 cities and towns, and by 1995, cases had been confirmed in every city and town except for the island communities of New Shoreham and Jamestown. In 1995, of 886 animals tested for rabies, 324 (37\%) were positive, an $11 \%$ increase from 1994 in the proportion of all animals testing positive. In 1995, of 345 raccoons tested for rabies, 215 ( $62 \%$ ) were positive; in addition, testing was positive for 83 skunks, nine foxes, seven cats, four cows, and one woodchuck.

Maine. Rabies was first confirmed in raccoons in southern Maine and in foxes in central Maine in August 1994. Subsequently, cases have been detected in both domestic and wild animals in nine ( $56 \%$ ) of 16 counties and 77 (17\%) of 456 cities and towns in the state. From 1994 through 1995, the number of animals submitted for rabies testing increased from 351 to 736 , and the number of confirmed animal rabies cases increased 10 -fold, from 10 to 101. In 1995, of 117 raccoons tested for rabies, 41 ( $35 \%$ ) were positive; in addition, testing was positive for 44 skunks, seven foxes, and one dog.

Ohio. In late May 1996, the first indigenous case of raccoon rabies in Ohio was confirmed in a racoon captured in the village of Poland in northeastern Ohio, approximately 3 miles west of the Pennsylvania border. In June 1996, active surveillance of dead animals found on roads and nuisance animals reported to animal-control agencies was initiated within a 10-mile radius of the index case; however, no cases were confirmed among the 57 specimens tested. Active surveillance continues in this region.
Reported by: TK Lee, DrPH, KF Gensheimer, MD, State Epidemiologist, Maine Dept of Human Svcs. RH Johnson, DVM, Vermont Dept of Health. U Bandy, MD, State Epidemiologist, State of Rhode Island and Providence Plantations Dept of Health. CA Hanlon, VMD, CV Trimarchi, D Morse, MD, State Epidemiologist, New York State Dept of Health. JL Hunter, DVM, JM Moser, MD, State Epidemiologist, North Carolina Dept of Environment, Health, and Natural Resources. KA Smith, DVM, TJ Halpin, MD, State Epidemiologist, Ohio Dept of Health. Viral and Rickettsial Zoonoses Br, Div of Viral and Rickettsial Diseases, National Center for Infectious Diseases, CDC.
Editorial Note: The variant of rabies virus associated with raccoons has been present in the southeastern United States since the 1950s and was introduced into the midAtlantic region of the United States in the mid-1970s, probably as the result of translocation of animals from the southeastern United States (2). The first such case was reported from West Virginia in 1977. Infected raccoons subsequently were reported from Virginia (1978), Maryland (1981), the District of Columbia (1982), Pennsylvania (1982), Delaware (1987), New Jersey (1989), New York (1990), Connecticut (1991), North Carolina (1991), Massachusetts (1992), New Hampshire (1992), Rhode Island (1994), Vermont (1994), Maine (1994), and Ohio (1996) (Figure 1). During 1995, states in the mid-Atlantic and Northeast regions accounted for $89 \%$ ( 3510 of 3964) of the reported cases of raccoon rabies in the United States (1). The rapidity of spread throughout the mid-Atlantic region may reflect the density of raccoon populations associated with abundant food supplies and denning sites in urban and suburban areas (3). Although westward progression of the epizootic has been slowed by geographic barriers such as the Great Lakes, the Chesapeake Bay, the Potomac and Susquehanna

## Raccoon Rabies Epizootic - Continued

FIGURE 1. Detection of raccoon rabies, by year - United States, 1996

rivers, and the Appalachian Mountains (4), once rabies infection becomes established in racoons in the Ohio Valley, the epizootic may spread more rapidly across the Midwest.

There have been no documented human rabies cases in the United States associated with the raccoon rabies virus variant. Potential explanations for this are that first, because raccoons are large and bites to humans are likely to be recognized, rabies PEP can be administered rapidly, and second, domestic animal rabies vaccination programs have provided a barrier to infection of humans by eliminating a potential link in rabies transmission from wildlife to humans. This barrier should be maintained also through traditional public health measures such as educating the public about the importance of rabies vaccination for pets, mandatory vaccination and leash laws, and animal-control programs.

The costs associated with rabies control and prevention in the northeastern United States have increased in direct relation to the spread of the raccoon rabies epizootic; these costs primarily reflect the number of PEP regimens administered. For example, in Connecticut, the estimated number of persons to whom PEP was administered increased from 41 in 1990 to 887 during the first 9 months of 1994 as the raccoon rabies epizootic spread statewide, at a median cost of $\$ 1500$ per person exposed (5). Rabies control in two counties in New Jersey accounted for a cost increase of $\$ 1.2$ million from 1988 (before the introduction of the raccoon rabies epizootic) through 1990 (the year the epizootic became established) (6).

## Raccoon Rabies Epizootic - Continued

New methods for slowing or containing the raccoon rabies epizootic are being considered in several states. For example, oral vaccination control programs using vaccinia-rabies glycoprotein recombinant vaccine contained within baits have been implemented in trials conducted in Cape May, New Jersey; Cape Cod, Massachusetts; eastern and northern New York state; and Pinellas County, Florida (7). Implementation of such programs to prevent spread of raccoon rabies to new areas is an adjunct to traditional control methods.

## References

1. Krebs JW, Strine TW, Smith JS, Noah DL, Rupprecht CE, Childs JE. Rabies surveillance in the United States during 1995. J Am Vet Med Assoc 1996;204:2031-44.
2. Nettles VF, Shaddock JH, Sikes RK, Reyes CR. Rabies in translocated raccoons. Am J Public Health 1979;69:601-2.
3. Anthony JA, Childs JE, Glass GE, Korch GW, Ross L, Grigor JK. Land use associations and changes in population indices of urban raccoons during a rabies epizootic. J Wild Dis 1990;26:170-9.
4. Rupprecht CE, Smith JS. Raccoon rabies: the re-emergence of an epizootic in a densely populated area. Seminars in Virology 1994;5:155-264.
5. CDC. Rabies postexposure prophylaxis-Connecticut, 1990-1994. MMWR 1996;45:232-4.
6. Uhaa IJ, Dato VM, Sorhage FE, et al. Benefits and costs of using an orally absorbed vaccine to control rabies in raccoons. J Am Vet Med Assoc 1992;201:1873-82.
7. Rupprecht CE, Hanlon CA, Niezgoda M, Buchanan JR, Diehl D, Koprowski H. Recombinant rabies vaccines: efficacy assessment in free-ranging animals. Onderstepoort J Vet Res 1993;60:463-8.

## Children with Elevated Blood Lead Levels Attributed to Home Renovation and Remodeling Activities New York, 1993-1994

Renovation and remodeling activities that disturb lead-based paint can create substantial amounts of lead dust in the home; such dust can then be inhaled or ingested by children (1). In January 1995, the New York State Department of Health (NYSDOH) assessed lead exposure among children resulting from home renovation and remodeling during 1993-1994. This report summarizes findings of the study, which identified 320 children in New York state (excluding New York City) with blood lead levels (BLLs) $\geq 20 \mu \mathrm{~g} / \mathrm{dL}$ that were considered to be attributable to residential renovation and remodeling.

In December 1993, New York enacted a state law requiring that all children undergo blood lead screening at ages 1 and 2 years; however, some children are not screened. For children with confirmed elevated BLLs or evidence of high-dose lead exposures, BLL testing is required through age 6 years. For some children aged $>6$ years, BLLs are tested when there are symptoms of lead poisoning or when there is another reason to suspect lead exposure. All BLL results must be reported to NYSDOH by laboratories performing these tests, which provides results for children aged $\leq 14$ years to respective local health departments. Local health departments then are responsible for environmental investigation and follow-up of children aged $<6$ years with BLLs $\geq 20 \mu \mathrm{~g} / \mathrm{dL}$.

During 1993-1994, a total of 4608 children with venous BLLs $\geq 20 \mu \mathrm{~g} / \mathrm{dL}$ in New York were reported to local health departments. In January 1995, environmental health and

## Elevated Blood Lead Levels - Continued

nursing staff of the local health departments reviewed the case records of these children to identify those who within the previous year had been exposed to residential renovation or remodeling activities that involved disturbing lead-based paint and for whom another likely source of lead exposure could not be identified. Disturbed paint was presumed to have been lead-based if lead was found in similar paint that remained in the home. For each case, data abstracted included 1) child's birth date, 2) blood test date, 3) BLL, 4) address of the dwelling, 5) method used to remove old paint, and 6) identity of the person who performed the paint removal. Dwellings were classified as being in rural, suburban, or urban areas based on the average number of persons per square mile residing within the census block (rural: 0-2000 persons; suburban: 2001-15,000; and urban: $\geq 15,001$ ) (2).

Review of records for 1993-1994 identified 320 (6.9\%) children in 258 households with elevated BLLs considered to be attributable to renovation and remodeling. Age was known for 289 children; of these, 29 ( $10 \%$ ) were aged <1 year; 92 ( $32 \%$ ), aged 1 year; 71 ( $25 \%$ ), aged 2 years; 37 ( $13 \%$ ), aged 3 years; 41 (14\%), aged 4 years; 10 (3\%), aged 5 years; and nine ( $3 \%$ ), aged $6-10$ years. BLLs were $20-24 \mu \mathrm{~g} / \mathrm{dL}$ in 117 ( $37 \%$ ) children, $25-29 \mu \mathrm{~g} / \mathrm{dL}$ in 76 ( $24 \%$ ), $30-39 \mu \mathrm{~g} / \mathrm{dL}$ in 87 ( $27 \%$ ), $40-59 \mu \mathrm{~g} / \mathrm{dL}$ in 32 (10\%), $60-79$ in seven ( $2 \%$ ), and $\geq 80 \mu \mathrm{~g} / \mathrm{dL}$ in one ( $<1 \%$ ). Area of residence was known for 281 children; 120 ( $43 \%$ ) resided in suburban areas, 101 (36\%) in rural areas, and 60 ( $21 \%$ ) in urban areas.

For 150 children, more than one type of paint removal activity was reported. Removal activities included scraping ( 150 reports), sanding (137), chemical stripping (62), using hand-held heat guns (28), using blow torches (nine), and blasting with either water or an abrasive material (six). There were 88 reports of complete removal of a painted component (e.g., wall, window, or stair). Information about who performed paint removal was known for 302 children; work was performed by a resident owner or tenant (187 [62\%] children), by a nonresident owner (66 [22\%] children), by a contractor (42 [14\%] children), or by a nonprofessional employee (seven [2\%] children).
Reported by: EM Franko, MS, WN Stasiuk, PhD, RW Svenson, MPA, New York State Dept of Health. Lead Poisoning Prevention Br, Div of Environmental Hazards and Health Effects, National Center for Environmental Health, CDC.
Editorial Note: Childhood lead exposure is a preventable environmental health problem that usually occurs in residential settings (3). In the United States, an estimated 1.7 million children aged $<6$ years have BLLs $\geq 10 \mu \mathrm{~g} / \mathrm{dL}$ and approximately 200,000 have BLLs $\geq 20 \mu \mathrm{~g} / \mathrm{dL}(4)$. BLLs at least as low as $10 \mu \mathrm{~g} / \mathrm{dL}$ are associated with adverse effects on children's behavior and development (3). CDC has recommended 1) nutritional and educational interventions for children identified with BLLs $10-19 \mu \mathrm{~g} / \mathrm{dL}$, 2) environmental evaluation to identify lead hazards for children with BLLs $\geq 20 \mu \mathrm{~g} / \mathrm{dL}$ or with BLLs that persist at $\geq 15 \mu \mathrm{~g} / \mathrm{dL}$, and 3) medical evaluation and intervention for children with BLLs $\geq 20 \mu \mathrm{~g} / \mathrm{dL}$ (3).

The findings in this report suggest that home renovation and remodeling was an important source of lead exposure among children in New York during 1993-1994. Although some of the 320 children may have been exposed to sources of lead other than or in addition to renovation and remodeling, this assessment probably underestimates the burden of lead exposure associated with renovation and remodeling in New York for at least four reasons. First, children with elevated BLLs $<20 \mu \mathrm{~g} / \mathrm{dL}$ were

## Elevated Blood Lead Levels - Continued

not included in this study. Second, many children who were exposed to lead during home renovation or remodeling may not have had BLL testing both because universal screening was not a legal requirement until December 1993 and because screening rates were low among children aged $>2$ years and among those who did not live in urban areas. Third, some laboratories may have incompletely reported children with BLLs $\geq 20 \mu \mathrm{~g} / \mathrm{dL}$. Finally, information on renovation and remodeling was not routinely collected during environmental investigations before this study; as a result, some children with these exposures may not have been identified in their case records.

In 1978, the Consumer Product Safety Commission banned manufacture and use of paint containing $>0.06 \%$ lead by weight for interior and exterior residential surfaces, toys, and furniture. Because the concentration of lead in paint steadily declined before 1978 ( 5 ), older homes are more likely to have paint with higher concentrations of lead. The risk for lead exposure associated with this source is greatest in homes built before 1950 ( 6 ); in New York, both the number $(3,401,416$ ) and proportion $(47 \%)$ of housing units built before 1950 are greater than in any other state (7).

Children can be exposed to lead-based paint in housing if the paint is in a form that can be inhaled or ingested (e.g., chipping, peeling, or pulverized to dust). Renovation and remodeling may generate lead dust and fumes. In this analysis, paint removal in most ( $86 \%$ ) cases was performed by persons who were not professional contractors and who may have been unaware of lead hazards and protective measures for safely containing dust and paint chips. Their work primarily involved sanding and scraping, methods that are potentially hazardous but require no training and little financial investment (1).

Persons who remove lead-based paint from dwellings should follow the recommendations of the U.S. Department of Housing and Urban Development and the U.S. Environmental Protection Agency for minimizing lead exposure (1,8). These include 1) relocating occupants during paint removal and prohibiting children and pregnant women from entering the work area; 2) isolating areas where work is being performed from other areas of the house and avoiding practices that create lead dust or fumes; 3) performing a full clean-up after work is completed; and 4) considering the monitoring of BLLs in persons who live or work in the dwelling.

Although children residing in poverty and in urban areas are at the highest risk for lead exposure (4), $79 \%$ of the children identified in this study resided in suburban or rural settings. This finding underscores that in all communities with older housing, appropriate actions include public education about lead hazards, provider-based anticipatory guidance about lead hazards, and BLL screening of children.

As a result of this investigation, local health departments in New York now routinely collect information about renovation and remodeling when investigating the home environments of children with elevated BLLs. Information about this potential source of lead exposure will be reported to NYSDOH, which will use these data to monitor trends in causes of childhood lead poisoning and identify areas to be targeted for educational outreach activities.

## References

1. Office of Lead-Based Paint Abatement and Poisoning Prevention. Guidelines for the evaluation and control of lead-based paint hazards in housing. Washington, DC: US Department of Housing and Urban Development, Office of Lead-Based Paint Abatement and Poisoning Prevention, 1995.

## Elevated Blood Lead Levels - Continued

2. Bureau of the Census. 1990 Census of population and housing: summary tape file 1B. Washington, DC: US Department of Commerce, Economics and Statistics Administration, Bureau of the Census, 1991.
3. CDC. Preventing lead poisoning in young children: a statement by the Centers for Disease Control. Atlanta, Georgia: US Department of Health and Human Services, Public Health Service, 1991.
4. Brody DJ, Pirkle JL, Kramer RA, et al. Blood lead levels in the U.S. population: phase 1 of the Third National Health and Nutrition Examination Survey (NHANES III, 1988 to 1991). JAMA 1994;272:277-83.
5. Office of Policy Development and Research. Comprehensive and workable plan for the abatement of lead-based paint in privately owned housing: report to Congress. Washington, DC: US Department of Housing and Urban Development, Office of Policy Development and Research, 1991; report no. HUD-PDR-1295(1).
6. Lead-Based Paint Hazard Reduction and Financing Task Force. Putting the pieces together: controlling lead hazards in the nation's housing. Washington, DC: US Department of Housing and Urban Development, Lead-Based Paint Hazard Reduction and Financing Task Force, 1995; report no. HUD-1547-LBP.
7. Bureau of the Census. 1990 Census of housing: detailed housing characteristics, United States. 1990 CH-2-1. 1993. World-Wide Web site http://venus.census.gov/cdrom/lookup/CMD=LIST/ DB=C90STF3A/LEV=STATE, Table H-25. Accessed September 10, 1996.
8. Office of Pollution Prevention and Toxics. Reducing lead hazards when remodeling your home. Washington, DC: US Environmental Protection Agency, Office of Pollution Prevention and Toxics, 1994; report no. EPA-747-R-94-002.

## Abortion Surveillance: Preliminary Data United States, 1994

For 1994, CDC received data on legal induced abortions from the 50 states, New York City, and the District of Columbia. This report presents preliminary data for 1994. Final abortion data for 1993 and 1994 will be published during spring 1997.

In 1994, a total of 1,267,415 legal induced abortions were reported to CDC (Table 1), a decrease of $4.7 \%$ from the number reported for 1993 (1). The number of live births decreased by $1.1 \%$ over the same period (2). Fewer abortions were reported from 43 of the 52 reporting areas in 1994 than during the previous year. The national abortion ratio (number of legal abortions per 1000 live births) decreased from 334 in 1993 to 321 in 1994 (Table 1, Figure 1), and the national abortion rate (number of legal abortions per 1000 women aged $15-44$ years) decreased from 22 to 21 . Consistent with previous years, approximately $92 \%$ of women who had a legal abortion were residents of the state in which the procedure was performed.

Women who obtained legal abortions in 1994 were predominately aged <25 years, white, and unmarried. As in 1993, approximately one fifth of women who obtained a legal abortion in 1994 were adolescents (aged $\leq 19$ years). Curettage (suction and sharp) remained the primary abortion procedure, accounting for $99 \%$ of all procedures. As in previous years, approximately $54 \%$ of legal abortions were performed during the first 8 weeks of gestation; specifically, $15.7 \%$ were at $\leq 6$ weeks, $16.5 \%$ at 7 weeks, and $21.6 \%$ at 8 weeks. Approximately $88 \%$ of abortions were performed during the first 12 weeks of pregnancy.
Reported by: Statistics and Computer Resources Br, Div of Reproductive Health, National Center for Chronic Disease Prevention and Health Promotion, CDC.

TABLE 1．Reported number of legal induced abortions，abortion ratios，＊abortion rates，${ }^{\dagger}$ and characteristics of women who obtained legal induced abortions，by year — United States，selected years，1972－1994

| Characteristic | 1972 | 1976 | 1980 | 1985 | 1990 | 1991 | 1992 | 1993 ${ }^{\text {§ }}$ | 1994 ${ }^{\text {I }}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Reported no． legal abortions | 586，760 | 988，267 | 1，297，606 | 1，328，570 | 1，429，577 | 1，388，937 | 1，359，145 | 1，330，414 | 1，267，415 |
| Abortion ratio | 180 | 312 | 359 | 354 | 345 | 339 | 335 | 334 | 321 |
| Abortion rate | 13 | 21 | 25 | 24 | 24 | 24 | 23 | 22 | 21 |
|  | Percentage distribution＊＊ |  |  |  |  |  |  |  |  |
| Residence |  |  |  |  |  |  |  |  |  |
| In－state | 56.2 | 90.0 | 92.6 | 92.4 | 91.8 | 91.6 | 92.0 | 91.4 | 91.7 |
| Out－of－state | 43.8 | 10.0 | 7.4 | 7.6 | 8.2 | 8.4 | 8.0 | 8.6 | 8.3 |
| Age group（yrs） |  |  |  |  |  |  |  |  |  |
| $\leq 19$ | 32.6 | 32.1 | 29.2 | 26.3 | 22.4 | 21.0 | 20.1 | 20.0 | 20.2 |
| 20－24 | 32.5 | 33.3 | 35.5 | 34.7 | 33.2 | 34.4 | 34.5 | 34.4 | 33.5 |
| $\geq 25$ | 34.9 | 34.6 | 35.3 | 39.0 | 44.4 | 44.6 | 45.4 | 45.6 | 46.3 |
| Race |  |  |  |  |  |  |  |  |  |
| White | 77.0 | 66.6 | 69.9 | 66.6 | 64.8 | 63.8 | 61.5 | 60.9 | 60.5 |
| Black | 23.0 | 33.4 | 30.1 | 29.8 | 31.8 | 32.5 | 33.9 | 34.9 | 34.7 |
| Other ${ }^{\dagger \dagger}$ | － | － | － | 3.5 | 3.4 | 3.7 | 4.6 | 4.2 | 4.8 |
| Ethnicity |  |  |  |  |  |  |  |  |  |
| Hispanic | － | － | － | － | 9.8 | 13.5 | 15.2 | 14.7 | 15.4 |
| Non－Hispanic | － | － | － | － | 90.2 | 86.5 | 84.8 | 85.3 | 84.6 |
| Marital status |  |  |  |  |  |  |  |  |  |
| Married | 29.7 | 24.6 | 23.1 | 19.3 | 21.7 | 21.4 | 20.8 | 20.4 | 19.9 |
| Unmarried | 70.3 | 75.4 | 76.9 | 80.7 | 78.3 | 78.6 | 79.2 | 79.6 | 80.1 |
| No．live births ${ }^{\text {® }}$ |  |  |  |  |  |  |  |  |  |
| 0 | 49.4 | 47.7 | 58.4 | 56.3 | 49.2 | 47.8 | 45.9 | 46.3 | 46.2 |
| 1 | 18.2 | 20.7 | 19.4 | 21.6 | 24.4 | 25.3 | 25.9 | 26.0 | 25.9 |
| 2 | 13.3 | 15.4 | 13.7 | 14.5 | 16.9 | 17.4 | 18.0 | 17.8 | 17.8 |
| 3 | 8.7 | 8.3 | 5.3 | 5.1 | 6.1 | 6.4 | 6.7 | 6.6 | 6.7 |
| $\geq 4$ | 10.4 | 7.9 | 3.2 | 2.5 | 3.4 | 3.4 | 3.5 | 3.3 | 3.4 |


| Type of procedure |  |  |  |  |  |  |  |  |  | $\stackrel{8}{8}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Curettage | 88.6 | 92.8 | 95.5 | 97.5 | 98.8 | 98.9 | 98.9 | 99.1 | 99.1 | き |
| Suction | 65.2 | 82.6 | 89.8 | 94.6 | 96.0 | 97.3 | 97.0 | 94.8 | 95.0 | O. |
| Sharp | 23.4 | 10.2 | 5.7 | 2.9 | 2.8 | 1.6 | 1.9 | 4.3 | 4.1 | c |
| Intrauterine instillation | 10.4 | 6.0 | 3.1 | 1.7 | 0.8 | 0.7 | 0.7 | 0.6 | 0.5 | 5 |
| OtherIIII | 1.0 | 1.2 | 1.4 | 0.8 | 0.4 | 0.4 | 0.4 | 0.3 | 0.4 | $\downarrow$ |
| Weeks of gestation |  |  |  |  |  |  |  |  |  | $\stackrel{1}{4}$ |
| $\leq 8$ | 34.0 | 47.0 | 51.7 | 50.3 | 51.6 | 52.3 | 52.1 | 52.3 | 53.7 | $\bigcirc$ |
| $\leq 6$ | - | - | - | - | - | - | 14.3*** | $14.7{ }^{\text {ttt }}$ | $15.7{ }^{\text {§§§ }}$ |  |
| 7 | - | - | - | - | - | - | 15.6*** | $16.2{ }^{\text {ttt }}$ | $16.5{ }^{\text {§§§ }}$ | \| |
| 8 | - | - | - | - | - | - | 22.2*** | $21.6{ }^{\text {ttt }}$ | $21.6{ }^{\text {¢§§ }}$ | $\bigcirc$ |
| 9-10 | 30.7 | 28.1 | 26.2 | 26.6 | 25.3 | 25.1 | 24.2 | 24.4 | 23.5 | $\stackrel{1}{2}$ |
| 11-12 | 17.5 | 14.4 | 12.2 | 12.5 | 11.7 | 11.5 | 12.0 | 11.6 | 10.9 | 5 |
| 13-15 | 8.4 | 4.5 | 5.1 | 5.9 | 6.4 | 6.1 | 6.0 | 6.3 | 6.3 | ¢ |
| 16-20 | 8.2 | 5.1 | 3.9 | 3.9 | 4.0 | 3.9 | 4.2 | 4.1 | 4.3 | 2 |
| $\geq 21$ | 1.2 | 0.9 | 0.9 | 0.8 | 1.0 | 1.1 | 1.5 | 1.3 | 1.3 |  |

${ }^{*}$ Number of legal induced abortions per 1000 live births.
${ }^{\dagger}$ Number of legal induced abortions per 1000 women aged 15-44 years.
${ }^{\S}$ Updated preliminary data. The number of areas reporting a given characteristic varied. For 1993, the number of areas reporting residence was 43; age, 44; race, 36; ethnicity, 23; marital status, 37; number of live births, 39 ; type of procedure, 41 ; and weeks of
TThe number of areas reporting a given characteristic varied. For 1994, the number of areas reporting residence
race, 37; ethnicity, 23; marital status, 36; number of live births, 39; type of procedure, 41; and weeks of gestation, 40 .
**Percentage distributions are based on known values in data from all areas reporting a given characteristic, except where the proportion of unknown values exceeded $15 \%$.
${ }^{\dagger} \dagger$ Reported as "other" race.
${ }^{\$ \$}$ For years 1972 and 1976, data indicate number of living children.
If Includes hysterotomy and hysterectomy.
*** Data are for 36 of 39 areas reporting weeks of gestation.
It Data are for 38 of 41 areas reporting weeks of gestation.
§§s Data are for 38 of 40 areas reporting weeks of gestation.

## Abortion Surveillance - Continued

FIGURE 1. Fertility rate* and abortion ratio ${ }^{\dagger}$ and rate ${ }^{\S}$, by year - United States, 1972-1994

*Live births per 1000 women aged $15-44$ years.
${ }^{\dagger}$ Number of legal induced abortions per 1000 live births.
${ }^{\S}$ Number of legal induced abortions per 1000 women aged $15-44$ years.

Editorial Note: During 1980-1994, the annual number of legal induced abortions in the United States varied by $\leq 5 \%$ (Table 1). However, since 1990 (the year in which the number of abortions was highest), the number of reported abortions has steadily decreased. In 1994, a total of $83 \%$ of reporting areas reported fewer abortions compared with 1993.

During 1972-1980, the national abortion rate increased each year; during 19811993, the rate remained stable, fluctuating between 22 and 24 per 1000 women of reproductive age (i.e., aged 15-44 years) (Figure 1). The 1994 rate of 21 was the lowest rate recorded since 1976 (3).

In 1994, the national ratio of abortions to live births ( 321 abortions per 1000 live births) was lower than for any year since 1976 (3). Factors that could have contributed to this decrease in the proportion of pregnancies that ended in an abortion include reduced access to abortion services, changes in attitudes about the decision to have an abortion or to carry a pregnancy to term, and the possibility that the number of unintended pregnancies has decreased (4-6).

The number of live births and the national fertility rate (number of live births per 1000 women of reproductive age) peaked in 1990 (Figure 1). Subsequent declines in the annual number of abortions and live births suggest decreases in the number of pregnancies each year in the United States. Although the actual number of women of

## Abortion Surveillance - Continued

reproductive age has increased by $12 \%$ since 1980 , the age distribution in this population has shifted toward the later, less fertile reproductive years (2). For example, the proportion of women of reproductive age who were aged $<30$ years (the age associated with the highest fertility) declined from $58 \%$ in 1980 to $46 \%$ in 1994 (Bureau of the Census, unpublished data, 1996), whereas women aged 35-44 years (the age associated with the lowest fertility) accounted for $25 \%$ of reproductive-aged women in 1980 and $35 \%$ in 1994.

Since 1992, most reporting areas have reported abortions by weeks of gestation for abortions performed at $\leq 8$ weeks. Because of the emergence of medical methods for terminating pregnancies primarily at $\leq 8$ weeks of gestation, these data will continue to be important for monitoring trends in legal abortions (7-10).

Many states emphasize the prevention of unintended pregnancy, particularly among teenagers. During 1994, the total number of legal induced abortions was available for all 52 reporting areas; however, approximately $26 \%$ of abortions were reported from states without centralized reporting, and these states could not provide information about characteristics (e.g., age or race) of women obtaining legal abortions. To assist efforts to prevent unintended pregnancy, each state needs an accurate assessment of abortion on an ongoing basis (including the number and characteristics of women obtaining legal abortions).

Additional statistical and epidemiologic information on legal induced abortions is available from CDC's automated Reproductive Health Information line, (404) 330-1230, which provides information by fax, by voice recordings, or through the mail.

## References

1. CDC. Abortion surveillance: preliminary data—United States, 1993. MMWR 1996;45:235-8.
2. NCHS. Advance report of final natality statistics, 1994. Hyattsville, Maryland: US Department of Health and Human Services, Public Health Service, CDC, 1996; DHHS publication no. (PHS)96-1120. (Monthly vital statistics report; vol 44, no. 11, suppl).
3. CDC. Abortion surveillance, 1976. Atlanta: US Department of Health and Human Services, Public Health Service, CDC, 1978.
4. Council on Scientific Affairs, American Medical Association. Induced termination of pregnancy before and after Roe v. Wade: trends in the mortality and morbidity of women. JAMA 1992;268:3231-9.
5. Henshaw SK. The accessibility of abortion services in the United States. Fam Plann Perspect 1991;23:246-52,263.
6. Henshaw SK, VanVort J. Abortion services in the United States, 1991 and 1992. Fam Plann Perspect 1994;26:100-6,112.
7. Peyron R, Aubeny E, Targosz V, et al. Early termination of pregnancy with mifepristone (RU 486) and the orally active prostaglandin misoprostol. N Engl J Med 1993;328:1509-13.
8. Winikoff B. Acceptability of medical abortion in early pregnancy. Fam Plann Perspect 1995;27:142-8,185.
9. Hausknecht RU. Methotrexate and misoprostol to terminate early pregnancy. N Engl J Med 1995;333:537-40.
10. Creinin MD, Vittinghoff E, Galbraith S, Klaisle C. A randomized trial comparing misoprostol three and seven days after methotrexate for early abortion. Am J Obstet Gynecol 1995:173:1578-84.

Notice to Readers

## Satellite Videoconference on Epidemiology and Vaccine-Preventable Diseases

Epidemiology and Prevention of Vaccine-Preventable Diseases, a live satellite videoconference, will be broadcast to sites nationwide from noon to 3:30 p.m. eastern standard time on February 20, February 27, March 6, and March 13, 1997, over the Public Health Training Network. Cosponsors are CDC, the Association of Schools of Public Health; the University of North Carolina at Chapel Hill School of Public Health; and the North Carolina Department of Environment, Health, and Natural Resources.

The four-module interactive videoconference will provide information about vac-cine-preventable diseases, including the changes in pertussis and poliovirus vaccine; vaccine management and safety; and standard vaccination practices. Registration information is available from state immunization coordinators; Pam Layh, telephone (919) 966-9136, e-mail pam_layh@unc.edu; or the World-Wide Web (includes state immunization coordinator contact information) at www.sph.unc.edu/cdlhc.

## Notice to Readers

## Satellite Videoconference on Pertussis and Poliovirus Vaccines

Update on Pertussis and Poliovirus Vaccines, a special segment of the Epidemiology and Prevention of Vaccine-Preventable Diseases live satellite videoconference series, will be broadcast to sites nationwide from noon to 3:30 p.m. eastern standard time on February 27, 1997, over the Public Health Training Network. Cosponsors are CDC, the Association of Schools of Public Health; the University of North Carolina at Chapel Hill School of Public Health; and the North Carolina Department of Environment, Health, and Natural Resources.

The interactive conference will cover the changes in pertussis and poliovirus vaccines, including discussion of the newly licensed acellular pertussis vaccines and recommendations about the new sequential inactivated poliovirus vaccine/oral poliovirus vaccine. Registration information is available from state immunization coordinators; Pam Layh, telephone (919) 966-9136, e-mail pam_layh@unc.edu; or the World-Wide Web (includes state immunization contact information) at www.sph. unc.edu/cdlhc.

Notice to Readers

## Availability of Surveillance Report on Work-Related Lung Diseases

CDC's National Institute for Occupational Safety and Health (NIOSH) has released the Work-Related Lung Disease (WoRLD) Surveillance Report, 1996. This report, the fourth in the series, summarizes occupational respiratory disease surveillance data, focusing on pneumoconiosis (asbestosis, coal workers' pneumoconiosis, silicosis, byssinosis, unspecified/other pneumoconioses) mortality surveillance. The report is organized into two sections-United States and States. The U.S. section updates pneumoconiosis mortality surveillance data presented in the 1994 WoRLD report, by incorporating new data for 1991 and 1992, and includes exposure data for asbestos, silica, coal mine dust and a combined pneumoconiotic agent category. The States section provides state-by-state profiles of pneumoconiosis mortality surveillance data and is intended to provide a snapshot of each state's pneumoconiosis mortality from 1968 to 1992.

Copies of the 1996 WoRLD report are available from Surveillance Section, Epidemiological Investigations Branch, Division of Respiratory Disease Studies, NIOSH, CDC, 1095 Willowdale Road, Morgantown, WV 26505-2888; fax (304) 2856111; e-mail world@niords1.em.cdc.gov.

## Erratum: Vol. 45, No. 51

In the article "Estimates of Retailers Willing to Sell Tobacco to Minors-California, August-September 1995 and June-July 1996," there was an error in table 1 on page 1098. In the total line, the percentage point change should have been $-7.7 \%$.

FIGURE I. Selected notifiable disease reports, comparison of provisional 4-week totals ending December 21, 1996, with historical data - United States

*Ratio of current 4-week total to mean of 154 -week totals (from previous, comparable, and subsequent 4 -week periods for the past 5 years). The point where the hatched area begins is based on the mean and two standard deviations of these 4-week totals.

TABLE I. Summary - provisional cases of selected notifiable diseases, United States, cumulative, week ending December 21, 1996 (51st Week)

|  | Cum. 1996 |  | Cum. 1996 |
| :---: | :---: | :---: | :---: |
| Anthrax | - | Plague | 5 |
| Brucellosis | 94 | Poliomyelitis, paralytic ${ }^{\text {® }}$ | - |
| Cholera | 4 | Psittacosis | 45 |
| Congenital rubella syndrome | 2 | Rabies, human | 2 |
| Cryptosporidiosis* | 2,361 | Rocky Mountain spotted fever (RMSF) | 741 |
| Diphtheria | 1 | Streptococcal toxic-shock syndrome* | 15 |
| Encephalitis: California* | 110 | Syphilis, congenital** | 225 |
| eastern equine* | 2 | Tetanus | 27 |
| St. Louis* | 1 | Toxic-shock syndrome | 133 |
| western equine* | - | Trichinosis | 17 |
| Hansen Disease | 112 | Typhoid fever | 352 |
| Hantavirus pulmonary syndrome* ${ }^{\text {H }}$ | 20 242 | Yellow fever ${ }^{\dagger \dagger}$ |  |

-: no reported cases

* Not notifiable in all states.

Updated weekly from reports to the Division of Viral and Rickettsial Diseases, National Center for Infectious Diseases (NCID).
§ Updated monthly to the Division of HIV/AIDS Prevention, National Center for HIV, STD, and TB Prevention (NCHSTP), last update November 26, 1996.
IThree suspected cases of polio with onset in 1996 has been reported to date.
** Updated quarterly from reports to the Division of STD Prevention, NCHSTP.
${ }^{\dagger \dagger}$ This fatal case of yellow fever is the first occurrence of this disease reported in the United States since 1924. The infection is presumed to have been acquired in Brazil.

TABLE II. Provisional cases of selected notifiable diseases, United States, weeks ending December 21, 1996, and December 23, 1995 (51st Week)

| Reporting Area | AIDS* |  | Chlamydia <br> Cum. <br> 1996 | Escherichia coli 0157:H7 |  | Gonorrhea |  | Hepatitis C/NA,NB |  | Legionellosis |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | NETSS $^{\dagger}{ }^{\text {P }}$ PHLIS ${ }^{\text { }}$ |  |  |  |  |  |  |
|  | $\begin{aligned} & \hline \text { Cum. } \\ & 1996 \end{aligned}$ | $\begin{aligned} & \hline \text { Cum. } \\ & 1995 \\ & \hline \end{aligned}$ |  | $\begin{aligned} & \hline \text { Cum. } \\ & 1996 \\ & \hline \end{aligned}$ | $\begin{gathered} \hline \text { Cum. } \\ 1996 \\ \hline \end{gathered}$ | $\begin{aligned} & \hline \text { Cum. } \\ & 1996 \end{aligned}$ | $\begin{aligned} & \hline \text { Cum. } \\ & 1995 \end{aligned}$ | $\begin{gathered} \hline \text { Cum. } \\ 1996 \end{gathered}$ | $\begin{aligned} & \hline \text { Cum. } \\ & 1995 \end{aligned}$ | $\begin{aligned} & \hline \text { Cum. } \\ & 1996 \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline \text { Cum. } \\ & 1995 \end{aligned}$ |
| UNITED STATES | 62,258 | 68,191 |  | 382,388 | $\begin{gathered} 1996 \\ \hline 2,705 \end{gathered}$ | $1,657$ | $298,462$ | $380,924$ | $3,252$ | 3,992 | $1,058$ | 1,113 |
| NEW ENGLAND | 2,551 | 3,138 | 16,109 | 339 | 203 | 6,844 | 7,442 | 115 | 125 | 80 | 38 |
| Maine | 42 | 82 | 897 | 22 | - | 56 | 93 | - | - | 5 | 6 |
| N.H. | 85 | 108 | 397 | 40 | 40 | 80 | 111 | 8 | 14 | 5 | 2 |
| Vt. | 19 | 28 | U | 35 | 33 | 47 | 69 | 39 | 14 | 5 | , |
| Mass. | 1,249 | 1,337 | 6,832 | 156 | 130 | 2,184 | 2,658 | 62 | 90 | 34 | 22 |
| R.I. | 167 | 211 | 1,793 | 16 | - | 480 | 537 | 6 | 7 | 31 | 7 |
| Conn. | 989 | 1,372 | 6,190 | 70 | - | 3,997 | 3,974 | - | - | N | N |
| MID. ATLANTIC | 17,328 | 18,869 | 44,124 | 223 | 44 | 36,385 | 43,167 | 307 | 493 | 238 | 201 |
| Upstate N.Y. | 2,385 | 2,254 | N | 148 | 17 | 6,559 | 8,954 | 238 | 268 | 77 | 56 |
| N.Y. City | 9,497 | 10,021 | 18,756 | 17 | - | 10,373 | 16,206 | 1 | 1 | 16 | 6 |
| N.J. | 3,353 | 4,311 | 8,156 | 58 | 5 | 7,484 | 5,594 | - | 185 | 15 | 33 |
| Pa . | 2,093 | 2,283 | 17,212 | N | 22 | 11,969 | 12,413 | 68 | 39 | 130 | 106 |
| E.N. CENTRAL | 4,733 | 5,045 | 78,530 | 575 | 432 | 54,836 | 75,747 | 447 | 351 | 299 | 337 |
| Ohio | 1,058 | 1,034 | 16,894 | 171 | 106 | 12,180 | 22,988 | 33 | 15 | 113 | 150 |
| Ind. | 548 | 494 | 10,216 | 89 | 55 | 6,572 | 8,677 | 9 | 14 | 46 | 80 |
| III. | 2,084 | 2,048 | 22,469 | 217 | 133 | 16,531 | 20,241 | 72 | 82 | 9 | 36 |
| Mich. | 788 | 1,131 | 19,995 | 98 | 73 | 15,128 | 17,521 | 333 | 240 | 107 | 35 |
| Wis. | 255 | 338 | 8,956 | N | 65 | 4,425 | 6,320 | - | - | 24 | 36 |
| W.N. CENTRAL | 1,443 | 1,547 | 27,310 | 600 | 362 | 12,202 | 19,443 | 149 | 89 | 65 | 75 |
| Minn. | 270 | 345 | 2,702 | 275 | 228 | U | 2,852 | 5 | 4 | 10 | 6 |
| Iowa | 82 | 104 | 4,165 | 125 | 101 | 1,144 | 1,477 | 77 | 14 | 11 | 21 |
| Mo. | 749 | 711 | 11,536 | 72 | - | 8,045 | 11,216 | 40 | 23 | 19 | 17 |
| N. Dak. | 11 | 5 | 922 | 17 | 17 | 33 | 35 | - | 6 | - | 3 |
| S. Dak. | 12 | 17 | 1,501 | 26 | - | 174 | 226 | - | 1 | 3 | 3 |
| Nebr. | 94 | 101 | 2,169 | 54 | 4 | 816 | 1,009 | 8 | 23 | 17 | 17 |
| Kans. | 225 | 264 | 4,315 | 31 | 12 | 1,990 | 2,628 | 19 | 18 | 5 | 8 |
| S. ATLANTIC | 15,559 | 17,213 | 53,234 | 141 | 73 | 93,657 | 106,461 | 247 | 241 | 172 | 166 |
| Del. | 264 | 302 | 1,148 | 2 | 2 | 1,419 | 2,189 | 1 | - | 11 | 2 |
| Md. | 2,164 | 2,559 | 6,730 | N | 8 | 14,334 | 13,627 | 5 | 7 | 34 | 27 |
| D.C. | 1,196 | 980 | N |  |  | 4,238 | 4,548 | - | - | 8 | 5 |
| Va . | 1,097 | 1,489 | 11,285 | N | 35 | 8,878 | 10,344 | 16 | 21 | 37 | 23 |
| W. Va. | 112 | 124 | 1 | N | 3 | 559 | 630 | 9 | 44 | 2 | 4 |
| N.C. | 830 | 963 | - | 45 | 17 | 18,085 | 23,357 | 46 | 63 | 12 | 33 |
| S.C. | 808 | 870 | - | 13 | 8 | 10,984 | 12,105 | 34 | 19 | 8 | 30 |
| Ga . | 2,293 | 2,173 | 11,642 | 32 | - | 17,650 | 19,414 | U | 15 | 3 | 14 |
| Fla. | 6,795 | 7,753 | 22,428 | 37 | - | 17,510 | 20,247 | 136 | 72 | 57 | 28 |
| E.S. CENTRAL | 2,089 | 2,107 | 30,613 | 77 | 63 | 33,706 | 39,877 | 559 | 960 | 53 | 55 |
| Ky. | 362 | 269 | 6,466 | 14 | 10 | 4,083 | 4,707 | 28 | 34 | 9 | 10 |
| Tenn. | 743 | 855 | 12,920 | 36 | 50 | 11,578 | 13,590 | 388 | 924 | 23 | 25 |
| Ala. | 569 | 560 | 8,280 | 15 | 3 | 13,143 | 16,144 | 9 | 2 | 4 | 8 |
| Miss. | 415 | 423 | U | 12 | - | 4,902 | 5,436 | 134 | U | 17 | 12 |
| W.S. CENTRAL | 6,313 | 5,994 | 48,691 | 81 | 14 | 34,537 | 52,157 | 467 | 380 | 35 | 22 |
| Ark. | 247 | 275 | 1,643 | 13 | 5 | 3,763 | 5,675 | 18 | 7 | 1 | 6 |
| La. | 1,375 | 998 | 7,276 | 7 | 4 | 8,062 | 10,436 | 222 | 211 | 2 | 3 |
| Okla. | 245 | 257 | 7,154 | 13 | 1 | 4,731 | 5,625 | 69 | 52 | 5 | 5 |
| Tex. | 4,446 | 4,464 | 32,618 | 48 | 4 | 17,981 | 30,421 | 158 | 110 | 27 | 8 |
| MOUNTAIN | 1,801 | 2,107 | 17,072 | 226 | 106 | 6,741 | 9,201 | 544 | 475 | 57 | 115 |
| Mont. | 34 | 22 | - | 27 | - | 34 | 68 | 19 | 17 | 1 | 4 |
| Idaho | 37 | 43 | 1,494 | 39 | 13 | 98 | 139 | 96 | 58 | - | 3 |
| Wyo. | 6 | 18 | 577 | 11 | 9 | 35 | 50 | 181 | 189 | 7 | 12 |
| Colo. | 463 | 629 | U | 85 | 43 | 1,077 | 2,735 | 63 | 66 | 10 | 41 |
| N. Mex. | 153 | 155 | 3,862 | 13 | 2 | 920 | 1,036 | 69 | 52 | 2 | 6 |
| Ariz. | 535 | 632 | 7,255 | N | 27 | 3,432 | 3,660 | 74 | 56 | 22 | 13 |
| Utah | 178 | 149 | 1,544 | 34 | - | 278 | 279 | 21 | 13 | 8 | 16 |
| Nev. | 395 | 459 | 2,340 | 17 | 12 | 867 | 1,234 | 21 | 24 | 7 | 20 |
| PACIFIC | 10,440 | 12,171 | 66,705 | 443 | 360 | 19,554 | 27,429 | 417 | 878 | 59 | 104 |
| Wash. | 642 | 848 | 8,962 | 171 | 164 | 1,976 | 2,701 | 51 | 213 | 6 | 21 |
| Oreg. | 439 | 451 | 5,147 | 94 | 67 | 643 | 807 | 9 | 37 | 1 | - |
| Calif. | 9,160 | 10,558 | 49,559 | 172 | 117 | 16,031 | 22,712 | 144 | 505 | 43 | 78 |
| Alaska | 30 | 63 | 1,286 | 6 | 3 | 440 | 652 | 3 | 3 | 1 | - |
| Hawaii | 169 | 251 | 1,751 | N | 9 | 464 | 557 | 210 | 120 | 8 | 5 |
| Guam | 4 | - | 177 | N | - | 32 | 95 | 1 | 6 | 2 | 1 |
| P.R. | 2,170 | 2,395 | N | 20 | U | 377 | 587 | 77 | 207 | - | - |
| V.I. | 18 | 31 | N | N | U | - | - | - | - | - | - |
| Amer. Samoa | - | - | - | N | U | - | 41 | - | - | - | - |
| C.N.M.I. | 1 | - | N | N | U | 11 | 51 | - | 5 | - | - |
| N : Not notifiable | U: U | vailable | -: no rep | orted cas |  | N.M.I.: Com | monwea | h of No | rn Mar | Island |  |
| *Updated month <br> November 26, 19 <br> ${ }^{\dagger}$ National Electron <br> ${ }^{\S}$ Public Health Lab | to the Telecom ratory | ivision <br> unicatio <br> mation | of HIV/AIDS s System fo System. | Prevent Surveilla | n, Nat ce. | al Cente | for HIV, | STD, | $\text { TB } \mathrm{Pr}$ | ntion, | upda |

TABLE II. (Cont'd.) Provisional cases of selected notifiable diseases, United States, weeks ending December 21, 1996, and December 23, 1995 (51st Week)

| Reporting Area | $\begin{gathered} \hline \text { Lyme } \\ \text { Disease } \end{gathered}$ |  | Malaria |  | Meningococcal Disease |  | Syphilis(Primary \& Secondary) |  | Tuberculosis |  | Rabies, Animal |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \hline \text { Cum. } \\ & 1996 \end{aligned}$ | $\begin{aligned} & \hline \text { Cum. } \\ & 1995 \end{aligned}$ | $\begin{gathered} \hline \text { Cum. } \\ 1996 \end{gathered}$ | $\begin{aligned} & \hline \text { Cum. } \\ & 1995 \end{aligned}$ | $\begin{gathered} \hline \text { Cum. } \\ 1996 \end{gathered}$ | $\begin{aligned} & \hline \text { Cum. } \\ & 1995 \end{aligned}$ | $\begin{gathered} \hline \text { Cum. } \\ 1996 \end{gathered}$ | $\begin{aligned} & \hline \text { Cum. } \\ & 1995 \end{aligned}$ | $\begin{gathered} \hline \text { Cum. } \\ 1996 \end{gathered}$ | $\begin{aligned} & \hline \text { Cum. } \\ & 1995 \end{aligned}$ | $\begin{gathered} \hline \text { Cum. } \\ 1996 \end{gathered}$ | $\begin{aligned} & \hline \text { Cum. } \\ & 1995 \end{aligned}$ |
| UNITED STATES | 13,659 | 10,986 | 1,520 | 1,292 | 3,122 | 2,932 | 10,764 | 15,999 | 18,705 | 20,789 | 6,600 | 7,407 |
| NEW ENGLAND | 3,917 | 2,032 | 73 | 49 | 155 | 148 | 186 | 347 | 422 | 514 | 721 | 1,437 |
| Maine | 54 | 32 | 10 | 7 | 17 | 15 | - | 2 | 16 | 23 | 121 | 46 |
| N.H. | 48 | 27 | 3 | 2 | 10 | 24 | 1 | 1 | 16 | 20 | 53 | 147 |
| Vt. | 15 | 9 | 8 | 1 | 4 | 11 | - | - | 1 | 4 | 133 | 174 |
| Mass. | 340 | 148 | 24 | 19 | 63 | 48 | 85 | 69 | 225 | 284 | 112 | 398 |
| R.I. | 523 | 336 | 10 | 4 | 16 | 6 | 4 | 4 | 32 | 48 | 37 | 317 |
| Conn. | 2,937 | 1,480 | 18 | 16 | 45 | 44 | 96 | 271 | 132 | 135 | 265 | 355 |
| MID. ATLANTIC | 8,408 | 7,274 | 395 | 375 | 299 | 350 | 454 | 846 | 3,550 | 4,180 | 1,434 | 1,904 |
| Upstate N.Y. | 4,491 | 3,707 | 84 | 67 | 85 | 99 | 72 | 80 | 435 | 512 | 1,063 | 1,150 |
| N.Y. City | 390 | 441 | 213 | 206 | 40 | 52 | 120 | 359 | 1,846 | 2,288 | , |  |
| N.J. | 1,906 | 1,644 | 67 | 72 | 79 | 73 | 144 | 173 | 735 | 778 | 138 | 325 |
| Pa . | 1,621 | 1,482 | 31 | 30 | 95 | 126 | 118 | 234 | 534 | 602 | 233 | 429 |
| E.N. CENTRAL | 83 | 441 | 152 | 160 | 426 | 402 | 1,461 | 2,758 | 1,945 | 1,980 | 91 | 101 |
| Ohio | 51 | 30 | 14 | 13 | 156 | 113 | +527 | 2,896 | 303 | 270 | 13 | 12 |
| Ind. | 29 | 19 | 14 | 20 | 61 | 60 | 206 | 331 | 184 | 173 | 8 | 14 |
| III. | 3 | 18 | 70 | 78 | 121 | 105 | 388 | 1,044 | 978 | 1,013 | 25 | 16 |
| Mich. |  | 5 | 39 | 26 | 46 | 72 | 176 | 292 | 373 | 424 | 31 | 41 |
| Wis. | U | 369 | 15 | 23 | 42 | 52 | 164 | 195 | 107 | 100 | 14 | 18 |
| W.N. CENTRAL | 224 | 232 | 48 | 31 | 253 | 187 | 333 | 704 | 481 | 578 | 513 | 376 |
| Minn. | 126 | 134 | 21 | 10 | 35 | 26 | 51 | 45 | 112 | 140 | 29 | 30 |
| Iowa | 20 | 16 | 4 | 3 | 56 | 30 | 21 | 45 | 68 | 66 | 236 | 137 |
| Mo. | 37 | 53 | 10 | 8 | 98 | 70 | 213 | 576 | 199 | 231 | 20 | 30 |
| N. Dak. | 1 | - | 1 | 2 | 5 | 2 | - | - | 6 | 5 | 71 | 28 |
| S. Dak. | - | - | - | 2 | 10 | 10 | - | - | 17 | 26 | 119 | 103 |
| Nebr. | 5 | 6 | 3 | 3 | 25 | 21 | 12 | 12 | 21 | 21 | 5 | 5 |
| Kans. | 35 | 23 | 9 | 3 | 24 | 28 | 36 | 26 | 58 | 89 | 33 | 43 |
| S. ATLANTIC | 717 | 697 | 308 | 249 | 616 | 498 | 3,728 | 4,035 | 3,431 | 3,700 | 2,737 | 2,163 |
| Del. | 105 | 53 | 4 | 1 | 2 | 6 | 35 | 19 | 30 | 56 | 76 | 92 |
| Md. | 428 | 443 | 85 | 63 | 70 | 42 | 655 | 520 | 291 | 395 | 618 | 434 |
| D.C. | 3 | 3 | 7 | 16 | 10 | 8 | 130 | 100 | 130 | 98 | 11 | 11 |
| Va . | 51 | 54 | 57 | 54 | 61 | 62 | 377 | 600 | 293 | 283 | 586 | 448 |
| W. Va. | 11 | 24 | 6 | 4 | 15 | 10 | 3 | 10 | 53 | 70 | 97 | 116 |
| N.C. | 65 | 83 | 30 | 18 | 77 | 83 | 1,114 | 1,118 | 551 | 517 | 696 | 463 |
| S.C. | 9 | 17 | 12 | 3 | 65 | 56 | 384 | 571 | 320 | 309 | 87 | 121 |
| Ga . | 1 | 14 | 27 | 37 | 138 | 109 | 669 | 721 | 603 | 683 | 298 | 273 |
| Fla. | 44 | 6 | 80 | 53 | 178 | 122 | 361 | 376 | 1,160 | 1,289 | 268 | 205 |
| E.S. CENTRAL | 74 | 72 | 37 | 27 | 230 | 215 | 2,288 | 3,326 | 1,221 | 1,435 | 217 | 283 |
| Ky. | 25 | 15 | 7 | 3 | 29 | 50 | 151 | 185 | 227 | 313 | 41 | 28 |
| Tenn. | 21 | 28 | 14 | 10 | 60 | 82 | 837 | 910 | 349 | 440 | 88 | 98 |
| Ala. | 7 | 12 | 8 | 11 | 89 | 45 | 528 | 656 | 420 | 414 | 84 | 148 |
| Miss. | 21 | 17 | 8 | 3 | 52 | 38 | 772 | 1,575 | 225 | 268 | 4 | 9 |
| W.S. CENTRAL | 121 | 115 | 64 | 49 | 333 | 359 | 1,653 | 3,195 | 2,410 | 3,078 | 401 | 562 |
| Ark. | 23 | 9 | - | 2 | 34 | 36 | , 234 | + 474 | 197 | -229 | 27 | 50 |
| La. | 8 | 9 | 7 | 6 | 58 | 61 | 493 | 994 | 235 | 399 | 17 | 42 |
| Okla. | 25 | 45 | - | 1 | 43 | 45 | 175 | 192 | 173 | 346 | 35 | 29 |
| Tex. | 65 | 52 | 57 | 40 | 198 | 217 | 751 | 1,535 | 1,805 | 2,104 | 322 | 441 |
| MOUNTAIN | 7 | 12 | 62 | 63 | 171 | 206 | 144 | 193 | 621 | 670 | 153 | 175 |
| Mont. | - | - | 7 | 3 | 6 | 4 | - | 4 | 14 | 10 | 24 | 44 |
| Idaho | 1 | - | - | 1 | 25 | 14 | 4 | - | 10 | 14 | - | 3 |
| Wyo. | 2 | 3 | 7 | - | 3 | 8 | 2 | 1 | 6 | 5 | 33 | 27 |
| Colo. | - |  | 26 | 26 | 41 | 48 | 23 | 99 | 78 | 92 | 42 | 9 |
| N. Mex. | 1 | 1 | 4 | 7 | 27 | 35 | 1 | 9 | 83 | 83 | 6 | 6 |
| Ariz. | - | 1 | 7 | 14 | 40 | 60 | 93 | 45 | 251 | 318 | 36 | 56 |
| Utah | 1 | 1 | 5 | 6 | 17 | 18 | 3 | 4 | 51 | 38 | 5 | 15 |
| Nev. | 2 | 6 | 6 | 6 | 12 | 19 | 18 | 31 | 128 | 110 | 7 | 15 |
| PACIFIC | 108 | 111 | 381 | 289 | 639 | 567 | 517 | 595 | 4,624 | 4,654 | 333 | 406 |
| Wash. | 18 | 10 | 21 | 21 | 101 | 97 | 6 | 15 | 231 | 271 | 6 | 15 |
| Oreg. | 19 | 19 | 23 | 19 | 119 | 106 | 12 | 22 | 168 | 149 | 5 | 4 |
| Calif. | 70 | 82 | 324 | 232 | 403 | 345 | 495 | 556 | 3,965 | 3,976 | 313 | 380 |
| Alaska | - | - | 3 | 5 | 10 | 15 | , | 2 | 70 | 73 | 9 | 7 |
| Hawaii | 1 | - | 10 | 12 | 6 | 4 | 4 | - | 190 | 185 | - | - |
| Guam | - | - | - | 2 | 1 | 3 | 3 | 8 | 35 | 112 | - | - |
| P.R. | - | - | 2 | 1 | 5 | 24 | 119 | 284 | 84 | 162 | 43 | 39 |
| V.I. | - | - |  | 2 | - | - | - |  |  |  |  |  |
| Amer. Samoa | - | - | - | - | - | - | - | - | - | 5 | - | - |
| C.N.M.I. | - | - | - | 1 | - | - | 1 | 9 | - | 41 | - | - |

N : Not notifiable

TABLE III. Provisional cases of selected notifiable diseases preventable by vaccination, United States, weeks ending December 21, 1996, and December 23, 1995 (51st Week)


TABLE III. (Cont'd.) Provisional cases of selected notifiable diseases preventable by vaccination, United States, weeks ending December 21, 1996, and December 23, 1995 (51st Week)

| Reporting Area | Measles (Rubeola), cont'd. <br> Total |  | Mumps |  |  | Pertussis |  |  | Rubella |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |  |
|  | $\begin{aligned} & \hline \text { Cum. } \\ & 1996 \end{aligned}$ | $\begin{aligned} & \hline \text { Cum. } \\ & 1995 \\ & \hline \end{aligned}$ | 1996 | $\begin{gathered} \hline \text { Cum. } \\ 1996 \\ \hline \end{gathered}$ | $\begin{aligned} & \hline \text { Cum. } \\ & 1995 \end{aligned}$ | 1996 | $\begin{gathered} \hline \text { Cum. } \\ 1996 \\ \hline \end{gathered}$ | $\begin{aligned} & \hline \text { Cum. } \\ & 1995 \end{aligned}$ | 1996 | $\begin{aligned} & \hline \text { Cum. } \\ & 1996 \end{aligned}$ | $\begin{aligned} & \hline \text { Cum. } \\ & 1995 \end{aligned}$ |
| UNITED STATES | 488 | 297 | 14 | 641 | 863 | 178 | 6,262 | 4,478 | 1 | 210 | 122 |
| NEW ENGLAND | 15 | 12 | 1 | 3 | 12 | 40 | 1,489 | 676 | - | 26 | 50 |
| Maine | - | - | - | - | 4 | - | 24 | 47 | - | - | - |
| N.H. | - | - | - | - | 1 | 8 | 165 | 55 | - | - | 1 |
| Vt. | 2 | - | - | - | - | 11 | 231 | 80 | - | 2 | - |
| Mass. | 12 | 5 | - | 2 | 3 | 20 | 1,001 | 458 | - | 20 | 10 |
| R.I. | - | 5 | 1 | 1 | 1 | - | 32 | 4 | - | - | - |
| Conn. | 1 | 2 | - | , | 3 | 1 | 36 | 32 | - | 4 | 39 |
| MID. ATLANTIC | 28 | 13 | 2 | 89 | 126 | 47 | 731 | 417 | - | 13 | 15 |
| Upstate N.Y. | - | 1 | 1 | 27 | 31 | 43 | 480 | 225 | - | 5 | 4 |
| N.Y. City | 12 | 5 | - | 17 | 16 | - | 48 | 56 | - | 5 | 8 |
| N.J. | 3 | 7 | - | 3 | 21 | - | 19 | 19 | - | 2 | 3 |
|  |  |  | 1 | 42 | 58 | 4 | 184 | 117 | - | 1 |  |
| E.N. CENTRAL | 14 | 15 | 6 | 104 | 170 | 14 | 597 | 593 | - | 3 | 4 |
| Ohio | 6 | 2 | 6 | 49 | 53 | 7 | 280 | 175 | - | - | - |
| Ind. | - | - |  | 8 | 9 | 1 | 94 | 59 | - | - | - |
| III. | 3 | 2 | - | 20 | 48 | 6 | 166 | 133 | - | 1 | - |
| Mich. | 3 | 5 | - | 26 | 60 |  | 52 | 99 | - | 2 | 4 |
| Wis. | 2 | 6 | - | 1 |  | - | 5 | 127 | - | - | - |
| W.N. CENTRAL | 23 | 3 | - | 19 | 47 | 36 | 456 | 253 | - | - | 1 |
| Minn. | 18 | - | - | 6 | 8 | 20 | 353 | 125 | - | - | - |
| lowa | 1 | - | - | 3 | 11 | 3 | 25 | 11 | - | - | - |
| Mo. | 3 | 2 | - | 7 | 23 | 7 | 54 | 61 | - | - | - |
| N. Dak. | - | - | - | 2 | 1 | - | 1 | 8 | - | - | - |
| S. Dak. | - | - | - | 2 | , | - | 4 | 12 | - | - | - |
| Nebr. | - | - | - | - | 4 | 6 | 15 | 14 | - | - | - |
| Kans. | 1 | 1 | U | 1 | - | U | 4 | 22 | U | - | 1 |
| S. ATLANTIC | 14 | 19 | 1 | 109 | 150 | 6 | 695 | 342 | - | 100 | 13 |
| Del. | 1 | - | - | - | - |  | 27 | 10 | - | , |  |
| Md. | 2 | 1 | 1 | 31 | 37 | 3 | 260 | 49 | - | - | 1 |
| D.C. | 1 | - | - | 1 |  | 1 | 5 | 6 | - | 2 | - |
| Va. | 3 | - | U | 16 | 25 | U | 99 | 31 | U | 2 | - |
| W. Va. | - | - | U | . | - | U | 6 | - | U | - | - |
| N.C. | 4 | - |  | 21 | 41 |  | 131 | 110 | - | 85 | 1 |
| S.C. | - | - | - | 7 | 11 | 1 | 49 | 27 | - | 1 | - |
| Ga. | 2 | 4 | - | 3 | 10 | - | 18 | 25 | - | - | - |
| Fla. | 1 | 14 | - | 30 | 26 | 1 | 100 | 84 | - | 10 | 11 |
| E.S. CENTRAL | 2 | - | - | 23 | 19 | 1 | 197 | 276 | - | 2 | 1 |
| Ky. | - | - | - | - | - | - | 140 | 26 | - | - | - |
| Tenn. | 2 | - | - | 3 | 5 | - | 21 | 209 | - | - | 1 |
| Ala. | - | - | - | 5 | 4 | 1 | 27 | 38 | - | 2 | - |
| Miss. | - | - | U | 15 | 10 | U | 9 | 3 | N | N | N |
| W.S. CENTRAL | 28 | 34 | 2 | 46 | 56 | 2 | 127 | 294 | - | 3 | 7 |
| Ark. | - | 2 | - | 1 | 7 | - | 10 | 39 | - | - | - |
| La. | - | 18 | - | 18 | 15 | - | 11 | 21 | - | 1 | - |
| Okla. | - | - | - | 1 | 1 | - | 19 | 31 | - | - | - |
| Tex. | 28 | 14 | 2 | 26 | 33 | 2 | 87 | 203 | - | 2 | 7 |
| MOUNTAIN | 159 | 70 | - | 22 | 31 | 16 | 462 | 681 | - | 7 | 4 |
| Mont. |  | - | - | - | 1 | - | 36 | 9 | - | - | - |
| Idaho | 2 | 2 | - | - | 4 | 2 | 110 | 107 | - | 2 | - |
| Wyo. | 1 | - | - | 1 | - | - | 8 | 1 | - | - | - |
| Colo. | 7 | 26 | N | 3 | 2 | 13 | 152 | 114 | - | 3 | - |
| N. Mex. | 17 | 31 | N | N | N | 1 | 62 | 147 | - | - | - |
| Ariz. | 8 | 10 | N | 1 | 2 | - | 29 | 155 | - | 1 | 3 |
| Utah | 119 |  | - | 2 | 11 | - | 24 | 31 | - | - | 1 |
| Nev. | 5 | 1 | - | 15 | 11 | - | 41 | 117 | - | 1 | - |
| PACIFIC | 205 | 131 | 2 | 226 | 252 | 16 | 1,508 | 946 | 1 | 56 | 27 |
| Wash. | 51 | 20 | 1 | 21 | 15 | 3 | 722 | 355 | - | 2 | 1 |
| Oreg. | 11 | 1 | - | - | - | - | 35 | 66 | - | 1 | - |
| Calif. | 46 | 108 | 1 | 173 | 211 | 13 | 718 | 464 | 1 | 50 | 21 |
| Alaska | 63 |  | - | 3 | 12 | - | 4 | 1 | - | 3 | 5 |
| Hawaii | 34 | 2 | - | 29 | 14 | - | 29 | 60 | - | 3 | 5 |
| Guam |  | - | U | 5 | 4 | U | 1 | 2 | U | - | 1 |
| P.R. | 8 | 3 | - | 1 | 3 | - | 1 | 2 | - | - | - |
| V.I. | - | - | U | - | 3 | U | - | - | U | - | - |
| Amer. Samoa | - | - | U | - | - | U | - | - | U | - | - |
| C.N.M.I. | - | - | U | - | 1 | U | - | - | U | - | - |

TABLE IV. Deaths in 121 U.S. cities,* week ending December 21, 1996 (51st Week)

| Reporting Area | All Causes, By Age (Years) |  |  |  |  |  | P\&I ${ }^{\dagger}$ Total | Reporting Area | All Causes, By Age (Years) |  |  |  |  |  | P\& ${ }^{\dagger}$ Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { All } \\ \text { Ages } \end{gathered}$ | >65 | 45-64 | 25-44 | 1-24 | <1 |  |  | $\begin{gathered} \text { All } \\ \text { Ages } \end{gathered}$ | >65 | 45-64 | 25-44 | 1-24 | <1 |  |
| NEW ENGLAND | 720 | 550 | 107 | 37 | 14 | 12 | 71 | S. ATLANTIC | 1,455 | 926 | 284 | 148 | 54 | 42 | 67 |
| Boston, Mass. | 164 | 111 | 40 | 6 | 4 | 3 | 8 | Atlanta, Ga. | 221 | 123 | 52 | 34 | 9 | 3 | 4 |
| Bridgeport, Conn. | 51 | 40 | 7 | 2 | 1 | 1 | 3 | Baltimore, Md. | 213 | 132 | 44 | 28 | 4 | 5 | 15 |
| Cambridge, Mass. | 15 | 12 | 1 | 2 |  | - | 2 | Charlotte, N.C. | 100 | 55 | 27 | 13 | 4 | 1 | 3 |
| Fall River, Mass. | 32 | 27 | 3 | 1 | 1 | - |  | Jacksonville, Fla. | 168 | 120 | 28 | 13 | 2 | 4 | 3 |
| Hartford, Conn. | 70 | 52 | 8 | 6 | 3 | 1 | 2 | Miami, Fla. | 111 | 77 | 15 | 10 | 4 | 5 | 1 |
| Lowell, Mass. | 38 | 27 | 8 | 2 | - | 1 | 4 | Norfolk, Va. | 73 | 53 | 10 | 5 | 3 | 2 | 5 |
| Lynn, Mass. | 14 | 12 | 1 | 1 |  | - | 3 | Richmond, Va. | 94 | 59 | 21 | 9 | - | 5 | 10 |
| New Bedford, Mass. | 32 | 28 | 1 | 3 | - | - | 1 | Savannah, Ga. | 49 | 36 | 8 | 3 | - | 2 | 4 |
| New Haven, Conn. | 48 | 36 | 6 | 3 | 3 | $\overline{-}$ | 9 | St. Petersburg, Fla. | 47 | 35 | 9 | 2 | - | 1 | 1 |
| Providence, R.I. | 80 | 67 | 10 | 1 |  | 2 | 12 | Tampa, Fla. | 185 | 130 | 27 | 13 | 12 | 3 | 18 |
| Somerville, Mass. | 11 | 9 | 1 |  | 1 | - | 3 | Washington, D.C. | 169 | 86 | 40 | 16 | 16 | 11 | 3 |
| Springfield, Mass. | 55 | 39 | 9 | 6 |  | 1 | 10 | Wilmington, Del. | 25 | 20 | 3 | 2 | - |  | - |
| Waterbury, Conn. | 29 | 22 | 3 | 2 | 1 | 1 | 3 |  |  |  |  |  |  |  |  |
| Worcester, Mass. | 81 | 68 | 9 | 2 | - | 2 | 11 | E.S. CENTRAL <br> Birmingham, Ala. | 698 | 474 85 | 142 36 | 53 11 | 18 | 9 2 | 41 |
| MID. ATLANTIC | 2,764 | 1,931 | 513 | 230 | 52 | 37 | 184 | Chattanooga, Tenn. | 108 | 83 | 19 | 5 | - | 1 | 15 |
| Albany, N.Y. | 51 | 39 | 7 | 2 | 1 | 2 | 2 | Knoxville, Tenn. | 71 | 55 | 9 | 4 | 3 | - | 7 |
| Allentown, Pa. | 25 | 20 | 4 | - | 1 | - |  | Lexington, Ky. | 22 | 15 | 6 | - | 1 | - |  |
| Buffalo, N.Y. | 106 | 81 | 13 | 10 | 1 | 1 | 8 | Memphis, Tenn. | 126 | 84 | 26 | 11 | 3 | 2 | 4 |
| Camden, N.J. | 33 | 20 | 4 | 4 | 3 | 2 | 4 | Mobile, Ala. | 59 | 43 | 9 | 4 | 3 |  |  |
| Elizabeth, N.J. | 23 | 13 | 5 | 4 | 1 | - | 1 | Montgomery, Ala. | 46 | 29 | 9 | 4 | 2 | 2 | 3 |
| Erie, Pa.s | 52 | 43 | 7 | 2 |  |  | 4 | Nashville, Tenn. | 130 | 80 | 28 | 14 | 6 | 2 | 7 |
| Jersey City, N.J. | 40 | 20 | 9 | 7 | 2 | 2 |  |  |  |  |  |  |  |  |  |
| New York City, N.Y. | 1,587 | 1,085 | 324 | 131 | 27 | 20 | 90 | W.S. CENTRAL Austin, Tex. | 1,386 78 | 919 50 | 254 | 150 14 | 34 | 29 | 89 |
| Newark, N.J. Paterson, N.J. | 61 26 | 26 | 17 5 | 13 | 3 | 2 | 7 | Austin, Tex. Baton Rouge, La. | 78 45 | 50 32 | 12 7 | 14 3 | 2 | 2 | 3 1 |
| Paterson, N.J. Philadelphia, Pa. | 26 300 | 192 | 5 50 | 1 42 | 10 | 5 | $\underline{15}$ | Baton Rougge, La. Corpus Christi, Tex. | 45 | 32 41 | $\begin{array}{r}7 \\ 12 \\ \hline\end{array}$ | 3 4 | 1 | 2 | 1 |
| Pittsburgh, Pa.§ | 87 | 63 | 19 | 4 | 10 | 1 | 9 | Dallas, Tex. | 203 | 133 | 39 | 26 | 5 |  | 4 |
| Reading, Pa. | 16 | 15 | 1 | - | - | - | 9 | El Paso, Tex. | 101 | 74 | 10 | 13 | 3 | 1 | 8 |
| Rochester, N.Y. | 116 | 94 | 14 | 6 | 1 | 1 | 14 | Ft. Worth, Tex. | 65 | 38 | 17 | 4 | 3 | 3 | 2 |
| Schenectady, N.Y. | 26 | 19 | 7 | - | - | - | 2 | Houston, Tex. | 374 | 235 | 75 | 46 | 11 | 7 | 32 |
| Scranton, Pa.§ | 39 | 33 | 5 | 1 | - | - | 2 | Little Rock, Ark. | 55 | 35 | 9 | 5 | 1 | 5 | 7 |
| Syracuse, N.Y. | 97 | 84 | 8 | 2 | 2 | 1 | 9 | New Orleans, La. | U | U | U | U | U | U | U |
| Trenton, N.J. | 33 | 25 | 7 | 1 | - | - | 5 | San Antonio, Tex. | 199 | 141 | 33 | 18 | 4 | 3 | 11 |
| Utica, N.Y. | 17 | 15 | 2 | - | - | - | - | Shreveport, La. | 74 | 54 | 12 | 5 | 2 | 5 | 10 |
| Yonkers, N.Y. | 29 | 24 | 5 | - | - | - | 1 | Tulsa, Okla. | 132 | 86 | 28 | 12 | 1 | 5 | 7 |
| E.N. CENTRAL | 2,148 | 1,482 | 433 | 126 | 60 | 47 | 146 | MOUNTAIN | 1,060 | 741 | 199 | 77 | 28 | 15 | 99 |
| Akron, Ohio | 61 | 1, 51 | 5 | 3 | 0 | 2 |  | Albuquerque, N.M. | 119 | 80 | 24 | 10 | 1 | 4 | 5 |
| Canton, Ohio | 47 | 39 | 6 | 2 | - | - | 5 | Colo. Springs, Colo. | 72 | 48 | 12 | 6 | 4 | 2 | 8 |
| Chicago, III. | 382 | 224 | 93 | 35 | 19 | 11 | 30 | Denver, Colo. | 154 | 118 | 22 | 12 |  | 5 | 22 |
| Cincinnati, Ohio | 83 | 58 | 17 | 5 | 1 | 2 | 9 | Las Vegas, Nev. | 215 | 144 | 43 | 15 | 8 | 5 | 13 |
| Cleveland, Ohio | 147 | 95 | 29 | 13 | 4 | 6 | 4 | Ogden, Utah | 20 | 13 | 5 | 18 | 1 | - | 4 |
| Columbus, Ohio | 211 | 152 | 43 | 7 | 5 | 4 | 12 | Phoenix, Ariz. | 199 | 126 | 49 | 18 | 5 | 1 | 15 |
| Dayton, Ohio | 133 | 102 | 25 | 3 | 2 | 1 | 7 | Pueblo, Colo. | 23 | 18 | 4 | 1 | 7 | 2 | 2 |
| Detroit, Mich. | 232 | 136 | 63 | 21 | 6 | 6 | 8 | Salt Lake City, Utah | 113 | 75 | 20 | 9 | 7 | 2 | 13 |
| Evansville, Ind. | 68 | 54 | 10 | 1 | 1 | 2 | 3 | Tucson, Ariz. | 145 | 119 | 20 | 5 | 1 |  | 17 |
| Fort Wayne, Ind. | 61 | 47 | 13 | - | 1 | U | 5 | PACIFIC | 1,548 | 1,085 | 264 | 125 | 33 | 39 | 139 |
| Gary, Ind. | U | U | U | U | U | U | U | Berkeley, Calif. | 1,548 | 15 | 2 | 125 | - | - | 2 |
| Grand Rapids, Mich. | 76 | 56 | 9 | 6 | 1 | 4 | 10 | Fresno, Calif. | 106 | 61 | 21 | 13 | 4 | 7 | 6 |
| Indianapolis, Ind. | 217 | 150 | 41 | 13 | 11 | 2 | 10 | Glendale, Calif. | 17 | 14 | 2 | 1 | - | - | 3 |
| Madison, Wis. | 57 | 43 | 10 | 3 | 1 | - | 9 | Honolulu, Hawaii | 86 | 64 | 15 | 3 | 1 | 3 | 8 |
| Milwaukee, Wis. | 56 | 43 | 9 | 2 | 2 | $\overline{7}$ | 16 | Long Beach, Calif. | 74 | 56 | 14 | 2 | 2 | - | 13 |
| Peoria, III. | 53 | 36 | 12 | 1 | 3 | 1 | 2 | Los Angeles, Calif. | 250 | 174 | 43 | 19 | 7 | 7 | 13 |
| Rockford, III. | 52 | 42 | 8 | - | 2 | 4 | 4 | Pasadena, Calif. | 27 | 22 | 3 | 1 | 1 | - | 5 |
| South Bend, Ind. | 54 | 40 | 8 | 2 |  | 4 | 4 | Portland, Oreg. | 145 | 116 | 18 | 8 | 1 | 2 | 14 |
| Toledo, Ohio | 100 | 75 | 20 | 3 | 1 | 2 | 4 | Sacramento, Calif. | U | U | U | U | U | U | U |
| Youngstown, Ohio | 58 | 39 | 12 | 6 | 1 | - | 4 | San Diego, Calif. | 152 | 92 | 34 | 13 | 5 |  | 11 |
| W.N. CENTRAL | 961 | 694 | 156 | 60 | 20 | 25 | 55 | San Francisco, Calif. | 157 | 114 | 28 | 11 | 1 | 3 | 21 |
| Des Moines, lowa | 67 | 50 | 12 | 4 | 1 | - | 8 | San Jose, Calif. | 151 38 | 101 | 31 | 13 | 1 | 5 | 16 |
| Duluth, Minn. | 27 | 23 | 3 | 4 | 2 | 1 | 1 | Santa Cruz, Calif. Seattle, Wash. | 38 168 | 31 117 | 22 | + 17 | 8 | 4 | 4 14 |
| Kansas City, Kans. | 42 | 31 | 5 | 4 | 2 | - | - | Seattle, Wash. Spokane, Wash. | 168 59 | 117 42 | 22 | 17 | 8 | 4 | 14 5 |
| Kansas City, Mo. | 118 | 87 | 15 | 8 | 2 | - | 6 | Spokane, Wash. | 101 | 42 66 | 12 | 4 15 | 2 | 1 | 5 4 |
| Lincoln, Nebr. | 37 | 28 | 7 | 1 |  | 1 | 2 |  | 101 | 66 | 17 | 15 | 2 | 1 |  |
| Minneapolis, Minn. | 257 | 186 | 45 | 16 | 3 | 7 | 21 | TOTAL | 12,740 ${ }^{\text {f }}$ | 8,802 | 2,352 | 1,006 | 313 | 255 | 891 |
| Omaha, Nebr. St. Louis, Mo. | 101 | 69 | 17 | 10 | 1 | 4 | 7 |  |  |  |  |  |  |  |  |
| St. Louis, Mo. | 152 | 108 | 26 | 6 | 5 | 7 | 2 |  |  |  |  |  |  |  |  |
| St. Paul, Minn. | 69 | 51 | 11 | 5 | 1 | 1 | 2 |  |  |  |  |  |  |  |  |
| Wichita, Kans. | 91 | 61 | 15 | 6 | 5 | 4 | 6 |  |  |  |  |  |  |  |  |

*Mortality data in this table are voluntarily reported from 121 cities in the United States, most of which have populations of 100,000 or more. A death is reported by the place of its occurrence and by the week that the death certificate was filed. Fetal deaths are not included.
${ }^{\dagger}$ Pneumonia and influenza.
${ }^{\S}$ Because of changes in reporting methods in these 3 Pennsylvania cities, these numbers are partial counts for the current week. Complete counts will be available in 4 to 6 weeks.
TTotal includes unknown ages.

MMWR

FIGURE I. Selected notifiable disease reports, comparison of provisional 4-week totals ending December 28, 1996, with historical data - United States

*Ratio of current 4-week total to mean of 154 -week totals (from previous, comparable, and subsequent 4 -week periods for the past 5 years). The point where the hatched area begins is based on the mean and two standard deviations of these 4-week totals.

TABLE I. Summary - provisional cases of selected notifiable diseases, United States, cumulative, week ending December 28, 1996 (52nd Week)

|  | Cum. 1996 |  | Cum. 1996 |
| :---: | :---: | :---: | :---: |
| Anthrax | - | Plague | 5 |
| Brucellosis | 94 | Poliomyelitis, paralytic ${ }^{\text {f }}$ | - |
| Cholera | 4 | Psittacosis | 45 |
| Congenital rubella syndrome | 2 | Rabies, human | 2 |
| Cryptosporidiosis* | 2,393 | Rocky Mountain spotted fever (RMSF) | 745 |
| Diphtheria | 1 | Streptococcal toxic-shock syndrome* | 16 |
| Encephalitis: California* | 111 | Syphilis, congenital** | 225 |
| eastern equine* | 2 | Tetanus | 27 |
| St. Louis* | 1 | Toxic-shock syndrome | 136 |
| western equine* | - | Trichinosis | 17 |
| Hansen Disease | 113 | Typhoid fever | 355 |
| Hantavirus pulmonary syndrome** HIV infection, pediatric*s | 20 257 | Yellow fever ${ }^{\dagger \dagger}$ | 1 |

-: no reported cases

* Not notifiable in all states.

Updated weekly from reports to the Division of Viral and Rickettsial Diseases, National Center for Infectious Diseases (NCID),
§ Updated monthly to the Division of HIV/AIDS Prevention, National Center for HIV, STD, and TB Prevention (NCHSTP), last update December 17, 1996.
IThree suspected cases of polio with onset in 1996 has been reported to date.
** Updated quarterly from reports to the Division of STD Prevention, NCHSTP.
${ }^{\dagger \dagger}$ This fatal case of yellow fever is the first occurrence of this disease reported in the United States since 1924. The infection is presumed to have been acquired in Brazil.

TABLE II. Provisional cases of selected notifiable diseases, United States, weeks ending December 28, 1996, and December 30, 1995 (52nd Week)

| Reporting Area | AIDS* |  | Chlamydia <br> Cum. <br> 1996 | Escherichia coli 0157:H7 |  | Gonorrhea |  | Hepatitis C/NA,NB |  | Legionellosis |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | NETSS ${ }^{\dagger}$ | PHLIS ${ }^{\text {5 }}$ |  |  |  |  |  |  |
|  | $\begin{gathered} \hline \text { Cum. } \\ 1996 \end{gathered}$ | $\begin{aligned} & \hline \text { Cum. } \\ & 1995 \end{aligned}$ |  | $\begin{gathered} \hline \text { Cum. } \\ 1996 \end{gathered}$ | $\begin{aligned} & \hline \text { Cum. } \\ & 1996 \end{aligned}$ | $\begin{gathered} \hline \text { Cum. } \\ 1996 \end{gathered}$ | $\begin{aligned} & \hline \text { Cum. } \\ & 1995 \end{aligned}$ | $\begin{gathered} \hline \text { Cum. } \\ 1996 \end{gathered}$ | $\begin{gathered} \hline \text { Cum. } \\ 1995 \end{gathered}$ | $\begin{aligned} & \hline \text { Cum. } \\ & 1996 \end{aligned}$ | $\begin{aligned} & \hline \text { Cum. } \\ & 1995 \end{aligned}$ |
| UNITED STATES | 65,475 | 71,210 |  | 390,896 | 2,726 | 1,657 | 308,737 | 393,168 | 3,321 | 4,576 | 1,079 | 1,241 |
| NEW ENGLAND | 2,752 | 3,598 | 16,209 | 340 | 203 | 6,870 | 7,533 | 115 | 142 | 80 | 41 |
| Maine | 49 | 130 | 916 | 22 |  | 57 | 95 |  |  | 5 | 6 |
| N.H. | 93 | 110 | 397 | 40 | 40 | 80 | 111 | 8 | 14 | 5 | 2 |
| Vt . | 19 | 42 | U | 36 | 33 | 47 | 69 | 39 | 14 | 5 | 2 |
| Mass. | 1,307 | 1,440 | 6,874 | 156 | 130 | 2,203 | 2,658 | 62 | 106 | 34 | 24 |
| R.I. | 172 | 222 | 1,832 | 16 | - | 486 | 545 | 6 | 8 | 31 | 7 |
| Conn. | 1,112 | 1,654 | 6,190 | 70 | - | 3,997 | 4,055 | - | - | N | N |
| MID. ATLANTIC | 18,077 | 19,162 | 44,190 | 225 | 44 | 36,583 | 44,283 | 310 | 590 | 238 | 226 |
| Upstate N.Y. | 2,421 | 2,355 | N | 149 | 17 | 6,748 | 9,583 | 240 | 341 | 77 | 65 |
| N.Y. City | 9,952 | 10,032 | 18,756 | 17 | - | 10,373 | 16,282 | 1 | 1 | 16 | 6 |
| N.J. | 3,542 | 4,407 | 8,222 | 59 | 5 | 7,493 | 5,741 | - | 189 | 15 | 33 |
| Pa. | 2,162 | 2,368 | 17,212 | N | 22 | 11,969 | 12,677 | 69 | 59 | 130 | 122 |
| E.N. CENTRAL | 5,058 | 5,389 | 79,066 | 578 | 432 | 54,995 | 77,342 | 454 | 358 | 308 | 341 |
| Ohio | 1,123 | 1,104 | 17,030 | 172 | 106 | 12,180 | 23,176 | 35 | 15 | 116 | 151 |
| Ind. | 596 | 523 | 10,216 | 89 | 55 | 6,572 | 9,134 | 9 | 14 | 46 | 81 |
| III. | 2,198 | 2,218 | 22,580 | 218 | 133 | 16,548 | 20,515 | 75 | 86 | 9 | 36 |
| Mich. | 878 | 1,195 | 20,277 | 99 | 73 | 15,267 | 18,117 | 335 | 243 | 107 | 35 |
| Wis. | 263 | 349 | 8,963 | N | 65 | 4,428 | 6,400 | - | - | 30 | 38 |
| W.N. CENTRAL | 1,548 | 1,710 | 27,515 | 602 | 362 | 12,299 | 20,187 | 156 | 91 | 66 | 121 |
| Minn. | 304 | 366 | 2,702 | 275 | 228 | U | 2,852 | 7 | 4 | 10 | 49 |
| lowa | 92 | 116 | 4,165 | 126 | 101 | 1,144 | 1,723 | 81 | 15 | 11 | 21 |
| Mo. | 799 | 787 | 11,691 | 72 | - | 8,132 | 11,303 | 40 | 23 | 19 | 19 |
| N. Dak. | 12 | 5 | 925 | 17 | 17 | 33 | 35 | - | 7 | - | 3 |
| S. Dak. | 14 | 18 | 1,504 | 26 | - | 172 | 244 | - | 1 | 3 | 3 |
| Nebr. | 94 | 114 | 2,169 | 54 | 4 | 816 | 1,233 | 8 | 23 | 17 | 18 |
| Kans. | 233 | 304 | 4,359 | 32 | 12 | 2,002 | 2,797 | 20 | 18 | 6 | 8 |
| S. ATLANTIC | 16,240 | 17,942 | 54,111 | 144 | 73 | 95,044 | 112,972 | 251 | 316 | 177 | 199 |
| Del. | 285 | 316 | 1,148 | 2 | 2 | 1,419 | 2,201 | 1 | - | 11 | 2 |
| Md. | 2,239 | 2,567 | 6,889 | N | 8 | 14,835 | 13,931 | 5 | 7 | 34 | 29 |
| D.C. | 1,200 | 1,030 | N | - | - | 4,336 | 4,548 | - | - | 10 | 5 |
| Va . | 1,146 | 1,607 | 11,652 | N | 35 | 9,203 | 10,344 | 16 | 21 | 39 | 28 |
| W. Va. | 121 | 125 | 1 | N | 3 | 559 | 652 | 9 | 44 | 2 | 4 |
| N.C. | 895 | 1,002 | - | 47 | 17 | 18,252 | 28,490 | 46 | 64 | 12 | 34 |
| S.C. | 848 | 977 | - ${ }^{-}$ | 13 | 8 | 10,984 | 12,105 | 34 | 21 | 8 | 30 |
| Ga . | 2,410 | 2,309 | 11,642 | 32 | - | 17,671 | 19,825 | U | 28 | 3 | 19 |
| Fla. | 7,096 | 8,009 | 22,779 | 38 | - | 17,785 | 20,876 | 140 | 131 | 58 | 48 |
| E.S. CENTRAL | 2,283 | 2,268 | 35,631 | 77 | 63 | 41,749 | 40,235 | 569 | 1,020 | 54 | 56 |
| Ky. | 401 | 297 | 6,597 | 14 | 10 | 4,162 | 4,760 | 28 | 34 | 9 | 10 |
| Tenn. | 826 | 894 | 12,920 | 36 | 50 | 11,578 | 13,894 | 388 | 983 | 23 | 26 |
| Ala. | 606 | 637 | 13,167 | 15 | 3 | 21,107 | 16,145 | 9 | 3 | 5 | 8 |
| Miss. | 450 | 440 | U | 12 | - | 4,902 | 5,436 | 144 | U | 17 | 12 |
| W.S. CENTRAL | 6,808 | 6,121 | 48,768 | 82 | 14 | 34,643 | 52,724 | 494 | 631 | 35 | 32 |
| Ark. | 269 | 277 | 1,663 | 13 | 5 | 3,813 | 5,743 | 18 | 8 | 1 | 8 |
| La. | 1,449 | 1,083 | 7,276 | 7 | 4 | 8,062 | 10,436 | 244 | 222 | 2 | 3 |
| Okla. | 262 | 295 | 7,211 | 14 | 1 | 4,787 | 5,652 | 69 | 54 | 5 | 8 |
| Tex. | 4,828 | 4,466 | 32,618 | 48 | 4 | 17,981 | 30,893 | 163 | 347 | 27 | 13 |
| MOUNTAIN | 2,002 | 2,260 | 17,308 | 229 | 106 | 6,824 | 9,509 | 554 | 519 | 58 | 116 |
| Mont. | 34 | 25 | - | 27 | - | 34 | 71 | 19 | 18 | 1 | 4 |
| Idaho | 39 | 48 | 1,505 | 40 | 13 | 98 | 140 | 98 | 58 | - | 3 |
| Wyo. | 7 | 18 | 592 | 11 | 9 | 36 | 50 | 186 | 223 | 7 | 12 |
| Colo. | 508 | 672 | U | 86 | 43 | 1,077 | 2,803 | 63 | 69 | 11 | 42 |
| N. Mex. | 204 | 164 | 3,862 | 14 | 2 | 920 | 1,067 | 69 | 53 | 2 | 6 |
| Ariz. | 593 | 675 | 7,354 | N | 27 | 3,480 | 3,841 | 77 | 59 | 22 | 13 |
| Utah | 190 | 164 | 1,555 | 34 | - | 279 | 280 | 21 | 13 | 8 | 16 |
| Nev. | 427 | 494 | 2,440 | 17 | 12 | 900 | 1,257 | 21 | 26 | 7 | 20 |
| PACIFIC | 10,706 | 12,760 | 68,098 | 449 | 360 | 19,730 | 28,383 | 418 | 909 | 63 | 109 |
| Wash. | 768 | 884 | 9,004 | 171 | 164 | 1,982 | 2,765 | 51 | 234 | 6 | 22 |
| Oreg. | 462 | 458 | 5,250 | 96 | 67 | 649 | 854 | 9 | 37 | 1 | - |
| Calif. | 9,250 | 11,090 | 50,738 | 176 | 117 | 16,176 | 23,539 | 144 | 511 | 47 | 82 |
| Alaska | 30 | 69 | 1,331 | 6 | 3 | 454 | 660 | 3 | 3 | 1 |  |
| Hawaii | 196 | 259 | 1,775 | N | 9 | 469 | 565 | 211 | 124 | 8 | 5 |
| Guam | 4 | - | 177 | N | - | 32 | 96 | 1 | 6 | 2 | 1 |
| P.R. | 2,242 | 2,585 | N | 21 | U | 395 | 596 | 77 | 216 | - | - |
| V.I. | 18 | 39 | N | N | U | - | , | - | - | - | - |
| Amer. Samoa | - | - | - | N | U | - | 41 | - | - | - | - |
| C.N.M.I. | 1 | - | N | N | U | 11 | 51 | - | 5 | - | - |
| N : Not notifiable | U: Unavailable -: no reported cases |  |  |  |  | .N.M.I.: Commonwealth of Northern Mariana Islands |  |  |  |  |  |
| *Updated monthly to the Division of HIV/AIDS Prevention, National Center for HIV, STD, and TB Prevention, last update December 24, 199† National Electronic Telecommunications System for Surveillance.§Public Health Laboratory Information System. |  |  |  |  |  |  |  |  |  |  |  |

TABLE II. (Cont'd.) Provisional cases of selected notifiable diseases, United States, weeks ending December 28, 1996, and December 30, 1995 (52nd Week)

| Reporting Area | $\begin{gathered} \hline \text { Lyme } \\ \text { Disease } \end{gathered}$ |  | Malaria |  | Meningococcal Disease |  | Syphilis(Primary \& Secondary) |  | Tuberculosis |  | Rabies, Animal |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \hline \text { Cum. } \\ & 1996 \end{aligned}$ | $\begin{aligned} & \hline \text { Cum. } \\ & 1995 \end{aligned}$ | $\begin{gathered} \hline \text { Cum. } \\ 1996 \end{gathered}$ | $\begin{gathered} \hline \text { Cum. } \\ 1995 \end{gathered}$ | $\begin{gathered} \hline \text { Cum. } \\ 1996 \end{gathered}$ | $\begin{aligned} & \hline \text { Cum. } \\ & 1995 \end{aligned}$ | $\begin{aligned} & \hline \text { Cum. } \\ & 1996 \end{aligned}$ | $\begin{aligned} & \hline \text { Cum. } \\ & 1995 \end{aligned}$ | $\begin{gathered} \hline \text { Cum. } \\ 1996 \end{gathered}$ | $\begin{aligned} & \hline \text { Cum. } \\ & 1995 \end{aligned}$ | $\begin{aligned} & \hline \text { Cum. } \\ & 1996 \end{aligned}$ | $\begin{aligned} & \hline \text { Cum. } \\ & 1995 \end{aligned}$ |
| UNITED STATES | 13,807 | 11,700 | 1,542 | 1,419 | 3,176 | 3,243 | 11,110 | 16,225 | 19,096 | 22,352 | 6,676 | 7,811 |
| NEW ENGLAND | 3,935 | 2,164 | 74 | 52 | 157 | 165 | 187 | 350 | 446 | 564 | 728 | 1,512 |
| Maine | 55 | 45 | 10 | 7 | 17 | 17 | 1 | 2 | 16 | 23 | 125 | 101 |
| N.H. | 48 | 28 | 4 | 2 | 11 | 29 | 1 | 1 | 21 | 23 | 53 | 152 |
| Vt. | 16 | 9 | 8 | 1 | 4 | 11 | - | - | 4 | 4 | 134 | 179 |
| Mass. | 342 | 189 | 24 | 21 | 64 | 51 | 85 | 69 | 234 | 330 | 114 | 401 |
| R.I. | 537 | 345 | 10 | 4 | 16 | 7 | 4 | 4 | 39 | 49 | 37 | 317 |
| Conn. | 2,937 | 1,548 | 18 | 17 | 45 | 50 | 96 | 274 | 132 | 135 | 265 | 362 |
| MID. ATLANTIC | 8,505 | 7,703 | 404 | 402 | 303 | 372 | 454 | 874 | 3,614 | 4,545 | 1,447 | 1,923 |
| Upstate N.Y. | 4,578 | 3,983 | 89 | 75 | 86 | 106 | 72 | 85 | 445 | 621 | 1,075 | 1,157 |
| N.Y. City | 390 | 455 | 217 | 222 | 40 | 54 | 120 | 362 | 1,873 | 2,445 | - | - |
| N.J. | 1,916 | 1,703 | 67 | 73 | 79 | 74 | 144 | 188 | 753 | 848 | 139 | 326 |
| Pa. | 1,621 | 1,562 | 31 | 32 | 98 | 138 | 118 | 239 | 543 | 631 | 233 | 440 |
| E.N. CENTRAL | 85 | 441 | 153 | 160 | 442 | 419 | 1,471 | 2,787 | 1,952 | 2,044 | 91 | 113 |
| Ohio | 53 | 30 | 15 | 13 | 159 | 115 | 530 | +896 | 303 | 280 | 13 | 12 |
| Ind. | 29 | 19 | 14 | 20 | 61 | 65 | 206 | 335 | 184 | 199 | 8 | 24 |
| III. | 3 | 18 | 70 | 78 | 126 | 110 | 388 | 1,057 | 990 | 1,024 | 25 | 16 |
| Mich. |  | 5 | 39 | 26 | 50 | 75 | 183 | 303 | 373 | 424 | 31 | 43 |
| Wis. | U | 369 | 15 | 23 | 46 | 54 | 164 | 196 | 102 | 117 | 14 | 18 |
| W.N. CENTRAL | 226 | 306 | 48 | 36 | 258 | 201 | 334 | 737 | 487 | 616 | 517 | 396 |
| Minn. | 126 | 208 | 21 | 12 | 35 | 31 | 51 | 45 | 112 | 156 | 29 | 37 |
| Iowa | 20 | 16 | 4 | 3 | 57 | 31 | 21 | 48 | 68 | 72 | 237 | 141 |
| Mo. | 37 | 53 | 10 | 9 | 99 | 76 | 214 | 584 | 198 | 244 | 20 | 30 |
| N. Dak. | 1 | - | 1 | 2 | 5 | 2 |  |  | 6 | 5 | 71 | 32 |
| S. Dak. | - | - | - | 2 | 10 | 11 | - | - | 17 | 28 | 119 | 105 |
| Nebr. | 5 | 6 | 3 | 4 | 27 | 22 | 12 | 13 | 21 | 22 | 5 | 5 |
| Kans. | 37 | 23 | 9 | 4 | 25 | 28 | 36 | 47 | 65 | 89 | 36 | 46 |
| S. ATLANTIC | 739 | 726 | 311 | 277 | 623 | 601 | 3,728 | 4,072 | 3,462 | 4,111 | 2,780 | 2,254 |
| Del. | 105 | 56 | 4 | 1 | 2 | 6 | 35 | 19 | 30 | 56 | 76 | 96 |
| Md. | 445 | 454 | 85 | 63 | 71 | 42 | 675 | 533 | 298 | 408 | 637 | 439 |
| D.C. | 3 | 3 | 8 | 16 | 10 | 8 | 130 | 100 | 130 | 98 | 11 | 11 |
| Va . | 53 | 55 | 58 | 55 | 62 | 64 | 386 | 600 | 293 | 359 | 592 | 459 |
| W. Va. | 12 | 26 | 6 | 4 | 16 | 10 | 3 | 11 | 57 | 71 | 100 | 116 |
| N.C. | 66 | 84 | 30 | 20 | 79 | 86 | 1,070 | 1,132 | 558 | 519 | 696 | 466 |
| S.C. | 9 | 17 | 13 | 3 | 65 | 59 | 384 | 571 | 329 | 309 | 88 | 125 |
| Ga . | 1 | 14 | 27 | 41 | 139 | 124 | 679 | 723 | 607 | 743 | 303 | 294 |
| Fla. | 45 | 17 | 80 | 74 | 179 | 202 | 366 | 383 | 1,160 | 1,548 | 277 | 248 |
| E.S. CENTRAL | 76 | 73 | 37 | 27 | 237 | 244 | 2,617 | 3,331 | 1,257 | 1,485 | 224 | 285 |
| Ky. | 25 | 16 | 7 | 3 | 29 | 51 | 154 | 185 | 256 | 327 | 42 | 28 |
| Tenn. | 21 | 28 | 14 | 10 | 60 | 106 | 837 | 914 | 349 | 465 | 88 | 98 |
| Ala. | 9 | 12 | 8 | 11 | 94 | 49 | 854 | 657 | 425 | 423 | 90 | 150 |
| Miss. | 21 | 17 | 8 | 3 | 54 | 38 | 772 | 1,575 | 227 | 270 | 4 | 9 |
| W.S. CENTRAL | 121 | 160 | 64 | 100 | 338 | 404 | 1,655 | 3,248 | 2,485 | 3,441 | 401 | 728 |
| Ark. | 23 | 11 | - | 3 | 34 | 39 | 234 | 474 | 197 | 271 | 27 | 52 |
| La. | 8 | 9 | 7 | 7 | 58 | 63 | 493 | 1,019 | 235 | 454 | 17 | 54 |
| Okla. | 25 | 63 | - | 1 | 43 | 49 | 177 | 198 | 174 | 346 | 35 | 32 |
| Tex. | 65 | 77 | 57 | 89 | 203 | 253 | 751 | 1,557 | 1,879 | 2,370 | 322 | 590 |
| MOUNTAIN | 8 | 13 | 65 | 66 | 172 | 218 | 146 | 195 | 631 | 701 | 154 | 192 |
| Mont. | - | - | 7 | 3 | 6 | 4 | - | 4 | 14 | 21 | 24 | 46 |
| Idaho | 2 | - | - | 2 | 25 | 21 | 4 | - | 12 | 14 | - | 3 |
| Wyo. | 2 | 4 | 7 | 1 | 3 | 8 | 2 | 1 | 6 | 5 | 33 | 32 |
| Colo. | - | - | 27 | 26 | 42 | 49 | 23 | 100 | 78 | 95 | 42 | 16 |
| N. Mex. | 1 | 1 | 4 | 7 | 27 | 36 | 1 | 9 | 83 | 84 | 6 | 6 |
| Ariz. | - | 1 | 7 | 15 | 40 | 63 | 94 | 46 | 259 | 319 | 37 | 57 |
| Utah | 1 | 1 | 5 | 6 | 17 | 18 | 3 | 4 | 51 | 48 | 5 | 15 |
| Nev. | 2 | 6 | 8 | 6 | 12 | 19 | 19 | 31 | 128 | 115 | 7 | 17 |
| PACIFIC | 112 | 114 | 386 | 299 | 646 | 619 | 518 | 631 | 4,762 | 4,845 | 334 | 408 |
| Wash. | 18 | 10 | 21 | 23 | 101 | 126 | 6 | 17 | 231 | 278 | 6 | 15 |
| Oreg. | 19 | 20 | 23 | 21 | 122 | 117 | 12 | 22 | 173 | 156 | 5 | 4 |
| Calif. | 74 | 84 | 329 | 238 | 407 | 356 | 496 | 590 | 4,097 | 4,137 | 314 | 382 |
| Alaska | - | - | 3 | 5 | 10 | 15 | - | 2 | 70 | 81 | 9 | 7 |
| Hawaii | 1 | - | 10 | 12 | 6 | 5 | 4 | - | 191 | 193 | - | - |
| Guam | - | - | - | 2 | 1 | 3 | 3 | 8 | 35 | 113 | - | - |
| P.R. | - | - | 2 | 1 | 5 | 24 | 122 | 284 | 84 | 263 | 43 | 39 |
| V.I. | - | - | - | 2 | - | - | - | - | - | - | - | - |
| Amer. Samoa | - | - | - | , | - | - | - | - | - | 5 | - | - |
| C.N.M.I. | - | - | - | 1 | - | - | 1 | 9 | - | 41 | - | - |

N : Not notifiable
U: Unavailable
-: no reported cases

TABLE III. Provisional cases of selected notifiable diseases preventable by vaccination, United States, weeks ending December 28, 1996, and December 30, 1995 (52nd Week)

| Reporting Area | H. influenzae, invasive |  | Hepatitis (viral), by type |  |  |  | Measles (Rubeola) |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | A |  | B |  | Indigenous |  | Imported ${ }^{\dagger}$ |  |
|  | $\begin{aligned} & \hline \text { Cum. } \\ & \text { 1996* } \end{aligned}$ | $\begin{aligned} & \hline \text { Cum. } \\ & 1995 \end{aligned}$ | $\begin{aligned} & \hline \text { Cum. } \\ & 1996 \end{aligned}$ | $\begin{aligned} & \hline \text { Cum. } \\ & 1995 \end{aligned}$ | $\begin{aligned} & \hline \text { Cum. } \\ & 1996 \end{aligned}$ | $\begin{aligned} & \hline \text { Cum. } \\ & 1995 \end{aligned}$ | 1996 | $\begin{aligned} & \hline \text { Cum. } \\ & 1996 \end{aligned}$ | 1996 | $\begin{aligned} & \hline \text { Cum. } \\ & 1996 \end{aligned}$ |
| UNITED STATES | 1,065 | 1,180 | 29,024 | 31,582 | 9,994 | 10,805 | 1 | 438 | - | 50 |
| NEW ENGLAND | 90 | 46 | 428 | 333 | 206 | 252 | - | 14 | - | 1 |
| Maine | 1 | 3 | 26 | 30 | 2 | 12 | - | - | - | - |
| N.H. | 11 | 13 | 27 | 13 | 21 | 23 | - | - | - | - |
| Vt. | 2 | 2 | 12 | 8 | 11 | 7 | - | 1 | - | 1 |
| Mass. | 74 | 16 | 203 | 161 | 75 | 114 | - | 12 | - | - |
| R.I. | 2 | 5 | 25 | 35 | 12 | 10 |  | - | - | - |
| Conn. | - | 7 | 135 | 86 | 85 | 86 | U | 1 | U | - |
| MID. ATLANTIC | 147 | 177 | 1,858 | 2,091 | 1,411 | 1,599 | - | 23 | - | 5 |
| Upstate N.Y. | 12 | 45 | 429 | 523 | 335 | 414 | - | - | - | - |
| N.Y. City | 40 | 36 | 600 | 1,008 | 566 | 524 | - | 9 | - | 3 |
| N.J. | 66 | 32 | 344 | 312 | 247 | 368 | - | 3 | - | - |
| Pa . | 29 | 64 | 485 | 248 | 263 | 293 | - | 11 | - | 2 |
| E.N. CENTRAL | 172 | 190 | 2,435 | 3,160 | 1,014 | 1,130 | - | 6 | - | 8 |
| Ohio | 95 | 99 | 785 | 1,760 | 120 | 116 | - | 2 | - | 4 |
| Ind. | 14 | 22 | 357 | 189 | 130 | 241 | U | - | U | - |
| III. | 39 | 48 | 621 | 663 | 268 | 293 | - | 2 | - | 1 |
| Mich. | 12 | 18 | 500 | 364 | 421 | 398 | - | - | - | 3 |
| Wis. | 12 | 3 | 172 | 184 | 75 | 82 | - | 2 | - | - |
| W.N. CENTRAL | 55 | 94 | 2,643 | 1,992 | 569 | 675 | - | 20 | - | 3 |
| Minn. | 35 | 56 | 149 | 198 | 71 | 93 | - | 16 | - | 2 |
| lowa | 7 | 3 | 348 | 107 | 96 | 46 | - | - | - | 1 |
| Mo. | 10 | 28 | 1,377 | 1,338 | 313 | 437 | - | 3 | - | - |
| N. Dak. | - | - | 137 | 23 | 2 | 5 | - | - | - | - |
| S. Dak. | 1 | 1 | 43 | 99 | 5 | 2 | - | - | - | - |
| Nebr. | 1 | 3 | 222 | 65 | 49 | 39 | - | - | - | - |
| Kans. | 1 | 3 | 367 | 162 | 33 | 53 | - | 1 | - | - |
| S. ATLANTIC | 202 | 236 | 1,565 | 1,434 | 1,566 | 1,599 | - | 5 | - | 9 |
| Del. | 7 | - | 21 | 12 | 9 | 9 | U | 1 | U | - |
| Md. | 64 | 74 | 256 | 221 | 297 | 262 | - | - | - | 2 |
| D.C. | 6 | - | 39 | 26 | 31 | 21 | - | 1 | - | - |
| Va . | 11 | 28 | 192 | 238 | 139 | 118 | - | - | - | 3 |
| W. Va. | 11 | 11 | 19 | 24 | 35 | 53 | - | - | - | - |
| N.C. | 26 | 34 | 204 | 111 | 337 | 311 | - | 3 | - | 1 |
| S.C. | 5 | 3 | 57 | 46 | 101 | 56 | - | - | - | - |
| Ga . | 40 | 71 | 157 | 84 | 32 | 103 | - | - | - | 2 |
| Fla. | 32 | 15 | 620 | 672 | 585 | 666 | - | - | - | 1 |
| E.S. CENTRAL | 28 | 12 | 1,216 | 2,312 | 857 | 830 | - | 2 | - | - |
| Ky. | 4 | 5 | 46 | 44 | 64 | 69 | - | - | - | - |
| Tenn. | 13 | - | 744 | 1,951 | 488 | 647 | U | 2 | U | - |
| Ala. | 10 | 6 | 211 | 93 | 74 | 114 | - | - | - | - |
| Miss. | 1 | 1 | 215 | 224 | 231 | U | - | - | - | - |
| W.S. CENTRAL | 41 | 80 | 6,134 | 5,287 | 1,269 | 1,712 | - | 26 | - | 2 |
| Ark. | - | 6 | 500 | 663 | 78 | 83 | - | - | - | - |
| La. | 5 | 1 | 221 | 196 | 153 | 243 | - | - | - | - |
| Okla. | 31 | 31 | 2,453 | 1,427 | 23 | 173 | - | ${ }^{-}$ | - | - |
| Tex. | 5 | 42 | 2,960 | 3,001 | 1,015 | 1,213 | - | 26 | - | 2 |
| MOUNTAIN | 62 | 122 | 4,530 | 4,346 | 1,160 | 879 | - | 153 | - | 5 |
| Mont. | - | 1 | 120 | 173 | 17 | 24 | - | - | - | - |
| Idaho | 1 | 6 | 250 | 353 | 88 | 102 | - | 1 | - | - |
| Wyo. | - | 11 | 40 | 110 | 45 | 33 | - | 1 | - | $\overline{-}$ |
| Colo. | 15 | 16 | 521 | 509 | 140 | 138 | - | 4 | - | 3 |
| N. Mex. | 11 | 16 | 353 | 808 | 413 | 321 | - | 17 | - | - |
| Ariz. | 17 | 30 | 1,758 | 1,363 | 239 | 121 | - | 8 | - | - |
| Utah | 9 | 12 | 1,071 | 696 | 124 | 75 | - | 117 | - | 2 |
| Nev. | 9 | 30 | 417 | 334 | 94 | 65 | - | 5 | - | - |
| PACIFIC | 268 | 223 | 8,215 | 10,627 | 1,942 | 2,129 | 1 | 189 | - | 17 |
| Wash. | 4 | 11 | 744 | 937 | 114 | 226 | - | 51 | - | - |
| Oreg. | 32 | 28 | 835 | 2,723 | 118 | 129 | - | 10 | - | 1 |
| Calif. | 226 | 178 | 6,484 | 6,751 | 1,680 | 1,729 | - | 37 | - | 9 |
| Alaska | 3 | 2 | 46 | 50 | 18 | 13 | - | 63 | - | - |
| Hawaii | 3 | 4 | 106 | 166 | 12 | 32 | 1 | 28 | - | 7 |
| Guam | - | - | 5 | 10 | - | 5 | U | - | U | - |
| P.R. | - | 3 | 141 | 120 | 386 | 689 | - | 8 | - | - |
| V.I. | - | - | - | 9 | - | 16 | U | - | U | - |
| Amer. Samoa | - | - | - | 6 | - | - | U | - | U | - |
| C.N.M.I. | 10 | 11 | 1 | 24 | 5 | 22 | U | - | U | - |
| N : Not notifiable | U: Una |  | report |  |  |  |  |  |  |  |

TABLE III. (Cont'd.) Provisional cases of selected notifiable diseases preventable by vaccination, United States, weeks ending December 28, 1996, and December 30, 1995 (52nd Week)


TABLE IV. Deaths in 121 U.S. cities,* week ending December 28, 1996 (52nd Week)

| Reporting Area | All Causes, By Age (Years) |  |  |  |  |  | P\& ${ }^{\dagger}{ }^{\dagger}$ <br> Total | Reporting Area | All Causes, By Age (Years) |  |  |  |  |  | $\begin{aligned} & \text { P\&I }^{\dagger} \\ & \text { Total } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { All } \\ \text { Ages } \end{gathered}$ | >65 | 45-64 | 25-44 | 1-24 | <1 |  |  | $\begin{gathered} \text { All } \\ \text { Ages } \end{gathered}$ | >65 | 45-64 | 25-44 | 1-24 | <1 |  |
| NEW ENGLAND | 555 | 395 | 95 | 42 | 14 |  | 56 | S. ATLANTIC | 992 | 615 | 208 | 120 | 24 | 25 | 63 |
| Boston, Mass. | 149 | 90 | 32 | 17 | 5 | 5 | 17 | Atlanta, Ga. | 99 | 54 | 25 | 16 | 3 |  | 6 |
| Bridgeport, Conn. | 29 | 23 | 3 | 3 |  | - | 2 | Baltimore, Md. | 189 | 118 | 37 | 28 | 3 | 3 | 27 |
| Cambridge, Mass. | 20 | 18 | 2 | - |  |  | 1 | Charlotte, N.C. | U | U | U | U | U | U | U |
| Fall River, Mass. | 20 | 18 | 2 | 5 |  |  |  | Jacksonville, Fla. | 108 | 72 | 21 | 11 | 2 | 2 | 2 |
| Hartford, Conn. | 54 | 39 | 10 | 5 |  | - | 1 | Miami, Fla. | 95 | 57 | 23 | 11 | 3 | 1 | - |
| Lowell, Mass. | 26 | 22 | 4 | - |  |  | - | Norfolk, Va. | 32 | 18 | 6 | 3 | - | 5 | 1 |
| Lynn, Mass. | 16 | 14 | 2 |  |  |  | 3 | Richmond, Va. | 51 | 38 | 8 | 2 | 2 | 1 | 6 |
| New Bedford, Mass. | 31 | 26 | 4 | 1 |  |  | 2 | Savannah, Ga. | 51 | 38 | 11 | 1 | 1 | - | 4 |
| New Haven, Conn. | 48 | 28 | 11 | 4 | 3 | 2 | 4 | St. Petersburg, Fla. | 38 | 26 | 6 | 3 | 1 | 2 | 2 |
| Providence, R.I. | U | U | U | U | U | U | U | Tampa, Fla. | 118 | 78 | 24 | 11 | 2 | 3 | 7 |
| Somerville, Mass. | 3 | 1 |  | 2 |  |  |  | Washington, D.C. | 199 | 110 | 47 | 28 | 7 | 7 | 8 |
| Springfield, Mass. | 53 | 40 | 7 | 4 | 1 | 1 | 8 | Wilmington, Del. | 12 | 6 | - | 6 | - | - | - |
| Waterbury, Conn. | 28 | 22 | 4 |  | 1 |  | 5 |  |  |  |  |  |  |  |  |
| Worcester, Mass. | 78 | 54 | 14 | 5 | 4 | 1 | 13 | E.S. CENTRAL <br> Birmingham, Ala. | 480 | 310 54 | 106 | 39 6 | 15 5 | 9 | 33 |
| MID. ATLANTIC | 2,384 | 1,737 | 395 | 177 | 39 | 36 | 168 | Chattanooga, Tenn. | 50 | 34 | 11 | 3 | 1 | 1 | 3 |
| Albany, N.Y. | 61 | 45 | 7 | 4 | 2 | 3 | 1 | Knoxville, Tenn. | 100 | 69 | 21 | 7 | 3 |  | 15 |
| Allentown, Pa. | 19 | 19 |  |  |  |  | 2 | Lexington, Ky. | 70 | 43 | 17 | 5 | 1 | 4 | 6 |
| Buffalo, N.Y. | 75 | 58 | 12 | 1 | 2 | 2 | 9 | Memphis, Tenn. | U | U | U | U | U | U | U |
| Camden, N.J. | 27 | 18 | 7 |  | 1 | 1 | 1 | Mobile, Ala. | 59 | 38 | 13 | 5 | 3 |  |  |
| Elizabeth, N.J. | 23 | 15 | 8 |  |  | - | 1 | Montgomery, Ala. | 39 | 27 | 7 | 2 |  | 3 |  |
| Erie, Pa.s | 55 | 46 | 7 | 1 |  | 1 | 7 | Nashville, Tenn. | 79 | 45 | 20 | 11 | 2 | 1 | 9 |
| Jersey City, N.J. | 61 | 42 | 12 | ${ }^{6}$ |  | 1 | 7 |  |  |  |  |  |  |  |  |
| New York City, N.Y. | $\begin{array}{r}1,250 \\ \hline\end{array}$ | 895 | 210 | 109 | 17 | 19 | 73 | W.S. CENTRAL Austin, Tex. | 886 38 | 574 28 | 167 | 82 | 37 1 | 26 | 61 |
| Newark, N.J. Paterson, N.J. | 39 17 | 17 | 13 | 7 | 2 | - | 4 3 | Austin, Tex. Baton Rouge, La. | 38 39 | 38 | 2 | 6 | 1 | 1 | 2 |
| Paterson, N.J. Philadelphia, Pa. | 17 401 | 13 285 | 73 | 29 | 10 | 4 | 22 | Corpus Christi, Tex. | 35 | 23 | 10 | 6 | 1 | 1 | 3 |
| Pittsburgh, Pa.s | 49 | 38 | 9 | 1 | 10 | 1 | 6 | Dallas, Tex. | 138 | 70 | 28 | 19 | 11 | 10 | 2 |
| Reading, Pa. | 15 | 13 | 1 | - | 1 | 1 | 6 | El Paso, Tex. | 34 | 24 | 8 | 2 | 6 | - | 4 |
| Rochester, N.Y. | 119 | 100 | 9 | 7 | 2 | 1 | 15 | Ft. Worth, Tex. | 82 | 50 | 17 | 9 | 6 | $\bar{\square}$ | 2 |
| Schenectady, N.Y. | 27 | 18 | 8 | 1 | - | - | 2 | Houston, Tex. | 210 | 132 | 44 | 25 | 6 | 3 | 29 |
| Scranton, Pa.§ | 32 | 26 | 6 |  |  | - | 3 | Little Rock, Ark. | 61 | 38 | 8 | 6 | 6 | 3 | 4 |
| Syracuse, N.Y. | 76 | 59 | 10 | 6 | 1 | 3 | 9 | New Orleans, La. | 109 | 81 | 15 | 6 | 4 | 3 | 2 |
| Trenton, N.J. | 15 | 12 | 1 |  | 1 | 3 | 2 | San Antonio, Tex. | 109 | 57 | 17 | 5 | 4 | 3 | 6 |
| Utica, N.Y. | $\stackrel{23}{4}$ | ${ }_{4}^{18}$ | $\mathrm{U}^{1}$ | ${ }^{3}$ | 1 | U | 1 | Tulsa, Okla. | 58 | 41 | 12 | 2 | 2 | 1 | 5 |
| E.N. CENTRAL | 1,077 | 813 | 166 | 67 | 19 | 11 | 97 | MOUNTAIN | 885 | 625 | 151 | 62 | 25 | 21 | 73 |
| Akron, Ohio | 35 | 21 | 8 | 2 | 2 | 2 | - | Albuquerque, N.M. | 85 | 63 | 13 | 5 | 2 | 2 | 8 |
| Canton, Ohio | 19 | 13 | 6 |  |  |  | 3 | Colo. Springs, Colo. | U | U | U | U | U | U | U |
| Chicago, III. | U | U | U | U | U | U | U | Denver, Colo. | 153 | 102 | 34 | 12 | 2 | 3 | 17 |
| Cincinnati, Ohio | 80 | 62 | 12 | 3 | 3 | U | 10 | Las Vegas, Nev. | 179 | 131 | 35 | 7 | 3 | 2 | 14 |
| Cleveland, Ohio | 125 | 87 | 26 | 10 | 1 | 1 | 3 | Ogden, Utah | 29 | 26 | 1 | 1 | - | 1 | 1 |
| Columbus, Ohio | 130 | 92 | 23 | 8 | 3 | 4 | 18 | Phoenix, Ariz. | 192 | 121 | 35 | 17 | 12 | 7 | 12 |
| Dayton, Ohio | 100 | 78 | 13 | 8 | $-$ | 1 | 11 | Pueblo, Colo. | 35 | 31 | 3 | 1 | - | - | 5 |
| Detroit, Mich. | U | U | U | U | U | U | U | Salt Lake City, Utah | 100 | 72 | 8 | 12 | 4 | 4 | 5 |
| Evansville, Ind. | 39 | 36 | 1 | 1 | - |  | 1 | Tucson, Ariz. | 112 | 79 | 22 | 7 | 2 | 2 | 11 |
| Fort Wayne, Ind. | 38 | 25 | 9 | 4 | - | - | 2 | PACIFIC | 1,441 | 1,031 | 253 | 104 | 32 | 21 | 130 |
| Gary, Ind. | U | U | U | U | U | U | U | Berkeley, Calif. | 1,48 | 16 | 2 | 104 | 32 | 21 | , |
| Grand Rapids, Mich. | 92 | 70 | 10 | 7 | 4 | 1 | 13 | Fresno, Calif. | 61 | 36 | 13 | 5 | 4 | 3 | 6 |
| Indianapolis, Ind. | 108 | 85 | 17 | 4 | 2 | U | 5 | Glendale, Calif. | 5 | 3 | 1 | 1 | - | - |  |
| Madison, Wis. | U | U | U | U | U | U | U | Honolulu, Hawaii | 50 | 39 | 6 | 3 | 1 | 1 | 6 |
| Milwaukee, Wis. | 71 | 55 | 10 | 6 |  | - | 7 | Long Beach, Calif. | 74 | 58 | 11 | 5 |  | - | 9 |
| Peoria, III. | 41 | 36 | 5 | 6 | 1 | - | 7 | Los Angeles, Calif. | 191 | 109 | 44 | 27 | 5 | 6 | 2 |
| Rockford, III. | 41 | 31 | 3 | 6 | 1 | - | 3 | Pasadena, Calif. | 25 | 19 | 5 | - | 1 | - | 2 |
| South Bend, Ind. Toledo, Ohio | 39 | 33 | 4 | 1 | 1 | - | 5 | Portland, Oreg. | 102 | 77 | 12 | 6 | 4 | 3 | 4 |
| Toledo, Ohio | 53 | 42 | 7 | 3 | 1 | $\overline{7}$ | 8 | Sacramento, Calif. | 177 | 128 | 34 | 9 | 4 | 2 | 17 |
| Youngstown, Ohio | 66 | 47 | 12 | 4 | 1 | 1 | 1 | San Diego, Calif. | 140 | 95 | 28 | 12 | 2 | 3 | 16 |
| W.N. CENTRAL | 698 | 504 | 110 | 36 | 13 | 14 | 38 | San Francisco, Calif. | 114 | 84 | 21 | 9 | 5 | - | 19 |
| Des Moines, lowa | 70 | 50 | 14 | 4 | 1 | 1 | 9 | San Jose, Calif. | 199 | 147 25 |  | 13 | 5 | - |  |
| Duluth, Minn. | 29 | 16 | 8 | 3 | 1 | 1 |  | Santa Cruz, Calif. Seattle, Wash. | 28 139 | 25 103 | 20 | 11 | 1 | 1 | 4 9 |
| Kansas City, Kans. | 29 | 23 | 4 | 1 | 1 | - | 1 | Seattle, Wash. | 139 45 | 103 37 | 20 6 | 11 | 1 | 1 | 9 |
| Kansas City, Mo. | 122 | 71 | 19 | 9 | - | 2 | 6 | Tacoma, Wash. | 73 | 37 55 | 14 | 3 | 1 | 1 | 1 3 |
| Lincoln, Nebr. Minneapolis, Minn. | 34 | 30 | 3 | - | 1 | - | 6 | Tacoma, Wash. | 73 | 55 | 14 | 3 | - | 1 | 3 |
| Minneapolis, Minn. Omaha, Nebr. | 108 | 85 | 17 | 3 | 1 | 2 | 5 | TOTAL | 9,398 ${ }^{\text { }}$ | 6,604 | 1,651 | 729 | 218 | 172 | 719 |
| Omaha, Nebr. St. Louis, Mo. | 75 | 55 | 10 | 6 | 1 | 3 | 5 |  |  |  |  |  |  |  |  |
| St. Louis, Mo. | 114 | 82 | 18 | 7 | 5 | 2 | - |  |  |  |  |  |  |  |  |
| St. Paul, Minn. | 43 | 33 | 6 | 1 | 1 | 2 | 2 |  |  |  |  |  |  |  |  |
| Wichita, Kans. | 74 | 59 | 11 | 2 | 1 | 1 | 4 |  |  |  |  |  |  |  |  |

${ }^{*}$ Mortality data in this table are voluntarily reported from 121 cities in the United States, most of which have populations of 100,000 or more. A death is reported by the place of its occurrence and by the week that the death certificate was filed. Fetal deaths are not included.
${ }^{\dagger}$ Preumonia and influenza.
${ }^{\S}$ Because of changes in reporting methods in these 3 Pennsylvania cities, these numbers are partial counts for the current week. Complete counts will be available in 4 to 6 weeks.
TTotal includes unknown ages.

## Contributors to the Production of the MMWR (Weekly)

Weekly Notifiable Disease Morbidity Data and 121 Cities Mortality Data Denise Koo, M.D., M.P.H.
Deborah A. Adams
Timothy M. Copeland
Patsy A. Hall
Carol M. Knowles
Sarah H. Landis
Myra A. Montalbano
Desktop Publishing and Graphics Support
Morie M. Higgins
Peter M. Jenkins

The Morbidity and Mortality Weekly Report (MMWR) Series is prepared by the Centers for Disease Control and Prevention (CDC) and is available free of charge in electronic format and on a paid subscription basis for paper copy. To receive an electronic copy on Friday of each week, send an e-mail message to lists@list.cdc.gov. The body content should read subscribe mmwr-toc. Electronic copy also is available from CDC's World-Wide Web server at http://www.cdc.gov/ or from CDC's file transfer protocol server at ftp.cdc.gov. To subscribe for paper copy, contact Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402; telephone (202) 512-1800.

Data in the weekly MMWR are provisional, based on weekly reports to CDC by state health departments. The reporting week concludes at close of business on Friday; compiled data on a national basis are officially released to the public on the following Friday. Address inquiries about the MMWR Series, including material to be considered for publication, to: Editor, MMWR Series, Mailstop C-08, CDC, 1600 Clifton Rd., N.E., Atlanta, GA 30333; telephone (404) 332-4555.

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Director, Centers for Disease Control
and Prevention
David Satcher, M.D., Ph.D.
Deputy Director, Centers for Disease Control
and Prevention
Claire V. Broome, M.D.
Director, Epidemiology Program Office
Stephen B. Thacker, M.D., M.Sc.

Editor, MMWR Series
Richard A. Goodman, M.D., M.P.H.
Managing Editor, MMWR (weekly) Karen L. Foster, M.A.
Writers-Editors, MMWR (weekly)
David C. Johnson
Darlene D. Rumph Person
Caran R. Wilbanks
Editorial Assistant, MMWR (weekly)
Teresa F. Rutledge

