

MORBIDITY AND MORTALITY

WEEKLY REPORT

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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 schoolassociated 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 schoolassociated 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.

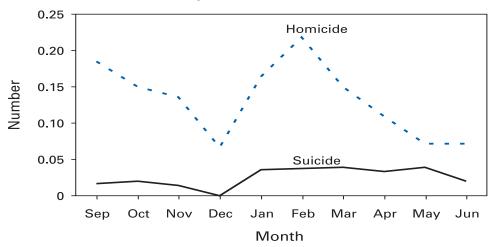


FIGURE 1. Number of student homicide and suicide events per school day, by month — United States, 1992–1999 school years

# 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 seventhgrade 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*).

	October	February– April	October	February– April
Characteristic	1999*	<b>2000</b> <sup>†</sup>	2000*	2001 <sup>†</sup>
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%

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

\*State Mandated Immunization Survey.

<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 guestionnaire. 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  $\geq$ 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).

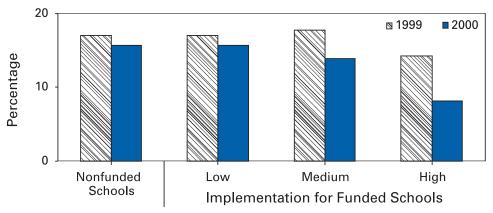
Reported by: K Rohde, MA, B Pizacani, MPH, M Stark, PhD, M Pietrukowicz, PhD, C Mosbaek, C Romoli, MPH, M Kohn, MD, J Moore, PhD, Oregon Health Div. Office on Smoking and Health and Div of Adolescent and School Health, National Center for Chronic Disease Prevention and Health Promotion, CDC.

**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 Cl 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\*



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

Completeness	No. schools	No. students	Smoking prevalence (%)*	Odds 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%	0.8	(0.6–1.0) <sup>§</sup>
Highest ranked	9	1061	8.2%	0.7	(0.5–0.9)

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

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

<sup>†</sup> Confidence interval.

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

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

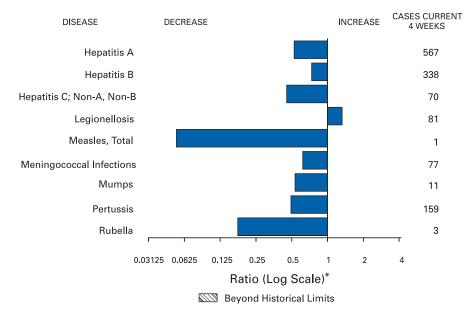
### Tobacco Control Initiative — Continued

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

\* 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.

		Cum. 2001		Cum. 2001
Anthrax		-	Poliomyelitis, paralytic	-
Brucellosis*		39	Psittacosis*	9
Cholera		4	O fever*	15
Cyclosporiasis	*	75	Rabies, human	1
Diphtheria	-	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:		9	Streptococcal toxic-shock syndrome*	36
	eastern equine*	2	Syphilis, congenital <sup>§</sup>	84
	St. Louis*	-	Tetanus	15
	western equine*	-	Toxic-shock syndrome	77
Hansen diseas		45	Trichinosis	13
	Imonary syndrome*	4	Tularemia*	53
	mic syndrome, postdiarrheal*	61	Typhoid fever	145
HIV infection,		98	Yellow fever	
Plague		2		

### TABLE I. Summary of provisional cases of selected notifiable diseases, United States, cumulative, week ending August 4, 2001 (31st Week)

-: No reported cases.

\*Not notifiable in all states.

<sup>1</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.

<sup>§</sup> 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)

	AI	15	Chlamydia <sup>+</sup>		Cryptor	poridiosis	NE.	<i>Escherichia</i> TSS	<i>coli</i> O157:H7 PH	
Demosting Area	Cum.	Cum.	Cum.	Cum.	Cum.	Cum.	Cum.	Cum.	Cum.	Cum.
Reporting Area	<b>2001</b> <sup>§</sup> 19,145	2000 23,248	2001 392,801	2000 407,197	2001 1,088	2000 1,056	2001 1,166	2,181	2001 888	2000 1,923
NEW ENGLAND Maine N.H. Vt. Mass. R.I. Conn.	746 20 17 10 411 53 235	1,317 20 21 17 837 54 368	13,112 668 757 346 6,039 1,659 3,643	13,710 836 630 319 5,812 1,501 4,612	48 6 2 17 16 3 4	61 9 7 14 20 2 9	130 17 20 8 64 6 15	219 14 17 22 104 11 51	86 15 17 2 28 5 19	221 16 21 23 98 11 52
MID. ATLANTIC Upstate N.Y. N.Y. City N.J. Pa.	3,974 322 1,996 960 696	5,374 539 2,958 1,065 812	45,132 7,920 17,748 6,033 13,431	38,723 818 16,041 7,262 14,602	136 55 54 4 23	188 50 97 7 34	91 70 4 17 N	231 140 15 76 N	102 66 7 29	167 38 10 73 46
E.N. CENTRAL Ohio Ind. III. Mich. Wis.	1,408 237 165 665 261 80	2,253 344 214 1,289 297 109	55,665 7,727 8,243 15,471 17,468 6,756	70,061 18,320 7,545 19,770 14,856 9,570	333 80 37 1 78 137	256 29 13 41 38 135	263 75 42 59 32 55	500 75 56 112 63 194	171 51 25 41 27 27	392 90 56 89 50 107
W.N. CENTRAL Minn. Iowa Mo. N. Dak. S. Dak. S. Dak. Nebr. Kans.	454 85 47 218 1 18 39 46	568 101 60 277 2 4 38 86	20,475 3,906 1,858 7,764 569 957 1,999 3,422	22,804 4,686 2,959 7,828 529 1,071 2,218 3,513	139 70 34 11 6 5 13	107 21 32 15 7 9 20 3	196 85 31 25 9 12 22 12	313 79 81 71 8 17 41 16	159 69 24 38 14 8 - 6	326 95 80 64 15 28 34 10
S. ATLANTIC Del. Md. D.C. Va. W. Va. N.C. S.C. Ga. Fla.	6,167 116 751 465 501 49 402 350 757 2,776	6,200 111 705 448 395 371 486 704 2,943	75,000 1,697 6,909 1,764 11,466 1,379 11,072 6,705 13,906 20,102	76,042 1,718 7,908 1,880 9,637 1,260 13,004 5,114 16,206 19,315	177 2 28 9 13 1 18 62 44	153 4 8 5 4 3 15 - 73 41	106 1 - 28 4 27 3 15 20	160 1 - 34 10 30 10 26 36	61 3 U 20 1 17 3 9 7	170 - 1 35 7 44 12 31 40
E.S. CENTRAL Ky. Tenn. Ala. Miss.	977 201 293 224 259	1,097 127 438 301 231	28,881 5,213 8,752 7,984 6,932	29,010 4,701 8,464 8,520 7,325	25 3 5 9 8	31 4 7 10 10	50 18 21 9 2	73 22 30 5 16	44 24 18 - 2	61 20 32 4 5
W.S. CENTRAL Ark. La. Okla. Tex.	2,058 104 472 107 1,375	2,383 111 366 185 1,721	60,317 4,283 9,778 6,201 40,055	61,854 3,864 11,214 4,999 41,777	20 5 7 6 2	57 5 10 4 38	36 4 2 13 17	164 36 13 9 106	56 - 24 17 15	200 30 28 7 135
MOUNTAIN Mont. Idaho Wyo. Colo. N. Mex. Ariz. Utah Nev.	714 12 15 140 56 295 63 132	836 9 16 7 200 88 244 86 186	21,605 1,015 956 482 3,694 3,153 8,732 961 2,612	23,820 885 1,106 465 7,167 2,885 7,613 1,419 2,280	69 6 1 19 11 4 18 2	46 8 3 5 13 3 8 3 8 3	134 7 18 7 54 9 16 17 6	205 22 24 10 83 9 30 23 4	79 - 1 44 6 9 18 1	159 - 19 6 58 9 26 34 7
PACIFIC Wash. Oreg. Calif. Alaska Hawaii	2,647 290 112 2,204 13 28	3,220 291 107 2,727 12 83	72,614 8,085 2,464 58,254 1,620 2,191	71,173 7,572 4,144 55,936 1,438 2,083	141 N 15 123 - 3	157 U 10 147 -	160 48 22 78 3 9	316 108 52 125 22 9	130 31 17 79 3	227 118 56 44 1 8
Guam P.R. V.I. Amer. Samoa C.N.M.I.	9 580 2 - -	13 707 24 -	1,692 53 U 72	295 U U U	- - U	- - U U	N 1 - U -	N 5 U U	U U U 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.

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	Gonorrhea Cum. Cum.		Hepatin Non-A, I	tis C; Non-B	Legione		Listeriosis	Ly Dise	me ease
Reporting Area	Cum. 2001	Cum. 2000	Cum. 2001	Cum. 2000	Cum. 2001	Cum. 2000	Cum. 2001	Cum. 2001	Cum. 2000
UNITED STATES	181,058	203,990	2,009	1,989	509	509	249	4,468	8,299
NEW ENGLAND Maine N.H. Vt. Mass. R.I. Conn.	3,617 79 98 43 1,843 422 1,132	3,895 50 65 35 1,572 367 1,806	14 - - 6 8 -	16 1 - 3 8 4	27 3 6 4 6 2 6	28 2 3 13 3 5	29 - 1 15 1 11	1,291 - 78 4 152 183 874	2,172 - - - - - - - - - - - - - - - - - - -
MID. ATLANTIC Upstate N.Y. N.Y. City N.J. Pa.	22,445 4,741 7,453 3,641 6,610	21,926 3,983 6,791 4,368 6,784	764 34 - 697 33	426 23 376 27	90 31 6 5 48	129 36 19 10 64	37 16 6 7 8	2,241 1,283 1 85 872	4,637 1,524 150 1,914 1,049
E.N. CENTRAL Ohio Ind. III. Mich. Wis.	29,873 4,537 3,413 9,593 10,052 2,278	41,147 10,912 3,487 12,288 10,382 4,078	113 7 1 11 94	157 5 16 136 -	128 69 13 - 30 16	134 50 23 19 22 20	29 9 4 - 14 2	223 62 3 - 158	572 39 14 30 18 471
W.N. CENTRAL Minn. Iowa Mo. N. Dak. S. Dak. S. Dak. Nebr. Kans.	8,703 1,268 428 4,660 18 144 687 1,498	10,103 1,866 663 4,956 41 166 863 1,548	444 3 - 434 - 3 4	360 5 1 345 - 3 6	37 9 6 12 1 3 5 1	35 3 7 17 - 2 2 4	7 - 4 - 1 2	154 112 19 14 - 3 6	109 48 12 34 - - 2 13
S. ATLANTIC Del. Md. D.C. Va. W. Va. N.C. S.C. Ga. Fla.	46,911 959 3,821 1,558 6,637 365 9,838 4,782 7,521 11,430	53,119 972 5,350 1,400 5,975 387 10,522 4,887 10,199 13,427	64 - - 8 10 5 - 31	63 2 8 2 3 12 13 1 2 20	106 3 23 7 14 N 5 4 6 44	85 5 27 - 14 N 8 2 5 24	42 5 7 4 2 3 8 13	452 28 286 7 85 8 19 2 - 17	670 137 392 2 82 21 25 2 2 9
E.S. CENTRAL Ky. Tenn. Ala. Miss.	18,645 2,028 5,839 6,232 4,546	20,905 2,031 6,670 6,825 5,379	133 4 43 2 84	289 22 62 7 198	36 8 17 9 2	19 11 5 2 1	11 4 3 4	19 9 6 4	24 5 15 2 2
W.S. CENTRAL Ark. La. Okla. Tex.	29,318 2,646 6,813 2,836 17,023	32,197 2,117 7,993 2,142 19,945	161 3 74 3 81	513 5 275 5 228	5 - 2 3 -	20 7 2 11	6 1 - 2 3	7 - 1 - 6	50 5 4 - 41
MOUNTAIN Mont. Idaho Wyo. Colo. N. Mex. Ariz. Utah Nev.	5,891 53 39 37 1,840 503 2,394 86 939	6,146 27 53 35 1,879 622 2,534 145 851	232 1 190 13 10 9 2 6	42 2 3 2 8 11 11 5	36 - 2 4 10 2 11 5 2	23 1 - 7 1 5 5 -	23 1 1 3 6 6 1 5	8 - 3 1 - - 1	5 - 2 - - 2
PACIFIC Wash. Oreg. Calif. Alaska Hawaii	15,655 1,789 362 12,920 230 354	14,552 1,330 547 12,207 187 281	84 16 9 59 - -	123 19 21 81 2	44 6 N 34 4	36 13 N 23	65 4 1 57 3	73 4 5 62 2 N	60 3 51 1 N
Guam P.R. V.I. Amer. Samoa C.N.M.I.	455 6 U 7	27 308 - U U	- 1 - U	2 1 - U U	2 - U	- 1 - U U	- - -	N - U	N U U
N: Not notifiable	LI: Unava	labla	- · No reporter						

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

N: Not notifiable.

-: No reported cases.

	WEEKS EII	any Aug	ust 4, 20	or, and A	ugust 5, i	2000 (3151 Salmor	nellosis*	
	Mal	laria	Rabies, Animal		NE	TSS		HLIS
Reporting Area	Cum. 2001	Cum. 2000	Cum. 2001	Cum. 2000	Cum. 2001	Cum. 2000	Cum. 2001	Cum. 2000
UNITED STATES	601	772	3,586	4,031	17,849	20,193	14,104	17,800
NEW ENGLAND Maine N.H. Vt. Mass. R.I. Conn.	35 3 - 11 3 16	40 4 1 2 15 5 13	369 42 7 37 138 33 112	451 85 40 143 26 149	1,298 122 114 41 747 66 208	1,260 85 79 69 743 65 219	1,088 102 115 39 460 97 275	1,308 63 84 68 739 93 261
MID. ATLANTIC Upstate N.Y. N.Y. City N.J. Pa.	132 38 57 19 18	172 36 90 24 22	653 428 13 100 112	722 450 6 95 171	2,263 654 558 501 550	2,793 644 718 678 753	2,271 622 701 527 421	2,887 740 729 549 869
E.N. CENTRAL Ohio Ind. III. Mich. Wis.	60 16 13 1 19 11	89 13 5 46 18 7	54 17 9 21 6	67 15 - 12 30 10	2,508 773 285 634 438 378	2,752 631 312 893 520 396	1,983 630 266 429 421 237	1,767 655 351 1 552 208
W.N. CENTRAL Minn. Iowa Mo. N. Dak. S. Dak. Nebr. Kans.	23 6 3 8 - - 2 4	37 13 1 9 2 - 6 6	206 23 45 20 24 25 4 65	367 55 52 30 89 66 1 74	1,168 382 176 306 16 74 80 134	1,323 291 197 409 34 57 122 213	1,187 383 168 423 48 63 - 102	1,489 405 203 497 51 61 93 179
S. ATLANTIC Del. Md. D.C. Va. W. Va. N.C. S.C. Ga. Fla.	172 1 71 11 35 1 9 5 8 31	167 3 61 12 32 2 12 1 1 4 40	1,315 21 178 259 80 344 78 223 132	1,376 20 255 357 74 345 84 157 84	4,419 49 452 804 63 627 433 662 1,283	3,780 65 437 33 516 87 513 360 637 1,132	2,842 43 418 U 497 71 570 374 624 245	3,203 74 409 530 86 567 304 959 274
E.S. CENTRAL Ky. Tenn. Ala. Miss.	18 6 8 3 1	24 8 5 10 1	121 14 76 31	112 15 63 34	1,097 183 294 341 279	1,131 214 281 304 332	751 126 302 244 <i>7</i> 9	908 162 400 284 62
W.S. CENTRAL Ark. La. Okla. Tex.	6 3 1 1 1	54 2 9 4 39	506 19 - 45 442	580 20 2 39 519	1,285 307 250 182 546	2,547 339 435 204 1,569	1,147 92 360 184 511	1,548 282 349 160 757
MOUNTAIN Mont. Idaho Wyo. Colo. N. Mex. Ariz. Utah Nev.	29 2 3 - 5 1 3 3 2	30 1 - 15 - 5 3 4	144 21 10 20 - 7 83 2 1	162 39 5 39 - 14 60 4 1	1,166 44 81 310 139 345 135 72	1,486 62 82 438 134 349 219 160	778 4 22 276 116 216 121 23	1,468 71 36 414 135 386 270 156
PACIFIC Wash. Oreg. Calif. Alaska Hawaii	126 4 5 109 1 7	159 13 26 112 - 8	218 - - 181 37	194 5 165 24	2,645 285 131 1,990 26 213	3,121 275 184 2,502 33 127	2,057 358 186 1,332 2 179	3,222 391 239 2,437 24 131
Guam P.R. V.I. Amer. Samoa C.N.M.I. N: Not potifiable	3 - U -	- 4 - U U Vailable	ez U	50 U U rted cases	324 U 8	17 359 - U U		U U U U

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

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).

		Shige	llosis*		Sv	philis		
	NET	SS	P	HLIS	(Primary 8	k Secondary)		rculosis
Reporting Area	Cum. 2001	Cum. 2000	Cum. 2001	Cum. 2000	Cum. 2001	Cum. 2000	Cum. 2001	Cum. 2000
UNITED STATES	8,543	12,302	4,164	6,865	3,197	3,603	6,806	8,205
NEW ENGLAND Maine N.H. Vt. Mass. R.I. Conn.	128 6 2 4 86 8 22	226 6 4 2 158 19 37	111 2 2 63 18 24	214 4 7 145 19 39	29 - 1 2 17 3 6	52 1 35 4 11	245 7 11 2 139 21 65	235 8 11 4 137 24 51
MID. ATLANTIC Upstate N.Y. N.Y. City N.J. Pa.	704 343 196 40 125	1,694 479 727 331 157	538 76 240 157 65	1,063 172 454 277 160	287 18 155 57 57	173 7 72 40 54	1,347 185 702 305 155	1,342 165 726 318 133
E.N. CENTRAL Ohio Ind. III. Mich. Wis.	1,859 1,205 138 234 166 116	2,519 175 906 731 497 210	910 605 25 143 118 19	752 152 112 2 449 37	527 46 103 138 223 17	758 47 233 263 181 34	703 125 55 353 135 35	790 172 77 361 126 54
W.N. CENTRAL Minn. Iowa Mo. N. Dak. S. Dak. Nebr. Kans.	927 286 277 165 16 89 49 49	1,298 374 291 439 4 4 61 125	712 288 222 118 12 50 - 22	1,080 415 224 309 8 3 50 71	40 20 1 8 - 2 9	47 7 10 25 - 2 3	258 138 18 70 3 8 21	297 93 25 112 2 11 12 12 42
S. ATLANTIC Del. Md. D.C. Va. W. Va. N.C. S.C. Ga. Fla.	1,281 5 71 136 7 225 165 134 507	1,572 10 97 30 256 3 92 68 143 873	380 4 37 57 7 112 72 72 19	592 10 58 U 217 3 59 59 116 70	1,149 8 135 24 70 - 278 155 185 294	1,184 5 172 21 79 2 327 129 225 224	1,357 9 123 16 145 19 196 123 235 491	1,681 8 149 166 20 216 161 357 590
E.S. CENTRAL Ky. Tenn. Ala. Miss.	816 294 60 155 307	562 182 232 34 114	349 155 60 114 20	333 50 257 23 3	369 26 204 74 65	525 57 317 72 79	431 71 159 149 52	543 60 207 179 97
W.S. CENTRAL Ark. La. Okla. Tex.	1,028 388 108 29 503	1,988 124 182 67 1,615	693 155 112 14 412	594 43 110 26 415	413 22 82 41 268	485 66 123 72 224	686 85 - 89 512	1,220 118 94 93 915
MOUNTAIN Mont. Idaho Wyo. Colo. N. Mex. Ariz. Utah Nev.	501 1 23 101 66 239 36 33	557 5 37 3 94 62 231 37 88	259 - - 80 40 99 32 8	388 - 23 2 57 48 151 48 59	134 - - 24 10 89 7 4	130 - 1 5 10 108 1 4	246 7 2 66 16 101 18 36	291 6 4 45 28 121 27 59
PACIFIC Wash. Oreg. Calif. Alaska Hawaii	1,299 113 46 1,102 4 34	1,886 329 109 1,417 7 24	212 119 65 1 27	1,849 298 71 1,457 3 20	249 34 4 205 6	249 47 9 192 1	1,533 143 58 1,215 27 90	1,806 148 53 1,451 69 85
Guam P.R. V.I. Amer. Samoa <u>C.N.M.I.</u>	6 - - 4	28 21 U U		U U U U U	259 - - -	2 104 - U U	54 U 20	33 92 - U U
N: Not notifiable.	U: Unav	vailable	- No repo	rted cases.				

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

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).

		And August 5, 2000 (31st Week) H. influenzae, Hepatitis (Viral), By Type Measles (Rubeola)										
	<i>H. influ</i> Inva			epatitis (Vi	1	pe	la dia an			les (Rubeo		
	Cum.	Cum.	A Cum.	Cum.	B Cum.	Cum.	Indiger	Cum.	Impo	Cum.	Total Cum.	Cum.
Reporting Area	2001 <sup>+</sup>	2000	2001	2000	2001	2000	2001	2001	2001	2001	2001	2000
UNITED STATES	834	798	5,467	7,509	3,718	4,133	1	43	-	32	75	61
NEW ENGLAND Maine	46 1	63 1	279 5	230 11	59 5	71 5	-	4	-	1	5	6
N.H.	-	10	11	17	11	11	-	-	-	-	:	3
Vt. Mass.	2 33	5 31	8 98	7 90	3 2	6 8	-	1 2	-	- 1	1 3	3
R.I. Conn.	2 8	1 15	15 142	15 90	14 24	13 28	-	- 1	-	-	- 1	-
MID. ATLANTIC	107	152	504	813	566	716	_	2		9	11	20
Upstate N.Y.	43	59	161	133	82	77	-	ī	-	4	5	9
N.Y. City N.J.	27 27	41 30	181 70	294 147	290 64	347 118	-	-	-	- 1	- 1	10 -
Pa.	10	22	92	239	130	174	-	1	-	4	5	1
E.N. CENTRAL Ohio	112 49	120 39	586 147	976 161	475 71	431 72	-	-	-	10 3	10 3	6 2
Ind.	34 10	17 41	53	39 431	26 74	30 65	-	-	-	4	4	- 3
III. Mich.	6	8	166 182	293	304	242	-	-	-	3	3	3 1
Wis.	13	15	38	52	-	22	U	-	U	-	-	-
W.N. CENTRAL Minn.	41 24	39 20	233 16	490 131	116 13	182 21	-	4 2	-	-	4 2	1 1
lowa Mo.	- 11	- 12	22 60	51 216	14 59	19 96	-	2	-	-	2	-
N. Dak.	4	2	2	210	-	2	-	-	-	-	-	-
S. Dak. Nebr.	- 1	- 3	1 27	22	1 16	- 28	-	-	-	-	-	-
Kans.	1	2	105	68	13	16	-	-	-	-	-	-
S. ATLANTIC Del.	251	186	1,256	766 10	769	709 9	1	4	-	1	5	2
Md. D.C.	59	52	166 29	97 15	90 11	78 19	-	2	-	1	3	-
Va.	18	29	76	92	88	93	1	1	-	-	1	2
W. Va. N.C.	9 32	4 18	7 92	47 99	20 113	7 154	-	-	-	-	-	-
S.C. Ga.	5 64	7 49	45 498	32 126	19 181	6 121	-	- 1	-	-	- 1	-
Fla.	64	27	343	248	247	222	-	-	-	-	-	-
E.S. CENTRAL	55 2	36 12	205 47	276 32	255 22	291 56	-	2 2	-	-	2 2	-
Ky. Tenn.	27	15	82	97	136	133	-	-	-	-	-	-
Ala. Miss.	25 1	7 2	63 13	40 107	55 42	33 69	-	-	-	-	-	-
W.S. CENTRAL	31	43	616	1,407	422	623	-	1	-	-	1	-
Ark. La.	- 3	1 12	44 47	100 46	57 28	66 89	U U	-	U U	-	-	-
Okla.	28	28 2	92 433	168 1,093	63 274	87 381	-	- 1	-	-	- 1	-
Tex. MOUNTAIN	114	2 79	433 510	524	344	312	-	1	-	- 1	1	- 12
Mont.	-	-	8	3	2	3	-	-	-	-	-	-
ldaho Wyo.	1 17	3 1	48 22	19 4	9 31	5	-	-	-	1	1	-
Colo. N. Mex.	25 14	16 17	44 22	129 50	71 84	50 100	U	-	U	-	-	2
Ariz.	42	32 7	270	246	106	112	-	-	-	-	-	-
Utah Nev.	6 9	3	54 42	33 40	16 25	14 28	Ū	-	Ū	-	-	3 7
PACIFIC	77	80	1,278	2,027	712	798	-	26	-	10	36	14
Wash. Oreg.	2 17	3 22	76 51	178 132	76 43	52 65	-	13 3	-	2	15 3	3
Caliř. Alaska	32 3	29 6	1,136 14	1,694 11	573 5	664 8	-	8	-	4	12	8 1
Hawaii	23	20	1	12	15	9	-	2	-	4	6	2
Guam P.R.	- 1	1 3	- 58	1 177	102	9 168	U U	-	U U	-	-	2
V.I.	-	-	-	-	-	-	U	-	U	-	-	-
Amer. Samoa C.N.M.I.	U	U U	U -	U U	U 20	U U	U U	U	U U	U	U	U U
N: Not potifichlo	1.1.1	Innyailable	-	No ron		-						

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

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.

	i	a	ina August 5, 2000 (				veek)				
	Mening Dise	ococcal		Mumps			Pertussis			Rubella	
Reporting Area	Cum. 2001	Cum. 2000	2001	Cum. 2001	Cum. 2000	2001	Cum. 2001	Cum. 2000	2001	Cum. 2001	Cum. 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 N.H.	1 10	7 9	-	-	-	-	- 25	14 74	-	-	2
Vt. Mass.	4 46	2 50	-	-	- 1	-	24 193	162 626	-	-	- 8
R.I.	2	6	-	-	1	-	2	12	-	-	-
Conn. MID. ATLANTIC	17 150	12 168	-	- 11	1 17	-	14 202	33 321	-	- 4	1 8
Upstate N.Y.	43	47	-	1	5	-	109	150	-	1	1
N.Y. City N.J.	30 38	35 30	-	7	5 3	-	33 8	49 24	-	2 1	7
Pa.	39	56	-	3	4	-	52	98	-	-	-
E.N. CENTRAL Ohio	188 63	252 57	-	12 1	17 7	5	306 189	394 193	-	3	1
Ind.	31	31	-	1	-	5	32	40	-	1	-
III. Mich.	20 43	64 73	-	8 2	5 4	-	33 28	36 46	-	2	1
Wis.	31	27	U	-	1	U	24	79	U	-	-
W.N. CENTRAL Minn.	101 15	100 14	-	6 2	12	2	129 31	185 88	-	2	1
lowa	21	21	-	-	5	-	16	26	-	1	-
Mo. N. Dak.	37 5	48 2	-	-	4	1 -	61 -	37 2	-	-	-
S. Dak. Nebr.	4 10	5 4	-	- 1	- 1	-	3 4	3 5	-	-	- 1
Kans.	9	6	-	3	2	1	14	24	-	1	-
S. ATLANTIC Del.	281 2	215	2	20	31	4	131	249 7	-	4	50
Md.	34	21	-	4	6	-	17	69	-	1	-
D.C. Va.	30	34	2	4	5	2	1 15	2 36	-	-	-
W. Va. N.C.	10 57	10 31	-	- 1	4	-	1 46	1 51	-	-	- 42
S.C. Ga.	28 36	15 37	-	1 7	10 2	-	23 7	20 21	-	2	6
Fla.	30 84	67	-	3	4	2	21	42	-	1	2
E.S. CENTRAL	100	102	-	3	4	3	62	71	-	1	5
Ky. Tenn.	18 44	21 41	-	1	2	-	11 27	35 21	-	1	1 1
Ala. Miss.	29 9	29 11	-	2	2	3	21 3	12 3	-	-	3
W.S. CENTRAL	169	154	-	8	24	10	218	178	-	-	6
Ark. La.	12 54	10 35	U U	1 2	1 5	U U	8 2	29 12	U U	-	1 1
Okla. Tex.	23 80	21 88	-	5	- 18	10	1 207	9 128	-	-	4
MOUNTAIN	74	65	_	7	10	7	927	435	_	1	2
Mont.	3	4	-	-	1	-	14	12	-	-	-
ldaho Wyo.	7 6	6	-	1	1	-	164 1	43 2	-	-	-
Colo. N. Mex.	25 11	21 6	U	1 2	- 1	U 4	165 68	242 74	U	1	1
Ariz. Utah	11 7	19 6	-	1 1	3 4	- 3	460 46	41 12	-	-	1
Nev.	4	3	Ū	1	4	Ŭ	40 9	9	Ū	-	-
PACIFIC	332	326	2	57	99	7	341	727	-	1	12
Wash. Oreg.	51 25	35 40	N	1 N	4 N	6	90 30	217 74	-	-	7
Calif. Alaska	245 2	238 5	1	29 1	72 8	- 1	193 3	390 18	-	-	5
Hawaii	9	8	1	26	15	-	25	28	-	1	-
Guam P.R.	- 3	-7	U U	-	11	U U	- 2	3 5	U U	-	1
V.I.	-	, Ū	Ŭ	-		Ŭ	-	-	Ŭ	-	Ū
Amer. Samoa C.N.M.I.	U	U U	U U	U -	U U	U U	U	U U	U U	U	UU
N: Not potifichlo	ي الدا ا	a voiloblo		lo roporto							

### 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)

N: Not notifiable.

U: Unavailable.

-: No reported cases.

Boston, Mass.         U         <		-				514	, 200	JI (SISL Wee	-K)							
Importange teal         Ages         1365         45-54         12-4         1-10         Interventing teal         Ages         1366         16-54         15-4         1-1           NEW EIN CLANN         342         255         50         22         4         7         26         5         71-4         71         726         601         330         16         41         55         56         56         56         71-4         71         726         57         56         72         3         5         7         7         756         72         8         5         2         8         1         7         5         5         2         3         4         1			All Cau	ises, By	Age (Ye	ears)		P&I⁺			All Cau	ises, By	/ Age (Y	'ears)		P&I⁺
Boston, Mass.         U         <	Reporting Area		<b>≥65</b>	45-64	25-44	1-24	<1	Total	Reporting Area		≥65	45-64	25-44	1-24	<1	
Cambridge, Mass. 24 19 5	NEW ENGLAND Boston, Mass. Bridgeport, Conn	U	U	U	22 U U	U	U	U	Atlanta, Ga.	178	95	53	20 25	5 4	35 5 2	5 13
Lowell, Mass. 23 16 3 3 - 1 2 Norfolk, Va. 46 24 11 5 1 5 1 5 1 1 Norfolk, Va. 46 24 11 5 1 5 2 3 New Bedford, Mass. 12 20 1 1 3 Sevannah, Ga. 51 30 8 - 4 2 2 3 Sevannah, Ga. 51 4 - 1 3 Sevannah, Ga. 51 30 8 - 4 2 4 3 4 Somerville, Mass. 43 7 4 1 2 3 Somerville, Mass. 43 7 4 1 2 1 Washington, D.C. 200 123 45 15 8 9 4 4 Washington, D.C. 200 123 45 15 8 9 4 4 Washington, D.C. 200 124 45 15 8 9 4 4 Washington, D.C. 200 124 45 15 8 9 4 4 Washington, D.C. 200 123 45 15 8 9 4 4 Washington, D.C. 200 124 45 16 57 21 27 72 Sevannah, Ga. 71 44 14 8 8 1 4 4 4 Sevannah, Ga. 71 44 14 8 8 1 4 4 4 Sevannah, Ga. 71 44 14 8 8 1 4 4 4 Sevannah, Ga. 71 47 8 50 3 18 7 2 Simmigham, Ala. 181 115 38 16 57 21 27 72 Sevannah, Ga. 71 44 14 8 8 1 4 5 3 18 7 7 Naber, V., 54 43 8 1 1 1 5 1 1 2 34 78 4 7 4 1 5 3 18 7 7 Naber, V., 54 43 8 1 1 1 1 Allentown, Pa. 26 18 7 7 Naber, V., 55 3 18 7 7 Naber, V., 103 68 2 20 7 4 1 5 1 1 2 Nashville, Fann. 47 34 7 4 2 - 7 7 1 1 5 - 1 Dersey City, N.J. 44 23 7 4 1 1 5 - 1 Dersey City, N.J. 44 23 7 4 1 1 7 Nashville, Tenn. 118 71 30 8 3 6 17 7 Nashville, Tenn. 118 71 30 8 3 6 17 7 Nashville, Tenn. 118 71 30 8 3 6 17 7 Nashville, Tenn. 118 71 30 8 3 6 17 7 Nashville, Tenn. 118 71 30 8 3 6 17 7 Nashville, Tenn. 118 71 30 8 3 6 17 7 Nashville, Tenn. 118 71 30 8 3 6 17 7 Nashville, Tenn. 118 71 30 8 3 6 17 7 Nashville, Tenn. 118 71 30 8 3 6 17 7 Nashville, Tenn. 118 71 30 8 3 6 17 7 Nashville, Tenn. 118 71 30 8 3 6 17 7 Nashville, Tenn. 118 71 30 8 3 6 17 7 Nashville, Tenn. 118 71 30 8 3 6 17 7 Nashville, Tenn. 118 71 30 8 3 6 17 7 Nashville, Tenn. 118 71 30 8 3 6 17 7 Nashville, Tenn. 118 71 30 8 3 6 17 7 Nashville, Tenn. 118 71 30 8 3 6 17 7 Nashville, Tenn. 118 71 30 8 3 6 17 7 Nashville, Tenn. 128 71 8 8 3 16 17 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Fall River, Mass.	27	22	5		- - 2	-		Jacksonville, Fla	. 136	91	31	6	533	2 5 1	8 6 10
New Haven, Conn.         37         29         4         2         -         2         3         SI. Petersburg, Fla.         51         38         7         4         1         1         3           Somerville, Mass.         64         47         4         1         -	Lowell, Mass. Lynn, Mass.	23 12	16 10	3 1	3 1	-	1	2	Norfolk, Va. Richmond, Va.	46 55	24 21	11 17	5	1 5	5	1 3
Somerville, Mass.         5         4         -         1         -         -         -         Washington, D.C.         200         123         45         15         8         9         4           Waterbury, Conn.         28         3         -         -         -         2         1         Winington, D.C.         29         16         3         -         -         -         2         2         7         2         7         2         7         2         7         2         7         2         7         72         3         -         -         -         1         1         1         1         3         1         1         1         3         1         1         1         3         1         1         1         3         1         1         1         1         1         1         1         1         1         1         3         1		. 37	29	4	2 2 U	- - U	2	3	St. Petersburg, F	-la. 51	38	7	4	1	1	3
	Springfield, Mass	. 44	37	4	1	2	-							8 -	-	-
Albanov, N. M.       54       43       8       1	Worcester, Mass.	56	38	10				9	Birmingham, Al	a. 181	115	38	12	6	6	15
$ \begin{array}{c} Camden, N.J. & 23 & 13 & 2 & 4 & 1 & 3 & 2 \\ Elizabeth, N.J. & 25 & 18 & 7 & - & - & - \\ Frie, Pa, S & 37 & 30 & 5 & 1 & 1 & - & - & - \\ Frie, Pa, S & 37 & 30 & 5 & 1 & 1 & - & - & - \\ Jarsey City, N.J. & 43 & 27 & 4 & 1 & - & - & - \\ New York City, N.Y. & 1032 & 684 & 226 & 78 & 18 & 16 & 40 \\ Newark, N.J. & U & U & U & U & U \\ Newark, N.J. & U & G & 3 & 1 & 4 & - & - \\ New York City, N.Y. & 1032 & 684 & 226 & 78 & 18 & 16 & 40 \\ Newark, N.J. & U & U & U & U & U \\ Parterson, N.J. & 23 & 15 & 6 & 3 & 1 & 4 & - & - \\ Parterson, N.J. & 23 & 15 & 6 & 3 & 1 & 4 & - & - \\ Newark, N.Y. & 23 & 19 & 3 & - & 1 & - & 1 \\ Rochester, N.Y. & 112 & 78 & 21 & 8 & 3 & 2 & 13 \\ Rochester, N.Y. & 112 & 78 & 21 & 8 & 3 & 2 & 13 \\ Scrennon, Pa, S & 39 & 34 & 2 & 2 & 1 & - & - & 1 \\ Scrennon, Pa, S & 39 & 34 & 2 & 2 & 1 & - & - \\ Syracuse, N.Y. & 97 & 78 & 15 & - & 2 & 2 & 10 \\ Svranton, Pa, S & 39 & 34 & 2 & 1 & - & 1 \\ Svranton, Pa, S & 39 & 34 & 12 & 2 & 1 & - & 1 \\ Svranton, Pa, S & 39 & 34 & 12 & 2 & 1 & - & 1 \\ Svranton, Pa, S & 39 & 34 & 12 & 2 & 1 & - & 1 \\ Svranton, Ohio & 29 & 21 & 3 & 3 & 2 & - & 3 \\ Atron, Ohio & 29 & 21 & 3 & 3 & 2 & - & 3 \\ Canton, Ohio & 29 & 21 & 3 & 3 & 2 & - & 3 \\ Canton, Ohio & 157 & 113 & 32 & 9 & - & 3 & 10 \\ Citoleagon, IL & U & U & U & U & U & U & U \\ Citoleagon, IL, M.Y. & 20 & 115 & 48 & 21 & 6 & 10 & 12 \\ Citoleagat, Ohio & 147 & 44 & 13 & 2 & - & 1 \\ Citoleagat, Ind. & 33 & 16 & 7 & 1 & 44 & 13 \\ Datron, Ohio & 147 & 111 & 23 & 8 & 2 & 31 & 1 \\ Datron, Ohio & 147 & 111 & 23 & 8 & 2 & 3 & 13 \\ Carton, Ohio & 147 & 111 & 23 & 8 & 2 & 3 & 13 \\ Detroit, Mich. & 20 & 115 & 48 & 21 & 6 & 10 & 2 & - & 1 \\ Citoleagat, Ind. & 16 & 3 & 7 & 2 & 3 & 15 \\ Citevaland, Ohio & 147 & 44 & 13 & 2 & - & 1 \\ Citevaland, Ohio & 147 & 44 & 13 & 1 & - & 2 \\ Citevaland, Ohio & 147 & 44 & 13 & 6 & - & 2 & - & 1 \\ Citevaland, Ohio & 147 & 44 & 13 & 1 & - & 2 \\ Citevaland, Ohio & 157 & 113 & 2 & 9 & - & 3 & 10 \\ Citevaland, Ohio & 157 & 113 & 2 & 4 & - & - & 1 & - & 1 \\ Citevaland, Ohio & 148 & 27 & - & 1 &$	Albany, N.Y. Allentown, Pa.	54 26	43 18	8 8	1 -	1	1	3 1	Knoxville, Tenn. Lexington, Ky.	82 59	56 34	17 15	6 4	1 1	2 5	7 3
Jersey City, N.J. 44 32 7 4 1 W.S. CENTRAL 1.294 798 287 119 52 36 79 New York City, N.Y. 102 U U U U U U U U U CU Philadelphia, Pa. 303 193 75 23 11 1 15 Pritsburgh, Pa. 5 38 24 8 6 1 3 Reading, Pa. 18 14 3 3 1 3 Reachester, N.Y. 12 78 21 8 32 - 1 - 1 3 Reachester, N.Y. 12 78 21 8 32 - 1 - 1 3 Reachester, N.Y. 12 78 21 8 32 - 1 - 2 1 Schenectady, N.Y. 23 19 3 - 1 - 2 1 Schenectady, N.Y. 23 19 3 - 1 - 2 1 Schenectady, N.Y. 24 20 1 2 1 Vince, N.Y. 24 20 1 2 1 Vince, N.Y. 24 20 1 2 1 Vince, N.Y. 10 U U U U U U U U U U U U U U U U U U	Camden, N.J. Elizabeth, N.J.	23 25	13 18	2 7	4	1	3	2	Mobile, Ala. Montgomery, A	53 la. 47	39 34	9 7	3 4	1 2	1	3 7
Paterson, N.J., 29 15 6 3 1 4 7 Baton Rouge, La. U U U U U U U U U U U Fristi, Pat. 53 33 193 75 23 11 1 1 15 Pattsburgh, Pat. 53 38 24 8 6 1 - 1 15 Dallas, Tex. 217 133 55 20 6 3 23 Reading, Pat. 54 29 8 3 - 5 1 El Paso, Tex. 45 29 8 3 - 5 1 El Paso, Tex. 119 72 24 6 7 10 2 Schenectady, N.Y. 23 9 3 - 1 - 2 10 Schenectady, N.Y. 23 9 3 - 1 - 2 10 Schenectady, N.Y. 24 20 1 2 1 - 1 Strategort, La	Jersey City, N.J. New York City, N.	44 Y. 1,032	32 694	7 226	4 78	1 18	- 16	- 40	W.S. CENTRAL	1,294	798	287	119	52	36	79
Initial of prime       13       14       3       3       -       1       3       El Paso, Tex.       45       29       8       3       -       5       1         Roachester, N. Y.       112       17       21       8       3       2       13       FL Worth, Tex.       364       194       83       52       26       9       31         Scranton, Pa.\$       39       34       2       2       1       -       -       1       100       U	Paterson, N.J. Philadelphia, Pa.	29 303	15 193	6 75	3 23	1	4	- 15	Baton Rouge, La Corpus Christi, T	. U Tex. 52	U 31	U 16	U 3	U 1	U 1	U 1
Schenectady, N.Y.       23       19       3       -       1       -       2       Houston, Fex.       364       194       83       52       26       9       31         Scranton, Pa.š       39       34       2       1       -       Little Rock, Ark.       53       32       9       6       4       1       -       New Orleans, La.       U	Reading, Pa.	18	14	3	-	- - 3	1	3	El Paso, Tex. Ft. Worth, Tex.	45 119	29 72	8 24	3 6	-7	5 10	1 2
Trenton, N.J. $32$ 24 6 1 - 1 2 Vitica, N.Y. 24 20 1 2 1 - 1 Yonkers, N.Y. U U U U U U U U U U U U U U U U U U	Scranton, Pa.§	39	34	2	2	1	-	-	Little Rock, Ark. New Orleans, La	. 53 U	32 U	9 U	6 U	4 U	1 U	Ū
E.N. CENTRAL 1,602 1,080 334 114 27 47 113 Akron, Ohio 40 28 10 - 2 3 Chicago, III. 40 28 10 - 2 3 Chicago, III. 41 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Trenton, N.J. Utica, N.Y.	32 24	24 20	6 1		- 1	1	2 1	Shreveport, La.	-	-	-	-	-	-	-
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	E.N. CENTRAL Akron, Ohio	1,602	1,080	334		27	47	113	Albuquerque, N	.M. 104	77	15	10	1	1	6
Columbus, Ohio       157       113       32       9       -       3       10       Ogden, Utah       30       17       8       3       1       1       2         Dayton, Ohio       147       111       23       8       2       3       13         Detroit, Mich.       20       117       8       3       1       1       2         Evansville, Ind.       47       34       10       2       -       1       7         Salt Lake City, Utah       107       70       20       11       5       1       7         Fort Wayne, Ind.       47       9       9       1       -       1       7       7       7       7         Gary, Ind.       19       9       9       1       -       1       7       7       10       3       1       -       3       -       1       15       120       21       8       1       15       120       11       5       14       -       5       14       100       36       30       122       12       13       1       1       5       14       100       14       10       3       3	Canton, Ohio Chicago, III. Cincinnati, Ohio	U	U	Ű	Ű	U			Colo. Springs, C	olo. 54	33	15	5 14	1	-5	2
Detroit, Mich. 200 115 48 21 6 10 12 Evansville, Ind. 47 34 10 2 - 1 7 Fort Wayne, Ind. 47 34 10 2 - 1 7 Gary, Ind. 19 9 9 1 1 Indianapolis, Mich. 46 33 7 2 3 1 5 Indianapolis, Mich. 26 21 4 - 1 7 Hilwaukee, Wis. 18 78 31 7 2 3 1 5 Rockford, Ill. 40 28 5 2 5 - 1 Poteley, Calif. 17 10 3 1 - 3 - 2 Honolulu, Hawaii 66 37 23 2 2 2 4 Honolulu, Hawaii 66 37 40 Pasadena, Calif. 13 40 18 2 9 10 South Bend, Ind. 62 43 13 4 1 1 5 Toledo, Ohio 95 68 18 5 1 3 3 VN. CENTRAL 736 490 149 49 23 24 45 San Francisco, Calif. 156 95 40 13 4 4 6 San Jose, Calif. 156 95 40 13 4 4 6 San Jose, Calif. 156 95 40 13 4 4 6 San Jose, Calif. 157 92 6 40 13 4 4 6 San Jose, Calif. 177 9 - 1 - 5 Potland, Oreg. 111 86 18 2 4 2 6 San Jose, Calif. 156 95 40 13 4 4 6 San Jose, Calif. 156 95 40 13 4 4 6 San Jose, Calif. 156 124 23 11 3 2 15 San Jose, Calif. 156 124 23 2 1 1 5 San Jose, Calif. 156 124 23 11 3 2 15 San Jose, Cal	Cleveland, Ohio Columbus, Ohio	132 157	81 113	34 32	13 9	2	2 3	10 10	Ogden, Utah	30	17	8	3	1	1	2
Gary, Ind.       19       9       9       1       -       1         Grand Rapids, Mich.       46       33       7       2       3       1       5         Grand Rapids, Mich.       46       33       7       2       3       1       5         Indianapolis, Ind.       182       113       40       18       2       9       10         Pacific Hill       40       28       5       -       1       -       -       7         Peria, II.       40       28       5       2       5       -       1       -       2       1         Protia, III.       40       28       5       2       5       -       1       -       1       -       2       2       4       -       2       2       4       1       10       10       9       33       6       7       40       2       2       2       4       10       10       5       33       6       7       40       13       4       1       5       5       11       10       5       33       6       7       40       5       33       6       7       40	Detroit, Mich. Evansville, Ind.	200 47	115 34	48 10	21 2		10 1	12 7	Pueblo, Colo. Salt Lake City, U	21 tah 107	70	20		- 5		-7
Lansing, Mich.       26       21       4       -       -       1       -       -       1       -       1       -       1       -       1       -       1       -       1       -       1       -       1       -       1       -       1       -       1	Gary, Ind. Grand Rapids, Mi	19 ch. 46	9 33	9 7	1 2	- 3	- 1	1 5	PACIFIC	1,722	1,238	317	100		30	
Rockford, III.       43       28       10       3       -       2       2       Los Angeles, Calif.       73       46       10       8       -       1       9         South Bend, Ind.       62       43       13       4       1       1       5       Los Angeles, Calif.       541       400       95       33       6       7       40         South Bend, Ind.       62       43       13       4       1       1       5       Pasadena, Calif.       33       29       1       2       -       1       5         Youngstown, Ohio       64       50       8       3       -       3       -       7       7       Portland, Oreg.       111       85       18       2       4       6       Sacramento, Calif.       137       99       26       6       4       2       13         McMons, Iowa       49       40       6       2       -       1       5       San Francisco, Calif.       164       124       23       11       3       2       15         Sanasa City, Kans.       24       11       8       2       2       1       2       Sacramento, Calif.       127 <td>Indianapolis, Ind. Lansing, Mich. Milwaukee, Wis.</td> <td>26</td> <td>21 78</td> <td>4</td> <td>-7</td> <td>2</td> <td>1</td> <td>-</td> <td>Fresno, Calif. Glendale, Calif.</td> <td>122 30</td> <td>26</td> <td>3</td> <td>1</td> <td>-</td> <td>-</td> <td>2</td>	Indianapolis, Ind. Lansing, Mich. Milwaukee, Wis.	26	21 78	4	-7	2	1	-	Fresno, Calif. Glendale, Calif.	122 30	26	3	1	-	-	2
Tolado, Ohio       95       68       18       5       1       3       3       1       23       29       1       2       -       1       5         Youngstown, Ohio       64       50       8       3       -       3       -       7       Portland, Oreg.       111       85       18       2       4       2       6         Youngstown, Ohio       64       50       8       3       -       3       -       7       Portland, Oreg.       111       85       18       2       4       2       6       Sacramento, Calif.       137       99       26       6       4       2       13         Des Moines, Iowa       49       40       6       2       -       1       5       San Trancisco, Calif.       164       124       23       11       3       2       15         Kansas City, Kans.       24       11       8       2       2       1       2       San Tacruz, Calif.       164       124       23       11       3       2       15         Kansas City, Mo.       94       63       16       5       3       7       4       Saokane, Wash.       36	Peoria, III. Rockford, III. South Bend, Ind	43	28	10	3	-	2	2	Long Beach, Cal Los Angeles, Cal	if. 73 lif. 541	48 400	16 95	8 33	-	1 7	9 40
Des Moines, Iowa       49       40       6       2       -       1       5       San Jose, Calif.       U	Toledo, Ohio	95	68	18			3		Portland, Oreg. Sacramento, Ca	111 lif. 137	85 99	18 26	2 6	4	2 2	6 13
Kansas City, Kans.       24       1       8       2       1       2       Santa Cruz, Calif.       27       17       9       -       1       -       4         Kansas City, Mo.       94       63       16       5       3       7       4       Seattle Wash.       125       88       19       8       5       -       -       4         Kansas City, Mo.       94       63       16       5       3       7       4       Spokane, Wash.       36       27       5       2       1       5         Minneapolis, Minn.       186       131       37       14       3       1       12       Tacoma, Wash.       84       65       14       3       2       -       8         Omaha, Nebr.       93       66       18       2       5       2       8       TOTAL       10,867 <sup>4</sup> 7,259       2,256       812       271       257       666         St. Paul, Minn.       58       38       10       3       2       4       2       2		49	40		2	23		5	San Francisco, C San Jose, Calif.	alif. U 164	U	Ü 23	Ű	Ú	4 U	Ú
Minneapolis, Minn. 136 131 37 14 3 1 12 Omaha, Nebr. 93 66 18 2 5 2 8 St. Louis, Mo. 97 43 34 9 6 5 - St. Paul, Minn. 58 38 10 3 2 4 2	Kansas City, Kans Kansas City, Mo.	. 24 94	11 63	16	2 5	3	7	2 4	Seattle, Wash.	125	88	19		5	- 5	-
St. Louis, Mio. 9/ 43 34 9 6 5 - St. Paul, Minn. 58 38 10 3 2 4 2	Minneapolis, Min Omaha, Nebr.	n. 186 93	131 66	37 18	14 2	3 5	1 2	12 8	Tacoma, Wash.	84	65	14	3	2	-	8
Wichita, Kans. 81 60 13 4 1 3 6	St. Louis, Mo. St. Paul, Minn. Wichita, Kans.	58	38	10	3	2	4	2		,,	,0	,				

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

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. 'Pneumonia and influenza.

<sup>4</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.

<sup>1</sup>Total includes unknown ages.

675

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