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# Temporal Variations in School-Associated Student Homicide and Suicide Events — United States, 1992–1999

Recent, widely reported violent deaths associated with schools have led many adults to believe that a school shooting could occur in their community and many children to express increasing concern about their own safety at school (1). CDC, in collaboration with the U.S. Education and Justice departments, has been tracking school-associated violent deaths\* since the 1992–1993 school year (2). To evaluate whether the risk for school-associated violent death varies during the school year, CDC analyzed monthly counts of school-associated homicide and suicide events that occurred among students in elementary and secondary (middle, junior high, and senior high) schools in the United States. This report summarizes the results of these analyses, which indicate that student homicide event rates are usually highest near the start of the fall and spring semesters, and suicide event rates are highest during the spring semester. These findings can assist school personnel in planning and implementing violence-prevention programs.

For these analyses, a school-associated violent death event was defined as a homicide or suicide of a student in which the fatal injury occurred 1) on the campus of a functioning public or private elementary or secondary school in the United States, 2) while the victim was on the way to or from regular sessions at such a school, or 3) while the victim was attending or traveling to or from an official school-sponsored event. Events resulted in the death of at least one student but may have included the deaths of nonstudents (e.g., faculty, school staff, family members, and community residents). Events were identified through a systematic search of two computerized newspaper and broadcast media databases (Lexis-Nexis and Dialog) (3,4). To confirm events, a qualifying interview was conducted with at least one law enforcement or school official familiar with each event.

Student homicide and suicide event rates were analyzed individually for the 10 months that define a typical school year (September–June). Events that involved the homicide of a student followed by the suicide of a student perpetrator were included in each analysis. Event totals for each month were calculated by summing over the 7 school years in the study period. For both homicide and suicide events, the relevant exposure period in each month was based on the total number of school days in that month over the entire 7-year period, estimated by inspection of several school calendars selected from each region of the country. For each event type, the number of events per school day was calculated for each month in the school calendar and plotted to allow visual assessment of trends.

<sup>\*</sup>Any homicide, suicide, legal intervention (victim killed by police officer in the line of duty), or unintentional firearm-related death.

Student Homicide and Suicide Events — Continued

Poisson rate models were used to evaluate the trends over the school year. Each model was restricted to one monthly time-trend variable and one semester transition variable to account for the apparent increase in event rates following the semester/holiday break that usually occurs in late December through early January.

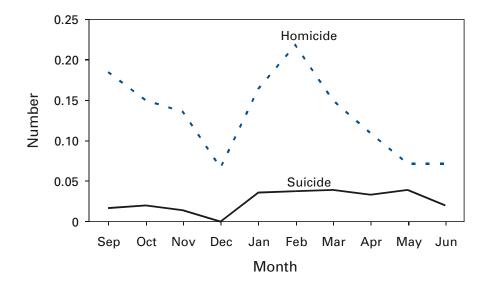
For the 7 school years during September 1, 1992–June 30, 1999, 209 school-associated violent death events occurred that involved either the homicide or suicide of a student. During the 7 school years of the study period, an average of 0.14 school-associated homicide events occurred each school day (one event every 7 school days) (Figure 1). For homicide events, rates decreased during each semester (monthly change in log rate: –0.2; p=0.0002) and increased markedly in association with the transition between the fall and spring semesters (increase in log rate: 0.98; p=0.001). These findings indicate that homicide event rates were relatively high near the beginning of the school year, gradually declined during the fall semester, and exhibited a similar pattern during the spring semester.

For suicides, an average of 0.03 events occurred each school day (one event every 31 school days). The estimated Poisson rate model for suicide events involved a nonsignificant time-trend variable. As a result, this variable was subsequently dropped and the resulting simplified model, which included only the semester transition variable, suggests that the suicide event rate was higher during the spring semester than the fall semester (increase in log rate: 1.0; p=0.0103).

Reported by: Safe and Drug Free Schools Program, US Dept of Education. National Institute of Justice, US Dept of Justice. Div of Violence Prevention and Office of Statistics and Programming, National Center for Injury Prevention and Control, CDC.

**Editorial Note**: The findings in this report suggest significant systematic temporal variations in school-associated student homicide and suicide events. Student homicide event rates were highest near the start of each semester and then declined over the following months. In comparison, suicide event rates did not show any significant variation within semesters, but the overall rate was significantly higher in the spring semester than in the fall semester.

FIGURE 1. Number of student homicide and suicide events per school day, by month — United States, 1992–1999 school years



Student Homicide and Suicide Events — Continued

Several possible explanations exist for the relatively high rates of school-associated homicide events at the start of each semester. First, conflicts that started either before or during the semester/holiday break may have escalated into lethal violence when students returned to school for the start of a new semester. Second, the start of a new semester represents a time of considerable change and stress for students, requiring them to adapt to new schedules, teachers, and classmates, which may contribute to violent behavior. For these reasons, schools should consider policies and programs to facilitate adjustment of students during this transitional period. Violence prevention strategies could include enhancing the social skills of students through classroom curricula, improving the social climate of the school by training teachers and administrators, and providing a safe environment through use of security measures (5–8). Strategies such as these may prevent school-associated homicides by helping students avoid new conflicts and resolve existing conflicts in a nonviolent way.

The findings on suicide are consistent with other studies that have shown increased suicide rates in the general population during the spring (9). Programs designed to prevent suicide and suicidal behavior among students should recognize that the spring semester is the period of highest risk. The Surgeon General recommends training teachers to recognize students that show signs of risk for suicide and refer them to a mental health professional for assessment and treatment (10). Using schools as access and referral points for mental health services can enhance community-care resources for students at risk for suicide.

The findings in this report are subject to at least two limitations. First, because events were identified from news media reports, any event not reported in the media would not have been included in this study. Most homicide events receive extensive media attention; however, news media coverage of suicides may be limited or discouraged. If underreporting of suicides did occur, coverage probably did not vary by time of year and would not account for the higher rate observed during the spring semester. Second, because the suicide event trend analysis is based on a small number of reported events, results should be interpreted with caution.

Prevention programs can be effective in preventing youth violence (6). Effective programs often focus on both individual risk factors and environmental conditions that may predispose young persons toward violent behavior. By describing temporal variations in school-associated student homicide and suicide events, this report provides information that can assist school administrators and faculty in planning the timing and focus of violence prevention programs.

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Student Homicide and Suicide Events — Continued

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## Effectiveness of a Middle School Vaccination Law — California, 1999–2001

In 1996, the Advisory Committee on Immunization Practices, the American Academy of Pediatrics, the American Association of Family Physicians, and the American Medical Association recommended a routine health-care visit for adolescents aged 11–12 years (1). During this visit, adolescents not fully vaccinated should receive up to four recommended vaccines (hepatitis B, a measles-containing vaccine [MCV], varicella, and tetanus-diphtheria) and other preventive services and counseling. Because many adolescents are not up-to-date for all of these vaccines, 43 states have developed middle school entrance requirements or laws for one or more of these vaccines. Since 1997, CDC, in collaboration with the Pre-Teen Health Project in San Diego, California, has evaluated the impact of the state's middle school vaccination law, which requires students entering seventh grade on or after July 1, 1999, to have documented receipt of three doses of hepatitis B and two doses of MCV or to have obtained a written exemption based on personal beliefs or medical grounds. This report summarizes the results of that analysis, which indicate that when school entrance requirements are enforced, high vaccination coverage can be achieved.

During the 1999–2000 school year, the law affected 464,476 seventh-grade students in California, including 38,875 in San Diego County. For this analysis, three different surveys were used to assess the impact of changes in the vaccination law. First, to estimate baseline coverage, a countywide telephone random-digit–dialed vaccination coverage survey of fifth and sixth graders was conducted during April–June 1998 in San Diego County (2). Second, to evaluate compliance with state school vaccination requirements, California requires each school to report coverage as of October of each year, based on records obtained for every enrolled student. Finally, health-care officials confirm these results by reviewing vaccination records in randomly selected schools statewide during February–April (3). During the 1999–2000 and 2000–2001 school years, 199 and 163 schools, respectively, had their vaccination records validated statewide.

In the 1998 baseline telephone survey of 741 households with adolescents in San Diego County, vaccination history was verified through the parent-held records of 203 fifth and sixth graders (2). Of these, 142 (70.0%) had received two doses of MCV, 32 (15.8%) had received three doses of hepatitis B, and 27 (13.3%) had received both vaccines.

During October 1999, data from all 315 San Diego County schools with seventh-grade students (38,875 seventh graders) indicated that 36,005 (92.6%) students had received two doses of MCV, and 26,614 (68.5%) had received three doses of hepatitis B vaccine. Overall, 26,110 (67.2%) students were in compliance with the law by vaccination and 691 (1.8%) by exemption. Of 12,074 adolescents not in compliance, 10,814 (89.6%)

Middle School Vaccination Law — Continued

were in the process of completing the three-dose hepatitis B series. Coverage continued to increase through the end of the school year as unvaccinated students completed the three-dose hepatitis B series. Similar coverage levels were achieved statewide during October 1999 and increased by the time of the review during February–April 2000 (Table 1). In October 2000, the beginning of the second year the law was in effect, coverage was higher than in October 1999 (Table 1).

Reported by: K Gustafson, W Wang, S Ross, County of San Diego Health and Human Svcs Agency; L Linton, San Diego State Univ Graduate School of Public Health, San Diego; N Smith, N Gandhi, Immunization Br, California Dept of Health Svcs. Health Svcs Research and Evaluation Br, Immunization Svcs Div, National Immunization Program, CDC.

Editorial Note: As of July 2001, of the 43 states with middle school vaccination laws, 27 required students entering middle school to be fully vaccinated against hepatitis B, and 41 required students to have received two doses of MCV. The findings in this report indicate that school vaccination laws are an important strategy for promoting universal coverage with hepatitis B and MCV among an adolescent population. Although the passage of a vaccination law is an important step in increasing coverage, cooperation by the public health community in enforcing the law is essential for successful implementation (4). San Diego County achieved a high level of coverage through monitoring and close cooperation with schools, frequent reminders to parents, and exclusion of students from school when necessary.

The 1991 recommendation for universal infant vaccination with hepatitis B vaccine and state requirements for proof of vaccination at kindergarten entry produced a cohort of children in the United States who are highly vaccinated against hepatitis B. However, in 1998, when only eight states had hepatitis B vaccination coverage laws for middle school students, national coverage for hepatitis B vaccine among persons aged 13–15 years with a vaccination record was an estimated 27.3% (CDC, unpublished data, 2001). Even among adolescents enrolled in prepaid health-care plans, coverage remains low in the absence of a law (5).

TABLE 1. Percentage of students in compliance with the California seventh grade vaccination law and antigen-specific coverage with hepatitis B vaccine (HepB) and measles-containing vaccine (MCV) — California, 1999–2000 and 2000–2001 school years

| Characteristic     | October<br>1999* | February–<br>April<br>2000† | October<br>2000* | February–<br>April<br>2001† |
|--------------------|------------------|-----------------------------|------------------|-----------------------------|
| Compliant with law | 66.7%            | 90.0%                       | 70.9%            | 89.5%                       |
| 3 Doses HepB and   |                  |                             |                  |                             |
| 2 Doses MCV        | 65.1%            | 87.2%                       | 69.5%            | 87.7%                       |
| Exemption          | 1.6%             | 2.7%                        | 1.5%             | 1.8%                        |
| Medical            | 0.2%             | 0.2%                        | 0.2%             | 0.2%                        |
| Personal           | 1.4%             | 2.5%                        | 1.3%             | 1.6%                        |
| Not compliant      | 33.3%            | 10.0%                       | 29.1%            | 10.5%                       |
| Individual vaccine |                  |                             |                  |                             |
| coverage           |                  |                             |                  |                             |
| 3 Doses HepB       | 70.6%            | 89.9%                       | 73.2%            | 91.4%                       |
| 2 Doses MCV        | 91.4%            | 96.5%                       | 95.3%            | 96.4%                       |

<sup>\*</sup>State Mandated Immunization Survey.

<sup>&</sup>lt;sup>†</sup> State School Selective Review.

Middle School Vaccination Law — Continued

A statewide evaluation of a middle school vaccination law in Florida indicated that, following implementation of changes to the Florida Administrative Code requiring adolescent vaccinations, 61.8% of students were vaccinated fully with three doses of hepatitis B within 3 months of the start of the 1997 school year (6). However, no mechanism was in place in Florida to determine the number of students that had completed the series of three doses before or after that time in the school year.

The success of voluntary hepatitis B vaccination programs does not necessarily predict sustainable large-scale implementation. In a pilot program in San Diego County during 1993–1995, 61% of fourth through ninth graders in 16 schools in San Diego County were vaccinated (7). However, by 1998, countywide coverage was only 15.8% among fifth and sixth graders (2).

Hepatitis B vaccination is especially important for adolescents because approximately 9% of hepatitis B occurs in adolescents and an additional 45% in persons aged 20–29 years (8; CDC, unpublished data, 2001). Adolescents also should be up-to-date with two doses of MCV because interruption of measles transmission in the United States during the 1990s was a result of increased coverage and the administration of a second dose of MCV to children and adolescents (9).

The findings in this report are subject to at least three limitations. First, the findings are subject to the effect of confounding because it was not possible to assess changes in coverage among seventh graders that would have occurred in the absence of a law. Second, because three methods were used to assess coverage (random-digit-dialing, school reporting, and on-site record reviews), results may differ from those found if the same method was used at each point in time. Finally, only confirmed vaccination histories were used in the telephone survey, and most parents surveyed could not find their child's vaccination record.

In California and Florida, the two states in which middle school vaccination requirements have been evaluated, the laws resulted in a substantial increase in hepatitis B vaccination coverage and, in California, high second dose MCV coverage (6). The effectiveness of the California law is consistent with evaluations of vaccinations required for school entry in other age groups, suggesting that vaccination requirements and laws are an effective means of protecting young persons in all age groups from vaccine preventable diseases (4).

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# Effectiveness of School-Based Programs as a Component of a Statewide Tobacco Control Initiative — Oregon, 1999–2000

With funds available from revenue generated by a voter-initiated ballot measure to increase the state cigarette excise tax (1), the Oregon Health Division (OHD) created the Tobacco Prevention and Education Program (TPEP) in 1997. Coalitions in all Oregon counties, a countermarketing campaign, a statewide tobacco cessation quitters' helpline, and competitive grants to community groups, tribal associations, and school districts are supported by TPEP (2); 12% of TPEP's \$8.5 million annual funding was used to implement CDC's Guidelines for School Health Programs to Prevent Tobacco Use and Addiction (3) in 23 school districts or consortia of districts. Data from annual school-based surveys conducted to monitor adolescent risk behavior indicated that from 1999 to 2000, 30-day smoking prevalence among eighth grade students declined more in funded schools than in a comparison group of nonfunded schools. The declines were significantly greater among schools with high and medium levels of implementation. These results suggest that comprehensive school-based programs can be an effective component of statewide antitobacco efforts.

Data on smoking behavior among students were collected by OHD from either the Oregon Public School Drug Use Survey (OPSDUS) questionnaire or the Youth Risk Behavior Survey (YRBS) questionnaire. In 1999, 49 (53%) of 93 funded schools and 61 (25%) of 246 nonfunded schools used the YRBS questionnaire. In 2000, 58 funded schools and 47 nonfunded schools used either the OPSDUS or YRBS questionnaires. All analyses were based on data from 38 funded schools and 14 nonfunded schools that participated in both 1999 and 2000. Eighth graders were selected for analysis because TPEP's most intensive interventions targeted middle schools, which meant that eighth graders in 2000, who were seventh graders in 1999, had been exposed to the program for 2 years. Smoking prevalence for 1999 and 2000 was measured in both funded and nonfunded schools, and multivariate logistic regression was used to compare the 2000 difference in prevalence between the two groups of schools. Prevalence in 2000 in schools with high, medium, or low program implementation scores also was compared with 2000 prevalence in nonfunded schools. Among the 52 schools, 1942 (55%) of 3519 eighth graders surveyed attended funded schools in 1999. In 2000, 4089 (74%) of 5556 eighth graders surveyed attended funded schools. Funded schools were required to conduct an eighth grade student census; nonfunded schools participated on a voluntary basis. The number of participating students varied as a result of differences in sampling protocol between the two surveys.

Without knowledge of the school survey results, each funded school district was categorized on cumulative implementation (progress before and during funding) of six areas identified in CDC guidelines (3): tobacco-free school policies, family involvement, community involvement, tobacco prevention curriculum instruction, teacher/staff

Tobacco Control Initiative — Continued

training, and student tobacco use cessation support. Tobacco-free school policies were assessed by summing the number of elements completed out of 19 (3). Family involvement and student tobacco use cessation support were assessed by summing the total completed out of five criteria in each of two components (3). Community involvement was measured by whether the district sent a representative to community tobacco coalition meetings; teacher/staff training was assessed by whether the district had provided training during the survey period; and tobacco prevention curriculum instruction was assessed by the implementation of a CDC-identified curriculum. The quartile score for the first three areas (scored one to four) was added to the dichotomous measures of the latter three areas ("yes" was scored zero and "no" was scored one) for a final score that ranged from three (best score) to 15 (worst score). Based on natural cut-off points in the distribution of scores, the schools then were classified as low (nine–15), medium (six–eight), or high (three–five) on the six areas. Of the 38 participating funded schools, 14 were in low-ranked districts, 15 were ranked medium, and nine were ranked high on implementation criteria.

Both the YRBS and OPSDUS self-report questionnaires were administered anonymously to all students in the participating eighth grade classrooms. The YRBS question used to determine smoking status was "During the past 30 days, on how many days did you smoke cigarettes?" The OPSDUS question was "How frequently have you smoked cigarettes during the past 30 days?" Students who indicated that they had smoked on >1 days were classified as smokers on each survey.

In 1999, no statistical differences were observed in student or school characteristics, including eighth grade smoking prevalence, in funded versus nonfunded schools. The 30-day smoking prevalence decreased from 16.6% in 1999 to 13.0% in 2000 (p=0.002) in funded schools and from 17.0% in 1999 to 15.7% in 2000 (p=0.47) in nonfunded schools. Stratified by implementation level in 1999 and 2000, changes in prevalence among eighth grade students were larger in schools in districts with high (from 14.2% to 8.2%) or medium (from 17.8% to 13.9%) ratings; changes in smoking prevalence in schools in districts with low ratings (from 17.1% to 15.6%) were almost equal to those in nonfunded schools (from 17.0% to 15.7%) (Figure 1).

Logistic regression was conducted to compare prevalence in funded and nonfunded schools and was adjusted for respondent sex, other substance use (e.g., alcohol, cocaine, marijuana, and inhalants), school size, school geographic location in state, and socioeconomic status of each school. Based on the regression model, students in the funded schools in 2000 were approximately 20% less likely to smoke (odds ratio=0.8; 95% confidence interval [CI]=0.7–1.0\*) compared with students in nonfunded schools. School funding status in 1999 was not associated with student smoking prevalence. Based on similar multivariate logistic regression analyses using 2000 results, the odds of an eighth grade student reporting smoking during the past 30 days were lowest among schools in districts with high or medium cumulative implementation (Table 1).

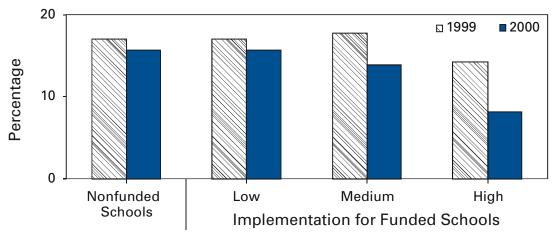
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**Editorial Note**: The findings in this report suggest that a comprehensive school-based tobacco prevention program that includes tobacco-free school policies and community involvement as one component of a statewide tobacco program may contribute to

<sup>\*</sup> Values rounded to one decimal place, but CI did not include 1.0.

Tobacco Control Initiative — Continued

FIGURE 1. Percentage of eighth grade public school students who reported smoking during the past 30 days, by tobacco use prevention program implementation scores — Oregon, 1999 and 2000\*



<sup>\*1999</sup> data from Youth Risk Behavior Survey (YRBS) questionnaire, and 2000 data from either the YRBS or the Oregon Public School Drug Use Survey questionnaire.

TABLE 1. Odds ratios for completeness of program implementation and reduction in smoking prevalence — Oregon, 2000

| Completeness   | No.<br>schools | No.<br>students | Smoking<br>prevalence<br>(%)* | Odds<br>ratio | (95% CI†)  |
|----------------|----------------|-----------------|-------------------------------|---------------|------------|
| Unfunded       | 14             | 1467            | 15.7%                         | ref           | _          |
| Lowest ranked  | 14             | 1303            | 15.6%                         | 1.0           | (0.8-1.3)  |
| Medium ranked  | 15             | 1725            | 13.9%                         | 8.0           | (0.6–1.0)§ |
| Highest ranked | 9              | 1061            | 8.2%                          | 0.7           | (0.5-0.9)  |

<sup>\*</sup> Past 30 day prevalence of smoking adjusted for sex of respondent; other substance use; size, region, socioeconomic status of school; and school clustering effect.

reductions in current smoking among eighth graders (3). The significantly greater declines in smoking prevalence in the schools that rated high and medium on implementation criteria emphasize the importance of monitoring activity in funded school programs and the need for ongoing assistance to facilitate implementation of evidence-based recommendations (3).

The findings in this report are subject to multiple limitations. Two different student surveys, each with slightly different questions, were used to measure prevalence. Question wording and context in the questionnaires may have affected responses (4). Funded districts self-selected to apply for the competitive grants to implement the tobacco prevention program and represented approximately one third of the public school students in Oregon. Among them, only 38 of 93 schools conducted school-based surveys in both 1999 and 2000. The nonfunded schools also represented a self-selected sample, and the 14 nonfunded schools with survey data from both 1999 and 2000 represented only 6% of all nonfunded Oregon schools. The funded and nonfunded schools may have differed in unmeasured characteristics (e.g., the effectiveness of a county coalition's antitobacco activities) that may have influenced 2000 smoking prevalence. In the multivariate

<sup>&</sup>lt;sup>†</sup> Confidence interval.

<sup>§</sup> Values rounded to one decimal place, but CI did not include 1.0.

#### Tobacco Control Initiative — Continued

analyses, sample clustering by school was represented in the analysis; however, variable sampling rates within each school could not be accounted for because information on these rates was unavailable. Student smoking prevalence was based on self-reports, and in schools with stronger programs, students might have underreported smoking because of stronger antismoking norms. No information was available on the student response rate for the schools in this study; however, the average student response rate for Oregon surveys using the YRBS questionnaire has been 78%. Changes in smoking prevalence from 1999 to 2000 were based on comparisons of cross-sectional samples of eighth graders rather than on a longitudinal cohort. Measurements of program implementation were based on coordinator self-reports and, although these reports assessed policies for a range of characteristics, they did not include measures of policy enforcement, and the self-reports could not be validated externally. Finally, the results of this study were based on a comparison of only 2 years of data, and further surveillance is necessary to confirm trends and the impact of this school-based program.

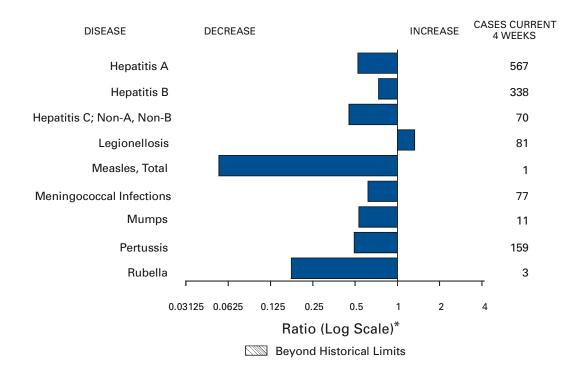
The implementation of a tobacco prevention curriculum alone may be insufficient to prevent cigarette smoking among adolescents (5). CDC recommends a combination of tobacco-free school policies and an evidence-based curriculum linked to communitywide programs involving families, peers, and organizations. School-based activities are most effective when integrated with countermarketing campaigns and community-based activities (6). Several states, including Oregon, have reported declines in youth smoking rates after implementing multicomponent tobacco prevention and control efforts (2,7–9). Consistent with CDC's Best Practices for Comprehensive Tobacco Control Programs (10), the data in this report suggest that school-based programs can be an effective element of statewide tobacco prevention and education.

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FIGURE I. Selected notifiable disease reports, United States, comparison of provisional 4-week totals ending August 4, 2001, with historical data



<sup>\*</sup> Ratio of current 4-week total to mean of 15 4-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 of provisional cases of selected notifiable diseases, United States, cumulative, week ending August 4, 2001 (31st Week)

|   | Cum. 2001 |  | Cum. 2001 |
|---|-----------|--|-----------|
| Anthrax                                   |           | Poliomyelitis, paralytic                 |           |
| Brucellosis*                              | 39        | Psittacosis*                             | 9         |
| Cholera                                   | 4         | O.fever*                                 | 15        |
| Cyclosporiasis*                           | 75        | Rabies, human                            | 1 1       |
| Diphtheria                                | I 1       | Rocky Mountain spotted fever (RMSF)      | 243       |
| Ehrlichiosis: human granulocytic (HGE)*   | · 97      | Rubella, congenital syndrome             | -         |
| human monocytic (HME)*                    | 37        | Streptococcal disease, invasive, group A | 2,338     |
| Encephalitis: California serogroup viral* | 9         | Streptococcal toxic-shock syndrome*      | 36        |
| eastern equine*                           | ž         | Syphilis, congenital §                   | 84        |
| St. Louis*                                | 1         | Tetanus                                  | 15        |
| western equine*                           | _         | Toxic-shock syndrome                     | 77        |
| Hansen disease (leprosy)*                 | 45        | Trichinosis                              | 13        |
| Hantavirus pulmonary syndrome*            | 4         | Tularemia*                               | 53        |
| Hemolytic uremic syndrome, postdiarrheal  |           | Typhoid fever                            | 145       |
| HIV infection, pediatric*                 | 98        | Yellowfever                              | 1-0       |
| Plague                                    | 2         | T CHOW ICVCI                             |           |

<sup>-:</sup> No reported cases. \*Not notifiable in all states.

<sup>†</sup> Updated monthly from reports to the Division of HIV/AIDS Prevention — Surveillance and Epidemiology, National Center for HIV, STD, and TB Prevention (NCHSTP). Last update June 26, 2001.

† Updated from reports to the Division of STD Prevention, NCHSTP.

TABLE II. Provisional cases of selected notifiable diseases, United States, weeks ending August 4, 2001, and August 5, 2000 (31st Week)

|                           |                   |                   |                          |                            |                 |                    |                         |                | coli O157:H7   |               |
|---------------------------|-------------------|-------------------|--------------------------|----------------------------|-----------------|--------------------|-------------------------|----------------|----------------|---------------|
|                           | All<br>Cum.       | DS<br>Cum.        | Chlan<br>Cum.            | nydia <sup>†</sup><br>Cum. | Cryptos<br>Cum. | poridiosis<br>Cum. | NE <sup>-</sup><br>Cum. | Cum.           | PHI<br>Cum.    | LIS<br>Cum.   |
| Reporting Area            | 2001⁵             | 2000              | 2001                     | 2000                       | 2001            | 2000               | 2001                    | 2000           | 2001           | 2000          |
| UNITED STATES NEW ENGLAND | 19,145            | 23,248            | 392,801                  | 407,197                    | 1,088           | 1,056              | 1,166                   | 2,181          | 888            | 1,923         |
|                           | 746               | 1,317             | 13,112                   | 13.710                     | 48              | 61                 | 130                     | 219            | 86             | 221           |
| Maine                     | 20                | 20                | 668                      | 836                        | 6               | 9                  | 17                      | 14             | 15             | 16            |
| N.H.                      | 17                | 21                | 757                      | 630                        | 2               | 7                  | 20                      | 17             | 17             | 21            |
| Vt.                       | 10                | 17                | 346                      | 319                        | 17              | 14                 | 8                       | 22             | 2              | 23            |
| Mass.<br>R.I.             | 411<br>53         | 837<br>54         | 6,039<br>1,659           | 5,812<br>1,501             | 16<br>3<br>4    | 20<br>2            | 64<br>6                 | 104<br>11      | 28<br>5        | 98<br>11      |
| Conn.                     | 235               | 368               | 3,643                    | 4,612                      | 136             | 9                  | 15                      | 51             | 19             | 52            |
| MID. ATLANTIC             | 3,974             | 5,374             | 45,132                   | 38,723                     |                 | 188                | 91                      | 231            | 102            | 167           |
| Upstate N.Y.              | 322               | 539               | 7,920                    | 818                        | 55              | 50                 | 70                      | 140            | 66             | 38            |
| N.Y. City                 | 1,996             | 2,958             | 17,748                   | 16,041                     | 54              | 97                 | 4                       | 15             | 7              | 10            |
| N.J.                      | 960               | 1,065             | 6,033                    | 7,262                      | 4               | 7                  | 17                      | 76             | 29             | 73            |
| Pa.                       | 696               | 812               | 13,431                   | 14,602                     | 23              | 34                 | N                       | N              |                | 46            |
| E.N. CENTRAL              | 1,408             | 2,253             | 55,665                   | 70,061                     | 333             | 256                | 263                     | 500            | 171            | 392           |
| Ohio                      | 237               | 344               | 7,727                    | 18,320                     | 80              | 29                 | 75                      | 75             | 51             | 90            |
| Ind.                      | 165               | 214               | 8,243                    | 7,545                      | 37              | 13                 | 42                      | 56             | 25             | 56            |
| III.                      | 665               | 1,289             | 15,471                   | 19,770                     | 1               | 41                 | 59                      | 112            | 41             | 89            |
| Mich.                     | 261               | 297               | 17,468                   | 14,856                     | 78              | 38                 | 32                      | 63             | 27             | 50            |
| Wis.                      | 80                | 109               | 6,756                    | 9,570                      | 137             | 135                | 55                      | 194            | 27             | 107           |
| W.N. CENTRAL              | 454               | 568               | 20,475                   | 22,804                     | 139             | 107                | 196                     | 313            | 159            | 326           |
| Minn.                     | 85                | 101               | 3,906                    | 4,686                      | 70              | 21                 | 85                      | 79             | 69             | 95            |
| Iowa                      | 47                | 60                | 1,858                    | 2,959                      | 34              | 32                 | 31                      | 81             | 24             | 80            |
| Mo.                       | 218               | 277               | 7,764                    | 7,828                      | 11              | 15                 | 25                      | 71             | 38             | 64            |
| N. Dak.                   | 1                 | 2                 | 569                      | 529                        | 6               | 7                  | 9                       | 8              | 14             | 15            |
| S. Dak.                   | 18                | 4                 | 957                      | 1,071                      | 5               | 9                  | 12                      | 17             | 8              | 28            |
| Nebr.                     | 39                | 38                | 1,999                    | 2,218                      | 13              | 20                 | 22                      | 41             |                | 34            |
| Kans.                     | 46                | 86                | 3,422                    | 3,513                      | -               | 3                  | 12                      | 16             | 6              | 10            |
| S. ATLANTIC               | 6,167             | 6,200             | 75,000                   | 76,042                     | 177             | 153                | 106                     | 160            | 61             | 170           |
| Del.                      | 116               | 111               | 1,697                    | 1,718                      | 2               | 4                  | 1                       | 1              | 3              | -             |
| Md.                       | 751               | 705               | 6,909                    | 7,908                      | 28              | 8                  | 8 -                     | 13             | 1              | 1             |
| D.C.                      | 465               | 448               | 1,764                    | 1,880                      | 9               | 5                  |                         | -              | U              | U             |
| Va.                       | 501               | 395               | 11,466                   | 9,637                      | 13              | 4                  | 28                      | 34             | 20             | 35            |
| W. Va.                    | 49                | 37                | 1,379                    | 1,260                      | 1               | 3                  | 4                       | 10             | 1              | 7             |
| N.C.                      | 402               | 371               | 11,072                   | 13,004                     | 18              | 15                 | 27                      | 30             | 17             | 44            |
| S.C.                      | 350               | 486               | 6,705                    | 5,114                      |                 |                    | 3                       | 10             | 3              | 12            |
| Ga.                       | 757               | 704               | 13,906                   | 16,206                     | 62              | 73                 | 15                      | 26             | 9              | 31            |
| Fla.                      | 2,776             | 2,943             | 20,102                   | 19,315                     | 44              | 41                 | 20                      | 36             | 7              | 40            |
| E.S. CENTRAL              | 977               | 1,097             | 28,881                   | 29,010                     | 25              | 31                 | 50                      | 73             | 44             | 61            |
| Ky.                       | 201               | 127               | 5,213                    | 4,701                      | 3               | 4                  | 18                      | 22             | 24             | 20            |
| Tenn.                     | 293               | 438               | 8,752                    | 8,464                      | 5               | 7                  | 21                      | 30             | 18             | 32            |
| Ala.                      | 224               | 301               | 7,984                    | 8,520                      | 9               | 10                 | 9                       | 5              |                | 4             |
| Miss.                     | 259               | 231               | 6,932                    | 7,325                      | 8               | 10                 | 2                       | 16             | 2              | 5             |
| W.S. CENTRAL              | 2,058             | 2,383             | 60,317                   | 61,854                     | 20              | 57                 | 36                      | 164            | 56             | 200           |
| Ark.                      | 104               | 111               | 4,283                    | 3,864                      | 5               | 5                  | 4                       | 36             | -              | 30            |
| La.                       | 472               | 366               | 9,778                    | 11,214                     | 7               | 10                 | 2                       | 13             | 24             | 28            |
| Okla.                     | 107               | 185               | 6,201                    | 4,999                      | 6               | 4                  | 13                      | 9              | 17             | 7             |
| Tex.                      | 1,375             | 1,721             | 40,055                   | 41,777                     | 2               | 38                 | 17                      | 106            | 15             | 135           |
| MOUNTAIN                  | 714               | 836               | 21,605                   | 23,820                     | 69              | 46                 | 134                     | 205            | 79             | 159           |
| Mont.<br>Idaho            | 12<br>15          | 9<br>16           | 1,015<br>956             | 885<br>1,106               | 6<br>8          | 8                  | 7<br>18                 | 22<br>24       | -              | 19            |
| Wyo.                      | 1                 | 7                 | 482                      | 465                        | 1               | 5                  | 7                       | 10             | 1              | 6             |
| Colo.                     | 140               | 200               | 3,694                    | 7,167                      | 19              | 13                 | 54                      | 83             | 44             |               |
| N. Mex.<br>Ariz.          | 56<br>295         | 88<br>244         | 3,153<br>8,732           | 2,885<br>7,613             | 11<br>4         | 3                  | 9<br>16                 | 9<br>30        | 6              | 58<br>9<br>26 |
| Utah<br>Nev.              | 63<br>132         | 86<br>186         | 961<br>2,612             | 1,419<br>2,280             | 18<br>2         | 8                  | 17<br>6                 | 23<br>4        | 18<br>1        | 26<br>34<br>7 |
| PACIFIC                   | 2,647             | 3,220             | 72,614                   | 71,173                     | 141             | 157                | 160                     | 316            | 130            | 227           |
| Wash.<br>Oreg.            | 290<br>112        | 291<br>107        | 8,085<br>2,464           | 7,572<br>4,144             | N<br>15         | U<br>10            | 48<br>22<br>70          | 108<br>52      | 31<br>17<br>70 | 118<br>56     |
| Calif.<br>Alaska          | 2,204<br>13<br>28 | 2,727<br>12<br>83 | 58,254<br>1,620<br>2,191 | 55,936<br>1,438            | 123<br>-<br>3   | 147<br>-           | 78<br>3<br>9            | 125<br>22<br>9 | 79<br>-<br>3   | 44<br>1<br>8  |
| Hawaii<br>Guam            | 28<br>9           | 13                | ر ا ۱ کار                | 2,083<br>295               | -<br>-          | -                  | 9<br>N                  | 9<br>N         | U              | U             |
| P.R.<br>V.I.              | 580<br>2          | 707<br>24         | 1,692<br>53              | U<br>-                     | -               | -                  | 1<br>-                  | 5<br>-         | U<br>U         | U<br>U        |
| Amer. Samoa<br>C.N.M.I.   | -                 | -                 | Ü<br>72                  | U<br>U                     | U<br>-          | U<br>U             | U<br>-                  | U<br>U         | Ŭ<br>U         | Ŭ<br>U        |
|                           |                   |                   |                          |                            |                 |                    |                         |                |                |               |

N: Not notifiable. U: Unavailable. -: No reported cases. C.N.M.I.: Commonwealth of Northern Mariana Islands.

\*Individual cases can be reported through both the National Electronic Telecommunications System for Surveillance (NETSS) and the Public Health Laboratory Information System (PHLIS).

† Chlamydia refers to genital infections caused by *C. trachomatis*. Totals reported to the Division of STD Prevention, NCHSTP.

† Updated monthly from reports to the Division of HIV/AIDS Prevention — Surveillance and Epidemiology, National Center for HIV, STD, and TB Prevention. Last update June 26, 2001.

TABLE II. (Cont'd) Provisional cases of selected notifiable diseases, United States, weeks ending August 4, 2001, and August 5, 2000 (31st Week)

|  | Gono   | rrhea  | Hepati<br>Non-A,              | tis C;                          | Legione                          |                                   | Listeriosis                  | Lyme<br>Disease                  |   |  |
|--|--|--|-------------------------------|---------------------------------|----------------------------------|-----------------------------------|------------------------------|----------------------------------|---|--|
| Reporting Area   | Cum.<br>2001   | Cum.<br>2000   | Cum.<br>2001                  | Cum.<br>2000                    | Cum.<br>2001                     | Cum.<br>2000                      | Cum.<br>2001                 | Cum.<br>2001                     | Cum.<br>2000                            |  |
| UNITED STATES  | 181,058  | 203,990  | 2,009                         | 1,989                           | 509                              | 509                               | 249                          | 4,468                            | 8,299                                   |  |
| NEW ENGLAND<br>Maine<br>N.H.                               | 3,617<br>79<br>98                                    | 3,895<br>50<br>65                                      | 14<br>-<br>-                  | 16<br>1<br>-                    | 27<br>3<br>6                     | 28<br>2<br>2<br>3                 | 29<br>-<br>1                 | 1,291<br>-<br>78                 | 2,172<br>-<br>36                        |  |
| Vt.<br>Mass.<br>R.I.<br>Conn.                              | 43<br>1,843<br>422<br>1,132                          | 35<br>1,572<br>367<br>1,806                            | 6<br>8<br>-<br>-              | 3<br>8<br>4                     | 4<br>6<br>2<br>6                 | 3<br>13<br>3<br>5                 | 1<br>15<br>1<br>11           | 4<br>152<br>183<br>874           | 13<br>832<br>211<br>1,080               |  |
| MID. ATLANTIC<br>Upstate N.Y.<br>N.Y. City<br>N.J.<br>Pa.  | 22,445<br>4,741<br>7,453<br>3,641<br>6,610           | 21,926<br>3,983<br>6,791<br>4,368<br>6,784             | 764<br>34<br>-<br>697<br>33   | 426<br>23<br>-<br>376<br>27     | 90<br>31<br>6<br>5<br>48         | 129<br>36<br>19<br>10<br>64       | 37<br>16<br>6<br>7<br>8      | 2,241<br>1,283<br>1<br>85<br>872 | 4,637<br>1,524<br>150<br>1,914<br>1,049 |  |
| E.N. CENTRAL<br>Ohio<br>Ind.<br>III.<br>Mich.<br>Wis.      | 29,873<br>4,537<br>3,413<br>9,593<br>10,052<br>2,278 | 41,147<br>10,912<br>3,487<br>12,288<br>10,382<br>4,078 | 113<br>7<br>1<br>11<br>94     | 157<br>5<br>-<br>16<br>136      | 128<br>69<br>13<br>-<br>30<br>16 | 134<br>50<br>23<br>19<br>22<br>20 | 29<br>9<br>4<br>-<br>14<br>2 | 223<br>62<br>3<br>-<br>-<br>158  | 572<br>39<br>14<br>30<br>18<br>471      |  |
| W.N. CENTRAL<br>Minn.<br>Iowa<br>Mo.<br>N. Dak.<br>S. Dak. | 8,703<br>1,268<br>428<br>4,660<br>18<br>144          | 10,103<br>1,866<br>663<br>4,956<br>41<br>166           | 444<br>3<br>-<br>434<br>-     | 360<br>5<br>1<br>345<br>-       | 37<br>9<br>6<br>12<br>1<br>3     | 35<br>3<br>7<br>17<br>-<br>2      | 7<br>-<br>-<br>4<br>-        | 154<br>112<br>19<br>14<br>-      | 109<br>48<br>12<br>34<br>-              |  |
| Nebr.<br>Kans.   | 687<br>1,498   | 863<br>1,548   | 3<br>4                        | 3<br>6                          | 5<br>1                           | 2<br>4                            | 1<br>2                       | 3<br>6                           | 2<br>13                                 |  |
| S. ATLANTIC<br>Del.<br>Md.<br>D.C.<br>Va.                  | 46,911<br>959<br>3,821<br>1,558<br>6,637             | 53,119<br>972<br>5,350<br>1,400<br>5,975               | 64<br>-<br>10<br>-<br>-       | 63<br>2<br>8<br>2<br>3          | 106<br>3<br>23<br>7<br>14        | 85<br>5<br>27<br>-<br>14          | 42<br>-<br>5<br>-<br>7       | 452<br>28<br>286<br>7<br>85      | 670<br>137<br>392<br>2<br>82            |  |
| W. Va.<br>N.C.<br>S.C.<br>Ga.<br>Fla.                      | 365<br>9,838<br>4,782<br>7,521<br>11,430             | 387<br>10,522<br>4,887<br>10,199<br>13,427             | 8<br>10<br>5<br>-<br>31       | 12<br>13<br>1<br>2<br>20        | N<br>5<br>4<br>6<br>44           | N<br>8<br>2<br>5<br>24            | 4<br>2<br>3<br>8<br>13       | 8<br>19<br>2<br>-<br>17          | 21<br>25<br>2<br>-<br>9                 |  |
| E.S. CENTRAL<br>Ky.<br>Tenn.<br>Ala.<br>Miss.              | 18,645<br>2,028<br>5,839<br>6,232<br>4,546           | 20,905<br>2,031<br>6,670<br>6,825<br>5,379             | 133<br>4<br>43<br>2<br>84     | 289<br>22<br>62<br>7<br>198     | 36<br>8<br>17<br>9<br>2          | 19<br>11<br>5<br>2<br>1           | 11<br>4<br>3<br>4            | 19<br>9<br>6<br>4                | 24<br>5<br>15<br>2<br>2                 |  |
| W.S. CENTRAL<br>Ark.<br>La.<br>Okla.<br>Tex.               | 29,318<br>2,646<br>6,813<br>2,836<br>17,023          | 32,197<br>2,117<br>7,993<br>2,142<br>19,945            | 161<br>3<br>74<br>3<br>81     | 513<br>5<br>275<br>5<br>228     | 5<br>-<br>2<br>3<br>-            | 20<br>7<br>2<br>11                | 6<br>1<br>-<br>2<br>3        | 7<br>-<br>1<br>-<br>6            | 50<br>5<br>4<br>-<br>41                 |  |
| MOUNTAIN<br>Mont.<br>Idaho<br>Wyo.                         | 5,891<br>53<br>39<br>37                              | 6,146<br>27<br>53<br>35                                | 232<br>1<br>1<br>190          | 42<br>2<br>3<br>2               | 36<br>-<br>2<br>4                | 23<br>1<br>4                      | 23<br>-<br>1<br>1            | 8<br>-<br>3<br>3                 | 5<br>-<br>1<br>2                        |  |
| Colo.<br>N. Mex.<br>Ariz.<br>Utah<br>Nev.                  | 1,840<br>503<br>2,394<br>86<br>939                   | 1,879<br>622<br>2,534<br>145<br>851                    | 13<br>10<br>9<br>2<br>6       | 8<br>11<br>11<br>-<br>5         | 10<br>2<br>11<br>5<br>2          | 7<br>1<br>5<br>5                  | 3<br>6<br>6<br>1<br>5        | 1<br>-<br>-<br>-<br>1            | -<br>-<br>-<br>-<br>2                   |  |
| PACIFIC<br>Wash.<br>Oreg.<br>Calif.<br>Alaska<br>Hawaii    | 15,655<br>1,789<br>362<br>12,920<br>230<br>354       | 14,552<br>1,330<br>547<br>12,207<br>187<br>281         | 84<br>16<br>9<br>59<br>-<br>- | 123<br>19<br>21<br>81<br>-<br>2 | 44<br>6<br>N<br>34<br>-<br>4     | 36<br>13<br>N<br>23               | 65<br>4<br>1<br>57<br>-<br>3 | 73<br>4<br>5<br>62<br>2<br>N     | 60<br>3<br>5<br>51<br>1<br>N            |  |
| Guam<br>P.R.<br>V.I.                                       | 455<br>6   | 27<br>308  | -<br>1<br>-                   | 2<br>1<br>-                     | 2                                | -<br>1<br>-                       | -<br>-<br>-                  | N<br>-                           | N<br>-                                  |  |
| Amer. Samoa<br>C.N.M.I.                                    | Ü<br>7   | U  | Ü                             | U                               | Ū<br>-                           | U                                 | -                            | Ü                                | Ü                                       |  |

N: Not notifiable.

U: Unavailable.

-: No reported cases.

TABLE II. (Cont'd) Provisional cases of selected notifiable diseases, United States, weeks ending August 4, 2001, and August 5, 2000 (31st Week)

|  | Weeks ending Aug                               |  | 1,400 1,120  | , o i , aii a , i  |   |   | nellosis*  |  |
|--|--|--|--|--|---|---|--|--|
|  | Mal  | laria  | Rabie  | es, Animal   | NE  | TSS   |  | HLIS   |
| Reporting Area   | Cum.<br>2001                                   | Cum.<br>2000   | Cum.<br>2001   | Cum.<br>2000   | Cum.<br>2001  | Cum.<br>2000  | Cum.<br>2001   | Cum.<br>2000   |
| UNITED STATES  | 601  | 772  | 3,586  | 4,031  | 17,849  | 20,193  | 14,104   | 17,800   |
| NEW ENGLAND<br>Maine<br>N.H.<br>Vt.  | 35<br>3<br>2                                   | 40<br>4<br>1<br>2                                    | 369<br>42<br>7<br>37                                       | 451<br>85<br>8<br>40   | 1,298<br>122<br>114<br>41   | 1,260<br>85<br>79<br>69   | 1,088<br>102<br>115<br>39  | 1,308<br>63<br>84<br>68  |
| Mass.<br>R.I.<br>Conn.   | 11<br>3<br>16                                  | 15<br>5<br>13  | 138<br>33<br>112   | 143<br>26<br>149   | 747<br>66<br>208  | 743<br>65<br>219  | 460<br>97<br>275   | 739<br>93<br>261   |
| MID. ATLANTIC<br>Upstate N.Y.<br>N.Y. City<br>N.J.<br>Pa.                    | 132<br>38<br>57<br>19<br>18                    | 172<br>36<br>90<br>24<br>22                          | 653<br>428<br>13<br>100<br>112                             | 722<br>450<br>6<br>95<br>171                                   | 2,263<br>654<br>558<br>501<br>550                                   | 2,793<br>644<br>718<br>678<br>753                                   | 2,271<br>622<br>701<br>527<br>421                                | 2,887<br>740<br>729<br>549<br>869                                |
| E.N. CENTRAL<br>Ohio<br>Ind.<br>III.<br>Mich.<br>Wis.                        | 60<br>16<br>13<br>1<br>19                      | 89<br>13<br>5<br>46<br>18<br>7                       | 54<br>17<br>1<br>9<br>21<br>6                              | 67<br>15<br>-<br>12<br>30<br>10                                | 2,508<br>773<br>285<br>634<br>438<br>378                            | 2,752<br>631<br>312<br>893<br>520<br>396                            | 1,983<br>630<br>266<br>429<br>421<br>237                         | 1,767<br>655<br>351<br>1<br>552<br>208                           |
| W.N. CENTRAL<br>Minn.<br>Iowa<br>Mo.<br>N. Dak.<br>S. Dak.<br>Nebr.<br>Kans. | 23<br>6<br>3<br>8<br>-<br>-<br>2<br>4          | 37<br>13<br>1<br>9<br>2<br>-<br>6<br>6               | 206<br>23<br>45<br>20<br>24<br>25<br>4<br>65               | 367<br>55<br>52<br>30<br>89<br>66<br>1                         | 1,168<br>382<br>176<br>306<br>16<br>74<br>80<br>134                 | 1,323<br>291<br>197<br>409<br>34<br>57<br>122<br>213                | 1,187<br>383<br>168<br>423<br>48<br>63<br>-<br>102               | 1,489<br>405<br>203<br>497<br>51<br>61<br>93<br>179              |
| S. ATLANTIC Del. Md. D.C. Va. W. Va. N.C. S.C. Ga. Fla.                      | 172<br>1<br>71<br>11<br>35<br>1<br>9<br>5<br>8 | 167<br>3<br>61<br>12<br>32<br>2<br>12<br>1<br>1<br>4 | 1,315<br>21<br>178<br>259<br>80<br>344<br>78<br>223<br>132 | 1,376<br>20<br>255<br>-<br>357<br>74<br>345<br>84<br>157<br>84 | 4,419<br>49<br>452<br>46<br>804<br>63<br>627<br>433<br>662<br>1,283 | 3,780<br>65<br>437<br>33<br>516<br>87<br>513<br>360<br>637<br>1,132 | 2,842<br>43<br>418<br>U<br>497<br>71<br>570<br>374<br>624<br>245 | 3,203<br>74<br>409<br>U<br>530<br>86<br>567<br>304<br>959<br>274 |
| E.S. CENTRAL<br>Ky.<br>Tenn.<br>Ala.<br>Miss.                                | 18<br>6<br>8<br>3<br>1                         | 24<br>8<br>5<br>10<br>1                              | 121<br>14<br>76<br>31                                      | 112<br>15<br>63<br>34  | 1,097<br>183<br>294<br>341<br>279                                   | 1,131<br>214<br>281<br>304<br>332                                   | 751<br>126<br>302<br>244<br>79                                   | 908<br>162<br>400<br>284<br>62                                   |
| W.S. CENTRAL<br>Ark.<br>La.<br>Okla.<br>Tex.                                 | 6<br>3<br>1<br>1                               | 54<br>2<br>9<br>4<br>39                              | 506<br>19<br>-<br>45<br>442                                | 580<br>20<br>2<br>39<br>519                                    | 1,285<br>307<br>250<br>182<br>546                                   | 2,547<br>339<br>435<br>204<br>1,569                                 | 1,147<br>92<br>360<br>184<br>511                                 | 1,548<br>282<br>349<br>160<br>757                                |
| MOUNTAIN<br>Mont.<br>Idaho   | 29<br>2<br>3                                   | 30<br>1<br>2   | 144<br>21<br>10  | 162<br>39<br>5   | 1,166<br>44<br>81   | 1,486<br>62<br>82   | 778<br>-<br>4  | 1,468<br>-<br>71   |
| Wyo.<br>Colo.<br>N. Mex.<br>Ariz.<br>Utah<br>Nev.                            | 15<br>1<br>3<br>3<br>2                         | -<br>15<br>-<br>5<br>3<br>4                          | 20<br>7<br>83<br>2<br>1                                    | 39<br>-<br>14<br>60<br>4<br>1                                  | 40<br>310<br>139<br>345<br>135<br>72                                | 42<br>438<br>134<br>349<br>219<br>160                               | 22<br>276<br>116<br>216<br>121<br>23                             | 36<br>414<br>135<br>386<br>270<br>156                            |
| PACIFIC<br>Wash.<br>Oreg.<br>Calif.<br>Alaska<br>Hawaii                      | 126<br>4<br>5<br>109<br>1<br>7                 | 159<br>13<br>26<br>112<br>-<br>8                     | 218<br>-<br>-<br>181<br>37<br>-                            | 194<br>-<br>5<br>165<br>24                                     | 2,645<br>285<br>131<br>1,990<br>26<br>213                           | 3,121<br>275<br>184<br>2,502<br>33<br>127                           | 2,057<br>358<br>186<br>1,332<br>2<br>179                         | 3,222<br>391<br>239<br>2,437<br>24<br>131                        |
| Guam<br>P.R.<br>V.I.   | -<br>3<br>-                                    | -<br>4<br>-  | 62<br>-  | 50<br>-  | 324<br>-  | 17<br>359   | U<br>U<br>U  | U<br>U<br>U  |
| Amer. Samoa<br>C.N.M.I.  | U<br>-   | U<br>U   | U<br>-   | U<br>U   | U<br>8  | U<br>U  | Ü  | Ŭ<br>U   |

N: Not notifiable. U: Unavailable. -: No reported cases.

\* Individual cases can be reported through both the National Electronic Telecommunications System for Surveillance (NETSS) and the Public Health Laboratory Information System (PHLIS).

TABLE II. (Cont'd) Provisional cases of selected notifiable diseases, United States, weeks ending August 4, 2001, and August 5, 2000 (31st Week)

|                               | weeks end    |              |              | <u>01, and A</u>  |              | <u>2000 (31st</u>      | : Week)      |                   |
|-------------------------------|--------------|--------------|--------------|-------------------|--------------|------------------------|--------------|-------------------|
|                               | NET          | Shige<br>SS  |              | PHLIS             |              | philis<br>& Secondary) | Tube         | rculosis          |
| Reporting Area                | Cum.<br>2001 | Cum.<br>2000 | Cum.<br>2001 | Cum.<br>2000      | Cum.<br>2001 | Cum.<br>2000           | Cum.<br>2001 | Cum.<br>2000      |
| UNITED STATES                 | 8,543        | 12,302       | 4,164        | 6,865             | 3,197        | 3,603                  | 6,806        | 8,205             |
| NEW ENGLAND                   | 128          | 226          | 111          | 214               | 29           | 52                     | 245          | 235               |
| Maine<br>N.H.                 | 6 2          | 6<br>4       | 2 2          | 4 7               | <br>-<br>1   | 1                      | 7<br>11      | 8<br>11           |
| Vt.                           | 4            | 2            | 2            | -                 | 2            | -                      | 2            | 4                 |
| Mass.<br>R.I.                 | 86<br>8      | 158<br>19    | 63<br>18     | 145<br>19         | 17<br>3      | 35<br>4                | 139<br>21    | 137<br>24         |
| Conn.                         | 22           | 37           | 24           | 39                | 6            | 11                     | 65           | 51                |
| MID. ATLANTIC<br>Upstate N.Y. | 704<br>343   | 1,694<br>479 | 538          | 1,063<br>172      | 287<br>18    | 173<br>7               | 1,347<br>185 | 1,342             |
| N.Y. City                     | 196          | 727          | 76<br>240    | 454               | 155          | 72                     | 702          | 165<br>726        |
| N.J.<br>Pa.                   | 40<br>125    | 331<br>157   | 157<br>65    | 277<br>160        | 57<br>57     | 40<br>54               | 305<br>155   | 318<br>133        |
| E.N. CENTRAL                  | 1,859        | 2,519        | 910          | 752               | 527          | 758                    | 703          | 790               |
| Ohio                          | 1,205        | 175          | 605          | 152               | 46           | 47                     | 125          | 172               |
| Ind.<br>III.                  | 138<br>234   | 906<br>731   | 25<br>143    | 112<br>2          | 103<br>138   | 233<br>263             | 55<br>353    | <i>7</i> 7<br>361 |
| Mich.                         | 166          | 497          | 118          | 449               | 223          | 181                    | 135          | 126               |
| Wis.<br>W.N. CENTRAL          | 116<br>927   | 210          | 19<br>712    | 37<br>1.000       | 17<br>40     | 34<br>47               | 35<br>258    | 54<br>297         |
| Minn.                         | 286          | 1,298<br>374 | 288          | 1,080<br>415      | 20           | 7                      | 138          | 93                |
| lowa<br>Mo.                   | 277<br>165   | 291<br>439   | 222<br>118   | 224<br>309        | 1<br>8       | 10<br>25               | 18<br>70     | 25<br>112         |
| N. Dak.                       | 16           | 4            | 12           | 8                 | -            | -                      | 3            | 2                 |
| S. Dak.<br>Nebr.              | 89<br>49     | 4<br>61      | 50           | 3<br>50           | 2            | 2                      | 8<br>21      | 11<br>12          |
| Kans.                         | 45           | 125          | 22           | 71                | 9            | 3                      | -            | 42                |
| S. ATLANTIC<br>Del.           | 1,281<br>5   | 1,572<br>10  | 380<br>4     | 592<br>10         | 1,149<br>8   | 1,184<br>5             | 1,357<br>9   | 1,681<br>8        |
| Md.                           | 71           | 97           | 37           | 58                | 135          | 172                    | 123          | 149               |
| D.C.<br>Va.                   | 31<br>136    | 30<br>256    | U<br>57      | U<br>217          | 24<br>70     | 21<br>79               | 16<br>145    | 14<br>166         |
| W. Va.                        | 7            | 3<br>92      | 7            | 3                 | -            | 2                      | 19           | 20                |
| N.C.<br>S.C.                  | 225<br>165   | 68           | 112<br>72    | 59<br>59          | 278<br>155   | 327<br>129             | 196<br>123   | 216<br>161        |
| Ga.<br>Fla.                   | 134<br>507   | 143<br>873   | 72<br>19     | 116<br><i>7</i> 0 | 185<br>294   | 225<br>224             | 235<br>491   | 357<br>590        |
| E.S. CENTRAL                  | 816          | 562          | 349          | 333               | 369          | 525                    | 431          | 543               |
| Ky.<br>Tenn.                  | 294<br>60    | 182<br>232   | 155<br>60    | 50<br>257         | 26<br>204    | 57<br>317              | 71<br>159    | 60<br>207         |
| Ala.                          | 155          | 34           | 114          | 23                | 74           | 72                     | 149          | 179               |
| Miss.                         | 307          | 114          | 20           | 3                 | 65           | 79                     | 52           | 97                |
| W.S. CENTRAL<br>Ark.          | 1,028<br>388 | 1,988<br>124 | 693<br>155   | 594<br>43         | 413<br>22    | 485<br>66              | 686<br>85    | 1,220<br>118      |
| La.<br>Okla.                  | 108<br>29    | 182<br>67    | 112<br>14    | 110<br>26         | 82<br>41     | 123<br><i>7</i> 2      | -<br>89      | 94<br>93          |
| Tex.                          | 503          | 1,615        | 412          | 415               | 268          | 224                    | 512          | 915               |
| MOUNTAIN                      | 501          | 557          | 259          | 388               | 134          | 130                    | 246          | 291               |
| Mont.<br>Idaho                | 1<br>23      | 5<br>37      | -            | 23                | -            | -<br>1                 | -<br>7       | 6<br>4            |
| Wyo.                          | 2            | 3<br>94      | -<br>80      | 2<br>57           | -<br>24      | 1<br>5                 | 2<br>66      | 1                 |
| Colo.<br>N. Mex.              | 101<br>66    | 62           | 40           | 48                | 10           | 10                     | 16           | 45<br>28          |
| Ariz.<br>Utah                 | 239<br>36    | 231<br>37    | 99<br>32     | 151<br>48         | 89<br>7      | 108<br>1               | 101<br>18    | 121<br>27         |
| Nev.                          | 33           | 88           | 8            | 59                | 4            | 4                      | 36           | 59                |
| PACIFIC                       | 1,299        | 1,886        | 212          | 1,849             | 249          | 249                    | 1,533        | 1,806             |
| Wash.<br>Oreg.                | 113<br>46    | 329<br>109   | 119<br>65    | 298<br>71         | 34<br>4      | 47<br>9                | 143<br>58    | 148<br>53         |
| Calif.<br>Alaska              | 1,102<br>4   | 1,417<br>7   | -<br>1       | 1,457<br>3        | 205          | 192                    | 1,215<br>27  | 1,451<br>69       |
| Hawaii                        | 34           | 24           | 27           | 20                | 6            | 1                      | 90           | 85                |
| Guam<br>P.R.                  | -<br>6       | 28<br>21     | U<br>U       | U<br>U            | -<br>259     | 2<br>104               | -<br>54      | 33<br>92          |
| V.I.                          | -            | -            | U            | U                 | -            | -                      | -            | -                 |
| Amer. Samoa<br>C.N.M.I.       | U<br>4       | U<br>U       | U<br>U       | U<br>U            | U<br>-       | U<br>U                 | U<br>20      | U<br>U            |

N: Not notifiable. U: Unavailable. -: No reported cases.

\*Individual cases can be reported through both the National Electronic Telecommunications System for Surveillance (NETSS) and the Public Health Laboratory Information System (PHLIS).

TABLE III. Provisional cases of selected notifiable diseases preventable by vaccination, United States, weeks ending August 4, 2001, and August 5, 2000 (31st Week)

|                        | U :=4:                    |                         | 1                 | epatitis (V  |                 |              | T VVC  | CK,          | Mose   | les (Rubec   | vla)         |              |
|------------------------|---------------------------|-------------------------|-------------------|--------------|-----------------|--------------|--------|--------------|--------|--------------|--------------|--------------|
|                        |                           | <i>ienzae,</i><br>isive |                   | epatitis (v  | пан, ву гу<br>В | pe           | Indige | nous         | Impo   |              | Tota         |              |
| Reporting Area         | Cum.<br>2001 <sup>†</sup> | Cum.<br>2000            | Cum.<br>2001      | Cum.<br>2000 | Cum.<br>2001    | Cum.<br>2000 | 2001   | Cum.<br>2001 | 2001   | Cum.<br>2001 | Cum.<br>2001 | Cum.<br>2000 |
| UNITED STATES          | 834                       | 798                     | 5,467             | 7,509        | 3,718           | 4,133        | 1      | 43           | -      | 32           | 75           | 61           |
| NEW ENGLAND            | 46                        | ങ                       | 279               | 230          | 59              | 71           | -      | 4            | -      | 1            | 5            | 6            |
| Maine<br>N.H.          | 1<br>-                    | 1<br>10                 | 5<br>11           | 11<br>17     | 5<br>11         | 5<br>11      | -      | -            | -      | -            | -            | 3            |
| Vt.<br>Mass.           | 2<br>33                   | 5<br>31                 | 8<br>98           | 7<br>90      | 3<br>2          | 6<br>8       | -      | 1<br>2       | -      | -<br>1       | 1<br>3       | 3            |
| R.I.                   | 2                         | 1                       | 15                | 15           | 14              | 13           | -      | -            | -      | -            | -            | -            |
| Conn.<br>MID. ATLANTIC | 8<br>107                  | 15<br>152               | 142<br>504        | 90<br>813    | 24<br>566       | 28<br>716    | -      | 1<br>2       | -      | 9            | 1<br>11      | 20           |
| Upstate N.Y.           | 43                        | 59                      | 161               | 133          | 82              | 77           | -      | 1            | -      | 4            | 5            | 9            |
| N.Y. City<br>N.J.      | 27<br>27                  | 41<br>30                | 181<br><i>7</i> 0 | 294<br>147   | 290<br>64       | 347<br>118   | -      | -            | -      | 1            | -<br>1       | 10           |
| Pa.                    | 10                        | 22                      | 92                | 239          | 130             | 174          | -      | 1            | -      | 4            | 5            | 1            |
| E.N. CENTRAL<br>Ohio   | 112<br>49                 | 120<br>39               | 586<br>147        | 976<br>161   | 475<br>71       | 431<br>72    | -      | -            | -      | 10<br>3      | 10<br>3      | 6<br>2       |
| Ind.<br>III.           | 34<br>10                  | 17<br>41                | 53<br>166         | 39<br>431    | 26<br>74        | 30<br>65     | -      | -            | -      | 4            | 4            | -<br>3       |
| Mich.                  | 6                         | 8                       | 182               | 293          | 304             | 242          | -      | -            | -      | -            | -            | 1            |
| Wis.                   | 13                        | 15<br>~                 | 38                | 52           | - 110           | 22           | U      | -            | U      | -            | -            | -            |
| W.N. CENTRAL<br>Minn.  | 41<br>24                  | 39<br>20                | 233<br>16         | 490<br>131   | 116<br>13       | 182<br>21    | -      | 4<br>2       | -      | -            | 4<br>2       | 1<br>1       |
| lowa<br>Mo.            | 11                        | 12                      | 22<br>60          | 51<br>216    | 14<br>59        | 19<br>96     | -      | 2            | -      | -            | 2            | -            |
| N. Dak.<br>S. Dak.     | 4                         | 2                       | 2<br>1            | 2            | -<br>1          | 2            | -      | -            | -      | -            | -            | -            |
| Nebr.                  | 1<br>1                    | 3<br>2                  | 27<br>105         | 22<br>68     | 16              | 28<br>16     | -      | -            | -      | -            | -            | -            |
| Kans.<br>S. ATLANTIC   | 251                       | 186                     | 1,256             | 766          | 13<br>769       | 709          | 1      | 4            | -      | 1            | 5            | 2            |
| Del.                   | -                         | -                       | -                 | 10           | -               | 9            | -      | -            | -      | -            | -            | -            |
| Md.<br>D.C.            | 59                        | 52                      | 166<br>29         | 97<br>15     | 90<br>11        | 78<br>19     |        | 2            | -      | 1<br>-       | 3            | -            |
| Va.<br>W. Va.          | 18<br>9                   | 29<br>4                 | 76<br>7           | 92<br>47     | 88<br>20        | 93<br>7      | 1 -    | 1<br>-       | -      | -            | 1<br>-       | 2            |
| N.C.<br>S.C.           | 32<br>5                   | 18<br>7                 | 92<br>45          | 99<br>32     | 113<br>19       | 154<br>6     | -      | -            | -      | -            | -            | -            |
| Ga.<br>Fla.            | 64<br>64                  | 49<br>27                | 498<br>343        | 126<br>248   | 181<br>247      | 121<br>222   | -      | 1            | -      | -            | 1            | -            |
| E.S. CENTRAL           | 55                        | 36                      | 205               | 276          | 255             | 291          | -      | 2            | -      | -            | 2            | -            |
| Ky.                    | 2<br>27                   | 12                      | 47<br>82          | 32<br>97     | 22<br>136       | 56<br>133    | -      | 2            | -      | -            | 2            | -            |
| Tenn.<br>Ala.          | 25                        | 15<br>7                 | 63                | 40           | 55              | 33           | -      | -            | -      | -            | -            | -            |
| Miss.                  | 1                         | 2                       | 13                | 107          | 42              | 69           | -      | -            | -      | -            | -            | -            |
| W.S. CENTRAL<br>Ark.   | 31                        | 43<br>1                 | 616<br>44         | 1,407<br>100 | 422<br>57       | 623<br>66    | Ū      | 1<br>-       | Ü      | -            | 1 -          | -            |
| La.<br>Okla.           | 3<br>28                   | 12<br>28                | 47<br>92          | 46<br>168    | 28<br>63        | 89<br>87     | U<br>- | -            | U<br>- | -            | -            | -            |
| Tex.                   | -                         | 2                       | 433               | 1,093        | 274             | 381          | -      | 1            | -      | -            | 1            | -            |
| MOUNTAIN<br>Mont.      | 114<br>-                  | 79<br>-                 | 510<br>8          | 524<br>3     | 344<br>2        | 312<br>3     | -      | -            | -      | 1 -          | 1<br>-       | 12           |
| ldaho<br>Wyo.          | 1<br>17                   | 3<br>1                  | 48<br>22          | 19<br>4      | 9<br>31         | 5            | -      | -            | -      | 1            | 1            | -            |
| Colo.                  | 25                        | 16                      | 44                | 129          | 71              | 50           | U      | -            | U      | -            | -            | 2            |
| N. Mex.<br>Ariz.       | 14<br>42<br>6             | 17<br>32<br>7           | 22<br>270         | 50<br>246    | 84<br>106       | 100<br>112   | -      | -            | -      | -            | -            | -            |
| Utah<br>Nev.           | 6<br>9                    | 7<br>3                  | 54<br>42          | 33<br>40     | 16<br>25        | 14<br>28     | Ū      | -            | Ū      | -            | -            | 3<br>7       |
| PACIFIC                | 77                        | 80                      | 1,278             | 2,027        | 712             | 798          | -      | 26           | -      | 10           | 36           | 14           |
| Wash.<br>Oreg.         | 2<br>17                   | 3<br>22                 | 76<br>51          | 178<br>132   | 76<br>43        | 52<br>65     | -      | 13<br>3      | -      | 2            | 15<br>3      | 3            |
| Calif.<br>Alaska       | 17<br>32<br>3             | 22<br>29<br>6           | 1,136<br>14       | 1,694<br>11  | 573<br>5        | 664<br>8     | -      | 8            | -      | 4            | 12           | 8<br>1       |
| Hawaii                 | 23                        | 20                      | 1                 | 12           | 15              | 9            | -      | 2            | -      | 4            | 6            | 2            |
| Guam<br>P.R.           | -<br>1                    | 1<br>3                  | -<br>58           | 1<br>177     | -<br>102        | 9<br>168     | U<br>U | -            | U<br>U | -            | -            | 2            |
| V.I.<br>Amer. Samoa    | Ü                         | J<br>U                  | -<br>U            | 1//<br>U     | 102<br>-<br>U   | -<br>U       | Ü      | Ū            | Ü      | -<br>-<br>U  | -<br>-<br>U  | -<br>U       |
| C.N.M.I.               | -                         | Ü                       | -                 | Ü            | 20              | Ü            | Ü      | -            | Ü      | -            | -            | Ü            |

N: Not notifiable. U: Unavailable. -: No reported cases.
\*For imported measles, cases include only those resulting from importation from other countries.

† Of 168 cases among children aged <5 years, serotype was reported for 81, and of those, 15 were type b.

TABLE III. (Cont'd) Provisional cases of selected notifiable diseases preventable by vaccination, United States, weeks ending August 4, 2001, and August 5, 2000 (31st Week)

|                               | _             | a                | nd Au  | (31st V      | Neek)        |         | _            |                   |        |              |              |
|-------------------------------|---------------|------------------|--------|--------------|--------------|---------|--------------|-------------------|--------|--------------|--------------|
|                               | Disc          | jococcal<br>ease |        | Mumps        |              |         | Pertussis    |                   |        | Rubella      |              |
| Reporting Area                | Cum.<br>2001  | Cum.<br>2000     | 2001   | Cum.<br>2001 | Cum.<br>2000 | 2001    | Cum.<br>2001 | Cum.<br>2000      | 2001   | Cum.<br>2001 | Cum.<br>2000 |
| UNITED STATES                 | 1,475         | 1,468            | 4      | 124          | 221          | 38      | 2,574        | 3,481             | -      | 16           | 96           |
| NEW ENGLAND                   | 80            | 86               | -      | -            | 3            | -       | 258          | 921               | -      | -            | 11           |
| Maine<br>N.H.                 | 1<br>10       | 7<br>9           | -      | -            | -            | -       | -<br>25      | 14<br>74          | -      | -            | 2            |
| Vt.<br>Mass.                  | 4<br>46       | 2<br>50          | -      | -            | -<br>1       | -       | 24<br>193    | 162<br>626        | -      | -            | -<br>8       |
| R.I.                          | 2             | 6                | -      | -            | 1            | -       | 2            | 12                | -      | -            | -            |
| Conn.                         | 17            | 12               | -      | -            | 1            | -       | 14           | 33                | -      | -            | 1            |
| MID. ATLANTIC<br>Upstate N.Y. | 150<br>43     | 168<br>47        | -      | 11<br>1      | 17<br>5      | -       | 202<br>109   | 321<br>150        | -      | 4<br>1       | 8<br>1       |
| N.Y. City<br>N.J.             | 30<br>38      | 35<br>30         | -      | 7<br>-       | 5<br>3       | -       | 33<br>8      | 49<br>24          | -      | 2<br>1       | 7            |
| Pa.                           | 39            | 56               | -      | 3            | 4            | -       | 52           | 98                | -      | -            | -            |
| E.N. CENTRAL                  | 188           | 252              | -      | 12           | 17           | 5       | 306          | 394               | -      | 3            | 1            |
| Ohio<br>Ind.                  | 63<br>31      | 57<br>31         | -      | 1<br>1       | 7<br>-       | -<br>5  | 189<br>32    | 193<br>40         | -      | -<br>1       | -            |
| III.<br>Mich.                 | 20<br>43      | 64<br>73         | -      | 8<br>2       | 5<br>4       | -       | 33<br>28     | 36<br>46          | -      | 2            | 1            |
| Wis.                          | 31            | 27               | Ū      | -            | 1            | Ū       | 26<br>24     | 79                | Ū      | -            | -            |
| W.N. CENTRAL                  | 101           | 100              | -      | 6            | 12           | 2       | 129          | 185               | -      | 2            | 1            |
| Minn.<br>Iowa                 | 15<br>21      | 14<br>21         | -      | 2            | 5            | -       | 31<br>16     | 88<br>26          | -      | -<br>1       | -            |
| Mo.<br>N. Dak.                | 37<br>5       | 48<br>2          | -      | -            | 4            | 1       | 61           | 37<br>2           | -      | -            | -            |
| S. Dak.                       | 4             | 5                | -      | -            | -            | -       | 3            | 3                 | -      | -            |              |
| Nebr.<br>Kans.                | 10<br>9       | 4<br>6           | -      | 1<br>3       | 1<br>2       | -<br>1  | 4<br>14      | 5<br>24           | -      | -<br>1       | 1<br>-       |
| S. ATLANTIC                   | 281           | 215              | 2      | 20           | 31           | 4       | 131          | 249               | -      | 4            | 50           |
| Del.<br>Md.                   | 2<br>34       | -<br>21          | -      | 4            | 6            | -       | -<br>17      | 7<br>69           | -      | -<br>1       | -            |
| D.C.                          | -             | -                | 2      | 4            | -<br>5       | -       | 1            | 2                 | -      | -            | -            |
| Va.<br>W. Va.                 | 30<br>10      | 34<br>10         | -      | -            | -            | 2       | 15<br>1      | 36<br>1           | -      | -            | -            |
| N.C.<br>S.C.                  | 57<br>28      | 31<br>15         | -      | 1<br>1       | 4<br>10      | -       | 46<br>23     | 51<br>20          | -      | 2            | 42<br>6      |
| Ga.<br>Fla.                   | 36<br>84      | 37<br>67         | -      | 7<br>3       | 2            | 2       | 7<br>21      | 21<br>42          | -      | -<br>1       | 2            |
| E.S. CENTRAL                  | 100           | 102              |        | 3            | 4            | 3       | 62           | 71                | -      | 1            | 5            |
| Ky.                           | 18            | 21               | -      | 1            | -            | -       | 11           | 35                | -      | -            | 1            |
| Tenn.<br>Ala.                 | 44<br>29      | 41<br>29         | -      | -            | 2<br>2       | 3       | 27<br>21     | 21<br>12          | -      | 1<br>-       | 1<br>3       |
| Miss.                         | 9             | 11               | -      | 2            | -            | -       | 3            | 3                 | -      | -            | -            |
| W.S. CENTRAL<br>Ark.          | 169<br>12     | 154<br>10        | Ū      | 8<br>1       | 24<br>1      | 10<br>U | 218<br>8     | 178<br><b>2</b> 9 | Ū      | -            | 6<br>1       |
| La.<br>Okla.                  | 54<br>23      | 35<br>21         | Ū      | 2            | 5            | Ū       | 2<br>1       | 12<br>9           | Ū      | -            | 1            |
| Tex.                          | 80            | 88               | -      | 5            | 18           | 10      | 207          | 128               | -      | -            | 4            |
| MOUNTAIN                      | 74            | 65               | -      | 7            | 14           | 7       | 927          | 435               | -      | 1            | 2            |
| Mont.<br>Idaho                | 3<br>7        | 4<br>6           | -      | -            | 1<br>-       | -       | 14<br>164    | 12<br>43          | -      | -            | -            |
| Wyo.<br>Colo.                 | 6<br>25       | -<br>21          | Ū      | 1<br>1       | 1            | Ū       | 1<br>165     | 2<br>242          | Ū      | -<br>1       | -<br>1       |
| N. Mex.                       | 11            | 6                | -      | 2            | 1            | 4       | <b>6</b> 8   | 74                | -      | -            | -            |
| Ariz.<br>Utah                 | 11<br>7       | 19<br>6          | -      | 1<br>1       | 3<br>4       | 3       | 460<br>46    | 41<br>12          | -      | -            | 1<br>-       |
| Nev.                          | 4             | 3                | U      | 1            | 4            | Ú       | 9            | 9                 | U      | -            | -            |
| PACIFIC<br>Wash.              | 332<br>51     | 326<br>35        | 2      | 57<br>1      | 99<br>4      | 7<br>6  | 341<br>90    | 727<br>217        | -      | 1<br>-       | 12<br>7      |
| Oreg.                         | 25<br>245     | 40               | N<br>1 | N<br>29      | N<br>72      | -       | 30           | 74                | -      | -            | -            |
| Calif.<br>Alaska              | 245<br>2<br>9 | 238<br>5         | -      | 1            | 8            | 1       | 193<br>3     | 390<br>18         | -      | -            | 5<br>-       |
| Hawaii                        | 9             | 8                | 1      | 26           | 15           | -       | 25           | 28                | -      | 1            | -            |
| Guam<br>P.R.                  | 3             | -<br>7           | U<br>U | -            | 11<br>-      | U       | 2            | 3<br>5            | U<br>U | -            | 1<br>-       |
| V.I.<br>Amer. Samoa           | -<br>U        | -<br>U           | U<br>U | -<br>U       | Ū            | U<br>U  | Ū            | Ū                 | U<br>U | Ū            | Ū            |
| C.N.M.I.                      | -             | Ü                | ŭ      |              | Ŭ            | Ŭ       | -            | ŭ                 | ŭ      | -            | ŭ            |

N: Not notifiable.

U: Unavailable.

TABLE IV. Deaths in 122 U.S. cities,\* week ending August 4, 2001 (31st Week)

|  | ,  | All Cau  | ıses, By   | Age (Y  |  |  | P&I   | ) I (S ISL WEE  |   | All Cau  | ıses, By   | / Age (Y  | ears)  |   | P&I†   |
|--|--|--|--|---|--|--|---|---|---|--|--|---|--|---|--|
| Reporting Area   | All<br>Ages  | ≥65  | 45-64  | 25-44   | 1-24   | <1   | Total   | Reporting Area  | All<br>Ages   | ≥65  | 45-64  | 25-44   | 1-24   | <1  | Total  |
| NEW ENGLAND<br>Boston, Mass.<br>Bridgeport, Conn<br>Cambridge, Mass<br>Fall River, Mass.<br>Hartford, Conn.<br>Lowell, Mass.<br>Lynn, Mass.<br>New Bedford, Ma<br>New Haven, Conn<br>Providence, R.I.<br>Somerville, Mass<br>Springfield, Mass<br>Waterbury, Conn.<br>Worcester, Mass. | . 24<br>27<br>60<br>23<br>12<br>ss. 28<br>. 37<br>U<br>. 5 | 259<br>U<br>U<br>19<br>22<br>38<br>16<br>10<br>23<br>29<br>U<br>4<br>37<br>23<br>38            | 3<br>4<br>U<br>-<br>4<br>3<br>10                 | 22<br>U U -<br>-<br>5<br>3<br>1<br>2<br>2<br>U 1<br>1                                   | 4<br>U<br>U<br>-<br>-<br>2<br>-<br>-<br>-<br>U<br>-<br>-<br>-<br>2 | 7<br>U<br>U<br>-<br>3<br>1<br>-<br>2<br>U  | 26<br>UU - 1<br>4<br>2<br>1<br>3<br>3<br>U - 1<br>2<br>9        | S. ATLANTIC Atlanta, Ga. Baltimore, Md. Charlotte, N.C. Jacksonville, Fla Miami, Fla. Norfolk, Va. Richmond, Va. Savannah, Ga. St. Petersburg, F Tampa, Fla. Washington, D.G Wilmington, D.E E.S. CENTRAL Birmingham, Ali                       | 125<br>46<br>55<br>50<br>Fla. 51<br>163<br>C. 200<br>I. 29<br>778                               | 801<br>95<br>107<br>49<br>91<br>88<br>24<br>21<br>37<br>38<br>112<br>123<br>16<br>503<br>115 | 330<br>53<br>65<br>25<br>31<br>21<br>11<br>17<br>8<br>7<br>34<br>45<br>13      | 116<br>20<br>25<br>8<br>6<br>12<br>5<br>9<br>4<br>12<br>15                            | 41<br>5<br>4<br>5<br>3<br>3<br>1<br>5<br>2<br>1<br>4<br>8<br>-       | 35<br>5<br>2<br>2<br>5<br>1<br>5<br>2<br>2<br>1<br>1<br>9     | 58<br>5<br>13<br>8<br>6<br>10<br>1<br>3<br>3<br>3<br>2<br>4<br>-<br>72<br>15 |
| MID. ATLANTIC<br>Albany, N.Y.<br>Allentown, Pa.<br>Buffalo, N.Y.<br>Camden, N.J.<br>Elizabeth, N.J.<br>Erie, Pa.§<br>Jersey City, N.J.<br>New York City, N.Y.  | 2,041<br>54<br>26<br>85<br>23<br>25<br>37<br>44<br>4 1 032 | 1,407<br>43<br>18<br>60<br>13<br>18<br>30<br>32<br>694   | 2<br>7<br>5<br>7                                 | 136<br>1<br>-<br>3<br>4<br>-<br>1<br>4<br>78  | 43<br>1<br>-<br>1<br>1<br>-<br>1<br>1<br>18                        | 36<br>1<br>-<br>5<br>3<br>-<br>-<br>16   | 101<br>3<br>1<br>6<br>2<br>-<br>2<br>-<br>40                    | Chattanooga, Te<br>Knoxville, Tenn.<br>Lexington, Ky.<br>Memphis, Tenn.<br>Mobile, Ala.<br>Montgomery, A<br>Nashville, Tenn.<br>W.S. CENTRAL  | 82<br>59<br>. 167<br>53   | 44<br>56<br>34<br>110<br>39<br>34<br>71<br>798   | 14<br>17<br>15<br>36<br>9<br>7<br>30<br>287                                    | 8<br>6<br>4<br>12<br>3<br>4<br>8  | 1<br>1<br>6<br>1<br>2<br>3   | 4<br>2<br>5<br>3<br>1<br>-<br>6                               | 4<br>7<br>3<br>16<br>3<br>7<br>17  |
| Newark, N.J. Paterson, N.J. Philadelphia, Pa. Philadelphia, Pa. Reading, Pa. Rochester, N.Y. Schenectady, N.Y Scranton, Pa. Syracuse, N.Y. Trenton, N.J. Utica, N.Y. Yonkers, N.Y.   | 29<br>303<br>38<br>18<br>112                               | 15<br>193<br>24<br>14<br>78<br>19<br>34<br>78<br>24<br>20<br>U                                 | U<br>6   | 23<br>6<br>8<br>2<br>1<br>2<br>U  | 1<br>11<br>-<br>-<br>3<br>1<br>1<br>2<br>-<br>1<br>U               | U<br>4<br>1<br>-<br>1<br>2<br>-<br>2<br>1  | 15<br>15<br>13<br>2<br>10<br>2<br>1                             | Austin, Tex. Baton Rouge, La Corpus Christi, Toallas, Tex. El Paso, Tex. Ft. Worth, Tex. Houston, Tex. Little Rock, Ark. New Orleans, La San Antonio, Te Shreveport, La. Tulsa, Okla.   | 74<br>UFex. 52<br>217<br>45<br>119<br>364<br>53<br>. U<br>x. 230                                | 45<br>U<br>31<br>133<br>29<br>72<br>194<br>32<br>U<br>165<br>-<br>97                         | 20<br>U 16<br>55<br>8<br>24<br>83<br>9<br>U 45<br>27                           | 5<br>U<br>3<br>20<br>3<br>6<br>52<br>6<br>U<br>14<br>10                               | 2<br>U<br>1<br>6<br>-<br>7<br>26<br>4<br>U<br>4<br>-<br>2            | 2<br>U<br>1<br>3<br>5<br>10<br>9<br>1<br>U<br>2<br>3          | 3<br>U<br>1<br>23<br>1<br>2<br>31<br>-<br>U<br>7<br>-<br>11                  |
| E.N. CENTRAL<br>Akron, Ohio<br>Canton, Ohio<br>Chicago, III.<br>Cincinnati, Ohio<br>Cleveland, Ohio<br>Columbus, Ohio<br>Dayton, Ohio<br>Detroit, Mich.<br>Evansville, Ind.<br>Fort Wayne, Ind.<br>Gary, Ind.<br>Grand Rapids, Mi<br>Indianapolis, Ind.                                |  | 1,080<br>28<br>21<br>U<br>53<br>81<br>113<br>111<br>115<br>34<br>53<br>9                       | 34<br>32<br>23<br>48<br>10<br>13<br>9<br>7<br>40 | 114<br>3<br>U 7<br>13<br>9<br>8<br>21<br>2<br>6<br>1<br>2                               | 27<br>2<br>U 1<br>2<br>-<br>2<br>6<br>-<br>-<br>3<br>2             | 47<br>2<br>U<br>4<br>2<br>3<br>3<br>10<br>1<br>2<br>-<br>1<br>9                    | 113<br>3<br>U<br>13<br>10<br>10<br>13<br>12<br>7<br>3<br>1<br>5 | MOUNTAIN Albuquerque, N Boise, Idaho Colo. Springs, C Denver, Colo. Las Vegas, Nev. Ogden, Utah Phoenix, Ariz. Pueblo, Colo. Salt Lake City, U Tucson, Ariz. PACIFIC Berkeley, Calif. Fresno, Calif.  | 38<br>folo. 54<br>102<br>264<br>30<br>155<br>21   | 683<br>77<br>23<br>33<br>63<br>176<br>17<br>84<br>20<br>70<br>120<br>1,238<br>10<br>88       | 204<br>15<br>9<br>15<br>19<br>60<br>8<br>36<br>1<br>20<br>21<br>317<br>3<br>22 | 99<br>10<br>4<br>5<br>14<br>20<br>3<br>24<br>-<br>11<br>8                             | 24<br>1<br>2<br>1<br>1<br>6<br>1<br>6<br>-<br>5<br>1<br>36<br>-<br>4 | 15<br>1<br>-<br>5<br>2<br>1<br>4<br>-<br>1<br>30<br>3         | 50<br>6<br>1<br>2<br>7<br>2<br>8<br>-<br>7<br>15<br>122<br>-<br>5            |
| Lansing, Mich. Milwaukee, Wis. Peoria, III. Rockford, III. South Bend, Ind. Toledo, Ohio Youngstown, Ohi W.N. CENTRAL Des Moines, lowa Duluth, Minn. Kansas City, Kans Kansas City, Mo. Lincoln, Nebr. Minneapolis, Min Omaha, Nebr. St. Louis, Mo. St. Paul, Minn. Wichita, Kans.     | 736<br>49<br>18<br>. 24<br>94<br>36                        | 21<br>78<br>28<br>28<br>43<br>68<br>50<br>490<br>40<br>11<br>63<br>22<br>131<br>64<br>43<br>38 | 6<br>8<br>16<br>7<br>37<br>18<br>34              | 7<br>2<br>3<br>4<br>5<br>3<br>4<br>9<br>2<br>2<br>2<br>5<br>6<br>14<br>2<br>9<br>3<br>4 | 25<br>5<br>11<br>1<br>23<br>23<br>11<br>33<br>56<br>62<br>1        | 1<br>-<br>2<br>1<br>3<br>3<br>24<br>1<br>-<br>1<br>7<br>-<br>1<br>2<br>5<br>4<br>3 | - 15 1 2 5 3 · 45 5 2 2 4 4 12 8 · 2 6                          | Glendale, Calif. Honolulu, Hawa Long Beach, Cal Los Angeles, Cal Pasadena, Calif. Portland, Oreg. Sacramento, Cal San Diego, Calif. San Francisco, C San Jose, Calif. Santa Cruz, Calif. Santa Cruz, Calif. Seattle, Wash. Spokane, Wash. TOTAL | 30<br>ii 66<br>if. 73<br>lif. 541<br>33<br>111<br>lif. 137<br>. 156<br>Calif. U<br>164<br>f. 27 | 26<br>37<br>48<br>400<br>29<br>85<br>99<br>95<br>U<br>124<br>17<br>88<br>27<br>65            | 3<br>23<br>16<br>95<br>1<br>18<br>26<br>40<br>U<br>23<br>9<br>19<br>5<br>14    | 1<br>2<br>8<br>33<br>2<br>6<br>13<br>U<br>11<br>-<br>8<br>2<br>3<br>3<br>8<br>12<br>8 | 2<br>-<br>6<br>-<br>4<br>4<br>4<br>U<br>3<br>1<br>5<br>1<br>2<br>271 | 2<br>1<br>7<br>1<br>2<br>2<br>4<br>U<br>2<br>-<br>5<br>1<br>- | 2<br>4<br>9<br>40<br>5<br>6<br>13<br>6<br>U<br>15<br>4<br>-<br>5<br>8<br>666 |

U: Unavailable. -:No reported cases.

\*Mortality data in this table are voluntarily reported from 122 cities in the United States, most of which have populations of ≥100,000. 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.

¹Pneumonia and influenza.

<sup>\*</sup>Because of changes in reporting methods in this Pennsylvania city, these numbers are partial counts for the current week. Complete counts will be available in 4 to 6 weeks.

\*Total includes unknown ages.

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