



MORBIDITY AND MORTALITY WEEKLY REPORT

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Firearm-Related Deaths and Hospitalizations — Wisconsin, 1994

Firearm-related injuries are a major cause of premature deaths in the United States (1). Although state-based vital records systems monitor fatal injuries, few surveillance systems exist to monitor nonfatal firearm-related injuries (2). Wisconsin is one of seven states funded by CDC cooperative agreements to establish firearm-related injury surveillance systems. Wisconsin's system, which links hospital discharge records and vital records, uses external cause of injury codes (E-codes) for case identification. This report describes the surveillance system and findings for 1994.

All Wisconsin hospitals are required to report E-codes for hospitalized patients to the state's hospital discharge database. E-codes, which are part of the *International Classification of Diseases, Ninth Revision, Clinical Modification* (ICD-9-CM) injury classification scheme, were used to classify the intent of the perpetrator and the type of firearm discharged. E-codes used to classify intent include E922.0–9 (unintentional), E955.0–4 (suicide), E965.0–4 (assault), E985.0–4 (unknown intent), and E970 (legal intervention). Completeness of E-code reporting for all injury-related hospitalizations was >90% for 1994 (Wisconsin Office of Health Care Information, unpublished data, 1995).

To assess only incident events, all five elective admissions were omitted. Duplicate entries in the database from interhospital inpatient transfers and readmissions were identified using an encrypted patient identifier, date of birth, sex, race, zip code, and admission/discharge dates. Eighty-eight patient records matched on at least five of these six variables; the second admission for each of these records was excluded because it did not represent an incident event.

In this surveillance system, a case is defined as an injury to a Wisconsin resident resulting from discharge of a firearm that led to hospitalization and/or death in Wisconsin. Case-patients in the vital statistics database were identified through the underlying cause-of-death code on death certificates. To eliminate duplicate entries in the combined hospital discharge-vital records database, in-hospital death records were linked to death certificates using encrypted patient identifier, birth date, death date, sex, race, hospital identifier, and zip code. Of the 54 hospital discharge records that indicated the patient had died, 51 matched in the vital records database on at least five of the seven variables, including birth and death dates. The remaining three were retained in the analysis as nonfatal hospitalizations.

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Firearm-Related Deaths and Hospitalizations — Continued

After elimination of elective, transfer, and readmissions, 567 persons were admitted to Wisconsin hospitals in 1994 for firearm-related injuries. Of these, 51 (9%) cases were fatal and 516 (91%) nonfatal. Of the 511 firearm-related deaths reported in 1994, 51 (10%) occurred in a hospital.

The overall rates of nonfatal hospitalizations and fatalities from firearm injuries were 10.2 and 10.1 per 100,000 population, respectively (Table 1). The overall assault rate with firearms was 8.8, representing 44% of all firearm-related injuries. The rate of firearm injuries with suicidal intent was 7.4, representing 36% of all firearm-related injuries. Suicides accounted for 64% of all firearm-related deaths, and nonfatal attempts accounted for 8% of hospitalizations. In comparison, assaults accounted for 28% of firearm-related deaths and 59% of nonfatal hospitalizations.

The type of firearm used was specified for a high proportion of suicide-related firearm injuries but a low proportion of assaults. For suicide-related firearm injuries, long guns (rifle or shotgun) were used in 52% and handguns in 36%; 12% were unspecified (Table 2). The type of firearm was reported in 39% of all assault injuries. An autopsy was performed on all 142 persons who died from assault; the type of firearm was reported for 23%.

		Nonfata pitalizat	-		Deaths	6	Total			
Intent of injury	No.	(%)	Rate	No.	(%)	Rate	No.	(%)	Rate	
Unintentional	124	(24)	2.4	31	(6)	0.6	155	(15)	3.0	
Assault	303	(59)	6.0	142	(28)	2.8	445	(44)	8.8	
Suicide/attempted suicide	44	(8)	0.9	329	(64)	6.5	373	(36)	7.4	
Unknown intention	41	(8)	0.9	3	(<1)	<0.1	44	(4)	0.9	
Legal intervention	4	(<1)	<0.1	6	(1)	0.1	10	(1)	0.2	
Total	516	(100)	10.2	511	(100)	10.1	1027	(100)	20.3	

TABLE 1. Number, percentage, and rate* of firearm-related injury hospitalizations and deaths, by intent of injury — Wisconsin, 1994

*Per 100,000 population.

TABLE 2. Number and percentage of firearm-related injury hospitalizations and deaths, by weapon type and intent of injury — Wisconsin, 1994

		nfatal Ilizations	De	aths	То	otal
Intent of injury/Type of weapon	No.	(%)	No.	(%)	No.	(%)
Attempted suicide/suicide						
Handgun	12	(27)	123	(37)	135	(36)
Rifle or shotgun	20	(46)	174	(53)	194	(52)
Unspecified	12	(27)	32	(10)	44	(12)
Total	44	(100)	329	(100)	373	(100)
Assault						
Handgun	126	(42)	18	(13)	144	(32)
Rifle or shotgun	16	(5)	14	(10)	30	(7)
Unspecified	161	(53)	110	(77)	271	(61)
Total	303	(100)	142	(100)	445	(100)

Firearm-Related Deaths and Hospitalizations — Continued

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Editorial Note: Firearm-related injury data are important in identifying risk factors and in developing firearm- and violence-related injury-prevention programs. Linkage of hospital discharge and vital records databases in the Wisconsin Firearms Injury Surveillance System provides more complete data about firearm-related injuries in Wisconsin than does vital records data alone. The inclusion of nonfatal firearm-related injuries requiring hospitalization doubled the number of firearm-related injuries in the surveillance system (from 511 to 1027). In addition, approximately 9% of persons hospitalized for firearm-related injuries died during the hospitalization, a finding consistent with previous reports (*3*).

The surveillance system does not capture medical encounters that do not result in hospitalizations or death. However, an estimated 57% of all patients treated for a firearm-related injury are hospitalized. During 1994 in Wisconsin, based on 567 hospitalizations, an estimated 430 additional persons had firearm-related injuries that were treated without hospitalization (3).

Two factors have enabled Wisconsin to incorporate nonfatal firearm-related hospitalizations into the firearm-related injury surveillance system. First, mandatory E-code reporting in hospital discharge records with a high completeness of reporting provides previously unavailable data about injuries requiring hospitalization. Second, patient identifiers common to both hospital discharge and vital records databases allow linkage within and between the two databases. Elimination of duplicates enables more accurate estimates of firearm-related injury incidence.

The findings in this report are subject to at least three limitations. First, social, legal, and insurance concerns may prevent accurate reporting to medical providers and examiners. Second, missing or inadequate documentation by medical providers may preclude a specific E-code assignment (4). Complete E-code assignment may be impossible if the bullet caliber is known but not the type of firearm (e.g., 22 caliber). Third, coding instructions limit E-code utility. For example, when the intent of the injury is unknown, ICD-9 instructions are for deaths to be coded as unknown intention, whereas nonfatal injuries are to be coded as unintentional. This directive from the ICD-9-CM manual for coding nonfatal injuries is not uniformly followed; however, it probably overestimates the number of unintentional, nonfatal firearm-related injuries.

The use of E-codes and linkage of hospital discharge and vital records databases has enabled identification at the state level of firearm-related injuries resulting in hospitalization or death. This surveillance system is passive, flexible, inexpensive, and timely (5). Information from the system can aid in the accurate description of the atrisk population, improve cost estimates, and assist community leaders in evaluating firearm-injury trends and the impact of prevention programs.

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School-Based HIV-Prevention Education — United States, 1994

Many adolescents in the United States engage in behaviors that increase their risk for human immunodeficiency virus (HIV) infection and acquired immunodeficiency syndrome (AIDS) (1). Because 95% of all youth aged 5–17 years are enrolled in school (2), school health programs can be an efficient method to help prevent these behaviors (3). Previous studies have examined selected characteristics of HIV education in the United States (4–6); however, none provide a comprehensive assessment of HIV education policies and programs nationwide. In 1994, CDC conducted the School Health Policies and Programs Study (SHPPS), which assessed five components of the school health program: health education, physical education, health services, food service, and health policies. To provide a comprehensive assessment of HIV-prevention education programs nationwide in 1994, CDC analyzed data from the health education component of the study. This report summarizes the findings, which indicate that although HIV-prevention education has been widely implemented in U.S. schools, improvement in these programs is needed.*

SHPPS assessed the school health education component at the state, district, school, and classroom levels. Questionnaires were mailed to the state education agency in all 50 states and the District of Columbia and to a nationally representative sample of 502 school districts. In addition, personal interviews were conducted with personnel from a nationally representative sample of 766 public and private middle/junior and senior high schools and with 1643 randomly selected health education teachers in those schools. Personnel from all 51 state education agencies and 406 (81%) of the 502 sampled districts completed the state and district questionnaires, respectively. Personnel from 607 (79%) of the 766 sampled schools completed the school-level interview and 1040 (63%) of the 1643 sampled classroom teachers completed the teacher interview.

Teachers were asked about the primary focus of the courses in which they taught health education. Of the 1027 teachers who responded to this question, nearly half (46.9%) taught courses that focused primarily on health education topics; in this analysis, these teachers are referred to as health education teachers in health education classes. The other teachers (53.1%) taught courses that included some health education content but focused primarily on another subject (e.g., biology); these teachers are referred to as health education teachers in other subjects. Data from school districts, schools, and classroom teachers were weighted to provide national estimates. SUDAAN was used to compute 95% confidence intervals (Cls).

In 1994, HIV-prevention education was required in 78.7% of states and 83.0% (95% CI=±5.3%) of school districts; the topic was taught in a required course in 85.6% (95%

^{*} Single copies of this report will be available until September 6, 1997, from the CDC National AIDS Clearinghouse, P.O. Box 6003, Rockville, MD 20849-6003; telephone (800) 458-5231 or (301) 217-0023.

TABLE 1. Percentage of states and school districts that required teaching of selected health education topics and percentage of middle/junior and senior high schools that included each topic in a required course, by topic — United States, School Health Policies and Programs Study, 1994*

	States requiring topic (n=51)		ol districts iring topic	senior l that in	e/junior and high schools iclude topic uired course
Торіс	%	%	(95% CI [†])	%	(95% Cl)
Alcohol- and other drug-use prevention Conflict resolution	75.0	86.0	(±5.3%)	90.4	(±3.1%)
and violence prevention	38.5	61.0	(±8.4%)	58.3	(±5.8%)
Dietary behaviors and nutrition	68.9	80.1	(±6.6%)	84.3	(±4.4%)
HIV prevention Injury prevention	78.7	83.0	(±5.3%)	85.6	(±4.2%)
and safety Physical activity	62.2	74.5	(±8.0%)	66.2	(±5.6%)
and fitness	65.2	81.9	(±5.6%)	77.6	(±5.2%)
Pregnancy prevention Sexually transmitted	43.9	72.1	(±7.1%)	69.3	(±5.5%)
disease prevention	65.1	80.9	(±6.0%)	84.1	(±4.4%)
Suicide prevention	37.8	66.7	(±8.1%)	58.1	(±5.7%)
Tobacco-use prevention	71.7	83.2	(±6.2%)	85.6	(±4.0%)

* The unweighted sample size for school districts was 398 and for middle/junior and senior high schools was 531. Data were missing for eight school districts and 76 schools.

[†]Confidence interval.

CI=±4.2%) of all middle/junior and senior high schools (Table 1). Similar percentages of middle/junior and senior high schools included the following topics in their curricula: HIV prevention, alcohol- and other drug (AOD)-use prevention, dietary behaviors and nutrition, physical activity and fitness, sexually transmitted disease prevention, and tobacco-use prevention. Topics included in curricula less often than HIV prevention were conflict resolution and violence prevention, injury prevention and safety, pregnancy prevention, and suicide prevention.

In all states that required HIV-prevention education in schools, in-service training for teachers was provided on this subject (Table 2). Of the school districts that required HIV-prevention education, 61.0% (95% CI=±8.1%) provided in-service training. For all health education topics except AOD-use prevention, the percentages of states and school districts that provided in-service training for those topics were significantly lower than for HIV-prevention education. Approximately one third (31.0% [95% CI=±3.6]) of all teachers reported receiving in-service training on HIV prevention during the 2 years preceding the survey (Table 2). The percentage of teachers who received in-service training on other health education topics. Health education teachers in health education classes were significantly more likely than health education teachers in other subjects to have received training on HIV prevention during the 2 years preceding the survey (38.6% [95% CI=±5.0%] versus 24.1% [95%

	States that provided training on required topic (n=51)	provide	listricts that ed training lired topic	Teachers who received in-service training on required topic		
Торіс	%	%	(95% CI§)	%	(95% CI)	
Alcohol- and other						
drug-use prevention	100.0	51.9	(± 9.2%)	22.9	(±3.3%)	
Conflict resolution						
and violence prevention	93.3	41.3	(±10.2%)	13.9	(±3.1%)	
Dietary behaviors						
and nutrition	90.3	19.7	(± 8.6%)	9.7	(±2.4%)	
HIV prevention	100.0	61.0	(± 8.1%)	31.0	(±3.6%)	
Injury prevention						
and safety	42.9	10.4	(± 4.7%)	7.8	(±2.7%)	
Physical activity and fitness	73.3	16.0	(± 5.8%)	8.9	(±2.1%)	
Pregnancy prevention	72.2	15.2	(± 6.1%)	5.7	(±1.6%)	
Sexually transmitted						
disease prevention	85.7	32.5	(± 8.3%)	15.6	(±2.6%)	
Suicide prevention	50.9	22.2	(± 7.8%)	9.5	(±2.9%)	
Tobacco-use prevention	84.8	24.9	(± 6.8%)	9.3	(±2.2%)	

TABLE 2. Percentage of states and school districts that provided training on required health education topics and percentage of teachers who received in-service training,* by topic — United States, School Health Policies and Programs Study, 1994[†]

*During the 2 years preceding the survey.

[†]The unweighted sample size for school districts was 397 and for teachers was 1018. Data were missing for five school districts and 22 teachers.

§Confidence interval.

CI= \pm 5.1%]). In addition, health education teachers in health education classes were significantly more likely than health education teachers in other subjects to have received preservice training[†] in health education (21.0% [95% CI= \pm 3.8%] versus 4.5% [95% CI= \pm 2.3%]) or health and physical education (33.9% [95% CI= \pm 5.3%] versus 6.1% [95% CI= \pm 2.5%]).

Of health education teachers in health education classes, at least 50% reported teaching 16 of 17 specific HIV-prevention topics (Table 3); 37.1% (95% CI=±4.7%) taught "correct use of condoms." Health education teachers in other subjects were significantly less likely than health education teachers in health education classes to teach each of the 17 topics; however, at least 54% taught "basic facts about HIV/AIDS," "how HIV is and is not transmitted," "how HIV affects the immune system," "sexual behaviors that transmit HIV," "needle-sharing behaviors that transmit HIV," and "reasons for choosing sexual abstinence."

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Editorial Note: Since 1988, CDC has provided fiscal and technical assistance to state and local education agencies and national health and education organizations to assist schools in implementing effective HIV-prevention education for youth. These agencies and organizations develop, implement, and evaluate HIV-prevention policies and programs and train teachers to initiate effective prevention efforts and implement curricula in classrooms. As a result of these and other efforts, school-based HIV

[†]An undergraduate or graduate degree, 30 graduate credits, or certification.

	teach	ducation ners in cation classes	Health education teachers in other subjects			
Торіс	%	(95% CI¶)	%	(95% CI)		
Basic facts about HIV/AIDS	86.6	(±3.6%)	72.2	(±5.3%)		
How HIV is and is not transmitted	83.8	(±4.0%)	70.0	(±5.6%)		
Needle-sharing behaviors that transmit HIV How HIV affects	79.6	(±4.4%)	57.3	(±5.9%)		
the immune system	78.5	(±4.6%)	61.5	(±5.9%)		
Sexual behaviors that transmit HIV	70.5	(±4.6%)	58.8	(±6.0%)		
Reasons for choosing sexual abstinence	77.6	(±4.1%)	54.5	(±0.070)		
Disease progression of AIDS	71.1	(±4.5%)	46.4	(±6.7%)		
Influence of alcohol and other drugs on HIV risk		· · /		. ,		
behaviors	69.9	(±4.7%)	40.3	(±6.8%)		
Societal impact of HIV/AIDS	68.5	(±4.5%)	48.6	(±7.8%)		
Perceptions of risk for HIV/AIDS	64.1	(±5.4%)	44.0	(±5.8%)		
Social norms toward risk behaviors related to HIV Compassion and support	63.6	(±5.1%)	46.1	(±6.2%)		
for persons living with HIV/AIDS	58.7	(±5.1%)	42.3	(±6.3%)		
Statistics on adolescent death	0017	(_0.170)	12.0	(_0.070)		
and disability related to HIV/AIDS	58.4	(±4.8%)	30.9	(±5.1%)		
Condom efficacy/how well		· · ·		. ,		
condoms work	56.4	(±5.0%)	33.3	(±5.8%)		
nformation on HIV testing and counseling	55.9	(±5.3%)	27.7	(±5.8%)		
True prevalence of risk behavior related to HIV	50.8	(±5.6%)	28.1	(±5.1%)		
Correct use of condoms	37.1	(±4.7%)	15.2	(±4.4%)		

TABLE 3. Percentage of health education teachers in health education classes* and health education teachers in other subjects[†] who teach specific HIV education topics, by topic — United States, School Health Policies and Programs Study, 1994[§]

*Teachers of courses that focus primarily on health education topics.

[†]Teachers of courses that include health education content but focus primarily on another subject.

[§]The unweighted sample size for health education teachers in health education classes was 562 and for health education teachers in other subjects was 462. Data were missing for two health education teachers in health education classes and one health education teacher in other subjects.

[¶]Confidence interval.

education is widely implemented in the United States. From 1987 to 1994, the number of states requiring HIV-prevention education in schools increased from 13 states (4) to 39 states plus the District of Columbia. This high level of policy support is consistent with public support; 95% of U.S. residents in a 1996 survey reported that information about AIDS should be provided in school (7).

The findings in this report indicate that, despite wide implementation of HIVprevention education in U.S. schools, improvements in HIV-prevention programs are needed. In particular, efforts are needed to increase the percentage of teachers who teach HIV prevention in a health education setting and who receive in-service training

on HIV prevention. A national health objective for the year 2000 is "to increase to at least 95% the proportion of schools that provide age-appropriate HIV and other sexually transmitted disease (STD) curricula for students in 4th through 12th grade, preferably as part of comprehensive school health education, based on scientific information that includes the way HIV and other STDs are prevented and transmitted" (objective 18.10/19.12) (8). Based on the findings from SHPPS, to meet this objective, an 11% increase is needed in the percentage of middle/junior and senior high schools that implement HIV- and STD-prevention education programs.

Although all states and most school districts that required HIV-prevention education also offered in-service training on this topic, only approximately one third of teachers had received this training during the 2 years preceding the survey. Current in-service training is especially important for HIV education because new methods are being identified to assist youth in developing the skills needed to prevent HIV infection.

The SHPPS data used in this analysis are subject to at least two limitations. First, the study was not designed to explore the link between school health programs and students' health-related knowledge, beliefs, and behaviors. Second, although the state and district levels of SHPPS measured policies and programs in grades K–12, the school and classroom levels of SHPPS focused only on middle/junior and senior high schools.

CDC's Guidelines for Effective School Health Education to Prevent the Spread of AIDS recommends that qualified health education teachers provide education about AIDS (9). The findings from SHPPS indicate that health education teachers in health education classes are more likely than health education teachers in other subjects to have appropriate preservice and in-service training. Furthermore, HIV-prevention education is more comprehensive when taught within the context of health education than when taught within other subjects. However, teaching HIV prevention in other subjects may be an important adjunct to a planned course of study in health education classes.

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Physical Violence and Injuries in Intimate Relationships — New York, Behavioral Risk Factor Surveillance System, 1994

Women are more likely than men to sustain injuries and to require medical attention as a result of physical violence in an intimate relationship (1). To determine the prevalence of physically violent acts by intimate partners, injuries, and the use of medical services for injuries sustained from intimate partner physical violence, the New York State Department of Health (NYSDH) analyzed data from the 1994 Behavioral Risk Factor Surveillance System (BRFSS). This report summarizes the analysis of these findings, which indicate that women are more likely to be injured than men and that their injuries are underreported.

The BRFSS is a population-based, random-digit–dialed telephone survey of the noninstitutionalized U.S. population aged ≥18 years. In 1994, seven additional questions about intimate-partner violence (i.e., spouse, partner, or ex-partner) were added to New York's BRFSS survey. Data were weighted to reflect the 1994 New York population, and 95% confidence intervals (CIs) were calculated using SUDAAN.

Overall, 692 women and 546 men aged 18–44 years were interviewed. Among women, 43 (5.6% [95% CI=3.8%–7.4%]) reported being the victim of a physically violent act by an intimate partner during the preceding year. Of women reporting such violence, 26 (57.7% [95% CI=41.0%–74.4%]) reported being shoved, grabbed, or slapped; 17 (42.3% [95% CI=25.6%–59.0%]) reported being kicked, bitten, punched, or beaten or threatened/assaulted with a knife, gun, or other object. In comparison, 29 (6.9% [95% CI=4.0%–9.8%]) men reported physical violence by an intimate partner, of whom 13 (47.7% [95% CI=25.8%–69.6%]) reported more severe forms of violence.

Injuries as a result of the most recent violent act by an intimate partner were more prevalent among women than men. Among women reporting physical violence by an intimate partner, 23 (53.6% [95% CI=36.9%–70.3%]) reported injuries to their head or face or injuries causing pain on other parts of the body lasting longer than 1 hour; four (12.4% [95% CI=0–26.0%]) men who experienced physical violence reported being injured. During the 12 months preceding the survey, medical attention to treat injuries sustained from such violence was sought by seven (19.6% [95% CI=5.4%–33.8%]) women and two (7.6% [95% CI=0–19.1%]) men. Among women reporting less severe violent acts by an intimate partner, two (8.9% [95% CI=0–21.9%]) reported seeking medical care for violence-related injuries; among women reporting more severe violence, five (34.1% [95% CI=7.8%–60.4%]) reported seeking medical attention for injuries.

Among both sexes, the prevalence of reported physical violence was higher among younger persons. Among women aged 18–30 years, 6.7% (95% CI=3.7%–9.7%) reported being victims of physical violence by an intimate partner, compared with 4.6% (95% CI=2.4%–6.8%) of women aged 31–44 years. Among men aged 18–30 years, 10.2% (95% CI=5.0%–15.4%) reported physical violence by an intimate partner compared with 3.5% (95% CI=1.4%–5.6%) of men aged 31–44 years.

Physical Violence and Injuries — Continued

Violence by intimate partners was reported by persons of all income levels, educational backgrounds, and marital statuses. Among women, being a victim of physical violence was more common for those who reported annual household incomes <\$15,000 (9.6% [95% CI=4.5%-14.7%]) than among those with incomes \$15,000-\$35,000 (6.6% [95% CI=2.5%-10.7%]) and incomes ≥\$35,000 (4.4% [95% CI=1.8%-7.0%]). The association between income level and physical violence was similar for men.

Among women, 4.6% (95% CI=2.1%–7.1%) with a high school education or less reported physical violence, compared with 6.4% (95% CI=3.8%–9.0%) reporting at least some college or technical school education. Men with a high school education or less reported intimate partner physical violence more frequently (8.7% [95% CI=4.0%–13.4%]) than men with at least some college or technical school education (5.3% [95% CI=1.9%–8.7%]).

Married women were least likely to report violence by an intimate partner (2.7% [95% CI=0.7%-4.7%]), followed by single/widowed women (6.9% [95% CI=3.9%-9.9%]), divorced women (9.7% [95% CI=0.1%-19.3%]), and separated women (17.1% [95% CI=3.7%-30.5%]). The association between marital status and physical violence was similar for men.

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Editorial Note: The findings in this report indicate that although reported violent acts appeared similar for women and men, women reported substantially more injuries than men as a result of intimate-partner physical violence. In addition, this report underscores that injuries to women from intimate-partner physical violence are underestimated when based on reports from emergency departments and physicians' offices. Estimates from a recent emergency department survey indicate that 23% of women who had been physically assaulted or emotionally abused by a boyfriend or husband sought medical care because of trauma, and only 13% had told staff or were asked by staff about domestic violence (*2*). Because women presenting for health care may be hesitant to admit they are victims of intimate-partner violence, broadening of inquiries about violence to all female patients has been advocated by professional organizations (*3*).

The findings in the report are subject to at least five limitations. First, questions about injuries were limited to the most recent violent incident, thus potentially underestimating the total number of injuries a person received. Second, injury questions focused on head and face injuries, which are the more common sites of injury (4). Third, assessment of the severity of injuries was not conducted. As a result, the survey could not determine whether multiple injuries were sustained during a single event, whether outpatient or inpatient care was needed, and whether medical care was needed but not sought. Fourth, the circumstances under which intimate physical violence occurred were not assessed. For example, the survey could not determine the extent to which 1) violence perpetrated against male partners by women was in self defense or in direct response to violence initiated by the male partner and 2) whether the violent incident reported was isolated or part of a repeated cycle of physical vio-

Physical Violence and Injuries - Continued

lence (5,6). Finally, data were based on self-report of physical violence occurring in the context of fights or arguments only and are not necessarily representative of ongoing patterns of control and abuse. To better characterize violence among intimate partners, additional studies should focus not only on the number and types of violent acts but also on violence-related injuries, symptoms of psychological stress, and other acute and chronic sequelae that may result from such violence (7).

NYSDH is funding several programs to address intimate-partner violence, including four demonstration projects to model effective methods for reducing violence and training for physicians and clinicians in identifying and helping victims of abuse. In addition, because primary-care and emergency-department clinicians are likely to see victims of physical violence through visits related to the violence or for routine care (7,8), the New York State Department of Health, in collaboration with the New York State Office for the Prevention of Domestic Violence and the Medical Society of the State of New York, developed a physician's reference card (based on American Medical Association guidelines) to assist physicians in recognizing and treating victims of domestic violence. Copies of the physician's reference card are available from the Bureau of Injury Prevention, New York State Department of Health, telephone (518) 473-1143.

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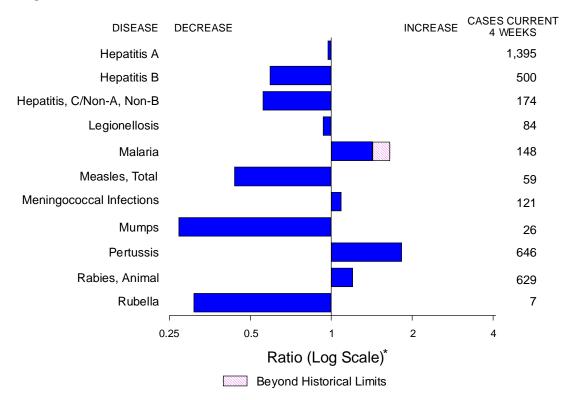


FIGURE I. Selected notifiable disease reports, comparison of 4-week totals ending August 31, 1996, with historical data — United States

*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. 1996		Cum. 1996
Anthrax Brucellosis Cholera Congenital rubella syndrome Cryptosporidiosis* Diphtheria Encephalitis: California* eastern equine* St. Louis* western equine* Hansen Disease Hantavirus pulmonary syndrome* [†]	58 2 1 1,223 1 25 2 - 71 10	HIV infection, pediatric* [§] Plague Poliomyelitis, paralytic [¶] Psittacosis Rabies, human Rocky Mountain spotted fever (RMSF) Streptococcal toxic-shock syndrome* Syphilis, congenital** Tetanus Toxic-shock syndrome Trichinosis Typhoid fever	195 - 26 1 456 13 225 18 94 15 224

TABLE I. Summary — cases of selected notifiable diseases, United States, cumulative, week ending August 31, 1996 (35th Week)

-: no reported cases Not notifiable in all states.

*Not notifiable in all states.
 [†] Updated weekly from reports to the Division of Viral and Rickettsial Diseases, National Center for Infectious Diseases (NCID).
 [§] Updated monthly to the Division of HIV/AIDS Prevention, National Center for HIV, STD, and TB Prevention (NCHSTP), last update August 27, 1996.
 [¶] Three suspected case of polio with onset in 1996 has been reported to date.
 ** Updated quarterly from reports to the Division of STD Prevention, NCHSTP.

									,		
				coli O	erichia 157:H7			Нер	atitis		
	AIE	DS*	Chlamydia		PHLIS§	Gono	rrhea		A,NB	Legion	ellosis
Reporting Area	Cum. 1996	Cum. 1995	Cum. 1996	Cum. 1996	Cum. 1996	Cum. 1996	Cum. 1995	Cum. 1996	Cum. 1995	Cum. 1996	Cum. 1995
UNITED STATES	45,416	47,153	224,015	1,490	719	188,109	262,024	2,243	2,645	545	797
NEW ENGLAND	1,849	2,383	11,539	213	48	4,859	5,058	76	86	31	18
Maine N.H.	31 58	75 70	594 397	16 27	- 24	33 80	64 75	- 6	- 12	2 1	5 1
Vt.	14	21	-	15	14	40	37	28	8	3	-
Mass. R.I.	873 123	999 179	4,530 1,324	102 10	10	1,480 344	1,806 336	36 6	62 4	16 9	10 2
Conn.	750	1,039	4,694	43	-	2,882	2,740	-	-	Ν	N
MID. ATLANTIC Upstate N.Y.	12,627 1,672	12,730 1,609	27,982 N	125 81	34 12	20,827 4,111	30,196 6,585	187 151	308 152	126 46	133 34
N.Y. City	7,052	6,551	12,837	8	-	6,455	11,857	1	1	5	4
N.J. Pa.	2,402 1,501	2,970 1,600	3,004 12,141	36 N	5 17	3,284 6,977	3,162 8,592	- 35	126 29	9 66	20 75
E.N. CENTRAL	3,616	3,577	29,133	372	174	28,231	52,122	306	210	146	234
Ohio	810	725	13,155	95	52	9,587	16,493	24	7	62	110
Ind. III.	462 1,579	379 1,513	6,692 3,481	51 163	33 16	4,330 11,520	6,074 13,088	7 47	1 63	31 9	53 22
Mich.	570	713	U	63	53	U	11,988	228	139	31	22
Wis.	195	247	5,805	N 225	20	2,794	4,479	- 87	-	13	27 53
W.N. CENTRAL Minn.	1,060 189	1,077 242	18,909 2,702	325 124	193 115	8,285 U	13,449 1,890	87	61 2	30 3	2
lowa	69 541	55 474	2,631 8,326	82 45	55	668 5 5 4 7	983	39 28	10 17	8 6	17 13
Mo. N. Dak.	10	474	8,320	45 9	10	5,567	7,714 21	- 28	5	0 -	3
S. Dak. Nebr.	9 74	11 80	704 1,779	12 27	- 3	101 668	140 801	- 5	1 14	2 9	- 11
Kans.	168	211	2,765	27	10	1,281	1,900	14	14	2	7
S. ATLANTIC	11,216	12,139	36,728	81	43	64,925	72,187	172	165	92	131
Del. Md.	215 1,324	219 1,621	1,148 4,399	N	1 7	984 9,283	1,455 8,485	1 1	- 6	9 18	2 22
D.C.	799	739	N	-	-	3,043	2,982	-	-	8	4
Va. W. Va.	795 83	961 75	7,462 1	N N	21 2	6,173 335	7,253 470	10 8	10 40	13 1	16 3
N.C.	603	712	-	23	9	12,727	16,221	34	42	7	27
S.C. Ga.	586 1,651	673 1,638	- 7,626	6 22	3	7,288 12,711	8,190 13,247	21 U	15 15	4 3	28 14
Fla.	5,160	5,501	16,092	20	-	12,381	13,884	97	37	29	15
E.S. CENTRAL	1,563 272	1,544 196	19,813 4,330	37 7	29 4	21,106 2,686	27,374 3,166	415 20	738 23	35 3	45 8
Ky. Tenn.	580	636	8,861	18	22	2,000 7,678	9,344	319	713	18	21
Ala. Miss.	431 280	410 302	5,595 U	8 4	3	9,013 1,729	11,291 3,573	4 72	2 U	3 11	6 10
W.S. CENTRAL	4,562	4,141	30,102	38	9	22,214	36,724	319	182	16	15
Ark.	186	186	-	11	3	2,401	3,513	6	5	-	5
La. Okla.	1,046 189	707 194	4,790 5,198	5 8	3 1	5,168 3,270	7,771 3,692	142 69	114 32	1 5	2 3
Tex.	3,141	3,054	20,114	14	2	11,375	21,748	102	31	10	5
MOUNTAIN Mont.	1,325 23	1,466 16	10,562	112 13	55	4,774 24	6,023 47	394 12	311 10	28 1	87 4
Idaho	29	37	1,040	25	6	75	103	91	42	-	2
Wyo. Colo.	3 362	10 493	394	- 45	2 24	24 1,077	38 1,972	131 36	121 47	3 7	8 33
N. Mex.	118	123	2,633	6	-	564	705	46	37	1	4
Ariz. Utah	370 127	390 98	4,404 993	N 13	15	2,478 199	2,106 156	48 21	29 10	12 2	7 12
Nev.	293	299	1,098	10	8	333	896	- 9	15	2	17
PACIFIC	7,597	8,096	39,247	187	134	12,888	18,891	287	584	41	81 19
Wash. Oreg.	508 339	662 285	6,289 U	54 54	42 35	1,376 382	1,767 510	39 5	149 33	5	18
Calif.	6,594	6,914	27,738	76	49	10,593	15,743	106	375	32	58
Alaska Hawaii	23 133	53 182	776 872	3 N	2 6	282 255	463 408	2 135	1 26	1 3	- 5
Guam	4	-	168	Ν	-	31	77	1	5	2	1
P.R. V.I.	1,524 17	1,828 27	N N	13 N	U U	210	389	77	166	-	-
Amer. Samoa	-	-	-	N	U	-	18	-	-	-	-
C.N.M.I.	1	-	N	N	U	11	40	-	5	-	-

 TABLE II. Cases of selected notifiable diseases, United States, weeks ending August 31, 1996, and September 2, 1995 (35th Week)

IN: INOT NOTIFIABLE U: Unavailable -: no reported cases C.N.M.I.: Commonwealth of Northern Mariana Islands *Updated monthly to the Division of HIV/AIDS Prevention, National Center for HIV, STD, and TB Prevention, last update August 27, 1996. *National Electronic Telecommunications System for Surveillance. *Public Health Laboratory Information System.

	Lyı Dis€		Mal	aria	Mening Dise			hilis Secondary)	Tuberc	ulosis	Rabies	Animal
Reporting Area	Cum. 1996	Cum. 1995	Cum. 1996	Cum. 1995	Cum. 1996	Cum. 1995	Cum. 1996	Cum. 1995	Cum. 1996	Cum. 1995	Cum. 1996	Cum. 1995
UNITED STATES	7,287	7,264	920	813	2,275	2,162	7,235	11,136	12,495	13,620	4,046	5,321
NEW ENGLAND	2,458	1,463	37	35 4	96 12	101 7	114	254	276 4	331	485	1,073
Maine N.H.	21 24	16 19	6 1	1	3	18	1	2 1	9	11 9	67 46	21 113
Vt. Mass.	13 180	8 86	2 12	1 10	3 36	6 35	- 53	43	1 140	2 185	113 76	131 330
R.I. Conn.	333 1,887	238 1,096	6 10	4 15	10 32	4 31	1 59	2 206	24 98	29 95	32 151	222 256
MID. ATLANTIC	4,099	4,716	226	220	201	278	284	578	2,246	2,934	509	1,391
Upstate N.Y. N.Y. City	2,368 189	2,317 332	54 113	43 116	62 30	74 38	49 88	63 247	278 1,113	315 1,684	271	820
N.J.	516	1,285	46	46	53	70	77	120	478	499	94	250
Pa.	1,026	782	13	15	56	96	70	148	377	436	144	321
E.N. CENTRAL Ohio	50 33	319 21	95 9	114 7	311 120	311 89	895 327	1,939 626	1,375 199	1,301 182	66 9	73 8
Ind. III.	15 2	12 15	12 35	14 61	48 80	46 83	146 303	227 748	120 749	117 683	5 18	12 12
Mich.	- U	5	28 11	13	32	55	U	193	234	264	22	30
Wis. W.N. CENTRAL	109	266 72	35	19 18	31 191	38 133	119 261	145 542	73 321	55 415	12 374	11 260
Minn.	39	5	16	3	25	22	51	29	77	101	19	13
Iowa Mo.	18 22	9 37	2 8	2 6	39 80	24 50	13 168	34 459	44 134	47 160	178 16	94 25
N. Dak. S. Dak.	-	-	1	1 1	3 9	1 5	-	-	6 15	3 15	48 91	22 72
Nebr.	2	4 17	3 5	3	16 19	12	12 17	11 9	13	17	3 19	5 29
Kans. S. ATLANTIC	28 369	480	5 198	2 159	465	19 353	2,568	9 2,802	32 2,383	72 2,420	1,865	29 1,425
Del.	38	37	3	1	2	5	26	10	20	40	45	72
Md. D.C.	206 3	319 2	52 7	43 14	48 10	31 4	434 104	306 75	204 92	274 68	428 8	291 11
Va. W. Va.	30 10	37 20	31 3	35 2	41 11	47 8	296 1	438 8	178 41	167 54	391 70	277 83
N.C. S.C.	58 3	43 10	19 9	13 1	60 45	58 47	715 276	776 410	329 234	284 217	482 65	334 99
Ga.	1	9	16	20	115	69	450	525	449	448	211	188
Fla. E.S. CENTRAL	20 49	3 46	58 22	30 17	133 130	84 141	266 1,588	254	836 906	868 948	165 146	70 196
Ky.	10	11	3	1	20	36	90	2,251 126	163	199	33	21
Tenn. Ala.	17 6	19 6	10 3	7	16 54	51 29	573 375	590 443	297 286	306 275	51 59	67 102
Miss.	16	10	6	3	40	25	550	1,092	160	168	3	6
W.S. CENTRAL Ark.	82 21	81 6	22	17 2	261 29	258 26	1,100 118	2,186 336	1,508 126	1,729 146	263 14	526 33
La. Okla.	1 13	4 34	4	2 1	47 24	39 27	371 134	692 138	59 127	178 146	13 19	24 28
Tex.	47	37	18	12	161	166	477	1,020	1,196	1,259	Ű	441
MOUNTAIN Mont.	6	7	39 6	43 3	129 4	158 2	100	152 4	390 14	424 10	99 15	103 34
Idaho	-	-	-	1	19	7	4	-	6	8	-	1
Wyo. Colo.	2	3	3 17	- 18	3 27	6 40	2 23	- 87	5 53	1 38	22 30	21
N. Mex. Ariz.	1	1	2 5	4 7	21 33	29 47	1 64	5 24	54 159	56 209	4 22	3 30
Utah	2	1	4	5	12	13	2	4	39	19	3	10
Nev. PACIFIC	1 65	2 80	2 246	5 190	10 491	14 429	4 325	28 432	60 3,090	83 3,118	3 239	4 274
Wash.	11	7	16	15	75	72	5	11	163	181	4	7
Oreg. Calif.	11 42	13 60	15 205	11 153	86 321	76 271	10 309	18 402	65 2,705	81 2,685	- 227	1 259
Alaska Hawaii	- 1	-	3 7	1 10	6 3	6 4	- 1	1	43 114	48 123	8	7
Guam	-	-	-	1	1	2	3	8	35	83	-	-
P.R. V.I.	-	-	-	1 2	5	18	97	185	63	120	32	35
Amer. Samoa	-	-	-	-	-	-	-		-	3	-	-
C.N.M.I.	-	-	-	1	-	-	1	5	-	29	-	-

TABLE II. (Cont'd.) Cases of selected notifiable diseases, United States, weeks ending August 31, 1996, and September 2, 1995 (35th Week)

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

United Sta	H. influ		3 3	Hepatitis (vi			1	Measles		
	inva	sive		4	E		Indi	genous	-	orted [†]
Reporting Area	Cum. 1996*	Cum. 1995	Cum. 1996	Cum. 1995	Cum. 1996	Cum. 1995	1996	Cum. 1996	1996	Cum. 1996
UNITED STATES	793	795	17,688	19,030	6,254	6,653	2	379	-	36
NEW ENGLAND	20	32	229	182	116	162	-	8	-	6
Maine N.H.	- 8	3 8	13 11	20 8	2 9	7 16	-	-	-	-
Vt. Mass.	1 10	2 10	5 123	4 73	10 39	3 60	-	1 6	-	1 5
R.I.	1	3	9	23	9	8	-	-	-	-
Conn. MID. ATLANTIC	- 127	6 113	68 1,062	54 1,176	47 930	68 947	-	1 20	-	- 5
Upstate N.Y.	39	31	280	275	235	257	-	-	-	-
N.Y. City N.J.	25 38	26 13	399 231	581 164	425 171	302 242	-	9	-	3
Pa.	25	43	152	156	99	146	-	11	-	2
E.N. CENTRAL Ohio	121 74	139 73	1,501 570	2,237 1,263	667 89	762 81	-	5 2	-	4
Ind.	7	17	228	118	114	146	-	-	-	-
III. Mich.	28 7	31 16	307 287	457 254	159 259	199 283	-	2	-	1 3
Wis.	5	2	109	145	46	53	-	1	-	-
W.N. CENTRAL Minn.	37 23	55 28	1,464 90	1,327 126	294 39	448 36	-	17 14	-	2 2
lowa	5	3	253	61	64	33	-	-	-	-
Mo. N. Dak.	5	17	714 35	957 22	142 1	320 4	-	2	-	-
S. Dak. Nebr.	1 1	1 3	40 151	37 33	3 21	2 21	-	-	-	-
Kans.	2	3	181	91	24	32	-	1	-	-
S. ATLANTIC	184 2	154	849 11	760 8	1,005	871 6	-	6 1	-	8
Del. Md.	47	54	138	148	6 211	173	-	2	-	2
D.C. Va.	5 6	- 21	22 111	18 134	28 97	15 79	-	-	-	2
W. Va. N.C.	6 22	6 24	12 101	17 79	18 253	39 203	-	- 3	-	- 1
S.C.	4	1	42	34	57	34	-	-	-	-
Ga. Fla.	73 19	43 5	87 325	51 271	8 327	62 260	-	-	-	2 1
E.S. CENTRAL	21	8	977	1,212	532	605	-	-	-	-
Ky. Tenn.	4 8	2	20 661	33 1,008	36 303	51 477	-	-	-	-
Ala.	8	5	137	61	42	77	-	-	-	-
Miss. W.S. CENTRAL	1 33	1 49	159 3,676	110 2,382	151 824	- 808	-	- 25	-	- 2
Ark.	-	5	345	341	51	41	-	-	-	-
La. Okla.	3 27	1 20	109 1,561	80 637	84 59	140 113	-	-	-	-
Tex.	3	23	1,661	1,324	630	514	U	25	U	2
MOUNTAIN Mont.	78	89	2,819 82	2,806 73	719 7	572 19	2	152	-	5
Idaho	1	2	152	237	69	69	-	1	-	-
Wyo. Colo.	35 11	5 13	26 306	83 352	31 91	17 83	-	1 4	-	- 3
N. Mex. Ariz.	9 9	12 22	279 1,168	582 807	243 178	213 87	2	16 8	-	-
Utah	7	9	640	518	69	48	U	117	U	2
Nev. PACIFIC	6 172	26 156	166 5,111	154 6,948	31 1,167	36 1,478	-	5 146	-	- 4
Wash.	2	8	330	573	64	127	-	45	-	4-
Oreg. Calif.	22 144	21 122	593 4,104	1,799 4,428	48 1,037	90 1,239	-	4 33	-	2
Alaska	2	1	32	28	10	10	-	63	-	2
Hawaii Guam	2	4	52 2	120 6	8	12 4	- U	1	- U	2
P.R.	1	3	80	73	261	439	-	6	-	-
V.I. Amer. Samoa	-	-	-	6 5	-	13	- U	-	- U	-
C.N.M.I.	10	11	1	22	5	13	U	-	U	-

TABLE III. Cases of selected notifiable diseases preventable by vaccination, United States, weeks ending August 31, 1996, and September 2, 1995 (35th Week)

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

*Of 185 cases among children aged <5 years, serotype was reported for 40 and of those, 10 were type b. [†]For imported measles, cases include only those resulting from importation from other countries.

	Measles (Rubeola), cont'd. Total										
				Mump	-		Pertussi			Rubella	
Reporting Area	Cum. 1996	Cum. 1995	1996	Cum. 1996	Cum. 1995	1996	Cum. 1996	Cum. 1995	1996	Cum. 1996	Cum. 1995
JNITED STATES	415	266	8	428	593	169	2,849	2,608	1	191	104
NEW ENGLAND	14	8	-	-	11	47	601	368	-	25	44
Maine	-	-	-	-	4	- 13	18	19 25	-	-	-
N.H. /t.	- 2	-	-	-	1	13	64 37	25 52	-	2	1
Aass.	11	2	-	-	2	22	450	258	-	20	7
R.I. Conn.	- 1	5 1	-	-	1 3	5	13 19	1 13	-	- 3	- 36
			-								
/ID. ATLANTIC Jpstate N.Y.	25	12 1	1 1	58 19	90 22	21 2	218 110	214 96	-	8 4	12 3
I.Y. City	12	5	-	13	13	-	22	35	-	2	7
1.J. 'a.	- 13	6	-	2 24	14 41	- 19	5 81	15 68	-	2	2
	9		-			39			-		
E.N. CENTRAL Dhio	2	14 1	4 2	81 35	101 31	39 26	311 159	300 90	-	3	3
nd.	-	-	-	6	7	5	31	18	-	-	-
I.	3	2	1	19	29	8	89	56	-	1	-
/lich. Vis.	3 1	5 6	1	20 1	34	-	27 5	53 83	-	2	3
V.N. CENTRAL	19	2	_	9	36	3	170	135	_	1	_
Minn.	16	2 -	-	3	2	-	128	42	-	-	-
owa	-	-	-	1	9	3	8	6	-	1	-
/lo. J. Dak.	2	1	-	2 2	20 1	-	20 1	42 8	-	-	-
5. Dak.	-	-	-	-	-	-	3	10	-	-	-
lebr.	-	-	-	-	4	-	6	8	-	-	-
Cans.	1	1	-	1	-	-	4	19	-	-	-
5. ATLANTIC	14 1	11	1	74	88	33	365	222 9	-	91	9
0el. Ad.	4	- 1	- 1	21	- 27	- 2	11 127	27	-	-	- 1
).C.	-	-	-	-	-	-	-	4	-	1	-
'a. V. Va.	2	-	-	10	17	9	38	15	-	2	-
v. va. J.C.	4	-	-	17	16	18	2 75	- 84	-	77	1
5.C.	-	-	-	5	9	1	25	18	-	1	-
Ga. Ta.	2 1	2 8	-	2 19	6 13	-3	17 70	14 51	-	- 10	-7
.S. CENTRAL	I	0	-	19	7	-	63	254	-	2	, 1
(y.	-	-	-	- 19	-	-	26	234	-	-	-
ēnn.	-	-	-	1	-	-	17	202	-	-	1
Ala. Aiss.	-	-	-	3 15	4 3	-	12 8	34 1	- N	2 N	N
	-	-	-			-			IN		
V.S. CENTRAL Ark.	27	23 2	1	19	39 6	1	70 4	198 29	-	2	7
.a.	-	18	1	12	8	1	7	12	-	1	-
)kla.	-	-		-	-		8	19		-	-
ex.	27	3	U	7	25	U	51	138	U	1	7
/IOUNTAIN /Iont.	157	68	-	22	26 1	7 2	270 17	441 3	-	6	4
daho	1	-	-	-	2	3	94	85	-	2	-
Vyo.	1	-	-	-	-	1	4	1	-	-	-
colo. J. Mex.	7 16	26 31	N	2 N	1 N	1	68 39	66 72	-	2	-
Ariz.	8	10	-	1	2	-	15	149	-	1	3
Jtah	119	-	U	2	11	U	11	18	U	-	1
lev.	5	1	-	17	9	-	22	47	-	1	-
ACIFIC Vash.	150 45	128 19	1	146 18	195 10	18 17	781 303	476 116	1	53 2	24 1
Dreg.	4	1	-	-	-	-	29	33	-	1	-
Calif.	35	106	1	106	167	-	428	286	1	47	18
Alaska Iawaii	63 3	2	-	2 20	12 6	- 1	2 19	41	-	- 3	- 5
Guam	5	-	U	5	3	Ů	1	2	U	-	1
?R.	6	- 3	-	5 1	2	-	1	2	-	-	-
/.1.	-	-		-	3	-	-	-	-	-	-
Amer. Samoa	-	-	U	-	-	U	-	-	U	-	-

TABLE III. (Cont'd.) Cases of selected notifiable diseases preventable by vaccination, United States, weeks ending August 31, 1996, and September 2, 1995 (35th Week)

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

	ŀ	All Cau	auses, By Age (Years)				P&I [†]			All Cau	ises, By	/ Age (Y	'ears)		P&I [†]
Reporting Area	All Ages	>65	45-64	25-44	1-24	<1	Total	Reporting Area	All Ages	>65	45-64	25-44	1-24	<1	Total
NEW ENGLAND Boston, Mass. Bridgeport, Conn. Cambridge, Mass. Fall River, Mass. Hartford, Conn. Lowell, Mass. Lynn, Mass. New Bedford, Mass. New Haven, Conn. Providence, R.I. Somerville, Mass. Springfield, Mass. Waterbury, Conn. Worcester, Mass.	493 125 34 14 13 U 25 19 56 56 125 56 125 19 54	361 85 20 12 12 U 23 14 19 27 40 39 17	68 19 1 1 1 1 3 8 9 1 8 2 7	46 15 4 2 U - 3 3 6 2 1 6 - 4	7 4 - - 1 - 1 - 1 - 1	11 2 2 - - - - - 1 2 - 2	34 34 - U 3 5 1 4 6 1 7	S. ATLANTIC Atlanta, Ga. Baltimore, Md. Charlotte, N.C. Jacksonville, Fla. Miami, Fla. Norfolk, Va. Richmond, Va. Savannah, Ga. St. Petersburg, Fla. Tampa, Fla. Washington, D.C. Wilmington, Del. E.S. CENTRAL Birmingham Ala	1,240 146 229 104 129 107 70 72 43 50 134 156 U 821 141	757 87 126 68 85 65 41 48 27 32 88 90 U 533 89	252 26 56 20 25 24 15 13 7 5 31 30 U 174 27	142 23 34 5 8 12 9 8 4 6 8 25 U 66 13	43 7 6 4 10 3 3 - 2 3 5 U 31 7	46 377713235546U 175	51 2 21 6 2 1 2 3 4 7 3 U 42 1
MID. ATLANTIC Albany, N.Y. Allentown, Pa. Buffalo, N.Y. Camden, N.J. Elizabeth, N.J. Erie, Pa.§ Jersey City, N.J. New York City, N.Y. Newark, N.J. Paterson, N.J. Philadelphia, Pa.§ Reading, Pa. Rochester, N.Y. Scranton, Pa.§ Syracuse, N.Y. Trenton, N.J. Utica, N.Y. Yonkers, N.Y.	2,359 45 13 89 21 14 43 41 1,187 62 26 400 53 9 119 18 33 3102 43 11 30	$\begin{array}{c} 1,581\\ 31\\ 12\\ 59\\ 111\\ 12\\ 35\\ 26\\ 768\\ 29\\ 16\\ 262\\ 39\\ 6\\ 87\\ 11\\ 24\\ 85\\ 35\\ 35\\ 9\\ 24\end{array}$	472 7 17 7 6 8258 17 5 811 2 14 6 12 6 15	209 4 - 2 2 3 119 12 2 39 - 1 8 1 1 2 1 2 1	57 2 3 2 23 2 3 11 1 1 1 -	40 1 2 1 2 19 2 7 7 - 2 1 3 -	98 3 - 2 - 4 - 4 3 - 4 3 - 1 4 6 2 7 - 9 3 1	Birmingham, Ala. Chattanooga, Tenn. Knoxville, Tenn. Lexington, Ky. Memphis, Tenn. Mobile, Ala. Montgomery, Ala. Nashville, Tenn. W.S. CENTRAL Austin, Tex. Baton Rouge, La. Corpus Christi, Tex. Dallas, Tex. El Paso, Tex. Ft. Worth, Tex. Houston, Tex. Little Rock, Ark. New Orleans, La. San Antonio, Tex. Shreveport, La. Tulsa, Okla.	63 85 71 176 87 58 140 1,376 70 32	897 499 119 53 34 91 840 44 200 388 99 58 56 187 43 46 119 61 69	21 14 24 14 36 17 14 28 309 13 6 7 48 9 18 78 78 78 14 28 52 17 19	13 2 3 7 4 9 5 13 148 4 7 15 7 43 5 27 1 8	, 2 1 5 5 4 7 4 5 3 2 3 4 4 1 9 4 5 6 2 2	323 2311 342 472102 321	-7850113778332593776-776
E.N. CENTRAL Akron, Ohio Canton, Ohio Chicago, III. Cincinnati, Ohio Cleveland, Ohio Columbus, Ohio Dayton, Ohio Dayton, Ohio Dayton, Ohio Detroit, Mich. Evansville, Ind. Fort Wayne, Ind. Gary, Ind. Grand Rapids, Mich Indianapolis, Ind. Madison, Wis. Milwaukee, Wis. Peoria, III. Rockford, III. South Bend, Ind. Toledo, Ohio Youngstown, Ohio W.N. CENTRAL Des Moines, Iowa Duluth, Minn. Kansas City, Kans. Kansas City, Kans. Kansas City, Mo. Lincoln, Nebr. Minneapolis, Minn. Omaha, Nebr. St. Louis, Mo. St. Paul, Minn. Wichita, Kans.	133 U 112 34 41 62 69 U 751 87 24 20 95 28	$\begin{array}{c} 1,237\\ 35\\ 23\\ 250\\ 104\\ 96\\ 105\\ 80\\ 116\\ 34\\ 46\\ 0\\ 37\\ 83\\ 0\\ 76\\ 28\\ 255\\ 422\\ 57\\ 0\\ 0\\ 13\\ 60\\ 20\\ 134\\ 60\\ 79\\ 9\\ 49\\ 37\end{array}$	$\begin{array}{c} 352\\7&4\\944\\31\\25\\200\\5&9\\0\\5\\31\\0\\22\\3\\7\\13\\6\\0\\121\\3\\2\\4\\17\\7\\28\\11\\16\\8\\15\end{array}$	187 5 80 8 12 10 7 26 1 2 U 4 10 8 1 5 6 1 1 7 5 6 1 1 7 13 5 9 9 4	53 222 1 3 1 8 2 U 4 4 U 1 1 1 2 U 15 1 22 3 2 3 2 3 2 3 2 3 2 3 2 3 2 3 2 3	61 3 7 2 7 7 1 9 1 1 0 3 5 5 0 5 1 1 3 3 3 U 1 3 1 1 2 1 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	99 4 28 11 7 15 3 4 U 2 9 U 4 4 6 U 36 5 4 6 1 9 4 4 3	MOUNTAIN Albuquerque, N.M. Colo. Springs, Colo Denver, Colo. Las Vegas, Nev. Ogden, Utah Phoenix, Ariz. Pueblo, Colo. Salt Lake City, Utah Tucson, Ariz. PACIFIC Berkeley, Calif. Glendale, Calif. Glendale, Calif. Glendale, Calif. Glendale, Calif. Glendale, Calif. Glendale, Calif. Sangeles, Calif. Portland, Oreg. Sacramento, Calif. San Jiego, Calif. San Jose, Calif. Sant Cruz, Calif. Santa Cruz, Calif. Seattle, Wash. Tacoma, Wash. TOTAL	. 49 102 151 24 142 10 90 112 1,441 27 76 31 89 63 534 U 105 U 108	493 44 34 622 100 7 58 80 991 47 27 69 41 361 U 747 41 361 U 747 41 361 U 7,332	145 11 825 34 6 20 3 16 22 262 6 12 4 10 11 97 U 24 U 50 2 21 0 U 2,155	70 12 5 9 13 - 8 5 6 46 U 10 2 8 - 5 6 46 U 11 11 1 1 1 1,033	23 2 1 2 3 - 5 2 44 - 4 - 3 4 18 U 4 U 3 U 4 1 2 1 U 318	21 3 1 4 1 - - - - - - - - - - - - -	43 511746163965291120U2U15U19265U 577

TABLE IV. Deaths in 121 U.S. cities,* week ending August 31, 1996 (35th Week)

U: Unavailable -: no reported cases *Mortality data in this table are voluntarily reported from 121 cities in the United States, most of which have populations of 100,000 or more. A death is reported by the place of its occurrence and by the week that the death certificate was filed. Fetal deaths are not included. *Pneumonia and influenza. *Because of changes in reporting methods in these 3 Pennsylvania cities, these numbers are partial counts for the current week. Complete counts will be available in 4 to 6 weeks.

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