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SURVEILLANCE REPORT #74 TRENDS IN UNDERAGE DRINKING IN THE UNITED STATES, 1991–2003

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HIGHLIGHTS

This surveillance report, prepared by the Alcohol Epidemiologic Data System (AEDS), National Institute on Alcohol Abuse and Alcoholism (NIAAA), presents data on underage drinking for 1991–2003. This is the first of a series of reports to be published every two years on underage drinking and related attitudes and risk behaviors. Data for this series are compiled from three separate nationally-representative surveys, the National Survey on Drug Use and Health (NSDUH), the Monitoring the Future (MTF) survey, and the Youth Risk Behavior Survey (YRBS). The following are highlights of trends from 1991 through 2003.

Prevalence of use

- Although there are marked differences in absolute values of estimates, and estimates show different patterns of increase and decrease over the time period evaluated, the trends across all three survey data sources show an overall decline in the prevalence of alcohol consumption in the past 30 days between 1991 and 2003. In 2003, 29.3 percent of youth ages 12–20 reported consuming alcohol in the past 30 days (NSDUH).
- Throughout the decade, rates of underage drinking remained highest among non-Hispanic whites, followed by Hispanics and non-Hispanic blacks. Rates were also higher among youth not enrolled in school as compared with those enrolled in school (NSDUH).

Drinking patterns

- The mean age of onset for drinking alcohol has increased slightly from 13.8 years in 1991 to 14 years in 2003 (NSDUH). In addition, there is a gradual decline over the decade in the proportion of youth reporting initiating drinking at age 12 years or younger, although this trend may be leveling off (NSDUH, YRBS).
- Over the course of the decade, males have maintained higher average frequency, quantity, and volume of consumption in the past 30 days than females. In 2003, youth ages 12 to 20 reported drinking on a mean of 5.8 days in the past 30 days. They consumed an average of 4.9 drinks on these days, corresponding to an average total of 35.4 drinks in the past 30 days (NSDUH).
- According to NSDUH, overall rates of binge drinking have increased among 12 to 20 year olds between 1991 and 2003, from 15.2 to 18.9 percent. Data from the secondary-school-based surveys (MTF and YRBS), however, show an overall decline in binge drinking rates during this time period. These data also show an increase in binge drinking rates among girls, whereas the rates declined among boys. Although rates increased for both males and females in the NSDUH data, the increase is steeper for females than for males.

Alcohol-related attitudes

- The trends for alcohol-related attitudes show a gradual shift in youth attitudes towards underage drinking, with a decrease between 1991 and 2003 in the percentage of youth strongly disapproving of others regularly consuming alcohol or binge drinking, and a decrease in the percentage of those who consider regular or binge drinking a great risk (MTF).

Alcohol-related risk behaviors

- Between 1991 and 2003 trends from the YRBS show a decline in the prevalence of secondary school youth driving while under the influence of alcohol, whereas NSDUH data trends show an increase in prevalence. The difference is due to the large increase in rates among 18–20 year olds—from 14.9 to 19.1 percent—whereas rates among younger youth remained relatively stable (NSDUH).

INTRODUCTION

This surveillance report on underage drinking is one of a series of reports published to monitor trends in alcohol consumption and alcohol-related morbidity and mortality. These reports are prepared by the Alcohol Epidemiologic Data System (AEDS), Division of Epidemiology and Prevention Research, NIAAA, and are intended to be useful to researchers, planners, policymakers, and other professionals interested in alcohol abuse and its associated consequences. The data also are essential in assessing changes toward meeting the Nation's health promotion and disease prevention goals to reduce underage drinking as stated in *Healthy People 2010* (U.S. Department of Health and Human Services 2000). This is the first surveillance report on underage drinking developed by NIAAA. AEDS expects to issue follow-on reports on this topic every two years.

Rates of alcohol consumption among underage youth are a cause for concern (NRC 2003). In 2003, 29.3 percent of 12-20 year olds reported drinking alcohol in the past 30 days (NSDUH 2003). This is a decrease from the rate of 33.4 percent a decade earlier in 1991 (NHSDA 1991), although changes in survey methodology preclude a direct comparison of these two estimates. Alcohol consumption begins early, with a mean age of 14 (NSDUH 2003) and 28 percent of high school students reporting consuming their first drink of alcohol before age 13 (Grunbaum et al. 2004). By the 12th grade, 27.9 percent of adolescents report binge drinking (consuming 5 or more drinks in a row within the past 2 weeks) (MTF 2003).

Underage drinking is associated with a wide array of social, emotional, behavioral and health problems (Komro and Toomey 2002). O'Malley and colleagues (1998) found that, among 12th graders surveyed between 1994 and 1997, 18 percent (or close to a third of the 53 percent who had consumed alcohol on at least 10 occasions) had experienced three or more alcohol-related problems. For example, alcohol caused them to behave in ways they

later regretted; it interfered with their ability to think clearly; or it caused them to drive unsafely. Youth who drink and drive are at increased risk of involvement in accidents, because of the duality of alcohol-related impairment and relative inexperience driving (OAS 2003). Underage drinking is associated with driving after consuming alcohol or riding with a peer who has consumed alcohol (Windle 2003). When youth consume alcohol, they are more likely to engage in risky sexual behaviors such as unprotected sexual intercourse, having multiple-partners, and being drunk or high during intercourse (Hingson et al. 1990; Ramisetty-Mikler et al. 2004; Strunin and Hingson 1992; Stueve and O'Donnell 2005), putting them at risk of such adverse consequences as sexual victimization (Champion et al. 2004), pregnancy (Slevin and Marvin 1987) and sexually transmitted infections (Shafer et al. 1993). Adolescents under the influence of alcohol or with a history of drinking alcohol are also more likely to engage in violence, such as physical fighting and assault (Blitstein et al. 2005; Kodjo et al. 2004; Swahn et al. 2004; Wells et al. 2004). Adolescent alcohol use disorder increases the risk for both suicide attempts and completion (Chatterji et al. 2004; Esposito-Smythers et al. 2004). Several studies have established a convincing link between youth alcohol use, particularly binge drinking, and illicit drug use (Greenblatt 2000; OAS 2002; O'Malley et al. 1998). Adolescent binge drinkers, for example, are 7 times more likely to report past-year illicit drug use than adolescent non-binge drinkers (OAS 2002). Binge drinking and alcohol use disorder during adolescence has recently been reported to cause life-long pathological changes in the brains of rats and neurocognitive disadvantages in humans (Brown and Tapert 2004; Monti et al. 2005).

Age at onset of drinking affects future drinking patterns and alcohol-related risk behaviors (Grant and Dawson 1997; Grant et al. 2001; Hingson et al. 2002; Stueve and O'Donnell, 2005; Warner and White 2003; Wells et al. 2004). For example, early age at

onset is associated with binge drinking, getting drunk and high, and subjective reports of substance use interfering with life activities (Stueve and O'Donnell 2005), and alcohol abuse and dependence later in life (Grant and Dawson 1997; Grant et al. 2001; York et al. 2004). Hingson and colleagues (2002) found that onset age was associated with driving after drinking and being involved in drinking-related vehicle crashes.

DATA SOURCES

Data for this report are drawn from three sources, the National Survey on Drug Use and Health (NSDUH), the Monitoring the Future (MTF) survey, and the Youth Risk Behavior Survey (YRBS).

National Survey on Drug Use and Health

The NSDUH, formerly the National Household Survey on Drug Abuse, is conducted by the Substance Abuse and Mental Health Services Administration. The nationally representative survey was initiated in 1971 and administered annually from 1991. The survey is administered at the household level through in person interviews. Since 1999, computer-assisted interviewing methods have been used, including audio computer-assisted self-interviewing for selected survey components. In this same year, the survey sample was expanded to allow for computation of state-specific prevalence estimates. All respondents ages 12 through 20 years were selected for inclusion in the underage drinking surveillance report.

Monitoring the Future

The MTF survey is funded by the National Institute on Drug Abuse and conducted annually by the University of Michigan Institute for Social Research. Initiated in 1975 among 12th graders only, 8th and 10th graders were added in 1991, providing a nationally representative sample of secondary school students in those age groups. The survey is administered in school to a sample of students enrolled in public and private secondary schools. Since 1976, a random sample of 12th graders has been followed biannually through a self-administered mail

back questionnaire. For this surveillance report, all respondents from the 8th, 10th, and 12th grade samples were included in the analyses.

Youth Risk Behavior Survey

The YRBS is conducted by the Centers for Disease Control and Prevention and administered every two years to students enrolled in public or private schools in grades 9 through 12. Initiated in 1991, the survey provides a nationally representative sample of youth enrolled in high school. All respondents from the biannual surveys were included in this surveillance report.

All three sources of data for this surveillance report are nationally representative repeated cross sectional surveys that provide data on youth alcohol consumption and related risk behaviors. As described above, there are also important differences among the three surveys, related to the ages of youth sampled, the timing of the survey, the setting of survey administration and consequent type of youth sampled and level of anonymity involved, and question wording. Specifications of the three surveys are summarized in the Appendix and briefly reviewed here.

Age groups

Whereas the NSDUH collects information on youth as young as 12 years old, the YRBS collects information from youth in grades 9 through 12 and the MTF skips grades, surveying youth in 8th, 10th, and 12th grades.

Periodicity

Both the NSDUH and the MTF are administered on an annual basis, whereas the YRBS collects data every 2 years.

Survey administration location

As school-based surveys, the MTF and YRBS collect data only on youth currently enrolled in school. Data from the NSDUH cover both youth enrolled in school and those not enrolled. Given the setting of the survey administration, there are different levels of anonymity. For example, youth are more likely to feel comfortable about revealing sensitive

information, such as alcohol and other drug use, in the more anonymous school setting than in the home setting (Faden et al. 2004; Fendrich and Johnson 2001; Fowler and Stringfellow 2001; Sudman 2001). On the other hand, youth may also be responding to perceived peer influence in the school setting and may exaggerate their reported risk behaviors, although such effects are hard to assess (Fowler and Stringfellow 2001; Harrison 2001). Thus, whereas alcohol consumption rates may be under-reported in the NSDUH, they may be inflated in the MTF and YRBS data sets.

Question wording

The three surveys differ in the number and wording of questions on alcohol consumption and on related risk behaviors. The reference period for all surveys is generally the past 30 days. However, for binge drinking the MTF asks about drinking in the past two weeks whereas the other surveys ask about drinking in the past month. Age at onset is asked in the NSDUH and the YRBS, but grade at onset is asked in the MTF survey. All surveys ask about driving under the influence, but the MTF frames the question around whether the respondent has ever gotten a moving violation ticket or warning after drinking alcohol. The Appendix specifies the wording used in each survey for the indicators included in the report. Data tables and figures are not provided for all questions listed.

METHODS

This surveillance report tracks consumption and associated behaviors among youth ages 12 through 20 years old. This corresponds on the lower limit to the youngest age for which nationally representative data are available (from NSDUH), and, on the upper limit, to the last year before youth are legally allowed to drink alcohol. Findings are presented for 1991 through 2003, the latest year for which data are available for this report from all three data sources. For new indicators collected only in the past several years, all available data are

reported (i.e., detailed data by race, data on selected alcohol-related risk behaviors).

Definitions

The report presents trend data on different categories of indicators for alcohol consumption and related risk behaviors, including prevalence of use, pattern of use, alcohol-related attitudes, and alcohol-related risk behaviors. Definitions of measures used are provided below, including descriptions of calculated measures:

- Prevalence of use
 - Any drinking of alcohol in the past 30 days (more than just a sip or two from a drink)
- Onset of use
 - Age at first use of alcohol
 - Initiating drinking at age 12 years or younger
- Frequency of use
 - Number of drinking days in the past 30 days
- Quantity of use
 - Number of drinks on drinking days in the past 30 days
- Volume of use
 - Total number of drinks in the past 30 days, computed as frequency multiplied by average quantity in the past 30 days
- Binge drinking
 - Any drinking of 5 or more drinks in a row in the past 30 days (for NSDUH and YRBS data) or in the past two weeks (for MTF data)
 - Frequency of drinking 5 or more drinks in a row in the past 30 days
 - Frequency of drinking 5 or more drinks in a row in the past 30 days, categorized as 0 days, 1–2 days, 3–4 days, and 5 or more days
- Drunkenness
 - Frequency of being drunk or very high from drinking in the past 30 days

- Alcohol-related attitudes
 - Disapproval of consuming one or two drinks nearly every day, categorized as don't disapprove, disapprove, and strongly disapprove
 - Disapproval of consuming five or more drinks once or twice each weekend, categorized as don't disapprove, disapprove, and strongly disapprove
 - Perception of risk of harm for those drinking one or two drinks nearly every day, categorized as no risk, slight risk, moderate risk, and great risk
 - Perception of risk of harm for those drinking five or more drinks once or twice each weekend, categorized as no risk, slight risk, moderate risk, and great risk
- Alcohol-related risk behaviors
 - Driving after drinking alcohol in the past 30 days
 - Riding in a car driven by someone who had been drinking in the past 30 days
 - Drinking alcohol or using drugs before last sexual intercourse
 - Drinking on school property in the past 30 days
 - Drinking and activity with risk of physical danger in the past 12 months
 - Drinking and getting into legal trouble in the past 12 months
 - Problems with family or friends caused by drinking in the past 12 months

Analyses

This report examines a wide range of relevant data over multiple years and discusses observed changes without reference to more complicated statistical analyses of trends, such as those used by Faden and Fay (2004). For different analyses, data are presented by sex, race (non-Hispanic white and non-Hispanic black) and Hispanic origin, age or current school grade, and school enrollment status. More detailed data by race and Hispanic origin (non-Hispanic white, non-Hispanic black, Native American/Alaska Native, Asian/Native Hawaiian Islander/Other Pacific Islander, Hispanic, more

than one race) are presented in the tables for years 1999–2003. To increase the stability of estimates, prevalence estimates by age are presented in age groupings, specifically 12–14, 15–17, and 18–20. Trend data from the three data sources are compared in separate graphs for selected indicators. Because of the large age span of the NSDUH and its inclusion of youth enrolled and not enrolled in school, more detailed analyses by demographic characteristics are presented for the NSDUH only. We present results from primary data analysis for NSDUH and YRBS data, as publicly-available data on these surveys do not cover all the indicators, categories, and age groupings applicable to this report. Applicable estimates by grade are publically available for MTF data, and these are presented in tables in this report to facilitate comparison with publicly-available data. We present primary analysis results for MTF estimates across grade, as these aggregate estimates are not publicly-available. Some MTF indicators are available from only a subsample, as not all questions were included on all survey forms. We note in the MTF figures and tables when estimates are based on less than the full sample.

To ensure reliability of findings presented, all cases with outliers were censored. Specifically, cases with reported alcohol consumption of greater than 50 drinks per drinking day were truncated at 50 drinks on drinking days. Cases with missing values for an indicator of interest were excluded from analysis for that indicator. The stability of estimates (r) was assessed using the relative standard error (RSE), computed as $RSE=100 \times (SE(r)/r)$. Following the recommendations of the National Center for Health Statistics (Klein et al. 2002), estimates with $RSE>17.5$ percent were considered of low reliability and are marked in the tables with the symbol #.

Limitations

Due to differences in sample population (i.e., only school-enrolled youth vs. both enrolled and not enrolled youth) and survey administration (i.e., in school vs. in home), comparisons

among the three data sources need to be made with caution. Although it is not appropriate to compare prevalence estimates across surveys within a single year, it is possible to compare trends across years. For example, there are marked differences in absolute values of past 30 day alcohol consumption prevalence among findings from the NSDUH, the MTF, and the YRBS, however, trend lines from all three surveys show a decrease in prevalence between 1991 and 2003.

Furthermore, the NSDUH also had a major change of design during this period. Close examination of the NSDUH trend for past 30 day consumption shows a steep decrease in rates between 1998 and 1999 followed by an increase from 1999 to 2003. It is not clear if this is a real increase or an artifact of the 1999 methodological changes. Further improvements in data collection quality control were institutionalized in 2002, which may have resulted in higher self-reported substance use by respondents (SAMHSA 2003). Caution needs to be taken in comparing estimates from before and after 1999, as well as from before and after 2002. The major change in survey methodology of 1999 is marked with shading in the graphs included in this report. Prevalence estimates from the NSDUH included in this report may differ slightly from those presented in reports issued by SAMHSA, as SAMHSA analysts use a restricted-use dataset for their analyses.

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Figure 1-1. Prevalence of drinking in the past 30 days, by sex, 1991–2003.

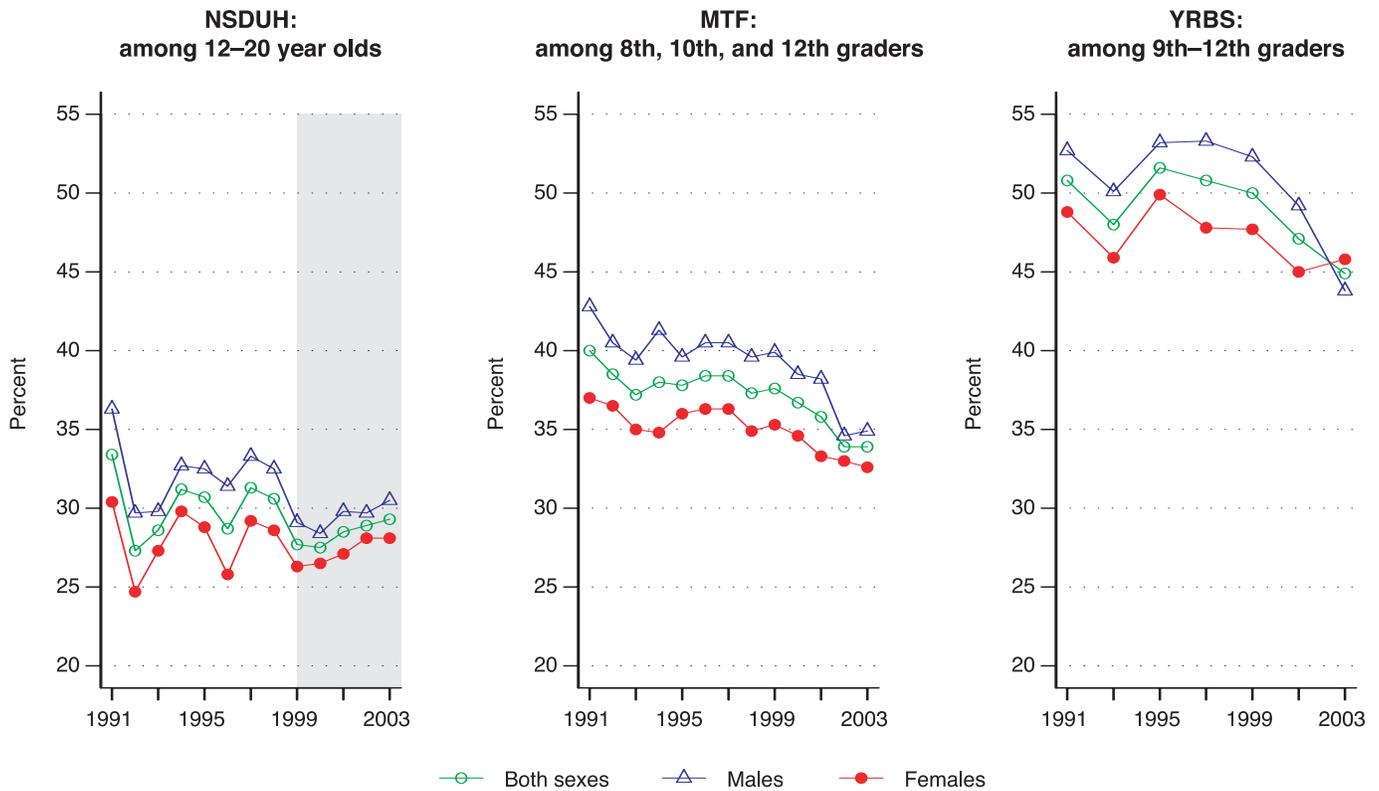
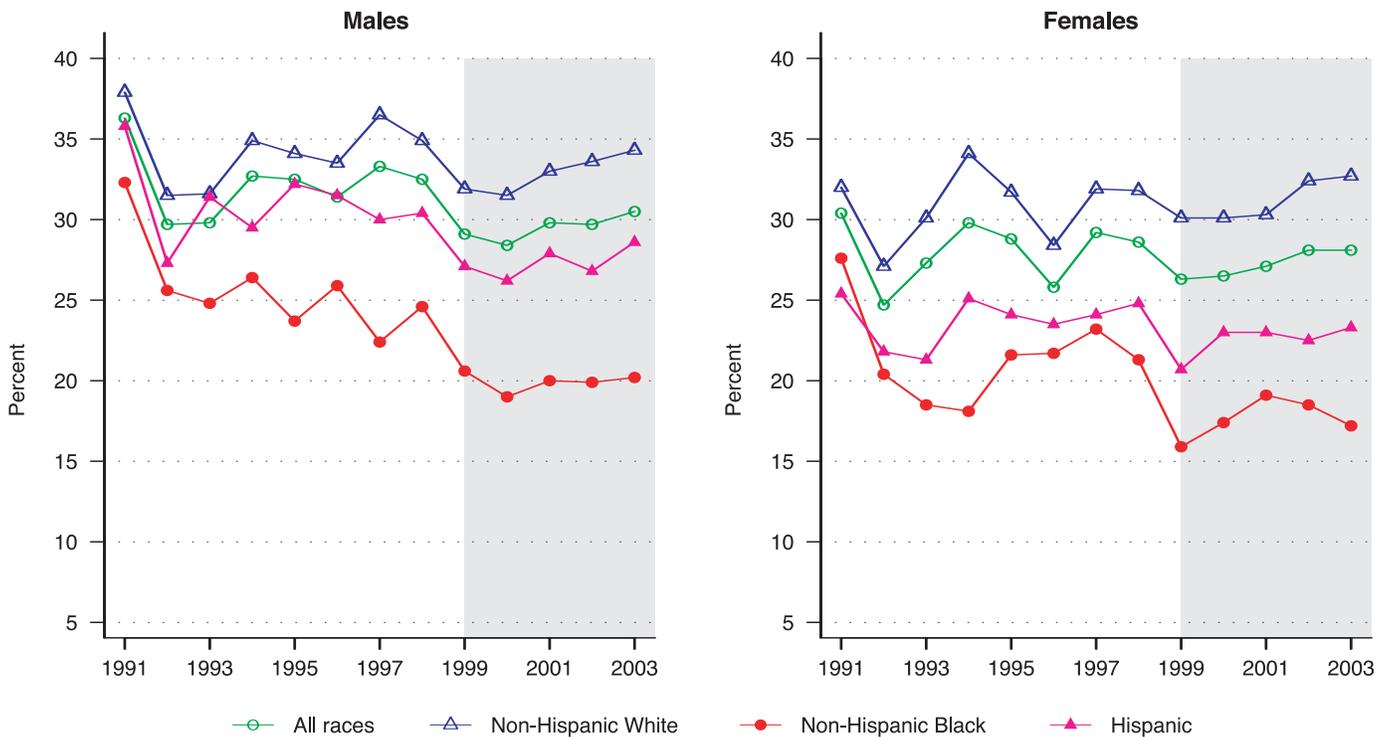


Figure 1-2. NSDUH: Prevalence of drinking in the past 30 days among 12–20 year olds, by sex and race/Hispanic origin, 1991–2003.



[Shaded areas represent the period of implementation of a major redesign to the NSDUH survey (1999–2003).]

Figure 1-3. NSDUH: Prevalence of drinking in the past 30 days among 12–20 year olds, by enrollment status, 1991–2003.

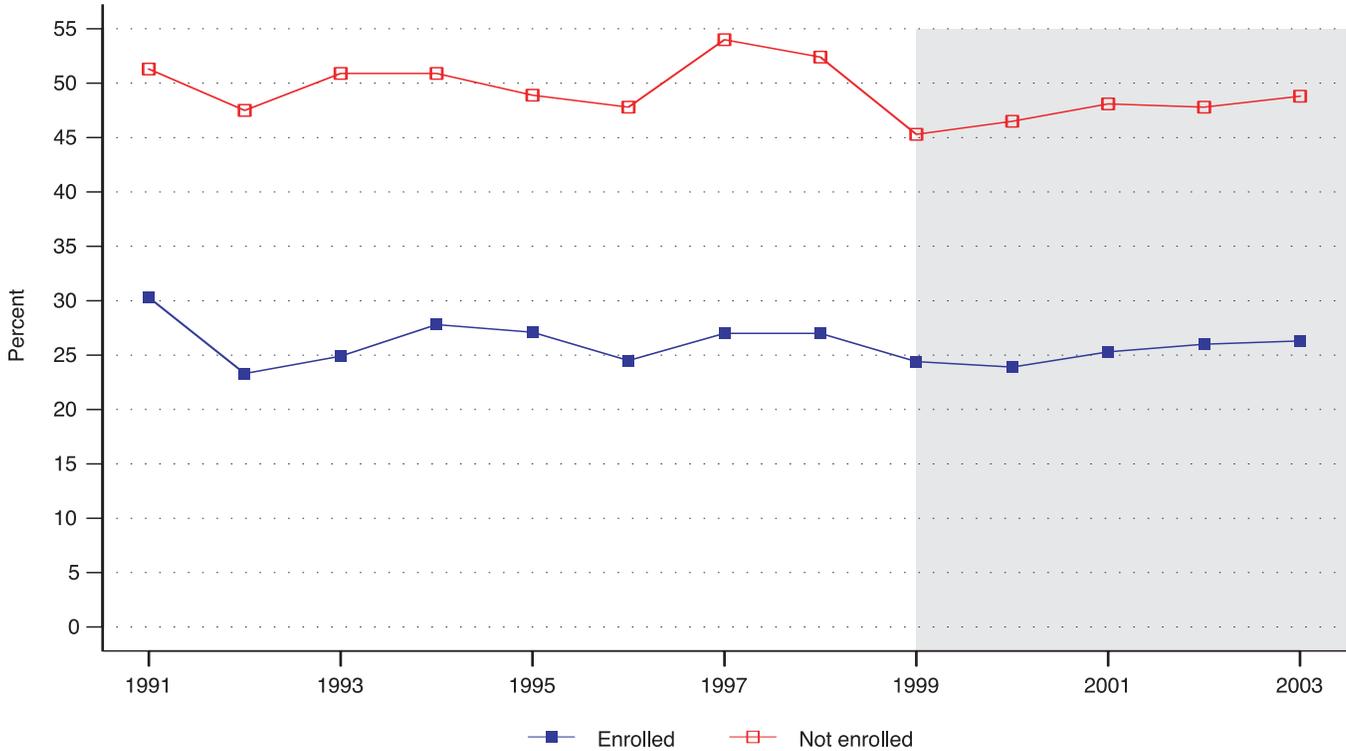
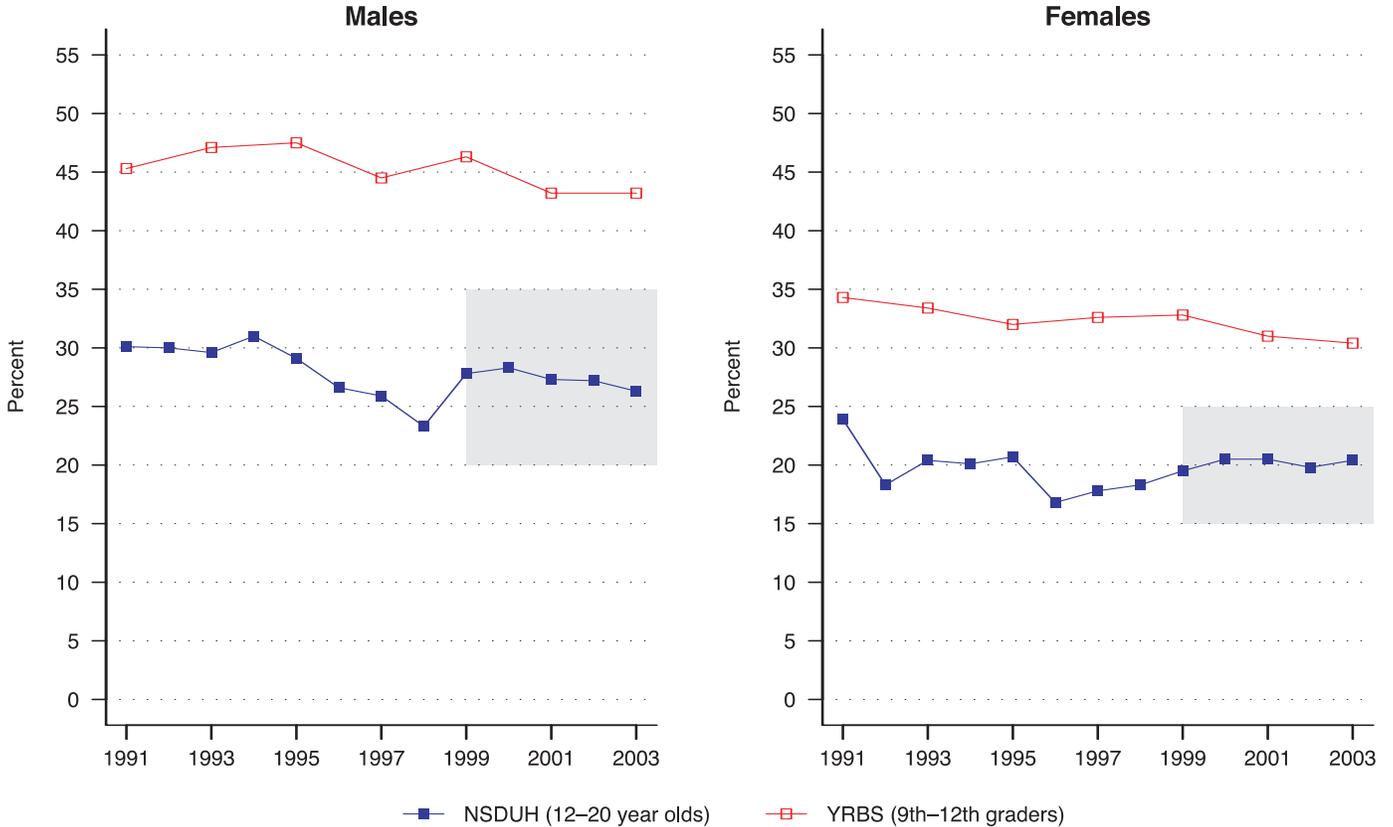


Figure 2-1. NSDUH and YRBS: Prevalence of initiating drinking at age 12 years or younger, by sex, 1991–2003.



[Shaded areas represent the period of implementation of a major redesign to the NSDUH survey (1999–2003).]

Figure 2-2. NSDUH: Mean age at first use of alcohol among 12–20 year olds, by sex and race/Hispanic origin, 1991–2003.

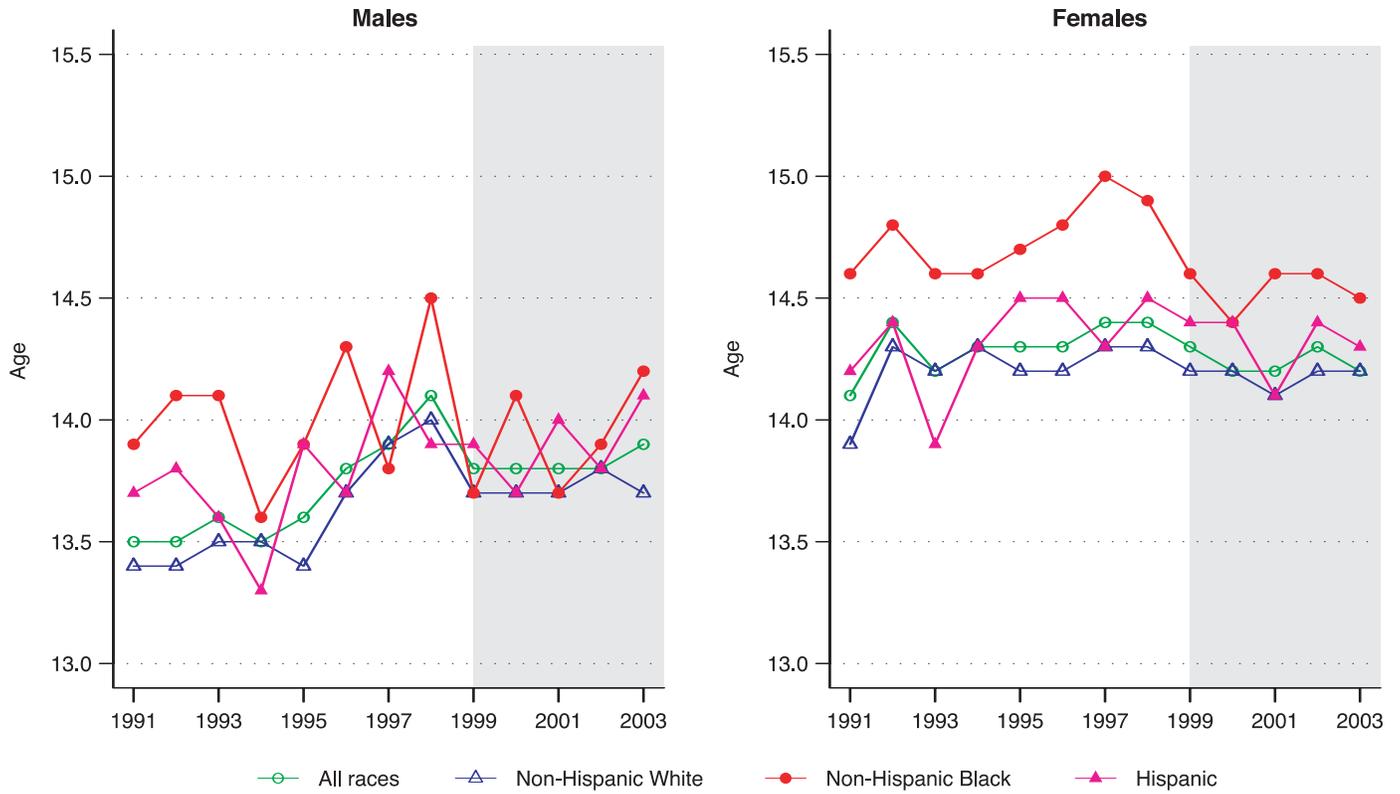
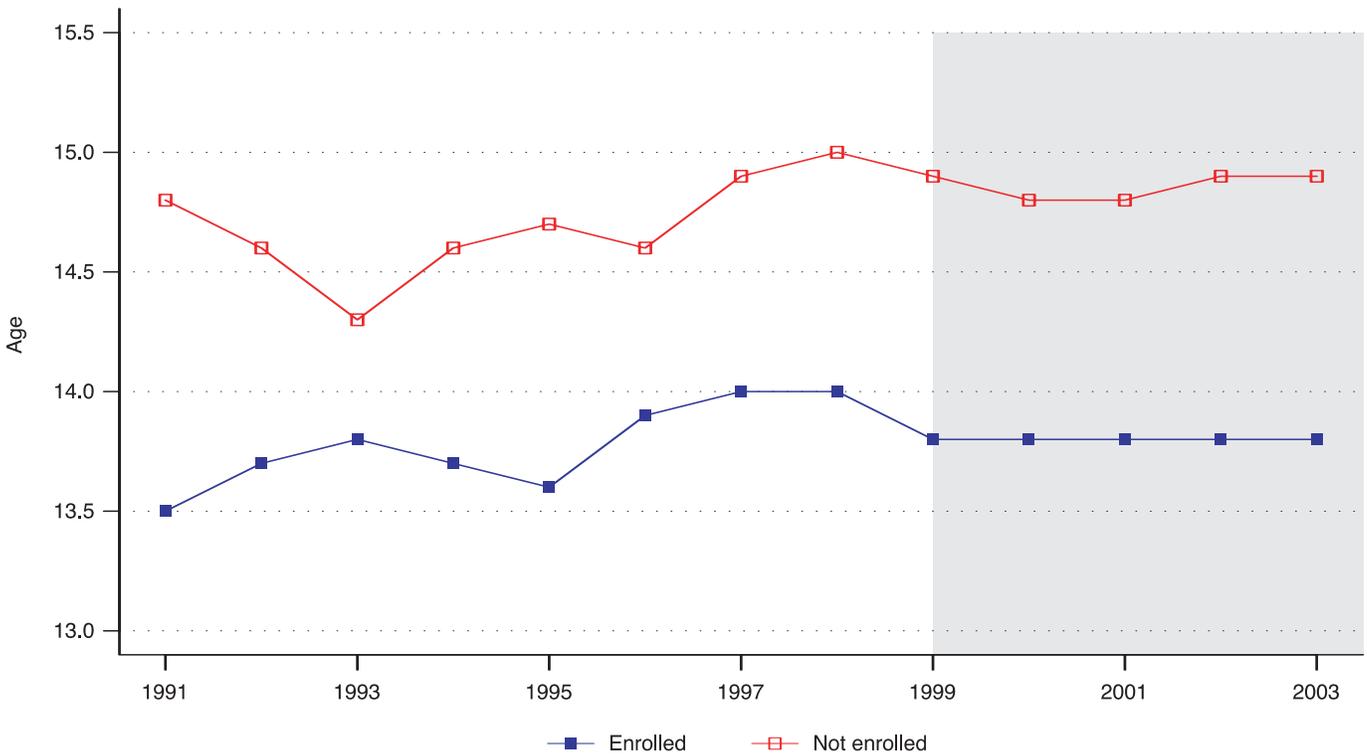


Figure 2-3. NSDUH: Mean age at first use of alcohol among 12–20 year olds, by school enrollment status, 1991–2003.



[Shaded areas represent the period of implementation of a major redesign to the NSDUH survey (1999–2003).]

Figure 3-1. NSDUH: Mean frequency of drinking in the past 30 days among 12–20 year olds, by sex and race/Hispanic origin, 1991–2003.

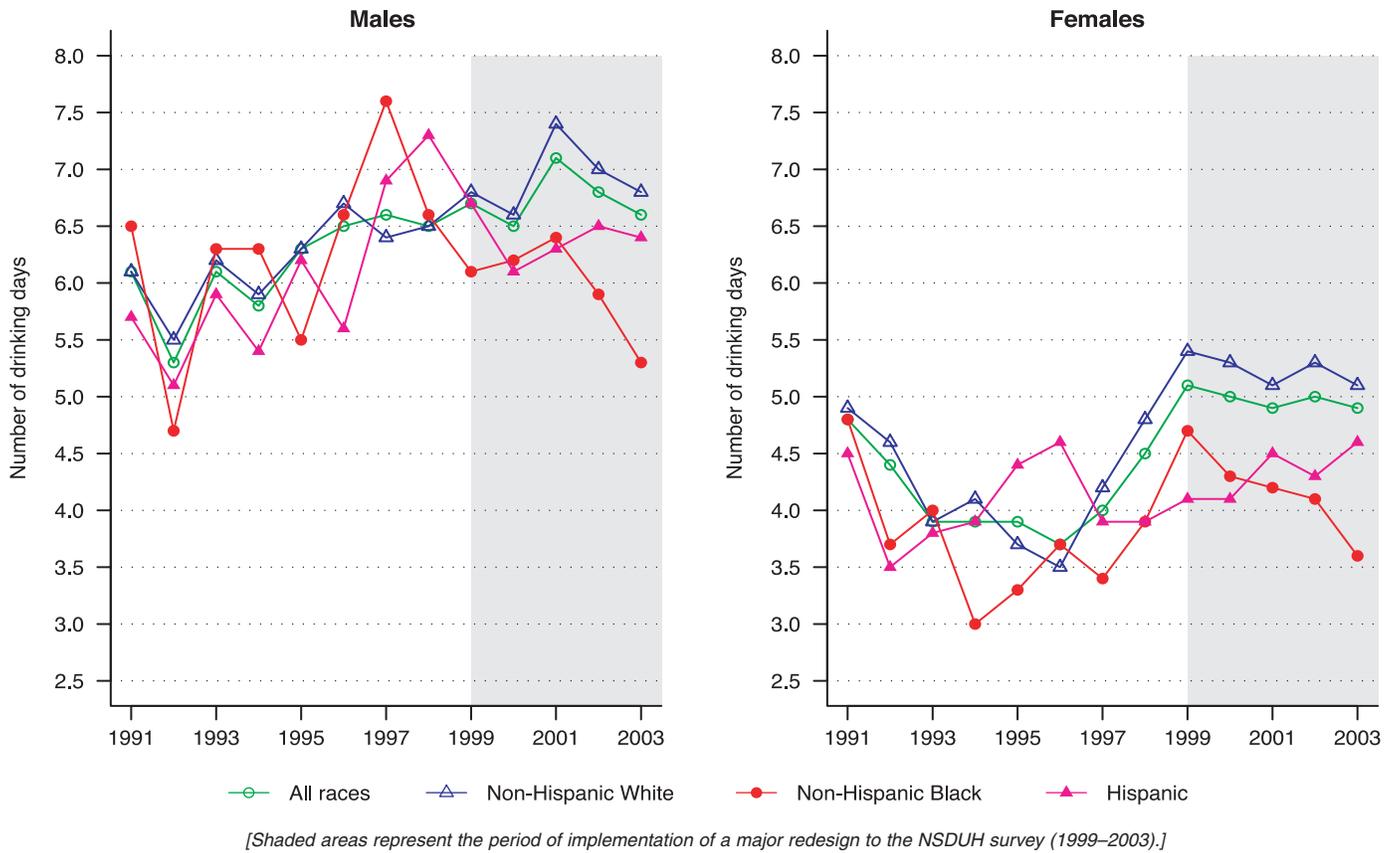


Figure 3-2. NSDUH: Mean frequency of drinking in the past 30 days among 12–20 year olds, by age, sex, and race/Hispanic origin, 2003.

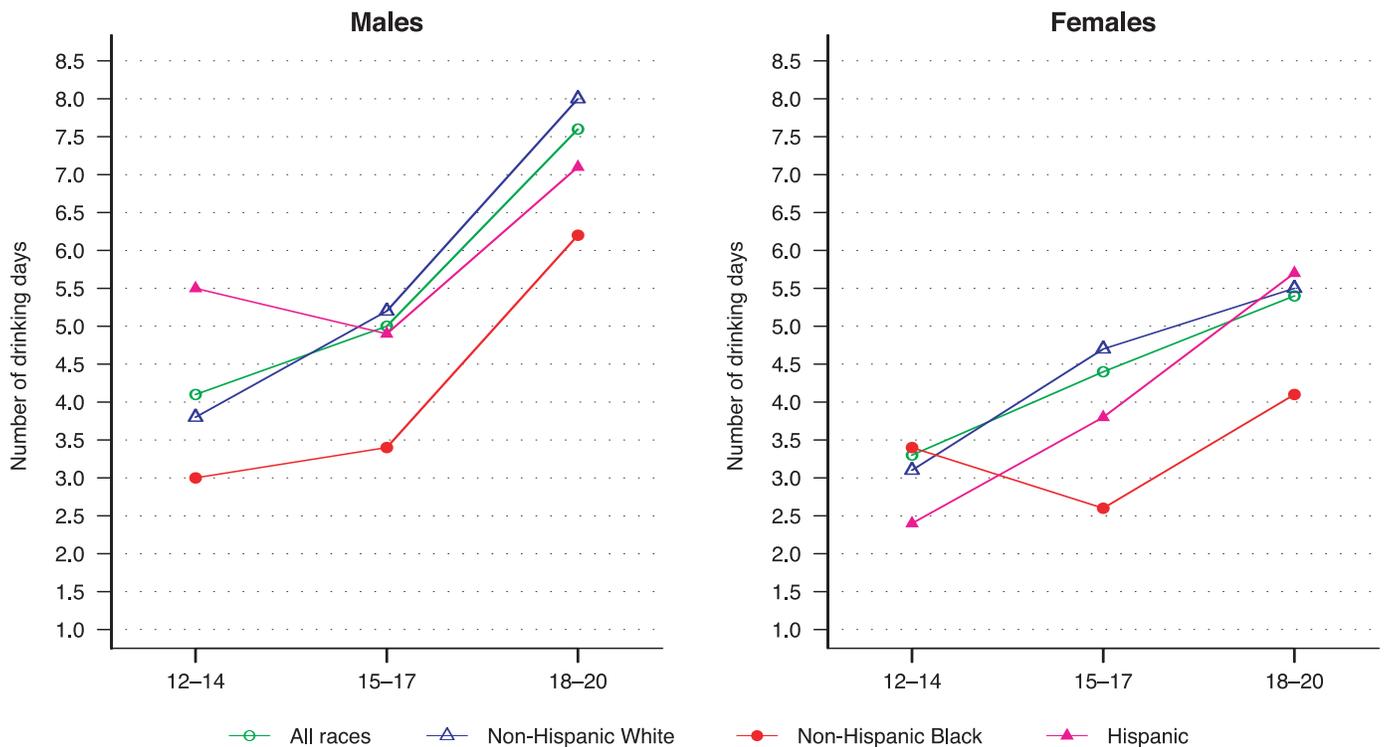


Figure 4-1. NSDUH: Mean quantity on drinking days in the past 30 days among 12–20 year olds, by sex and race/Hispanic origin, 1991–2003.

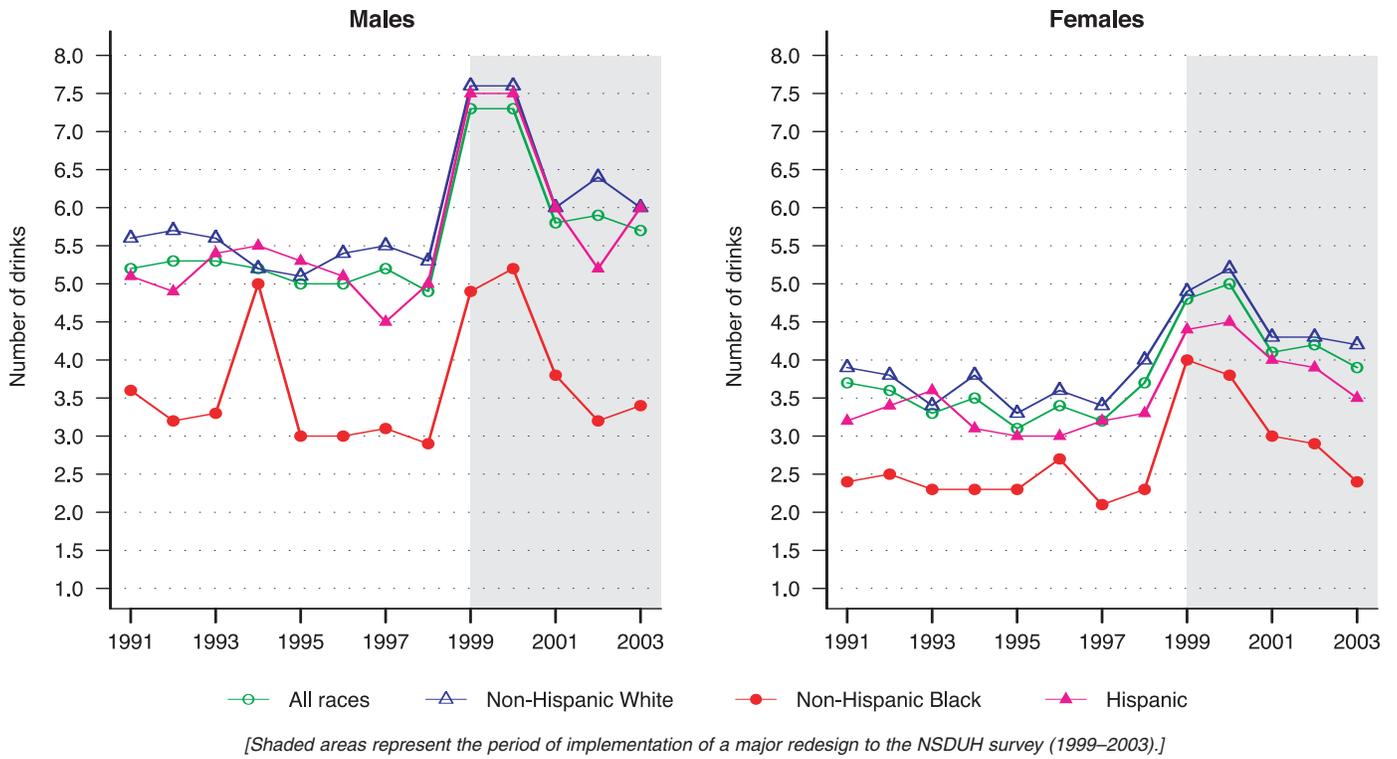


Figure 4-2. NSDUH: Mean quantity on drinking days in the past 30 days among 12–20 year olds, by age, sex, and race/Hispanic origin, 2003.

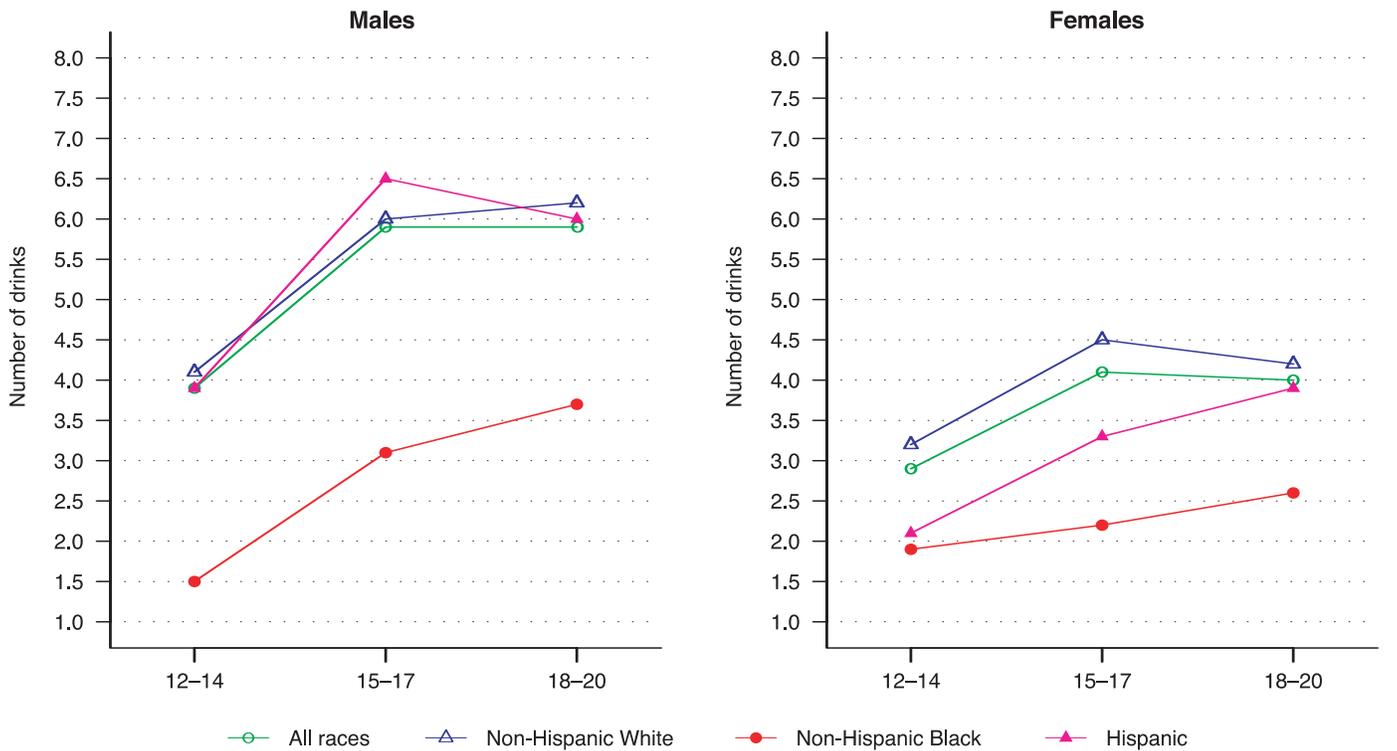


Figure 5-1. NSDUH: Average total number of drinks in the past 30 days among 12–20 year olds, by sex and race/Hispanic origin, 1991–2003.

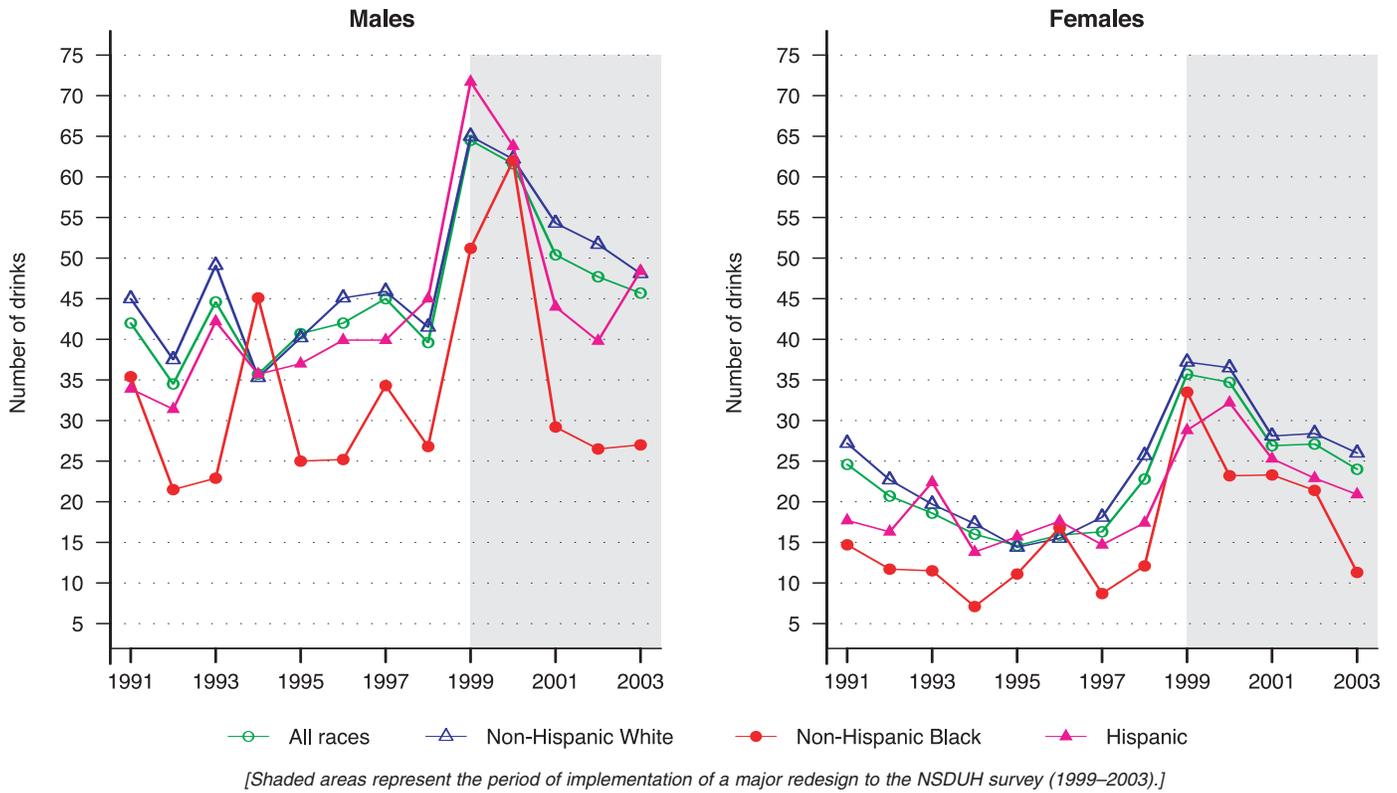


Figure 5-2. NSDUH: Average total number of drinks in the past 30 days among 12–20 year olds, by age, sex, and race/Hispanic origin, 2003.

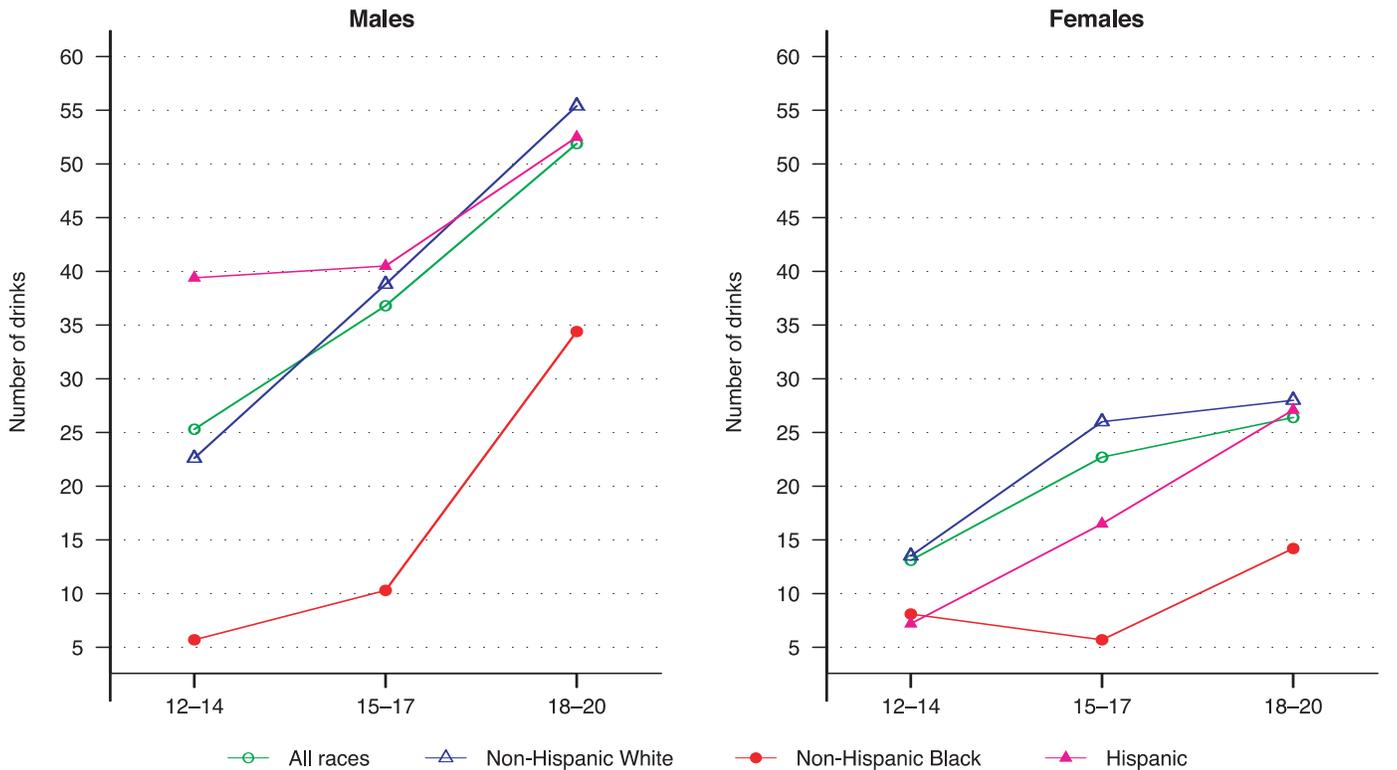


Figure 6-1. Prevalence of binge drinking, by sex, 1991–2003.

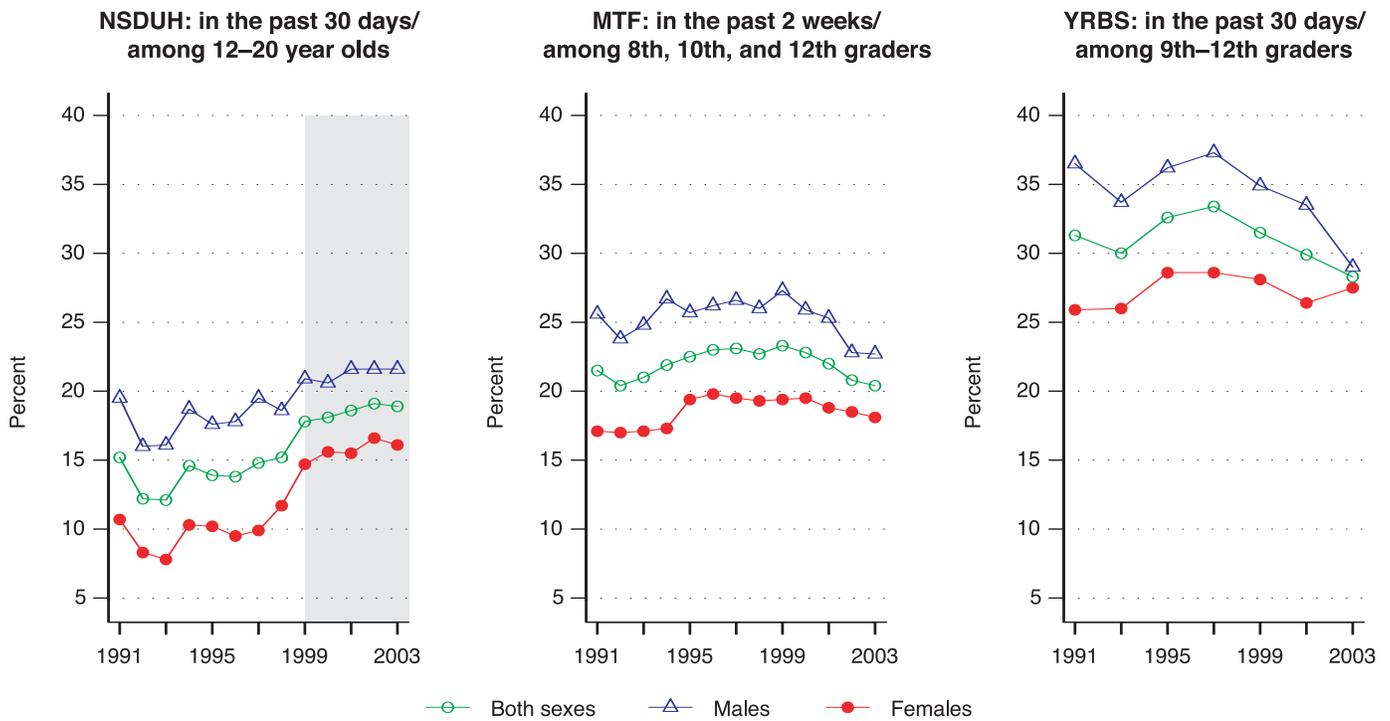
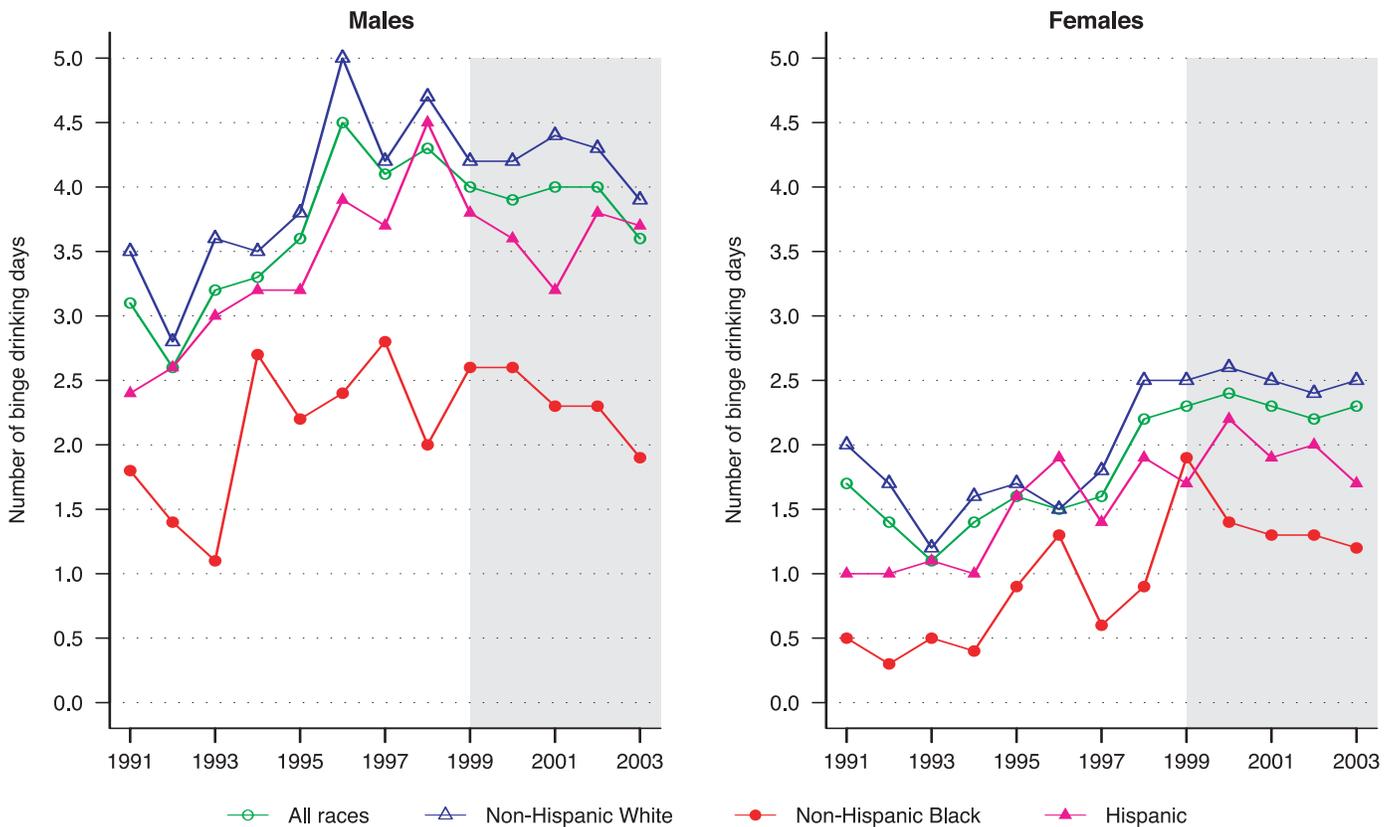
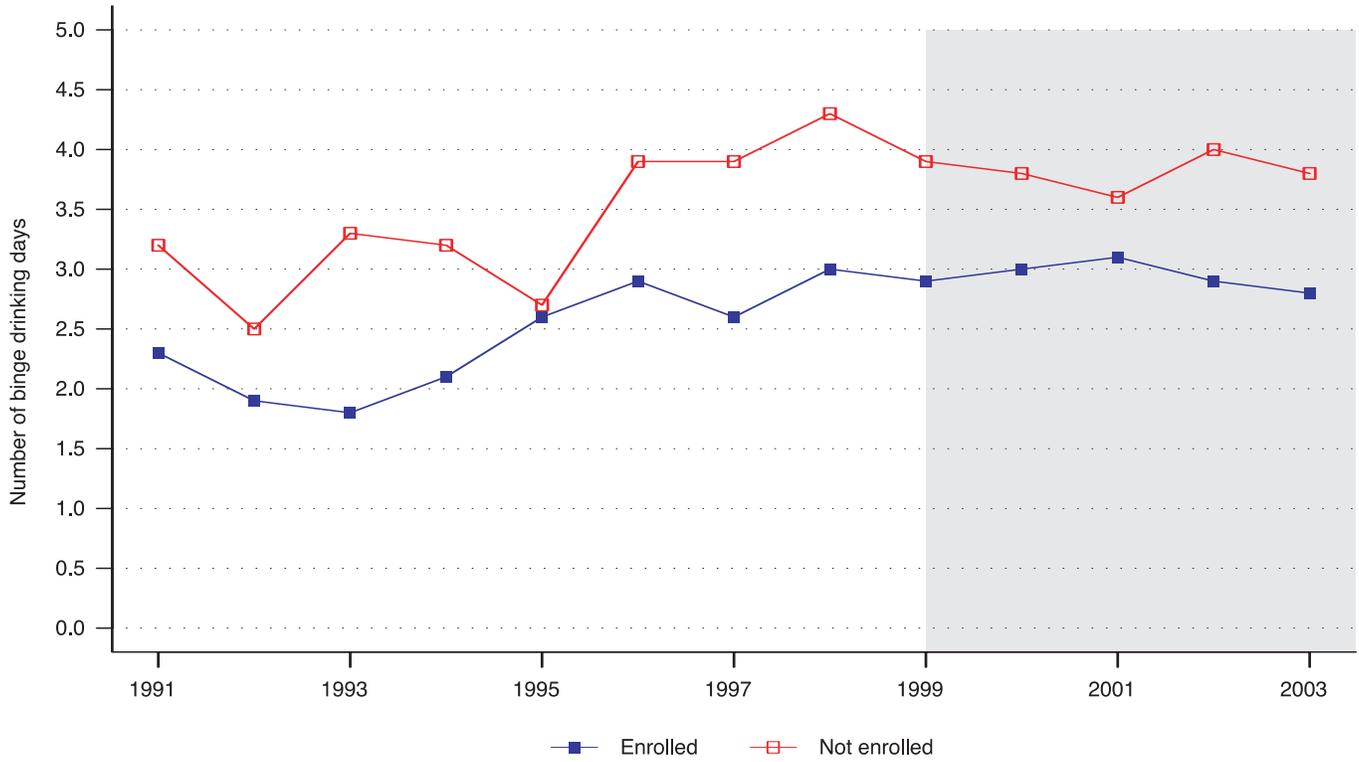


Figure 6-2. NSDUH: Mean number of binge drinking days in the past 30 days among 12–20 year olds, by sex, and race/Hispanic origin, 1991–2003.



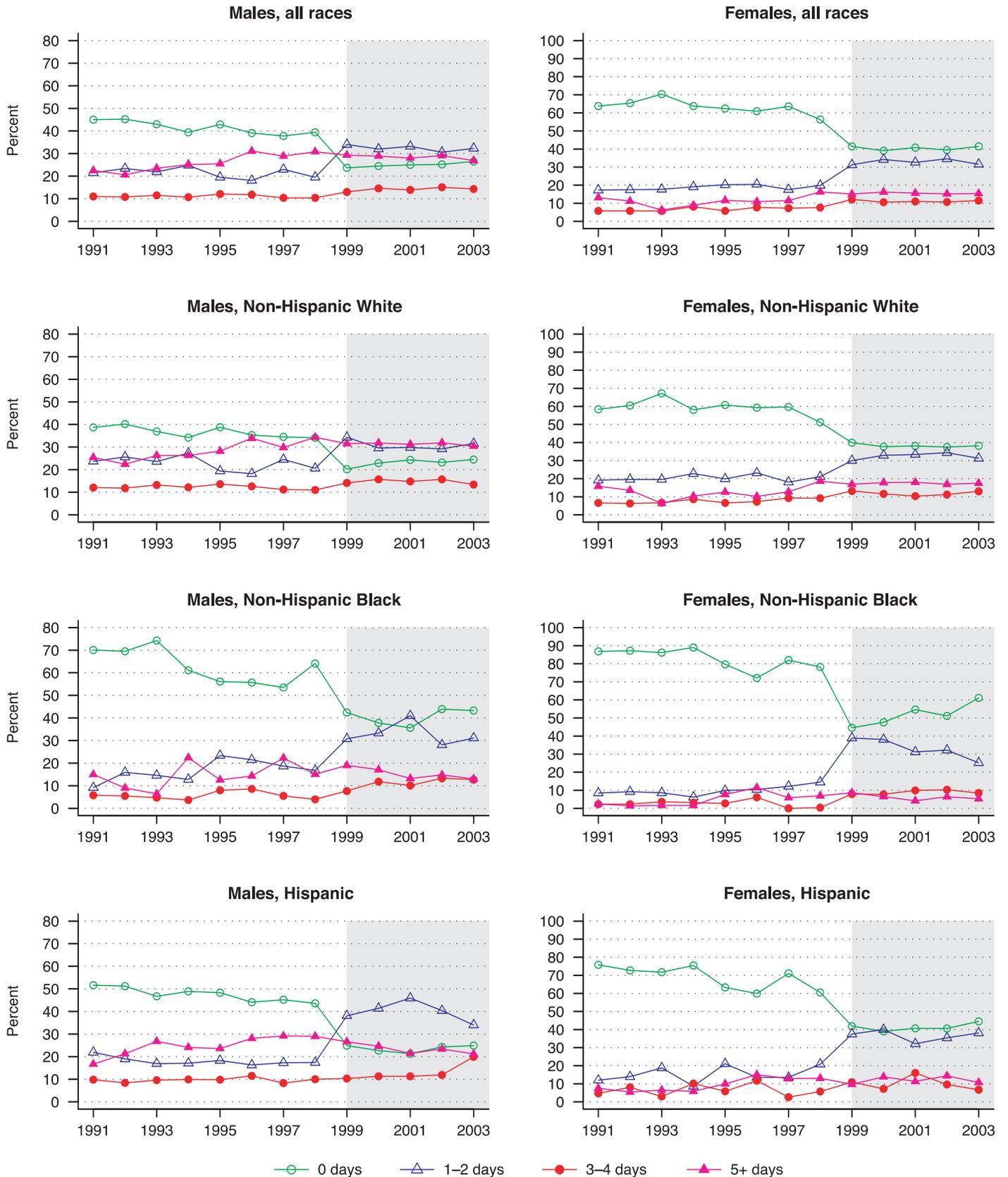
[Shaded areas represent the period of implementation of a major redesign to the NSDUH survey (1999–2003).]

Figure 6-3. NSDUH: Mean number of binge drinking days in the past 30 days among 12–20 year olds, by school enrollment status, 1991–2003.



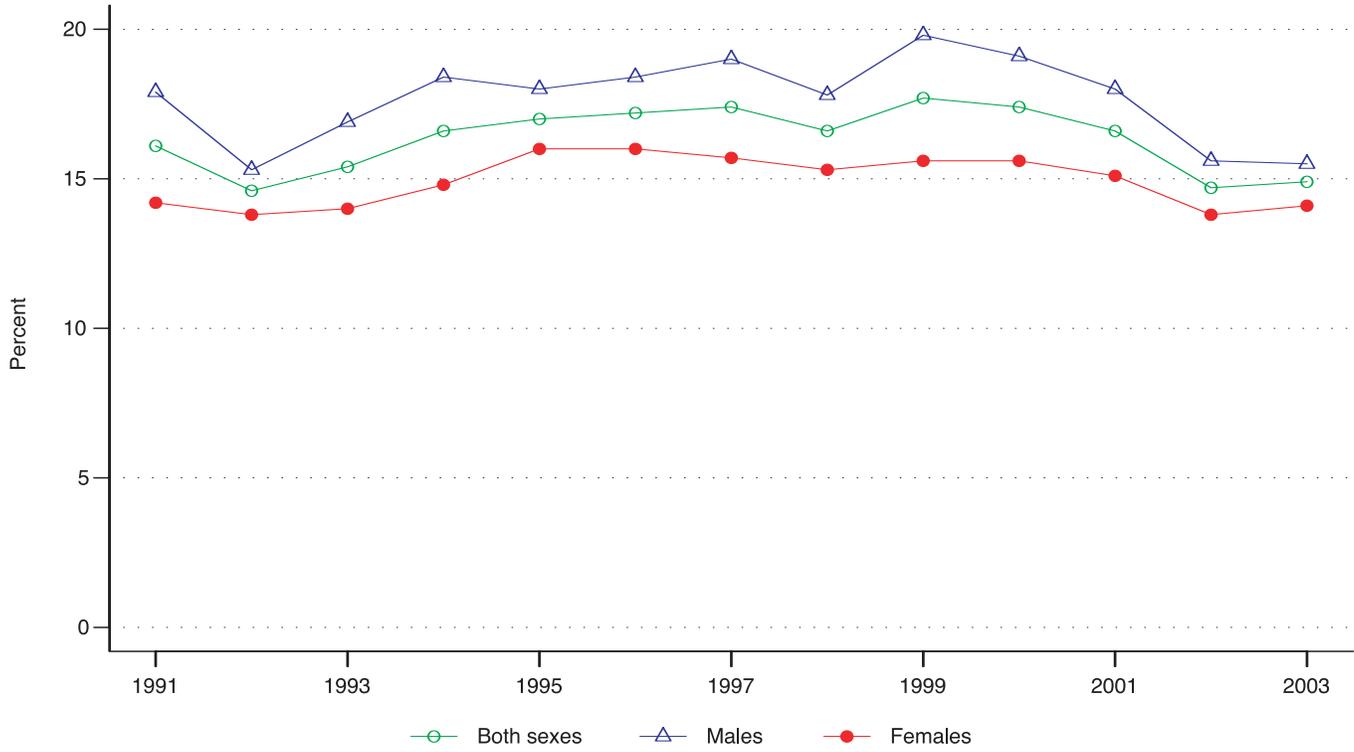
[Shaded areas represent the period of implementation of a major redesign to the NSDUH survey (1999–2003).]

Figure 6-4. NSDUH: Frequency of binge drinking in the past 30 days among 12–20 year olds, by category (0 days, 1–2 days, 3–4 days, 5+ days), sex, and race/Hispanic origin, 1991–2003.



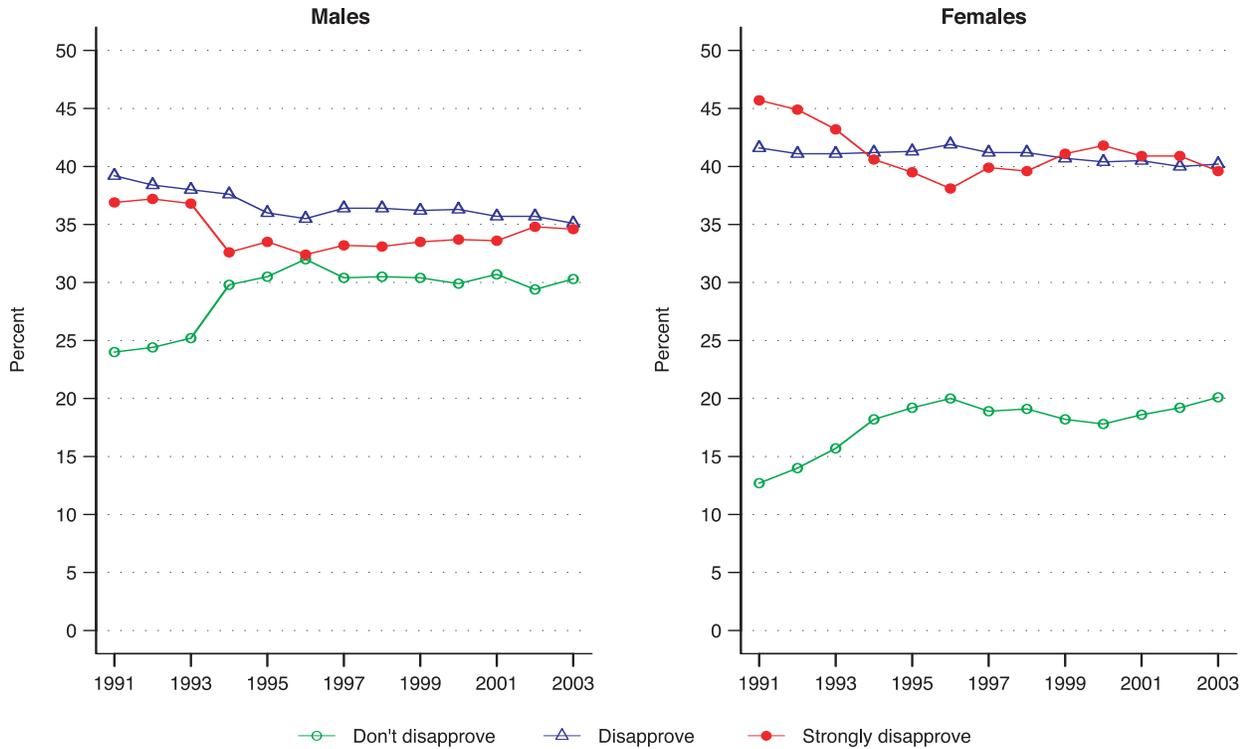
[Shaded areas represent the period of implementation of a major redesign to the NSDUH survey (1999–2003).]

Figure 7. MTF: Prevalence of having been drunk or very high from drinking alcoholic beverages in the past 30 days among 8th, 10th, and 12th graders, by sex, 1991–2003.



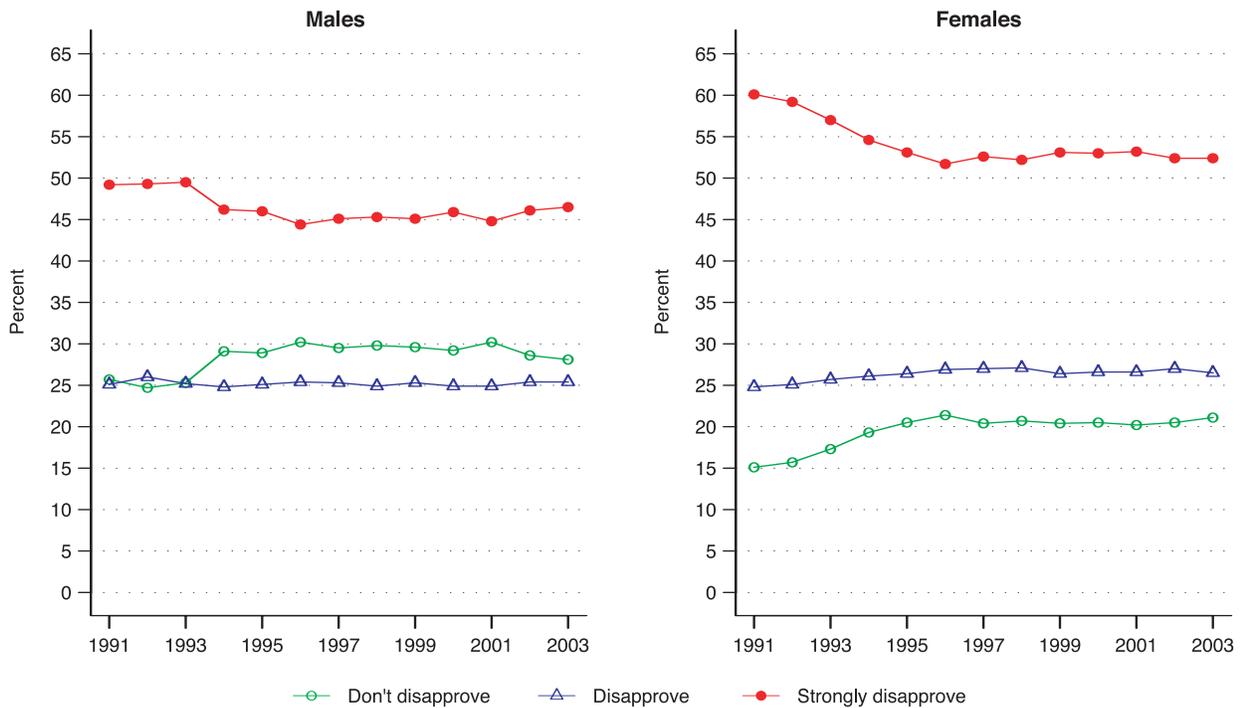
NOTE: The question was asked of only about half the 8th and 10th grade sample for 1991–1996. It was asked of the full sample for 1997–2003. For 12th graders, the question was asked of about one third of the sample for 1991–2003.

Figure 8-1a. MTF: Percent distribution of disapproval towards taking one or two drinks nearly every day among 8th, 10th, and 12th graders, by sex, 1991–2003.



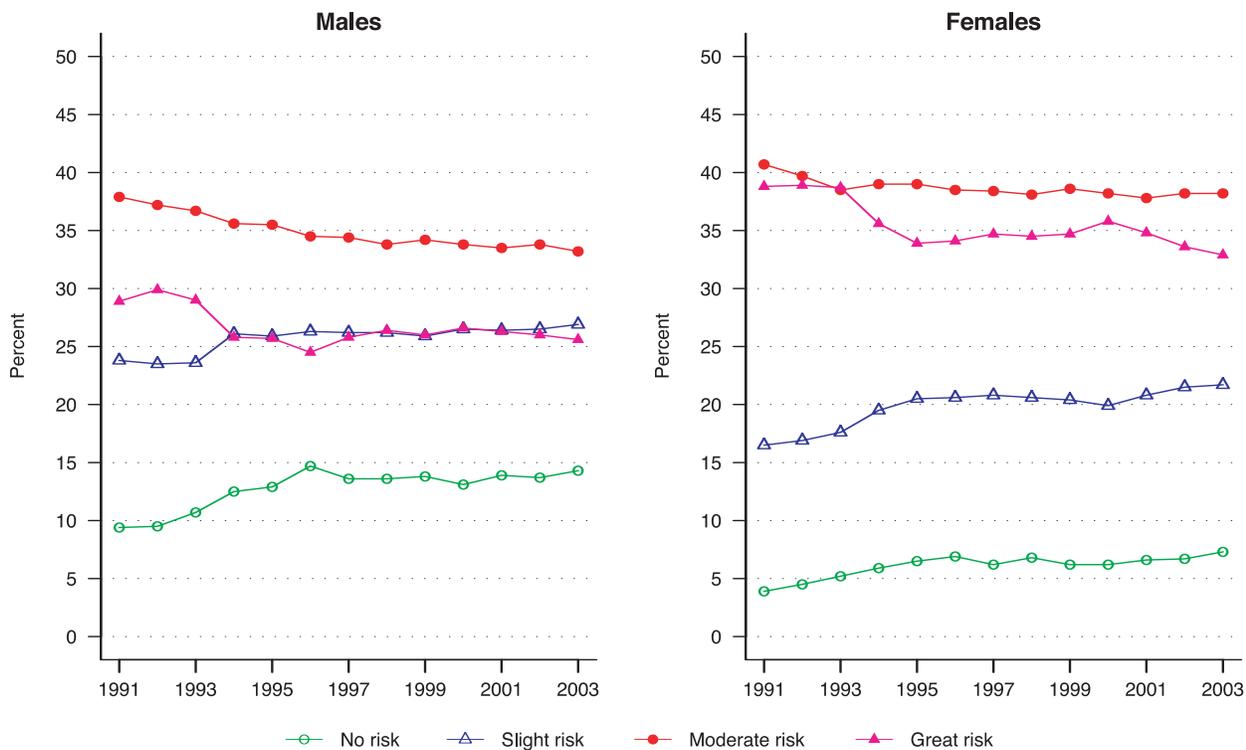
NOTE: The question was asked of only about half the 8th and 10th grade sample for 1991–1996. It was asked of the full sample for 1997–2003. For 12th graders, the question was asked of about two thirds of the sample for 1991–2003.

Figure 8-1b. MTF: Percent distribution of disapproval towards having five or more drinks once or twice each weekend among 8th, 10th, and 12th graders, by sex, 1991–2003.



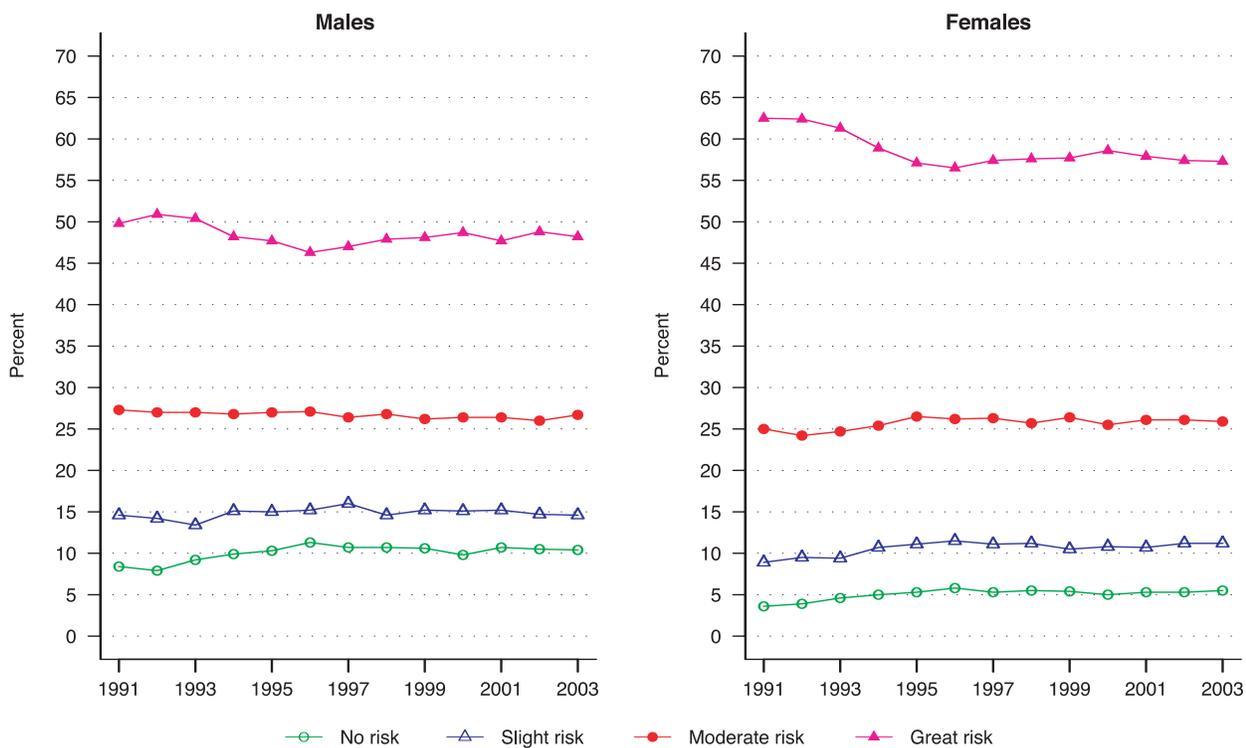
NOTE: The question was asked of only about half the 8th and 10th grade sample for 1991–1996. It was asked of the full sample for 1997–2003. For 12th graders, the question was asked of about two thirds of the sample for 1991–2003.

Figure 8-2a. MTF: Percent distribution of perceived risk of harm by having one or two drinks nearly every day among 8th, 10th, and 12th graders, by sex, 1991–2003.



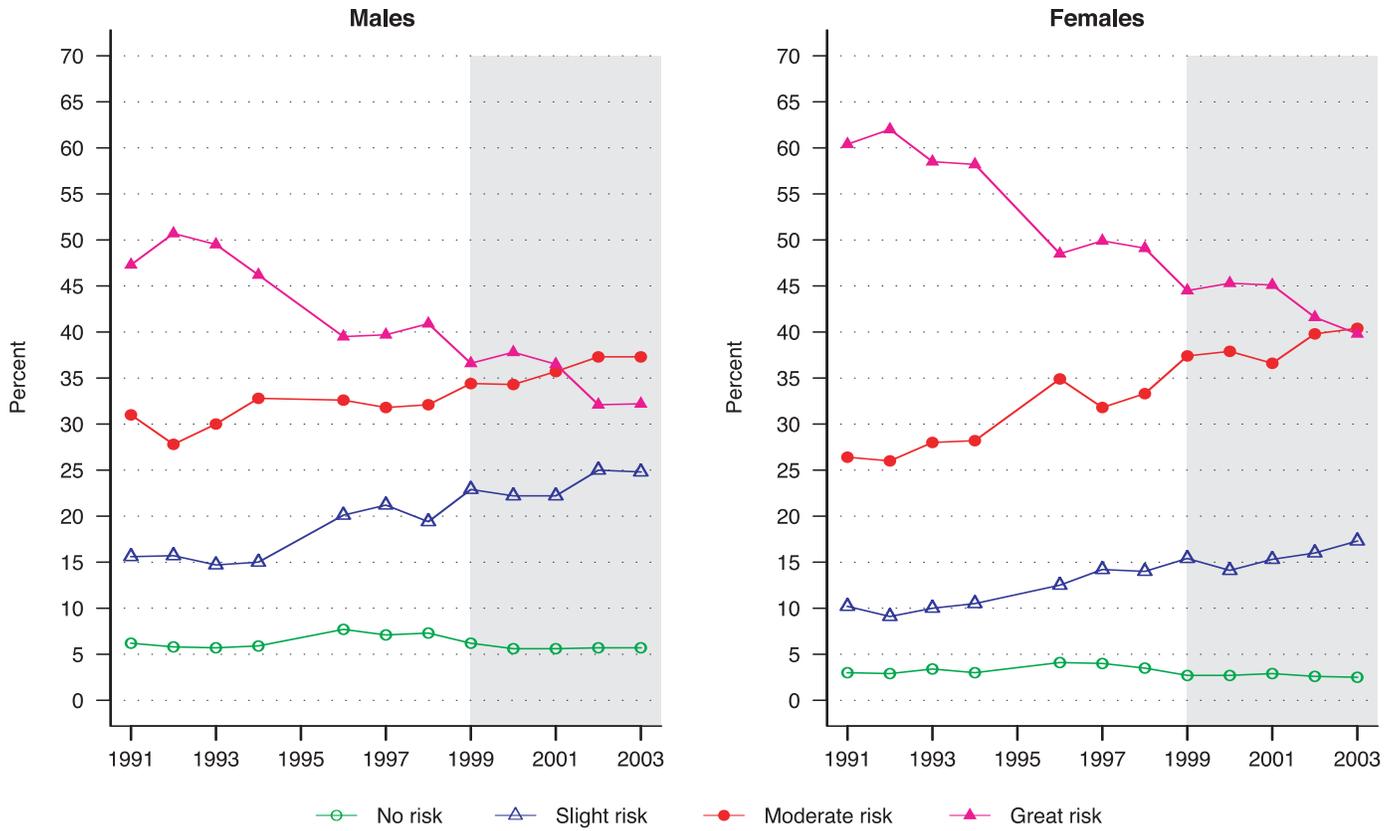
NOTE: The question was asked of only about half the 8th and 10th grade sample for 1991–1996. It was asked of the full sample for 1997–2003. For 12th graders, the question was asked of about five sixths of the sample for 1991–2003.

Figure 8-2b. MTF: Percent distribution of perceived risk of harm by having five or more drinks once or twice each weekend among 8th, 10th, and 12th graders, by sex, 1991–2003.



NOTE: The question was asked of only about half the 8th and 10th grade sample for 1991–1996. It was asked of the full sample for 1997–2003. For 12th graders, the question was asked of about five sixths of the sample for 1991–2003.

Figure 8-2c. NSDUH: Percent distribution of perceived risk of harm by having five or more drinks once or twice a week among 12–20 year olds, by sex, 1991–2003.



[Shaded areas represent the period of implementation of a major redesign to the NSDUH survey (1999–2003).]

Figure 9-1a. NSDUH: Prevalence of driving a vehicle while under the influence of alcohol in the past 12 months among 12–20 year olds, by sex and race/Hispanic origin, 1995–2003.

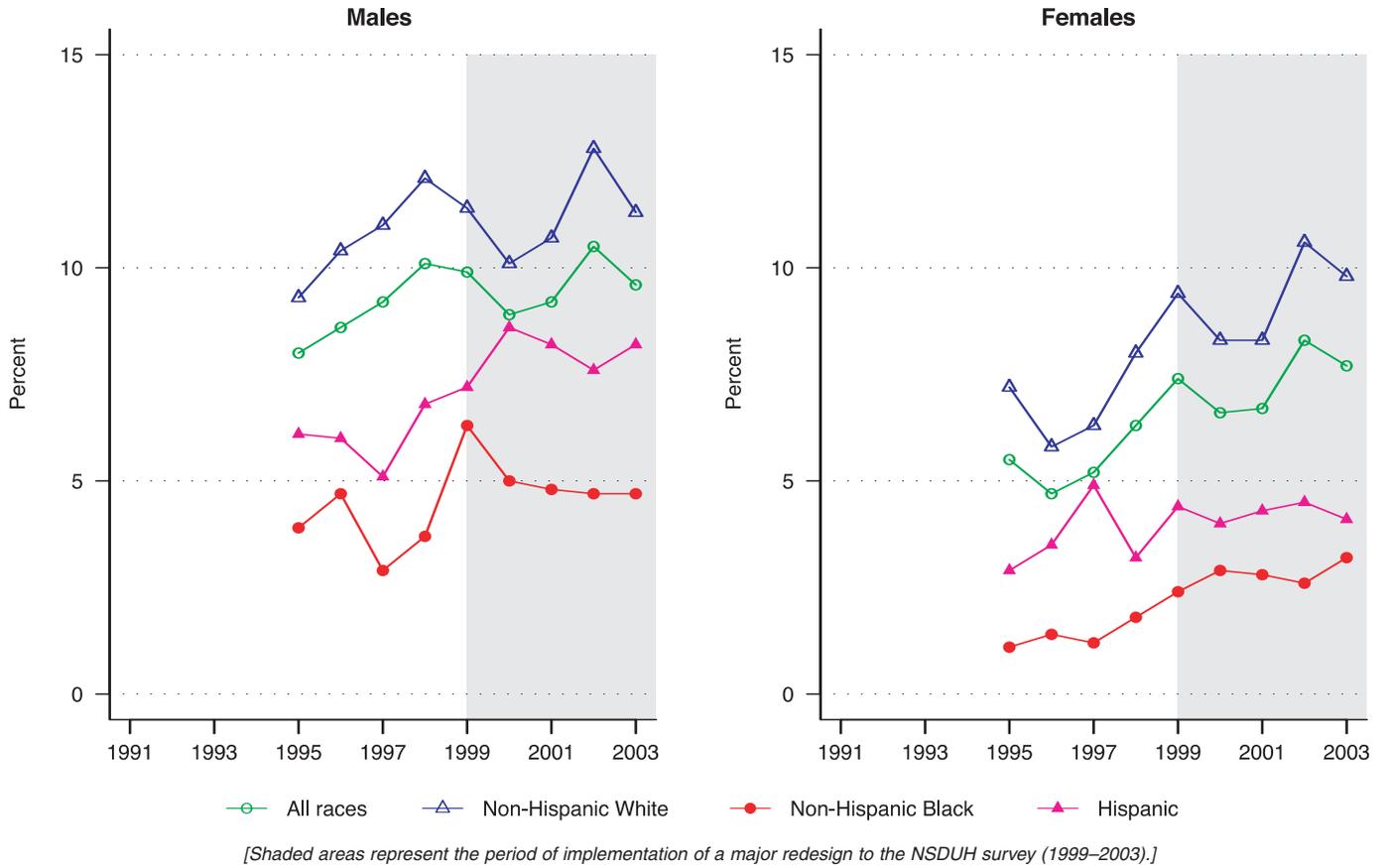


Figure 9-1b. YRBS: Prevalence of driving after drinking alcohol in the past 30 days, by sex and race/Hispanic origin, 1991–2003.

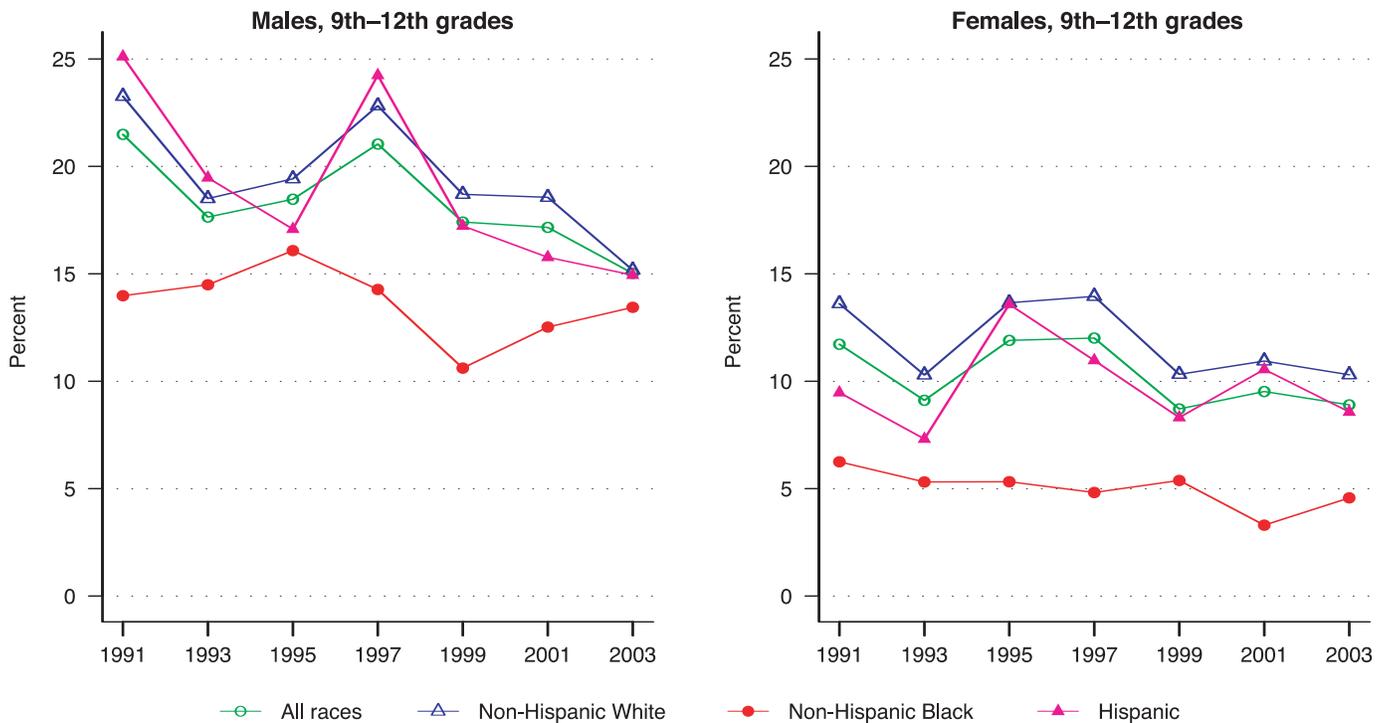


Figure 9-1c. YRBS: Prevalence of riding in a car driven by someone who had been drinking in the past 30 days, by sex and race/Hispanic origin, 1991–2003.

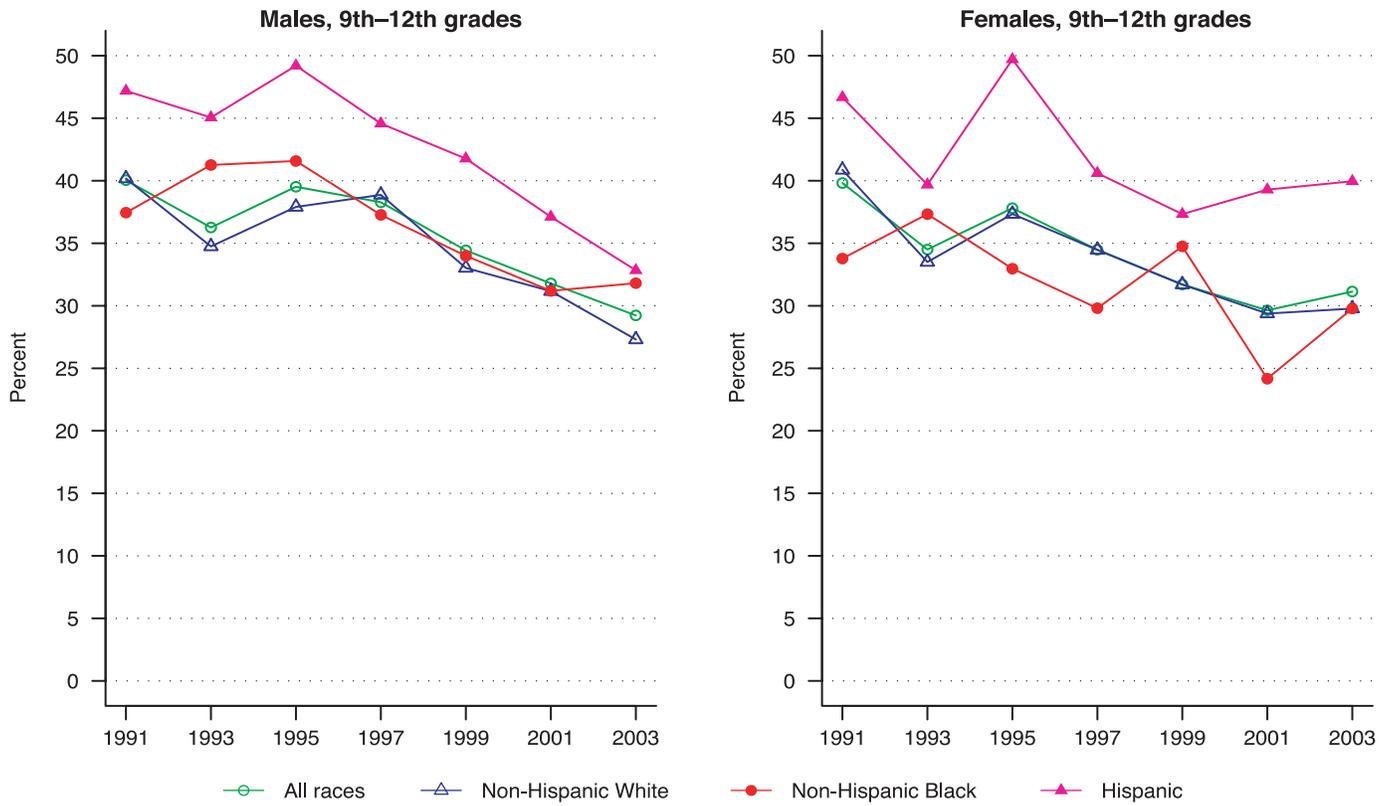


Figure 9-2. YRBS: Prevalence of drinking alcohol or using drugs before last sexual intercourse, by sex, 1991–2003.

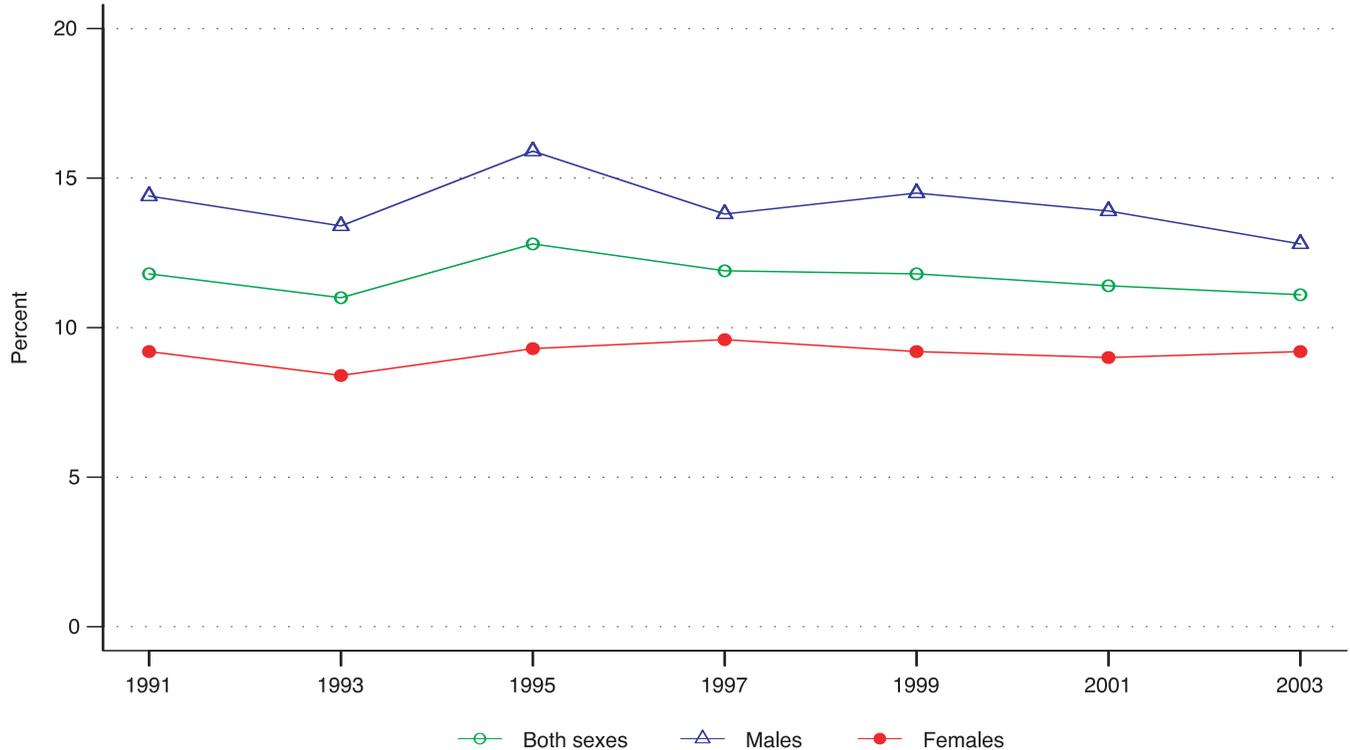


Figure 9-3. YRBS: Prevalence of ever drinking on school property in the past 30 days, by sex, 1993–2003.

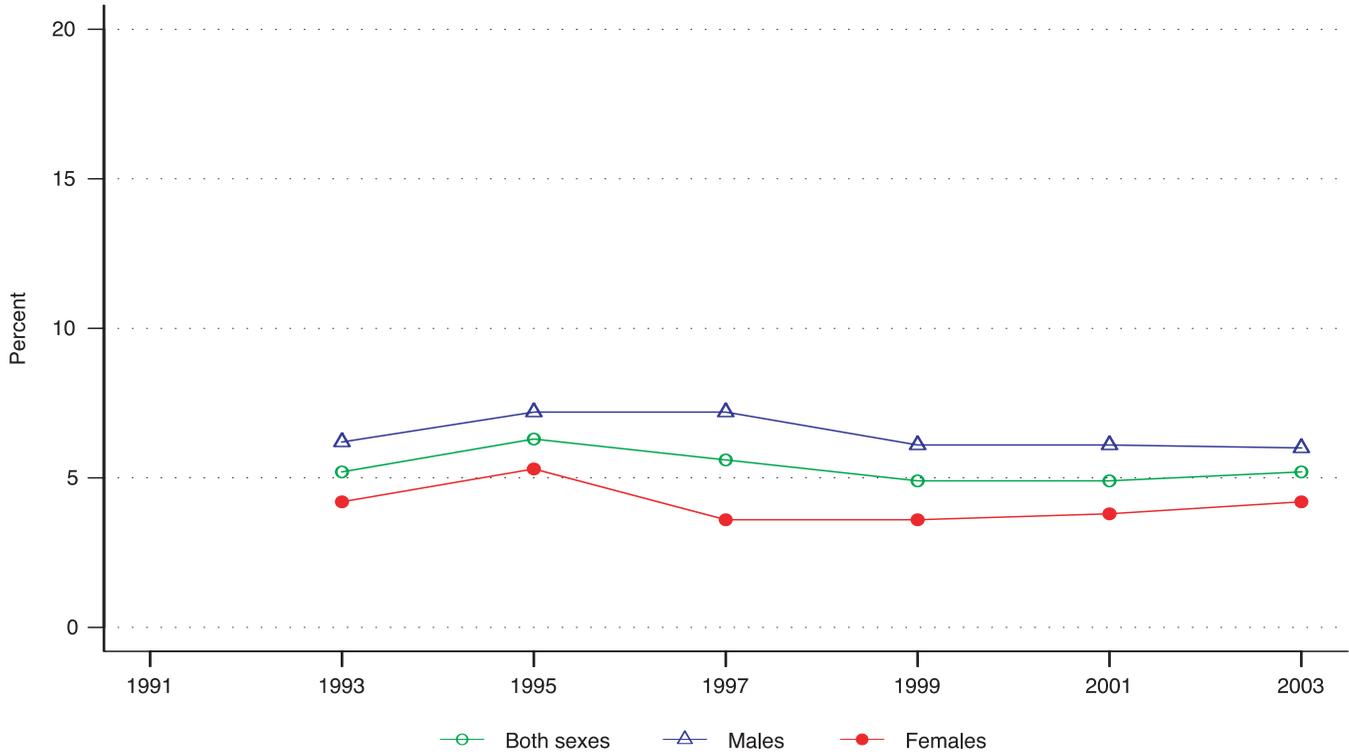


Figure 9-4. NSDUH: Prevalence of drinking and activity with risk of physical danger in the past 12 months among 12–20 year olds, by sex, 2000–2003.

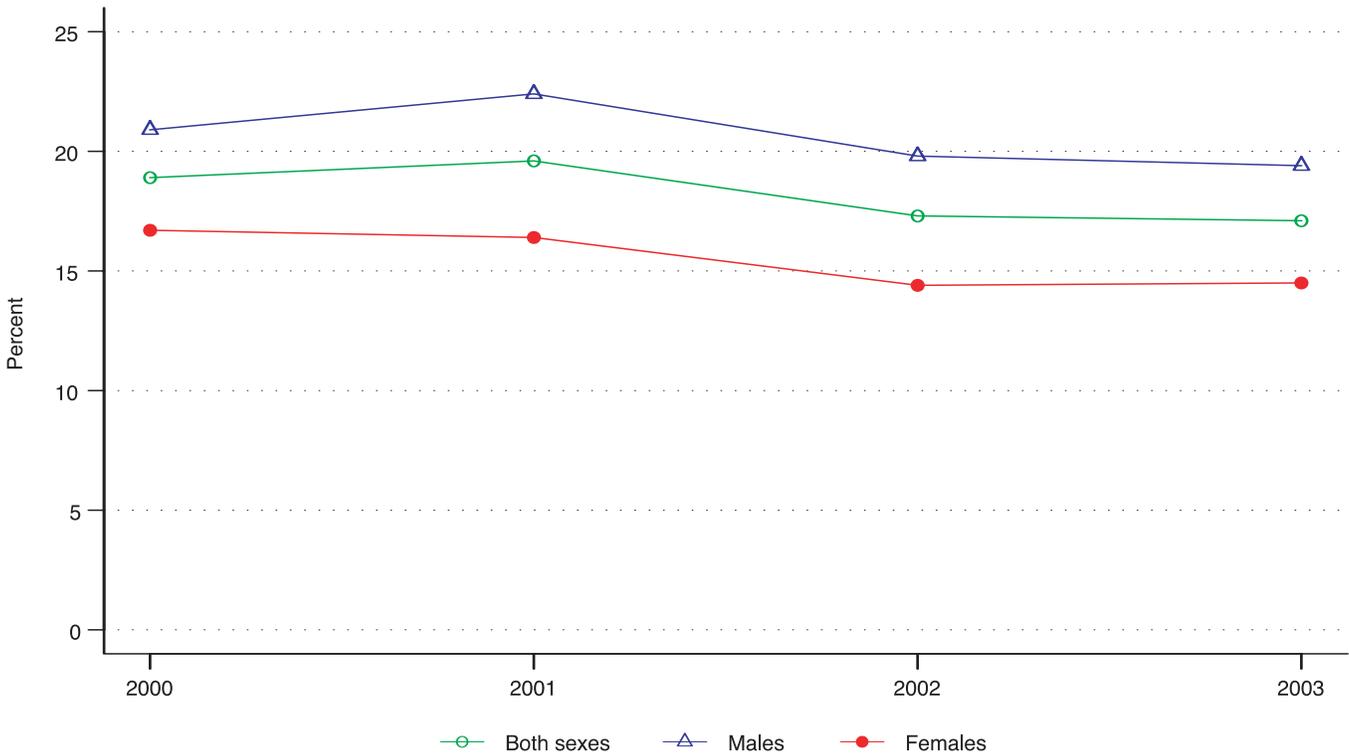


Figure 9-5. NSDUH: Prevalence of drinking and getting into legal trouble in the past 12 months among 12–20 year olds, by sex, 2000–2003.

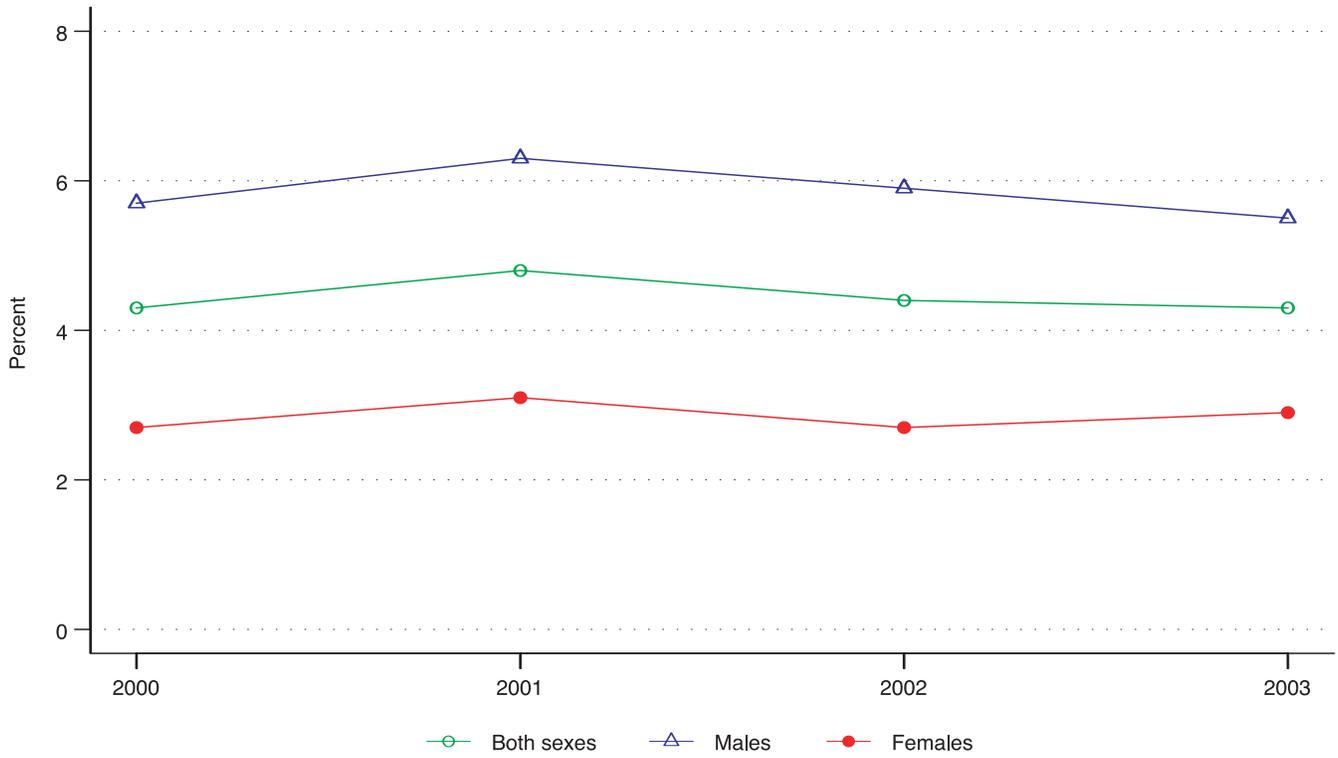


Figure 9-6. NSDUH: Prevalence in the past 12 months of problems with family or friends caused by drinking among 12–20 year olds, by sex, 2000–2003.

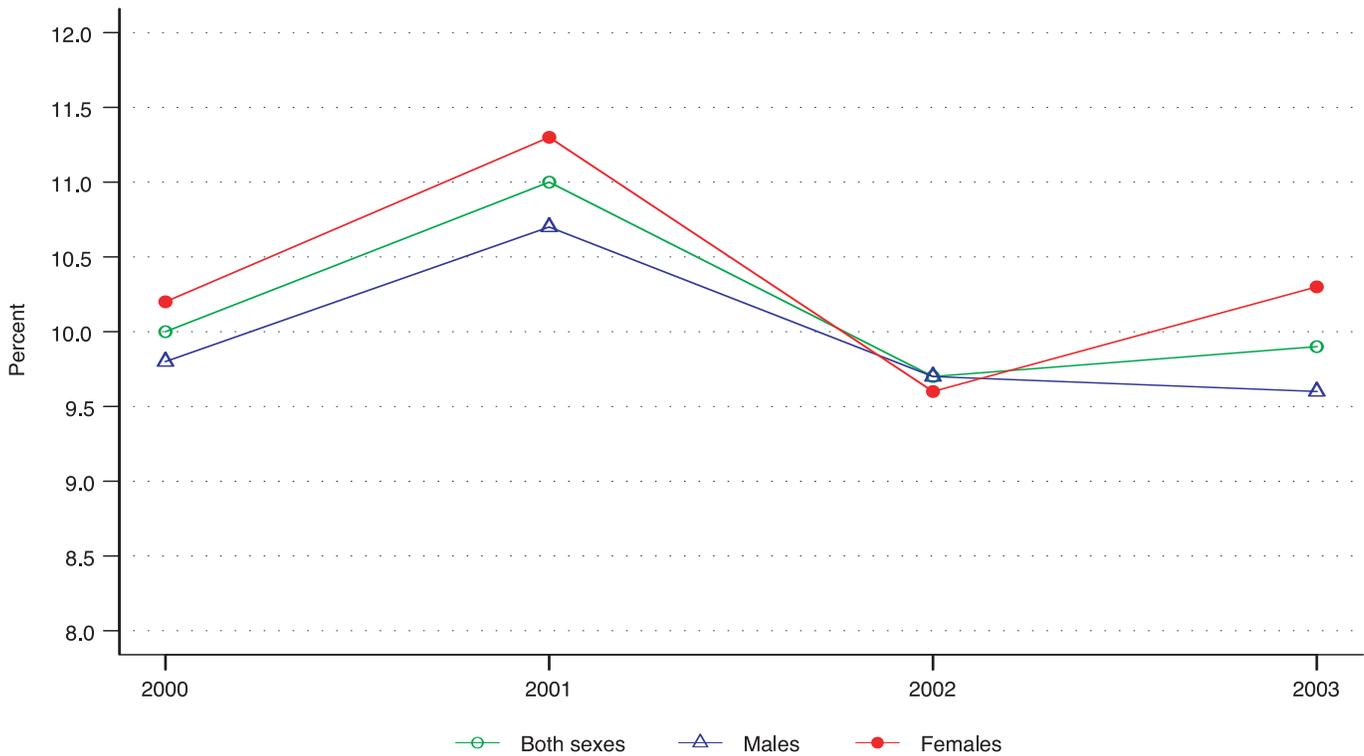


Table 1-1. NSDUH: Prevalence of drinking in the past 30 days, by age, sex, and race/Hispanic origin, among 12–20 year olds, United States, 1991–2003.¹

Sex, Race/Hispanic origin, and Year	Age							
	12–20		12–14		15–17		18–20	
	Percent	S.E.	Percent	S.E.	Percent	S.E.	Percent	S.E.
Both Sexes								
All races								
2003	29.3	0.4	7.7	0.4	28.0	0.6	52.4	0.8
2002	28.9	0.4	7.3	0.3	28.6	0.6	51.4	0.8
2001	28.5	0.4	7.0	0.3	27.5	0.6	50.6	0.8
2000	27.5	0.4	7.2	0.3	25.7	0.5	49.0	0.8
1999	27.7	0.4	6.8	0.3	26.3	0.5	49.2	0.8
1998	30.6	1.0	8.3	0.8	30.2	1.3	53.5	1.8
1997	31.3	1.0	10.6	0.8	30.3	1.3	53.4	1.8
1996	28.7	1.1	7.9	0.7	29.4	1.6	50.1	1.9
1995	30.7	1.0	12.1	0.8	30.4	1.2	52.1	2.0
1994	31.2	1.6	10.0	1.0	28.2	1.3	55.8	2.4
1993	28.6	1.0	7.5	0.7	28.9	1.4	49.9	1.8
1992	27.3	0.8	5.7	0.6	26.2	1.2	50.3	1.6
1991	33.4	0.8	10.5	0.7	29.9	1.1	57.0	1.6
Non-Hispanic White								
2003	33.5	0.5	8.6	0.5	32.5	0.8	59.4	1.0
2002	33.0	0.5	7.9	0.4	32.5	0.7	58.4	0.9
2001	31.7	0.5	8.0	0.4	31.2	0.7	55.0	1.0
2000	30.8	0.5	7.9	0.4	29.2	0.6	54.3	0.9
1999	31.0	0.5	7.4	0.4	29.2	0.7	55.4	1.0
1998	33.4	1.4	8.2	1.0	33.7	1.6	58.5	2.5
1997	34.3	1.2	10.8	1.0	33.1	1.7	59.7	2.4
1996	31.1	1.5	9.1	1.0	32.0	2.0	55.4	2.7
1995	32.9	1.4	13.4	1.1	32.8	1.7	55.4	2.7
1994	34.5	2.0	10.6	1.4	30.8	1.8	61.9	2.7
1993	30.9	1.3	7.9	1.0	30.8	1.8	54.6	2.3
1992	29.4	1.1	5.9	0.8	28.1	1.6	54.4	2.2
1991	35.0	1.0	9.7	0.8	31.0	1.3	60.8	2.0
Non-Hispanic Black								
2003	18.7	0.9	5.6	0.8	15.2	1.4	36.4	2.0
2002	19.2	0.8	4.6	0.6	18.3	1.3	36.6	1.7
2001	19.6	1.1	4.5	0.7	16.6	1.3	38.0	2.2
2000	18.2	0.9	4.5	0.6	13.5	1.1	36.8	1.9
1999	18.3	1.0	4.3	0.7	14.7	1.2	34.5	2.1
1998	22.9	1.6	#7.3	1.4	19.1	2.4	41.4	2.7
1997	22.8	1.6	10.4	1.7	22.2	2.3	35.3	3.2
1996	23.8	1.4	5.0	0.8	23.2	2.3	42.3	2.4
1995	22.6	1.4	9.3	1.5	21.0	2.0	38.3	2.6
1994	22.2	1.6	8.6	1.2	21.8	2.3	37.6	3.2
1993	21.7	1.6	#6.0	1.4	21.2	2.2	39.0	3.4
1992	22.9	1.5	#4.5	1.3	22.0	2.3	43.4	3.2
1991	30.0	1.6	13.0	1.9	26.9	2.3	49.1	2.8
Hispanic								
2003	26.1	0.9	7.8	1.0	25.5	1.6	45.0	2.1
2002	24.8	0.9	8.7	1.0	26.1	1.7	40.1	2.0
2001	25.5	1.1	6.0	0.9	23.9	1.7	46.6	2.3
2000	24.6	1.0	7.9	0.8	25.2	1.4	40.4	2.2
1999	24.0	0.9	7.4	0.8	26.0	1.6	37.9	2.0
1998	27.7	1.2	10.4	1.6	28.1	2.4	45.4	2.3
1997	27.1	1.2	10.0	1.2	28.3	2.3	43.4	2.9
1996	27.7	1.4	7.4	1.2	31.2	2.5	42.4	2.9
1995	28.1	1.6	8.8	0.9	29.0	2.6	48.4	3.9
1994	27.3	2.0	#10.4	1.9	25.1	2.6	45.6	3.4
1993	26.5	1.6	#8.5	1.5	26.4	2.2	42.7	3.5
1992	24.6	1.4	#8.1	1.5	24.5	2.0	43.6	2.3
1991	30.8	1.5	12.2	1.7	32.3	2.3	46.4	2.8
Native American/Alaska Native								
2003	28.0	3.3	#9.2	3.1	#28.8	5.5	47.4	7.3
2002	33.1	5.2	#5.9	2.4	#36.3	8.3	55.1	9.4
2001	#21.6	4.2	#6.3	3.8	#32.6	7.6	#25.2	8.3
2000	28.9	4.3	#9.6	3.8	#29.5	6.1	#54.0	10.3
1999	28.0	4.4	#7.6	3.6	#37.6	8.2	48.9	8.6
Asian, Native HI/Other PI								
2003	18.8	1.9	#1.0	1.0	15.3	2.5	36.2	3.8
2002	16.7	1.6	#2.4	0.9	#13.8	2.5	34.2	3.8
2001	19.8	2.0	#3.5	1.1	17.4	2.8	38.0	5.1

See footnotes at end of table.

Table 1-1. NSDUH: Prevalence of drinking in the past 30 days, by age, sex, and race/Hispanic origin, among 12–20 year olds, United States, 1991–2003.¹ — Continued

Sex, Race/Hispanic origin, and Year	Age							
	12–20		12–14		15–17		18–20	
	Percent	S.E.	Percent	S.E.	Percent	S.E.	Percent	S.E.
Both Sexes								
Asian, Native HI/Other PI								
2000	14.8	1.5	#1.6	0.6	12.5	2.1	30.4	3.7
1999	20.4	1.8	#4.0	1.3	18.0	2.7	38.9	4.1
More than one race								
2003	27.7	3.1	#8.8	2.3	#27.0	6.5	58.9	5.2
2002	28.7	3.0	#7.5	2.8	#26.5	4.7	62.3	5.9
2001	27.0	3.1	#5.0	2.0	#26.0	4.6	50.8	6.6
2000	25.1	2.6	#6.2	2.0	30.3	4.7	45.7	6.1
1999	27.8	2.6	#2.8	1.3	27.6	4.4	54.5	6.2
Male								
All races								
2003	30.5	0.6	7.2	0.5	27.9	0.9	56.7	1.2
2002	29.7	0.5	7.0	0.4	28.0	0.8	54.6	1.1
2001	29.8	0.6	6.4	0.4	28.0	0.8	54.9	1.1
2000	28.4	0.5	6.6	0.4	25.9	0.7	52.4	1.0
1999	29.1	0.6	7.1	0.4	26.8	0.8	53.3	1.2
1998	32.5	1.2	7.9	0.9	31.8	1.7	58.6	2.6
1997	33.3	1.4	11.1	1.1	31.2	2.1	57.8	2.6
1996	31.4	1.6	7.5	1.0	31.0	2.0	56.1	2.7
1995	32.5	1.3	12.9	1.4	32.3	1.6	55.4	2.7
1994	32.7	2.1	8.9	1.0	27.7	1.9	62.3	3.2
1993	29.8	1.2	6.9	0.9	30.8	1.8	52.2	2.2
1992	29.7	1.3	6.6	1.1	27.1	1.7	56.1	2.3
1991	36.3	1.1	10.9	1.0	32.9	1.5	61.6	2.0
Non-Hispanic White								
2003	34.3	0.7	8.1	0.6	32.0	1.1	63.4	1.3
2002	33.6	0.7	7.4	0.6	31.7	1.0	61.7	1.3
2001	33.0	0.7	7.3	0.6	31.9	1.0	59.3	1.3
2000	31.5	0.6	7.5	0.5	29.3	0.9	57.2	1.2
1999	31.9	0.7	8.1	0.6	29.3	1.0	58.3	1.3
1998	34.9	1.7	8.5	1.3	35.1	2.3	62.1	3.4
1997	36.5	1.9	12.2	1.4	32.9	2.6	64.4	3.3
1996	33.5	2.2	9.0	1.4	32.0	2.5	61.4	4.0
1995	34.1	1.8	15.4	1.9	33.4	2.2	56.5	3.6
1994	34.9	2.8	8.9	1.4	30.8	2.5	65.9	4.1
1993	31.6	1.5	#7.2	1.3	32.0	2.4	56.2	3.1
1992	31.5	1.8	#7.1	1.5	28.2	2.2	59.0	3.1
1991	37.9	1.5	10.2	1.2	34.0	2.0	65.2	2.6
Non-Hispanic Black								
2003	20.2	1.3	#4.9	0.9	16.1	1.8	40.1	2.9
2002	19.9	1.2	#4.0	0.8	18.3	2.0	38.6	2.6
2001	20.0	1.3	#5.3	1.0	14.7	1.7	40.2	3.0
2000	19.0	1.3	#4.2	0.8	12.6	1.5	41.1	2.9
1999	20.6	1.4	#4.1	0.9	16.3	1.7	41.0	3.4
1998	24.6	1.5	#7.3	2.0	17.7	2.4	49.1	3.1
1997	22.4	2.6	#9.2	1.9	24.8	3.2	33.5	5.5
1996	25.9	2.0	#3.9	1.2	27.4	3.5	48.4	4.3
1995	23.7	2.0	#9.7	2.3	24.7	2.6	37.6	4.2
1994	26.4	2.6	#10.3	2.4	20.6	3.3	49.3	5.4
1993	24.8	2.2	#6.2	1.8	27.3	3.3	43.1	5.4
1992	25.6	2.0	#4.1	1.6	26.4	3.4	50.3	4.5
1991	32.3	2.3	#13.1	3.2	31.9	2.9	52.1	3.2
Hispanic								
2003	28.6	1.4	#7.1	1.4	26.3	2.3	51.8	2.8
2002	26.8	1.3	9.7	1.6	25.7	2.2	44.1	2.9
2001	27.9	1.5	#4.6	1.0	26.0	2.2	51.5	3.2
2000	26.2	1.4	6.3	1.0	27.2	2.3	44.9	3.0
1999	27.1	1.4	7.5	1.2	26.7	2.2	46.6	3.1
1998	30.4	2.0	#8.9	2.0	30.2	3.0	53.8	3.6
1997	30.0	1.9	#9.4	1.8	31.2	3.2	49.4	4.5
1996	31.5	2.1	#6.0	1.6	37.6	3.4	47.8	3.9
1995	32.2	2.1	#5.9	1.2	33.1	3.8	63.1	4.5
1994	29.5	2.6	#6.0	2.0	24.2	3.0	59.6	5.1
1993	31.4	2.8	#7.7	2.0	32.3	3.0	51.3	6.1
1992	27.3	2.1	#8.5	2.2	25.4	2.8	51.6	3.5

See footnotes at end of table.

Table 1-1. NSDUH: Prevalence of drinking in the past 30 days, by age, sex, and race/Hispanic origin, among 12–20 year olds, United States, 1991–2003.¹ — Continued

Sex, Race/Hispanic origin, and Year	Age							
	12–20		12–14		15–17		18–20	
	Percent	S.E.	Percent	S.E.	Percent	S.E.	Percent	S.E.
Male								
Hispanic								
1991	35.8	2.1	#12.6	2.6	34.4	3.4	57.3	4.0
Native American/Alaska Native								
2003	#23.8	4.5	#9.1	5.1	#28.0	9.0	#39.8	9.3
2002	#22.0	4.4	#1.6	1.2	#14.5	5.3	62.3	8.3
2001	#30.0	7.4	#5.0	4.6	#43.6	11.2	#38.3	8.8
2000	#22.2	5.4	#6.1	4.2	#19.8	7.0	#56.8	13.7
1999	#29.4	5.5	#4.9	3.3	#38.8	10.5	#46.5	11.4
Asian, Native HI/Other PI								
2003	18.3	2.6	#0.2	0.2	#9.1	2.5	41.3	5.4
2002	17.4	2.5	#3.5	1.4	#12.3	3.3	39.7	6.1
2001	18.8	2.6	#2.4	1.2	#15.5	3.4	42.6	6.7
2000	17.3	2.3	#2.6	1.2	#13.5	2.6	36.2	5.8
1999	21.0	2.4	#2.5	1.5	#20.5	3.9	39.3	5.9
More than one race								
2003	#27.4	5.0	#8.1	2.7	#31.0	11.0	55.6	8.0
2002	27.9	3.5	#2.3	1.5	#29.5	6.2	63.1	8.9
2001	27.5	4.2	#6.4	3.2	#23.1	6.4	63.8	9.6
2000	26.7	4.4	#1.9	1.4	#31.2	8.0	#45.6	8.4
1999	26.9	3.7	#1.0	0.9	#25.2	6.4	#52.1	9.4
Female								
All races								
2003	28.1	0.6	8.3	0.6	28.2	0.9	47.9	1.2
2002	28.1	0.5	7.6	0.5	29.2	0.9	48.1	1.1
2001	27.1	0.6	7.5	0.5	27.0	0.8	46.2	1.2
2000	26.5	0.5	7.8	0.4	25.6	0.7	45.4	1.1
1999	26.3	0.5	6.4	0.4	25.8	0.8	45.2	1.1
1998	28.6	1.5	8.7	1.2	28.5	1.7	48.1	2.8
1997	29.2	1.2	10.0	1.1	29.5	1.3	48.5	2.5
1996	25.8	1.1	8.4	1.1	27.8	1.9	43.1	2.2
1995	28.8	1.3	11.2	1.2	28.5	1.6	48.9	2.5
1994	29.8	1.6	11.2	1.4	28.8	1.9	49.3	2.9
1993	27.3	1.3	8.1	1.1	26.9	1.9	47.5	2.7
1992	24.7	1.2	4.9	0.8	25.2	2.0	44.6	2.4
1991	30.4	1.0	10.1	1.2	26.6	1.5	52.2	2.4
Non-Hispanic White								
2003	32.7	0.7	9.2	0.7	32.9	1.1	55.3	1.4
2002	32.4	0.7	8.5	0.7	33.3	1.1	55.0	1.2
2001	30.3	0.7	8.7	0.6	30.5	1.0	50.5	1.4
2000	30.1	0.7	8.3	0.6	29.2	0.9	51.3	1.3
1999	30.1	0.7	6.7	0.5	29.1	1.0	52.5	1.3
1998	31.8	2.0	8.0	1.4	32.3	2.1	54.7	3.8
1997	31.9	1.5	9.4	1.3	33.2	1.7	54.3	3.5
1996	28.4	1.4	9.2	1.5	32.0	2.5	48.2	2.7
1995	31.7	1.7	11.4	1.4	32.1	2.2	54.3	3.4
1994	34.1	1.9	12.5	2.0	30.8	2.6	57.8	3.4
1993	30.1	1.7	#8.7	1.6	29.6	2.4	52.8	3.2
1992	27.1	1.6	#4.7	1.0	28.0	2.6	49.7	3.2
1991	32.0	1.2	9.2	1.3	27.8	1.8	56.2	2.9
Non-Hispanic Black								
2003	17.2	1.1	#6.3	1.2	14.2	1.7	32.7	2.6
2002	18.5	1.1	#5.2	0.9	18.3	1.9	34.5	2.4
2001	19.1	1.6	#3.8	0.9	18.5	1.8	35.7	3.1
2000	17.4	1.2	#4.8	0.8	14.3	1.6	32.7	2.7
1999	15.9	1.1	#4.6	1.0	13.2	1.6	28.3	2.5
1998	21.3	2.3	#7.3	1.7	#20.3	3.6	34.5	3.7
1997	23.2	1.8	#11.6	2.3	19.9	2.4	37.0	3.8
1996	21.7	1.9	#6.3	1.4	19.4	3.1	36.8	3.7
1995	21.6	1.7	#8.9	2.3	17.4	2.5	39.0	3.3
1994	18.1	1.9	#6.9	1.7	23.0	3.4	26.0	3.1
1993	18.5	2.0	#5.8	2.0	#15.6	3.0	34.7	3.8
1992	20.4	2.1	#4.9	2.0	#17.6	3.1	37.7	4.2
1991	27.6	2.4	#13.0	2.8	22.0	3.2	46.1	5.1

See footnotes at end of table.

Table 1-1. NSDUH: Prevalence of drinking in the past 30 days, by age, sex, and race/Hispanic origin, among 12–20 year olds, United States, 1991–2003.¹ — Continued

Sex, Race/Hispanic origin, and Year	Age							
	12–20		12–14		15–17		18–20	
	Percent	S.E.	Percent	S.E.	Percent	S.E.	Percent	S.E.
Female								
Hispanic								
2003	23.3	1.4	#8.7	1.6	24.6	1.9	36.9	3.0
2002	22.5	1.3	#7.5	1.3	26.4	2.3	35.0	2.6
2001	23.0	1.4	#7.6	1.4	21.7	2.2	40.6	2.8
2000	23.0	1.3	9.8	1.4	23.3	1.8	35.4	3.2
1999	20.7	1.2	7.3	1.1	25.2	2.3	29.2	2.4
1998	24.8	1.7	#12.0	2.2	26.1	4.0	36.5	3.0
1997	24.1	1.7	#10.7	2.5	25.3	2.9	36.8	3.6
1996	23.5	1.8	9.1	1.6	24.9	3.5	35.4	4.1
1995	24.1	1.9	11.9	1.8	24.7	3.4	35.6	4.7
1994	25.1	2.6	#15.2	3.0	26.0	3.9	32.9	4.8
1993	21.3	1.7	#9.2	2.1	20.1	3.4	33.6	4.0
1992	21.8	1.9	#7.5	1.8	23.6	3.0	35.2	3.4
1991	25.4	2.0	#11.8	2.2	30.0	3.0	33.9	3.8
Native American/Alaska Native								
2003	31.7	4.7	#9.4	3.4	#29.4	7.6	#52.8	10.6
2002	#45.3	8.5	#12.2	5.1	67.6	9.6	#50.5	13.7
2001	#14.3	3.5	#7.3	3.9	#18.8	6.3	#17.8	9.5
2000	#37.4	8.3	#16.8	9.9	#39.9	10.2	#51.5	15.2
1999	#26.4	6.4	#9.8	6.6	#35.8	9.4	#52.6	12.9
Asian, Native HI/Other PI								
2003	19.4	2.6	#2.1	2.0	#21.9	4.6	#30.8	5.6
2002	16.0	2.4	#1.1	0.8	#15.1	3.7	29.8	5.0
2001	20.7	3.0	#4.7	1.8	#19.6	4.7	#34.7	6.7
2000	12.2	2.1	#0.7	0.5	#11.3	2.9	#24.8	4.9
1999	19.8	2.6	#5.4	2.1	#15.0	3.2	38.4	5.8
More than one race								
2003	28.0	3.6	#9.6	3.6	#22.9	5.3	61.8	6.5
2002	29.5	4.3	#12.4	4.7	#24.0	6.2	61.4	7.9
2001	26.6	4.4	#3.9	2.6	#29.0	6.5	#43.9	8.6
2000	23.8	3.1	#8.9	3.0	#29.5	5.4	#45.9	8.2
1999	28.8	4.0	#4.6	2.4	#30.2	5.8	57.5	8.2

Estimates are unreliable due to relative standard errors > 17.5%.

¹ Due to survey design modifications, comparison of results from before 1999 to 1999–2003 need to be made with caution.

Table 1-2. MTF: Prevalence of drinking in the past 30 days, by grade and sex, United States, 1991–2003.

Sex and Year	Total*	8th grade	10th grade	12th grade
Both Sexes				
2003	33.9	19.7	35.4	47.5
2002	33.9	19.6	35.4	48.6
2001	35.8	21.5	39.0	49.8
2000	36.7	22.4	41.0	50.0
1999	37.6	24.0	40.0	51.0
1998	37.3	23.0	38.8	52.0
1997	38.4	24.5	40.1	52.7
1996	38.4	26.2	40.4	50.8
1995	37.8	24.6	38.8	51.3
1994	38.0	25.5	39.2	50.1
1993	37.2	24.3	38.2	48.6
1992	38.5	26.1	39.9	51.3
1991	40.0	25.1	42.8	54.0
Male				
2003	34.9	19.4	35.3	51.7
2002	34.6	19.1	35.3	52.3
2001	38.2	22.3	41.1	54.7
2000	38.5	22.5	43.3	54.0
1999	39.9	24.8	42.3	55.3
1998	39.6	24.0	40.0	57.3
1997	40.5	25.2	42.5	56.2
1996	40.5	26.6	42.6	54.8
1995	39.6	25.0	39.7	55.7
1994	41.3	26.5	43.5	55.5
1993	39.4	25.3	40.6	54.2
1992	40.5	26.3	41.6	55.8
1991	42.8	26.3	45.5	58.4
Female				
2003	32.6	19.8	35.3	43.8
2002	33.0	20.0	35.7	45.1
2001	33.3	20.6	36.8	45.1
2000	34.6	22.0	38.6	46.1
1999	35.3	23.3	38.1	46.8
1998	34.9	21.9	37.7	46.9
1997	36.3	23.9	37.9	48.9
1996	36.3	25.8	38.3	46.9
1995	36.0	24.0	37.8	47.0
1994	34.8	24.7	34.8	45.2
1993	35.0	23.7	35.6	43.4
1992	36.5	25.9	38.3	46.8
1991	37.0	23.8	40.2	49.0

* Estimates for 8th–12th grades combined are calculated by AEDS using the MTF public-use data.

NOTE: Standard errors are not available.

SOURCE: Johnston et al. (2004).

Table 1-3. YRBS: Prevalence of drinking in the past 30 days, by grade and sex, United States, 1991–2003.

Sex and Year	Grade									
	Total		9th grade		10th grade		11th grade		12th grade	
	Percent	S.E.	Percent	S.E.	Percent	S.E.	Percent	S.E.	Percent	S.E.
Both Sexes										
2003	44.9	1.2	36.2	1.4	43.5	1.7	47.0	2.1	55.9	1.6
2001	47.1	1.1	41.1	1.8	45.2	1.3	49.3	1.7	55.2	1.5
1999	50.0	1.3	40.6	2.2	49.7	1.9	50.9	2.0	61.7	2.2
1997	50.8	1.4	44.2	3.1	47.2	2.2	53.2	1.5	57.3	2.5
1995	51.6	1.2	45.6	1.9	49.5	2.4	53.7	1.5	56.5	1.6
1993	48.0	1.1	40.5	1.8	44.0	2.0	49.7	1.7	56.4	1.4
1991	50.8	1.7	40.9	2.6	47.8	1.7	54.5	2.0	59.9	2.2
Male										
2003	43.8	1.3	33.9	1.8	42.2	1.9	47.3	2.2	56.0	1.9
2001	49.2	1.4	42.2	2.3	46.9	1.6	53.6	2.2	56.6	1.6
1999	52.3	1.5	40.2	2.2	52.7	3.0	53.5	2.9	66.6	2.3
1997	53.3	1.2	44.7	3.8	48.7	2.0	57.8	1.5	60.2	2.9
1995	53.2	1.3	46.9	2.4	50.4	3.1	55.5	2.0	59.5	2.0
1993	50.1	1.2	40.2	2.2	44.1	2.2	53.6	2.2	60.5	2.2
1991	52.7	2.0	40.2	3.5	48.9	1.8	58.5	2.7	62.8	2.9
Female										
2003	45.8	1.3	38.5	1.7	44.9	1.8	46.8	2.4	55.5	2.0
2001	45.0	1.1	40.0	2.0	43.5	1.6	45.1	1.5	53.9	2.2
1999	47.7	1.4	41.0	3.0	46.8	1.6	48.3	2.6	56.9	3.0
1997	47.8	2.0	43.7	3.4	45.3	3.8	47.8	3.2	53.7	2.8
1995	49.9	1.8	43.7	2.9	48.6	2.7	51.8	2.6	53.6	2.6
1993	45.9	1.3	40.5	2.8	44.0	2.2	45.9	2.0	52.0	1.7
1991	48.8	1.6	41.5	2.6	46.6	2.4	50.2	2.1	56.9	2.0

Table 2-1. NSDUH: Mean age at first use of alcohol, by age, sex, and race/Hispanic origin, among ever drinkers ages 12–20, United States, 1991–2003.¹

Sex, Race/Hispanic origin, and Year	Age							
	12–20		12–14		15–17		18–20	
	Years	S.E.	Years	S.E.	Years	S.E.	Years	S.E.
Both Sexes								
All races								
2003	14.0	0.0	11.3	0.1	13.6	0.0	15.1	0.0
2002	14.1	0.0	11.4	0.1	13.7	0.0	15.1	0.0
2001	14.0	0.0	11.3	0.1	13.6	0.0	15.0	0.1
2000	14.0	0.0	11.3	0.1	13.6	0.0	15.1	0.0
1999	14.0	0.0	11.4	0.1	13.6	0.0	15.1	0.0
1998	14.2	0.1	11.4	0.1	13.7	0.1	15.3	0.1
1997	14.2	0.1	11.6	0.1	13.6	0.1	15.3	0.1
1996	14.1	0.1	11.6	0.1	13.6	0.1	15.1	0.1
1995	13.9	0.1	11.2	0.2	13.6	0.1	15.1	0.1
1994	13.9	0.1	11.0	0.2	13.5	0.1	15.0	0.1
1993	13.9	0.1	11.2	0.2	13.6	0.1	14.9	0.1
1992	13.9	0.1	11.3	0.1	13.6	0.1	14.8	0.1
1991	13.8	0.1	11.3	0.1	13.3	0.1	14.8	0.1
Non-Hispanic White								
2003	14.0	0.0	11.3	0.1	13.6	0.0	15.0	0.0
2002	14.0	0.0	11.4	0.1	13.6	0.0	15.0	0.0
2001	13.9	0.0	11.3	0.1	13.5	0.0	15.0	0.1
2000	13.9	0.0	11.4	0.1	13.5	0.0	15.0	0.1
1999	14.0	0.0	11.4	0.1	13.6	0.0	15.0	0.1
1998	14.1	0.1	11.4	0.1	13.6	0.1	15.2	0.1
1997	14.1	0.1	11.7	0.1	13.6	0.1	15.1	0.1
1996	13.9	0.1	11.4	0.2	13.6	0.1	14.9	0.1
1995	13.8	0.1	11.2	0.2	13.5	0.1	15.0	0.1
1994	13.9	0.1	11.2	0.2	13.5	0.1	14.9	0.1
1993	13.9	0.1	11.1	0.2	13.6	0.1	14.7	0.1
1992	13.8	0.1	11.3	0.2	13.5	0.1	14.6	0.1
1991	13.6	0.1	11.2	0.1	13.2	0.1	14.6	0.1
Non-Hispanic Black								
2003	14.4	0.1	11.2	0.2	13.8	0.1	15.7	0.1
2002	14.2	0.1	11.0	0.2	13.7	0.1	15.7	0.1
2001	14.2	0.1	11.5	0.1	13.7	0.1	15.2	0.2
2000	14.3	0.1	11.0	0.2	13.8	0.1	15.4	0.1
1999	14.1	0.1	11.1	0.2	13.5	0.1	15.4	0.1
1998	14.7	0.1	10.8	0.4	14.0	0.1	15.8	0.1
1997	14.4	0.2	11.0	0.2	13.9	0.1	15.8	0.2
1996	14.5	0.1	11.6	0.2	13.7	0.2	15.8	0.2
1995	14.3	0.2	11.2	0.3	13.9	0.2	15.5	0.3
1994	14.1	0.2	11.0	0.3	13.7	0.2	15.3	0.3
1993	14.3	0.1	11.6	0.2	13.8	0.1	15.4	0.2
1992	14.5	0.1	11.2	0.3	14.0	0.2	15.7	0.2
1991	14.2	0.1	11.4	0.3	13.6	0.1	15.5	0.2
Hispanic								
2003	14.2	0.1	11.5	0.1	13.8	0.1	15.3	0.1
2002	14.1	0.1	11.5	0.2	13.9	0.1	15.2	0.1
2001	14.1	0.1	11.5	0.1	13.7	0.1	15.2	0.1
2000	14.0	0.1	11.3	0.1	13.5	0.1	15.2	0.1
1999	14.1	0.1	11.6	0.1	13.7	0.1	15.2	0.1
1998	14.2	0.1	11.6	0.2	13.8	0.1	15.3	0.2
1997	14.3	0.1	11.7	0.2	13.7	0.1	15.5	0.2
1996	14.1	0.2	11.9	0.2	13.8	0.2	15.0	0.3
1995	14.2	0.1	11.3	0.3	14.0	0.2	15.3	0.2
1994	13.8	0.2	10.6	0.5	13.4	0.2	15.3	0.2
1993	13.7	0.1	11.1	0.3	13.5	0.2	14.7	0.2
1992	14.1	0.1	11.5	0.2	13.6	0.1	15.2	0.2
1991	13.9	0.1	11.3	0.2	13.3	0.2	15.1	0.2
Native American/Alaska Native								
2003	13.7	0.2	11.2	0.5	13.2	0.4	15.0	0.4
2002	13.0	0.5	11.7	0.4	11.0	0.7	14.8	0.5
2001	13.6	0.5	10.5	0.9	13.2	0.4	15.4	0.7
2000	13.6	0.4	11.6	0.4	13.3	0.7	15.0	0.5
1999	13.0	0.5	10.1	0.7	12.8	0.4	14.9	0.7
Asian, Native HI/Other PI								
2003	14.4	0.3	10.7	0.7	13.6	0.3	15.2	0.5
2002	14.6	0.2	11.5	0.5	13.9	0.2	15.8	0.2
2001	14.2	0.2	11.4	0.4	13.5	0.3	15.3	0.3

See footnotes at end of table.

Table 2-1. NSDUH: Mean age at first use of alcohol, by age, sex, and race/Hispanic origin, among ever drinkers ages 12–20, United States, 1991–2003.¹ — Continued

Sex, Race/Hispanic origin, and Year	Age							
	12–20		12–14		15–17		18–20	
	Years	S.E.	Years	S.E.	Years	S.E.	Years	S.E.
Both Sexes								
Asian, Native HI/Other PI								
2000	14.5	0.2	11.2	0.4	13.9	0.3	15.9	0.2
1999	14.5	0.2	12.3	0.3	14.1	0.2	15.4	0.4
More than one race								
2003	13.5	0.2	11.1	0.3	13.2	0.4	14.8	0.3
2002	13.9	0.2	11.2	0.4	13.3	0.3	15.2	0.3
2001	13.5	0.3	11.0	0.4	13.4	0.3	14.4	0.5
2000	13.4	0.2	11.3	0.5	13.5	0.2	14.3	0.4
1999	13.4	0.2	11.4	0.3	13.5	0.3	14.0	0.5
Male								
All races								
2003	13.9	0.0	11.0	0.1	13.5	0.1	14.9	0.1
2002	13.8	0.0	11.0	0.1	13.5	0.1	14.9	0.1
2001	13.8	0.0	11.1	0.1	13.4	0.1	14.8	0.1
2000	13.8	0.0	11.0	0.1	13.3	0.1	14.9	0.1
1999	13.8	0.0	11.1	0.1	13.4	0.1	14.9	0.1
1998	14.1	0.1	11.0	0.2	13.7	0.1	15.0	0.1
1997	13.9	0.1	11.2	0.2	13.4	0.1	15.0	0.1
1996	13.8	0.1	11.3	0.2	13.4	0.1	14.7	0.1
1995	13.6	0.1	10.9	0.3	13.3	0.1	14.8	0.1
1994	13.5	0.2	10.6	0.3	13.2	0.2	14.7	0.2
1993	13.6	0.1	10.7	0.2	13.2	0.1	14.6	0.1
1992	13.5	0.1	11.0	0.2	13.3	0.1	14.4	0.1
1991	13.5	0.1	11.1	0.1	13.0	0.1	14.5	0.1
Non-Hispanic White								
2003	13.7	0.1	11.0	0.1	13.5	0.1	14.7	0.1
2002	13.8	0.1	11.1	0.1	13.4	0.1	14.8	0.1
2001	13.7	0.1	11.0	0.1	13.4	0.1	14.8	0.1
2000	13.7	0.1	11.1	0.1	13.3	0.1	14.8	0.1
1999	13.7	0.1	11.1	0.1	13.3	0.1	14.9	0.1
1998	14.0	0.1	11.0	0.2	13.6	0.1	14.9	0.2
1997	13.9	0.1	11.4	0.3	13.4	0.1	14.9	0.2
1996	13.7	0.1	11.1	0.3	13.4	0.2	14.6	0.2
1995	13.4	0.2	10.8	0.3	13.2	0.1	14.8	0.2
1994	13.5	0.2	10.8	0.4	13.2	0.2	14.6	0.2
1993	13.5	0.1	10.5	0.3	13.1	0.1	14.5	0.2
1992	13.4	0.1	11.0	0.2	13.3	0.2	14.2	0.2
1991	13.4	0.1	11.1	0.1	12.9	0.1	14.4	0.2
Non-Hispanic Black								
2003	14.2	0.1	10.8	0.3	13.7	0.1	15.5	0.2
2002	13.9	0.1	10.5	0.2	13.4	0.2	15.3	0.2
2001	13.7	0.2	11.2	0.2	13.2	0.2	14.7	0.3
2000	14.1	0.1	11.0	0.3	13.6	0.1	15.4	0.2
1999	13.7	0.1	10.9	0.2	13.3	0.2	15.0	0.2
1998	14.5	0.2	10.9	0.5	14.0	0.2	15.6	0.2
1997	13.8	0.2	10.2	0.5	13.5	0.2	15.0	0.3
1996	14.3	0.2	11.5	0.3	13.5	0.3	15.5	0.3
1995	13.9	0.2	11.0	0.4	13.7	0.2	14.9	0.4
1994	13.6	0.3	10.5	0.5	13.3	0.3	14.8	0.4
1993	14.1	0.2	11.7	0.3	13.7	0.2	14.9	0.3
1992	14.1	0.2	10.7	0.3	13.8	0.3	15.2	0.3
1991	13.9	0.2	10.9	0.4	13.4	0.2	15.2	0.2
Hispanic								
2003	14.1	0.1	11.3	0.2	13.7	0.2	15.0	0.2
2002	13.8	0.1	11.2	0.3	13.7	0.2	14.9	0.2
2001	14.0	0.1	11.3	0.2	13.5	0.1	15.1	0.2
2000	13.7	0.1	11.0	0.2	13.2	0.2	14.8	0.2
1999	13.9	0.1	11.1	0.2	13.6	0.1	14.9	0.2
1998	13.9	0.2	11.3	0.4	13.7	0.2	14.9	0.2
1997	14.2	0.2	11.5	0.2	13.3	0.2	15.6	0.2
1996	13.7	0.3	11.9	0.3	13.4	0.3	14.4	0.4
1995	13.9	0.2	11.1	0.4	13.7	0.3	15.0	0.2
1994	13.3	0.3	9.2	0.9	12.9	0.3	14.8	0.3
1993	13.6	0.2	10.8	0.4	13.2	0.2	14.6	0.3
1992	13.8	0.1	11.4	0.2	13.4	0.2	14.8	0.2

See footnotes at end of table.

Table 2-1. NSDUH: Mean age at first use of alcohol, by age, sex, and race/Hispanic origin, among ever drinkers ages 12–20, United States, 1991–2003.¹ — Continued

Sex, Race/Hispanic origin, and Year	Age							
	12–20		12–14		15–17		18–20	
	Years	S.E.	Years	S.E.	Years	S.E.	Years	S.E.
Male								
Hispanic								
1991	13.7	0.2	11.0	0.2	13.0	0.3	14.8	0.3
Native American/Alaska Native								
2003	13.5	0.4	10.5	0.8	13.6	0.5	15.1	0.7
2002	12.7	0.8	12.4	0.5	10.2	1.1	15.2	0.4
2001	13.1	0.4	—	—	13.2	0.4	13.8	1.0
2000	13.4	0.7	12.0	0.5	12.3	1.2	15.6	0.5
1999	12.4	0.7	9.6	1.2	12.1	0.6	14.2	1.0
Asian, Native HI/Other PI								
2003	14.3	0.3	11.6	0.5	13.0	0.4	15.4	0.4
2002	14.3	0.3	11.3	0.6	14.0	0.4	15.5	0.4
2001	13.6	0.3	10.6	0.6	13.2	0.4	14.7	0.5
2000	14.2	0.3	10.8	0.6	13.9	0.5	15.6	0.4
1999	14.7	0.3	12.5	0.3	14.2	0.2	16.0	0.5
More than one race								
2003	13.3	0.4	10.5	0.4	12.8	0.5	14.7	0.5
2002	13.6	0.4	10.5	0.7	13.0	0.5	14.6	0.5
2001	13.3	0.4	10.3	0.7	13.1	0.6	14.7	0.7
2000	13.2	0.3	9.5	1.0	13.5	0.3	13.8	0.5
1999	13.2	0.4	10.8	0.6	13.7	0.4	13.7	0.7
Female								
All races								
2003	14.2	0.0	11.6	0.1	13.8	0.0	15.3	0.1
2002	14.3	0.0	11.7	0.1	13.9	0.0	15.4	0.0
2001	14.2	0.0	11.7	0.1	13.7	0.1	15.3	0.1
2000	14.2	0.0	11.7	0.1	13.8	0.0	15.3	0.1
1999	14.3	0.0	11.8	0.1	13.8	0.0	15.3	0.1
1998	14.4	0.1	11.7	0.2	13.8	0.1	15.5	0.1
1997	14.4	0.1	12.1	0.1	13.9	0.1	15.6	0.1
1996	14.3	0.1	11.9	0.1	13.9	0.1	15.5	0.2
1995	14.3	0.1	11.6	0.2	13.9	0.1	15.4	0.1
1994	14.3	0.1	11.6	0.2	13.8	0.1	15.4	0.1
1993	14.2	0.1	11.6	0.2	14.0	0.1	15.1	0.1
1992	14.4	0.1	11.7	0.2	13.9	0.1	15.3	0.1
1991	14.1	0.1	11.5	0.2	13.6	0.1	15.1	0.1
Non-Hispanic White								
2003	14.2	0.0	11.7	0.1	13.8	0.1	15.2	0.1
2002	14.2	0.0	11.7	0.1	13.8	0.1	15.2	0.1
2001	14.1	0.1	11.6	0.1	13.6	0.1	15.2	0.1
2000	14.2	0.0	11.7	0.1	13.8	0.0	15.2	0.1
1999	14.2	0.0	11.9	0.1	13.8	0.1	15.2	0.1
1998	14.3	0.1	11.7	0.2	13.7	0.2	15.4	0.1
1997	14.3	0.1	12.2	0.2	13.8	0.1	15.4	0.2
1996	14.2	0.1	11.8	0.2	13.8	0.1	15.3	0.2
1995	14.2	0.1	11.7	0.2	13.8	0.1	15.2	0.2
1994	14.3	0.1	11.6	0.2	13.7	0.1	15.3	0.1
1993	14.2	0.1	11.7	0.2	14.1	0.1	15.0	0.1
1992	14.3	0.1	11.7	0.2	13.8	0.1	15.0	0.1
1991	13.9	0.1	11.3	0.2	13.6	0.1	14.8	0.2
Non-Hispanic Black								
2003	14.5	0.1	11.5	0.2	13.9	0.2	16.0	0.2
2002	14.6	0.1	11.4	0.2	14.0	0.1	16.0	0.1
2001	14.6	0.2	11.9	0.2	14.2	0.1	15.7	0.2
2000	14.4	0.1	11.1	0.2	14.0	0.1	15.5	0.2
1999	14.6	0.1	11.4	0.3	13.7	0.1	15.9	0.2
1998	14.9	0.2	10.7	0.6	14.0	0.2	16.1	0.2
1997	15.0	0.2	11.7	0.2	14.2	0.1	16.6	0.2
1996	14.8	0.2	11.6	0.4	13.8	0.3	16.2	0.2
1995	14.7	0.2	11.5	0.4	14.1	0.2	16.1	0.3
1994	14.6	0.2	11.7	0.4	14.1	0.3	15.9	0.3
1993	14.6	0.2	11.5	0.4	14.0	0.2	15.8	0.2
1992	14.8	0.2	11.6	0.4	14.2	0.2	16.1	0.2
1991	14.6	0.2	12.0	0.2	13.9	0.2	15.8	0.2

See footnotes at end of table.

Table 2-1. NSDUH: Mean age at first use of alcohol, by age, sex, and race/Hispanic origin, among ever drinkers ages 12–20, United States, 1991–2003.¹ — Continued

Sex, Race/Hispanic origin, and Year	Age							
	12–20		12–14		15–17		18–20	
	Years	S.E.	Years	S.E.	Years	S.E.	Years	S.E.
Female								
Hispanic								
2003	14.3	0.1	11.7	0.2	13.8	0.1	15.6	0.2
2002	14.4	0.1	11.9	0.2	14.0	0.1	15.6	0.1
2001	14.1	0.1	11.7	0.2	13.9	0.2	15.2	0.2
2000	14.4	0.1	11.7	0.2	13.7	0.1	15.8	0.2
1999	14.4	0.1	12.0	0.1	13.9	0.1	15.6	0.2
1998	14.5	0.2	12.0	0.2	13.9	0.2	15.8	0.2
1997	14.3	0.2	11.9	0.2	14.1	0.1	15.4	0.4
1996	14.5	0.1	12.0	0.2	14.2	0.2	15.7	0.2
1995	14.5	0.2	11.5	0.3	14.3	0.2	15.7	0.2
1994	14.3	0.2	11.5	0.2	14.0	0.1	15.8	0.2
1993	13.9	0.2	11.4	0.3	13.9	0.2	14.8	0.3
1992	14.4	0.1	11.7	0.3	13.8	0.2	15.7	0.2
1991	14.2	0.2	11.6	0.2	13.7	0.2	15.5	0.2
Native American/Alaska Native								
2003	13.8	0.3	12.0	0.4	12.8	0.4	14.9	0.4
2002	13.2	0.5	11.3	0.5	11.8	0.9	14.6	0.6
2001	13.9	0.8	10.9	1.0	13.3	0.5	16.0	0.5
2000	13.9	0.4	10.9	0.4	14.1	0.4	14.5	0.8
1999	13.6	0.6	10.6	0.7	13.8	0.4	15.9	0.7
Asian, Native HI/Other PI								
2003	14.4	0.6	9.4	1.4	14.2	0.4	15.0	0.8
2002	15.0	0.2	–	–	13.9	0.3	16.1	0.2
2001	14.8	0.2	12.3	0.2	13.9	0.3	15.8	0.3
2000	14.9	0.2	11.9	0.4	14.0	0.3	16.2	0.2
1999	14.4	0.5	12.0	0.5	14.0	0.2	14.9	0.8
More than one race								
2003	13.7	0.3	11.5	0.4	13.5	0.4	14.8	0.4
2002	14.1	0.3	11.4	0.4	13.7	0.2	15.9	0.4
2001	13.7	0.3	11.6	0.3	13.7	0.2	14.2	0.6
2000	13.6	0.2	12.1	0.4	13.5	0.2	14.9	0.4
1999	13.6	0.3	12.0	0.3	13.3	0.3	14.5	0.5

– Fewer than 10 respondents in this cell.

¹ Due to survey design modifications, comparison of results from before 1999 to 1999–2003 need to be made with caution.

Table 2-2. NSDUH: Prevalence of initiating drinking at age 12 years or younger, by sex, among ever drinkers ages 12–20, United States, 1991–2003.¹

Year	Both Sexes		Male		Female	
	Percent	S.E.	Percent	S.E.	Percent	S.E.
2003	23.4	0.5	26.3	0.7	20.4	0.7
2002	23.6	0.5	27.2	0.7	19.8	0.6
2001	24.0	0.5	27.3	0.7	20.5	0.6
2000	24.5	0.5	28.3	0.7	20.5	0.6
1999	23.7	0.4	27.8	0.7	19.5	0.6
1998	20.9	0.9	23.3	1.4	18.3	1.2
1997	22.0	1.1	25.9	1.6	17.8	1.2
1996	22.0	1.0	26.6	1.3	16.8	1.2
1995	25.0	1.1	29.1	1.6	20.7	1.2
1994	25.7	1.3	31.0	1.8	20.1	1.4
1993	25.2	1.1	29.6	1.8	20.4	1.4
1992	24.4	0.9	30.0	1.3	18.3	1.3
1991	27.2	0.9	30.1	1.3	23.9	1.2

¹ Due to survey design modifications, comparison of results from before 1999 to 1999–2003 need to be made with caution.

Table 2-3. YRBS: Prevalence of initiating drinking at age 12 years or younger, by sex, among ever drinkers, United States, 1991–2003.

Sex and Year	Both Sexes		Male		Female	
	Percent	S.E.	Percent	S.E.	Percent	S.E.
2003	36.8	1.2	43.2	1.3	30.4	1.6
2001	37.0	1.0	43.2	1.1	31.0	1.2
1999	39.7	1.5	46.3	2.4	32.8	1.4
1997	39.2	0.9	44.5	1.3	32.6	1.3
1995	40.1	1.2	47.5	1.4	32.0	1.7
1993	40.5	0.9	47.1	1.0	33.4	1.2
1991	40.0	1.4	45.3	1.4	34.3	1.5

Table 3. NSDUH: Mean frequency of drinking in the past 30 days, by age, sex, and race/Hispanic origin, among current drinkers ages 12–20, United States, 1991–2003.¹

Sex, Race/Hispanic origin, and Year	Age							
	12–20		12–14		15–17		18–20	
	Days	S.E.	Days	S.E.	Days	S.E.	Days	S.E.
Both Sexes								
All races								
2003	5.8	0.1	3.7	0.2	4.7	0.1	6.6	0.1
2002	5.9	0.1	4.1	0.3	5.1	0.1	6.6	0.1
2001	6.1	0.1	3.7	0.2	5.2	0.1	6.8	0.2
2000	5.8	0.1	3.3	0.2	4.9	0.1	6.5	0.1
1999	5.9	0.1	3.9	0.2	4.8	0.1	6.7	0.2
1998	5.6	0.2	3.9	0.4	4.8	0.2	6.2	0.3
1997	5.5	0.2	4.9	0.7	4.6	0.3	6.0	0.4
1996	5.3	0.2	4.2	0.6	4.2	0.2	6.1	0.3
1995	5.1	0.2	5.3	0.7	4.3	0.3	5.6	0.3
1994	4.9	0.2	3.5	0.4	3.9	0.2	5.6	0.3
1993	5.1	0.3	#3.4	0.6	4.2	0.3	5.6	0.4
1992	4.9	0.3	#2.7	0.5	3.9	0.2	5.6	0.4
1991	5.5	0.2	3.4	0.4	4.9	0.3	6.0	0.2
Non-Hispanic White								
2003	6.0	0.1	3.4	0.2	5.0	0.2	6.8	0.2
2002	6.1	0.1	4.0	0.3	5.2	0.2	6.9	0.1
2001	6.3	0.1	3.9	0.3	5.2	0.2	7.2	0.2
2000	6.0	0.1	3.4	0.2	4.9	0.2	6.8	0.2
1999	6.1	0.1	4.1	0.3	4.9	0.1	7.0	0.2
1998	5.7	0.3	4.0	0.4	4.9	0.3	6.3	0.4
1997	5.5	0.3	#4.8	0.9	4.3	0.3	6.2	0.5
1996	5.3	0.2	#4.0	0.8	3.9	0.3	6.4	0.4
1995	5.0	0.2	4.8	0.7	4.1	0.3	5.7	0.4
1994	5.0	0.3	3.1	0.4	4.0	0.3	5.7	0.4
1993	5.1	0.3	#3.5	0.9	4.3	0.4	5.7	0.5
1992	5.1	0.3	#2.9	0.7	3.8	0.3	5.9	0.4
1991	5.6	0.2	#3.6	0.7	4.7	0.3	6.1	0.2
Non-Hispanic Black								
2003	4.5	0.3	#3.2	0.7	3.0	0.2	5.2	0.4
2002	5.0	0.3	#3.9	0.8	5.1	0.5	5.1	0.3
2001	5.3	0.3	#3.1	0.7	4.7	0.4	5.8	0.4
2000	5.3	0.3	#3.1	0.6	5.4	0.6	5.5	0.4
1999	5.5	0.4	#3.1	0.8	4.3	0.6	6.2	0.4
1998	5.3	0.4	#4.9	1.6	4.7	0.6	5.6	0.4
1997	5.4	0.7	#5.6	1.7	5.0	0.5	#5.6	1.2
1996	5.3	0.4	#4.0	0.9	5.1	0.7	5.5	0.5
1995	4.5	0.4	#4.5	1.0	4.2	0.7	4.7	0.6
1994	5.0	0.4	5.3	0.9	3.6	0.5	5.6	0.7
1993	5.2	0.6	2.1	0.3	#5.1	0.9	5.5	0.9
1992	4.2	0.4	#2.3	0.5	3.5	0.5	4.7	0.6
1991	5.7	0.4	2.3	0.4	6.1	0.8	6.1	0.5
Hispanic								
2003	5.6	0.3	#3.7	0.7	4.4	0.3	6.6	0.4
2002	5.5	0.3	3.8	0.4	4.6	0.3	6.4	0.5
2001	5.5	0.3	3.3	0.4	5.6	0.5	5.7	0.4
2000	5.2	0.3	2.8	0.3	5.2	0.4	5.6	0.4
1999	5.5	0.3	3.8	0.6	4.7	0.3	6.4	0.5
1998	5.8	0.4	3.2	0.4	5.2	0.7	6.6	0.5
1997	5.7	0.4	#5.8	1.6	5.5	0.4	5.8	0.6
1996	5.2	0.4	#5.1	1.0	4.5	0.5	5.7	0.6
1995	5.4	0.4	#5.5	1.5	4.9	0.6	5.6	0.6
1994	4.7	0.3	#3.1	0.7	#4.6	0.9	5.0	0.5
1993	5.1	0.4	#3.9	1.1	4.1	0.4	5.8	0.6
1992	4.4	0.3	2.5	0.4	4.6	0.4	4.6	0.5
1991	5.2	0.4	#3.8	0.8	4.8	0.5	5.7	0.6
Native American/Alaska Native								
2003	4.9	0.7	–	–	#4.6	1.2	#4.7	0.9
2002	5.0	0.6	–	–	#5.0	0.9	4.9	0.8
2001	#7.5	2.6	–	–	#9.9	4.2	#5.4	1.1
2000	5.2	0.9	–	–	#5.2	1.0	#5.7	1.6
1999	3.5	0.4	–	–	4.2	0.6	2.7	0.4
Asian, Native HI/Other PI								
2003	6.0	0.8	–	–	3.5	0.6	6.2	0.8
2002	4.7	0.5	–	–	2.7	0.4	5.5	0.7
2001	4.0	0.4	#1.7	0.3	#3.7	0.7	4.3	0.6

See footnotes at end of table.

Table 3. NSDUH: Mean frequency of drinking in the past 30 days, by age, sex, and race/Hispanic origin, among current drinkers ages 12–20, United States, 1991–2003.¹ — Continued

Sex, Race/Hispanic origin, and Year	Age							
	12–20		12–14		15–17		18–20	
	Days	S.E.	Days	S.E.	Days	S.E.	Days	S.E.
Both Sexes								
Asian, Native HI/Other PI								
2000	4.1	0.5	–	–	2.9	0.3	4.5	0.7
1999	4.0	0.5	#2.6	1.0	#3.8	0.8	4.2	0.6
More than one race								
2003	4.9	0.4	#4.6	0.9	4.3	0.4	5.3	0.7
2002	7.2	1.1	#10.3	6.2	#5.0	1.1	7.6	1.1
2001	5.7	0.7	–	–	3.8	0.5	7.3	1.1
2000	5.2	0.8	2.4	0.3	4.2	0.7	#6.4	1.5
1999	6.2	1.0	–	–	#4.0	1.3	#7.3	1.4
Male								
All races								
2003	6.6	0.1	4.1	0.3	5.0	0.2	7.6	0.2
2002	6.8	0.1	3.8	0.4	5.6	0.2	7.7	0.2
2001	7.1	0.2	3.6	0.3	5.7	0.2	8.1	0.2
2000	6.5	0.1	3.8	0.3	5.4	0.2	7.3	0.2
1999	6.7	0.2	3.9	0.3	5.2	0.2	7.7	0.2
1998	6.5	0.3	4.9	0.7	5.5	0.4	7.2	0.5
1997	6.6	0.4	#5.5	1.0	5.2	0.4	7.4	0.5
1996	6.5	0.3	#5.2	1.0	5.1	0.4	7.4	0.5
1995	6.3	0.3	5.4	0.8	5.1	0.4	7.1	0.5
1994	5.8	0.3	3.9	0.6	4.3	0.3	6.5	0.4
1993	6.1	0.4	#4.9	1.5	5.2	0.6	6.6	0.6
1992	5.3	0.3	#3.3	0.9	4.0	0.3	6.1	0.4
1991	6.1	0.2	3.5	0.6	5.0	0.4	6.9	0.3
Non-Hispanic White								
2003	6.8	0.2	3.8	0.3	5.2	0.2	8.0	0.2
2002	7.0	0.2	3.9	0.6	5.8	0.2	7.9	0.2
2001	7.4	0.2	3.6	0.4	5.6	0.2	8.6	0.3
2000	6.6	0.2	3.9	0.4	5.3	0.2	7.5	0.2
1999	6.8	0.2	3.9	0.4	5.3	0.2	7.9	0.3
1998	6.5	0.4	4.7	0.7	5.5	0.5	7.2	0.6
1997	6.4	0.5	#5.0	1.3	4.7	0.5	7.4	0.6
1996	6.7	0.4	#5.0	1.2	4.8	0.5	7.8	0.6
1995	6.3	0.4	#5.3	1.0	4.7	0.4	7.5	0.6
1994	5.9	0.4	#3.8	0.8	4.2	0.4	6.7	0.6
1993	6.2	0.5	#5.3	2.0	5.3	0.7	6.7	0.8
1992	5.5	0.4	#3.6	1.3	4.0	0.4	6.4	0.5
1991	6.1	0.3	#3.4	0.8	4.8	0.5	7.0	0.4
Non-Hispanic Black								
2003	5.3	0.4	#3.0	0.8	3.4	0.5	6.2	0.6
2002	5.9	0.5	#4.7	1.5	5.7	0.8	6.1	0.6
2001	6.4	0.5	#2.9	0.9	5.3	0.7	7.2	0.7
2000	6.2	0.5	#3.2	0.9	6.3	1.1	6.5	0.6
1999	6.1	0.5	#3.2	1.3	#4.5	0.9	6.9	0.6
1998	6.6	0.6	#6.8	2.7	4.9	0.8	7.1	0.7
1997	7.6	1.3	#6.9	2.7	4.9	0.8	#9.4	2.2
1996	6.6	0.6	–	–	5.8	1.0	6.9	0.9
1995	5.5	0.6	#6.2	1.6	#5.0	1.1	5.8	0.9
1994	6.3	0.7	#5.4	1.4	#4.8	1.1	7.1	1.0
1993	6.3	0.9	#2.8	0.8	#5.9	1.4	#6.6	1.3
1992	4.7	0.7	#2.6	0.6	3.7	0.6	5.4	0.9
1991	6.5	0.6	#3.1	0.9	6.2	1.0	7.2	0.7
Hispanic								
2003	6.4	0.5	#5.5	1.5	4.9	0.5	7.1	0.6
2002	6.5	0.4	3.6	0.5	4.8	0.5	7.7	0.7
2001	6.3	0.4	4.6	0.7	6.4	0.7	6.4	0.6
2000	6.1	0.4	3.4	0.5	5.7	0.5	6.6	0.6
1999	6.7	0.4	#4.1	1.0	5.7	0.5	7.6	0.7
1998	7.3	0.6	#3.8	1.0	#6.7	1.2	7.9	0.7
1997	6.9	0.6	#7.5	2.4	6.4	0.6	7.1	0.8
1996	5.6	0.6	#5.0	1.6	5.4	0.9	5.8	0.7
1995	6.2	0.6	#3.7	1.2	6.2	0.9	6.4	0.9
1994	5.4	0.5	#3.4	1.3	#5.0	1.2	5.6	0.6
1993	5.9	0.5	#4.7	1.8	4.6	0.5	6.7	0.7
1992	5.1	0.5	#2.5	0.5	4.6	0.6	5.7	0.7

See footnotes at end of table.

Table 3. NSDUH: Mean frequency of drinking in the past 30 days, by age, sex, and race/Hispanic origin, among current drinkers ages 12–20, United States, 1991–2003.¹ — Continued

Sex, Race/Hispanic origin, and Year	Age							
	12–20		12–14		15–17		18–20	
	Days	S.E.	Days	S.E.	Days	S.E.	Days	S.E.
Male								
Hispanic								
1991	5.7	0.5	#4.8	1.3	5.3	0.7	6.0	0.7
Native American/Alaska Native								
2003	6.3	1.0	–	–	#4.7	1.2	#7.1	1.4
2002	7.5	0.8	–	–	–	–	7.0	0.9
2001	#9.3	3.6	–	–	#11.7	5.0	#5.4	1.2
2000	#3.8	0.9	–	–	#5.6	1.8	#3.2	0.9
1999	#3.7	0.7	–	–	#4.6	1.3	#2.8	0.6
Asian, Native HI/Other PI								
2003	5.7	0.9	–	–	#4.8	1.1	5.8	1.0
2002	5.8	0.8	–	–	#2.9	0.6	6.9	1.1
2001	3.8	0.5	–	–	#3.6	0.8	4.0	0.6
2000	#5.0	0.9	–	–	3.1	0.5	#5.5	1.2
1999	#5.1	0.9	–	–	#4.5	1.2	#5.6	1.2
More than one race								
2003	5.1	0.6	#5.5	1.3	4.5	0.6	#5.6	1.1
2002	8.4	1.2	–	–	#5.8	1.8	9.7	1.4
2001	#6.7	1.3	–	–	#5.0	1.2	#8.5	2.2
2000	#6.3	1.6	–	–	#2.8	0.5	#8.3	2.4
1999	#7.7	1.8	–	–	#5.5	2.6	#8.8	2.3
Female								
All races								
2003	4.9	0.1	3.3	0.3	4.4	0.2	5.4	0.2
2002	5.0	0.1	4.3	0.4	4.6	0.2	5.4	0.1
2001	4.9	0.1	3.7	0.3	4.7	0.2	5.3	0.2
2000	5.0	0.1	2.9	0.2	4.5	0.2	5.6	0.2
1999	5.1	0.1	4.0	0.3	4.3	0.2	5.7	0.2
1998	4.5	0.2	3.1	0.4	4.1	0.3	5.0	0.3
1997	4.0	0.2	#4.2	0.9	4.0	0.2	4.0	0.2
1996	3.7	0.2	3.1	0.4	3.1	0.3	4.2	0.3
1995	3.9	0.2	#5.2	1.2	3.3	0.2	3.9	0.3
1994	3.9	0.2	3.2	0.5	3.5	0.3	4.3	0.4
1993	3.9	0.2	2.4	0.4	3.2	0.2	4.4	0.4
1992	4.4	0.4	2.0	0.2	3.7	0.3	4.9	0.6
1991	4.8	0.2	#3.2	0.6	4.7	0.5	5.0	0.3
Non-Hispanic White								
2003	5.1	0.1	3.1	0.2	4.7	0.2	5.5	0.2
2002	5.3	0.1	4.0	0.4	4.7	0.2	5.8	0.2
2001	5.1	0.1	4.1	0.4	4.8	0.2	5.5	0.2
2000	5.3	0.2	3.0	0.2	4.5	0.2	6.0	0.3
1999	5.4	0.1	4.3	0.4	4.5	0.2	6.0	0.2
1998	4.8	0.3	3.2	0.5	4.2	0.4	5.3	0.4
1997	4.2	0.2	#4.4	1.2	3.9	0.3	4.4	0.3
1996	3.5	0.2	2.9	0.5	3.0	0.3	4.1	0.3
1995	3.7	0.2	#4.1	1.1	3.4	0.3	3.9	0.4
1994	4.1	0.3	2.6	0.3	3.7	0.3	4.5	0.4
1993	3.9	0.3	#2.2	0.5	3.1	0.3	4.6	0.4
1992	4.6	0.5	1.9	0.2	3.6	0.4	5.3	0.7
1991	4.9	0.3	#4.1	1.0	4.6	0.6	5.0	0.3
Non-Hispanic Black								
2003	3.6	0.2	#3.4	1.0	2.6	0.3	4.1	0.4
2002	4.1	0.3	#3.3	0.8	4.5	0.7	3.9	0.3
2001	4.2	0.3	#3.3	1.0	4.2	0.5	4.4	0.4
2000	4.3	0.3	#3.1	0.7	4.7	0.7	4.3	0.4
1999	4.7	0.5	#4.1	0.8	#4.1	0.9	5.1	0.6
1998	3.9	0.4	#2.6	1.2	#4.6	0.9	3.8	0.4
1997	3.4	0.4	#4.3	1.3	5.1	0.7	2.2	0.2
1996	3.7	0.3	#2.0	0.4	#4.1	0.9	3.7	0.4
1995	3.3	0.4	#2.6	0.6	#3.1	0.7	3.5	0.5
1994	3.0	0.3	#5.2	1.7	2.6	0.4	2.9	0.4
1993	4.0	0.5	#1.7	0.3	#4.2	1.2	#4.1	0.8
1992	3.7	0.5	–	–	3.2	0.5	4.0	0.7
1991	4.8	0.6	1.5	0.2	#6.0	1.8	4.9	0.6

See footnotes at end of table.

Table 3. NSDUH: Mean frequency of drinking in the past 30 days, by age, sex, and race/Hispanic origin, among current drinkers ages 12–20, United States, 1991–2003.¹ — Continued

Sex, Race/Hispanic origin, and Year	Age							
	12–20		12–14		15–17		18–20	
	Days	S.E.	Days	S.E.	Days	S.E.	Days	S.E.
Female								
Hispanic								
2003	4.6	0.3	2.4	0.4	3.8	0.5	5.7	0.5
2002	4.3	0.3	#4.3	0.8	4.4	0.5	4.2	0.5
2001	4.5	0.4	#2.3	0.5	4.7	0.7	4.7	0.4
2000	4.1	0.3	2.4	0.3	4.6	0.6	4.3	0.5
1999	4.1	0.3	#3.3	0.7	3.5	0.3	4.6	0.5
1998	3.9	0.4	2.8	0.4	3.7	0.4	4.4	0.7
1997	3.9	0.3	#3.7	1.3	4.4	0.7	3.6	0.4
1996	4.6	0.5	#5.1	1.2	3.3	0.5	5.4	0.9
1995	4.4	0.4	#6.2	2.0	#3.2	0.6	4.6	0.7
1994	3.9	0.4	#3.1	0.8	#4.3	1.2	4.0	0.6
1993	3.8	0.5	#3.4	1.1	3.2	0.4	#4.3	0.8
1992	3.5	0.4	2.4	0.4	4.7	0.8	2.9	0.3
1991	4.5	0.5	#2.7	0.6	4.1	0.6	#5.3	1.0
Native American/Alaska Native								
2003	4.0	0.7	–	–	#4.6	1.8	#3.3	0.8
2002	3.6	0.4	–	–	3.5	0.6	3.1	0.4
2001	#4.5	1.3	–	–	#4.3	2.4	#5.3	1.9
2000	#6.4	1.4	–	–	#5.0	1.1	#8.2	2.7
1999	#3.1	0.6	–	–	–	–	–	–
Asian, Native HI/Other PI								
2003	#6.2	1.2	–	–	#3.0	0.9	#6.7	1.3
2002	3.6	0.6	–	–	#2.5	0.5	#4.0	0.9
2001	4.2	0.7	–	–	#3.8	1.1	#4.5	1.0
2000	2.9	0.5	–	–	#2.6	0.5	#3.1	0.6
1999	3.0	0.3	–	–	#2.7	0.6	3.1	0.4
More than one race								
2003	4.6	0.6	#3.5	0.7	4.0	0.7	#5.0	0.9
2002	#6.2	1.8	#11.7	6.7	#4.3	1.2	#5.4	1.1
2001	5.0	0.7	–	–	#2.7	0.6	6.5	1.1
2000	4.1	0.5	2.3	0.3	#5.4	1.2	#3.7	0.7
1999	4.7	0.8	–	–	2.6	0.4	#5.7	1.3

– Fewer than 10 respondents in this cell.

Estimates are unreliable due to relative standard errors > 17.5%.

¹ Due to survey design modifications, comparison of results from before 1999 to 1999–2003 need to be made with caution.

Table 4. NSDUH: Mean quantity of drinking on drinking days in the past 30 days, by age, sex, and race/Hispanic origin, among current drinkers ages 12–20, United States, 1991–2003.¹

Sex, Race/Hispanic origin, and Year	Age							
	12–20		12–14		15–17		18–20	
	Drinks	S.E.	Drinks	S.E.	Drinks	S.E.	Drinks	S.E.
Both Sexes								
All races								
2003	4.9	0.1	3.4	0.3	5.0	0.1	5.0	0.1
2002	5.1	0.1	3.2	0.2	5.1	0.2	5.3	0.1
2001	5.0	0.1	3.2	0.3	5.0	0.1	5.2	0.1
2000	6.2	0.1	4.4	0.3	6.3	0.2	6.4	0.2
1999	6.1	0.1	4.1	0.3	6.3	0.2	6.3	0.2
1998	4.4	0.2	3.0	0.3	4.3	0.3	4.6	0.2
1997	4.3	0.1	2.8	0.4	4.3	0.2	4.5	0.2
1996	4.3	0.1	3.1	0.3	4.1	0.2	4.7	0.2
1995	4.1	0.1	3.1	0.4	4.2	0.2	4.3	0.2
1994	4.4	0.2	3.1	0.3	3.9	0.2	4.9	0.2
1993	4.3	0.2	2.8	0.4	4.1	0.2	4.7	0.2
1992	4.5	0.2	2.7	0.3	4.1	0.3	4.9	0.2
1991	4.5	0.1	2.5	0.2	4.9	0.2	4.7	0.2
Non-Hispanic White								
2003	5.1	0.1	3.6	0.3	5.2	0.1	5.3	0.1
2002	5.4	0.1	3.4	0.2	5.4	0.2	5.7	0.1
2001	5.2	0.1	3.1	0.3	5.3	0.2	5.5	0.1
2000	6.4	0.1	4.7	0.4	6.6	0.2	6.6	0.2
1999	6.3	0.1	4.2	0.3	6.5	0.2	6.5	0.2
1998	4.7	0.2	3.5	0.4	4.5	0.4	4.9	0.3
1997	4.6	0.2	2.9	0.5	4.5	0.3	4.9	0.3
1996	4.6	0.2	3.2	0.4	4.3	0.2	5.0	0.2
1995	4.2	0.2	3.2	0.5	4.2	0.2	4.5	0.2
1994	4.5	0.2	3.3	0.3	4.2	0.2	4.9	0.2
1993	4.6	0.2	#3.0	0.6	4.2	0.3	4.9	0.3
1992	4.9	0.2	3.0	0.5	4.3	0.3	5.3	0.2
1991	4.9	0.2	2.5	0.3	5.4	0.3	4.9	0.2
Non-Hispanic Black								
2003	2.9	0.2	1.8	0.3	2.6	0.2	3.2	0.2
2002	3.0	0.2	#2.2	0.4	3.3	0.5	3.0	0.2
2001	3.4	0.3	#4.8	2.7	2.8	0.2	3.5	0.3
2000	4.6	0.4	2.5	0.4	4.1	0.5	5.0	0.6
1999	4.5	0.4	#2.5	0.5	3.8	0.4	5.0	0.6
1998	2.6	0.2	1.8	0.3	2.5	0.3	2.7	0.2
1997	2.6	0.2	1.8	0.2	3.0	0.2	2.5	0.3
1996	2.9	0.2	#2.1	0.4	2.5	0.2	3.1	0.3
1995	2.7	0.2	#2.6	0.5	2.4	0.4	2.9	0.3
1994	#3.9	1.0	#2.5	0.5	2.1	0.2	#5.2	1.7
1993	2.9	0.3	1.5	0.1	2.5	0.2	3.2	0.5
1992	2.9	0.2	1.4	0.2	3.1	0.5	2.9	0.2
1991	3.1	0.2	1.8	0.2	3.5	0.3	3.2	0.2
Hispanic								
2003	4.9	0.2	2.9	0.5	4.9	0.4	5.2	0.3
2002	4.7	0.2	2.8	0.3	4.5	0.3	5.1	0.3
2001	5.1	0.4	2.9	0.4	4.8	0.4	5.5	0.5
2000	6.2	0.5	#3.5	0.7	6.1	0.6	6.7	0.7
1999	6.1	0.4	3.7	0.5	5.3	0.3	7.0	0.6
1998	4.3	0.2	2.3	0.3	4.0	0.2	4.8	0.3
1997	4.0	0.2	#3.8	1.1	4.0	0.3	3.9	0.3
1996	4.3	0.3	3.2	0.4	4.2	0.4	4.5	0.3
1995	4.4	0.3	2.8	0.4	4.8	0.5	4.3	0.4
1994	4.4	0.3	#3.1	0.6	3.9	0.5	4.9	0.4
1993	4.7	0.3	#2.9	0.6	5.0	0.5	4.8	0.3
1992	4.2	0.2	2.5	0.3	4.1	0.4	4.7	0.3
1991	4.3	0.2	3.0	0.4	3.9	0.3	4.9	0.3
Native American/Alaska Native								
2003	7.4	1.2	–	–	6.4	1.0	#6.8	1.2
2002	#9.4	3.0	#6.6	2.4	#14.6	7.7	#6.0	1.2
2001	5.6	0.6	–	–	6.0	0.8	#4.9	0.9
2000	5.9	0.9	–	–	5.3	0.7	#7.1	1.7
1999	5.6	0.5	–	–	5.9	0.9	5.5	0.5
Asian, Native HI/Other PI								
2003	4.5	0.5	–	–	#4.1	1.3	4.6	0.6
2002	4.4	0.5	–	–	#4.4	1.2	4.5	0.6
2001	3.5	0.3	#1.7	0.3	3.2	0.5	3.8	0.4

See footnotes at end of table.

Table 4. NSDUH: Mean quantity of drinking on drinking days in the past 30 days, by age, sex, and race/Hispanic origin, among current drinkers ages 12–20, United States, 1991–2003.¹ — Continued

Sex, Race/Hispanic origin, and Year	Age							
	12–20		12–14		15–17		18–20	
	Drinks	S.E.	Drinks	S.E.	Drinks	S.E.	Drinks	S.E.
Both Sexes								
Asian, Native HI/Other PI								
2000	5.3	0.7	–	–	#4.2	0.8	5.8	0.8
1999	5.1	0.7	#5.2	3.2	#8.1	2.1	4.0	0.5
More than one race								
2003	3.9	0.4	#3.2	1.2	5.3	0.9	3.3	0.4
2002	4.9	0.4	#2.5	0.6	4.7	0.8	5.5	0.5
2001	4.9	0.6	–	–	#4.3	0.8	5.4	0.8
2000	5.8	1.0	#5.3	1.5	#6.6	1.8	#5.2	1.5
1999	#7.7	1.6	–	–	#11.0	4.1	5.3	0.9
Male								
All races								
2003	5.7	0.1	3.9	0.5	5.9	0.2	5.9	0.1
2002	5.9	0.1	3.2	0.3	5.9	0.2	6.2	0.2
2001	5.8	0.1	#3.4	0.6	5.6	0.2	6.1	0.2
2000	7.3	0.2	4.6	0.5	7.5	0.3	7.5	0.3
1999	7.3	0.2	4.3	0.4	7.6	0.3	7.5	0.2
1998	4.9	0.2	3.2	0.4	4.8	0.5	5.2	0.3
1997	5.2	0.2	#3.1	0.6	5.0	0.4	5.6	0.4
1996	5.0	0.2	4.0	0.6	4.8	0.2	5.3	0.2
1995	5.0	0.2	3.5	0.6	4.9	0.3	5.3	0.3
1994	5.2	0.3	3.2	0.4	4.5	0.2	5.7	0.4
1993	5.3	0.3	#3.9	1.0	4.9	0.4	5.6	0.4
1992	5.3	0.2	#3.1	0.6	4.7	0.5	5.8	0.3
1991	5.2	0.2	2.3	0.2	5.6	0.4	5.4	0.2
Non-Hispanic White								
2003	6.0	0.1	4.1	0.6	6.0	0.2	6.2	0.2
2002	6.4	0.1	3.5	0.4	6.5	0.3	6.7	0.2
2001	6.0	0.2	2.9	0.3	5.9	0.2	6.4	0.2
2000	7.6	0.2	4.9	0.6	7.8	0.4	7.8	0.3
1999	7.6	0.2	4.4	0.5	7.9	0.4	7.8	0.3
1998	5.3	0.3	3.6	0.5	5.0	0.6	5.6	0.4
1997	5.5	0.3	#3.4	0.8	5.3	0.5	5.9	0.4
1996	5.4	0.2	4.2	0.7	5.0	0.3	5.7	0.3
1995	5.1	0.2	#3.7	0.7	4.8	0.3	5.8	0.3
1994	5.2	0.2	3.7	0.6	4.7	0.3	5.6	0.3
1993	5.6	0.3	#4.7	1.5	5.1	0.5	6.0	0.5
1992	5.7	0.3	#3.5	0.8	5.1	0.5	6.2	0.3
1991	5.6	0.2	2.3	0.3	6.1	0.4	5.7	0.3
Non-Hispanic Black								
2003	3.4	0.3	1.5	0.2	3.1	0.5	3.7	0.4
2002	3.2	0.3	1.9	0.3	2.7	0.3	3.5	0.4
2001	3.8	0.4	#6.9	4.5	3.1	0.4	3.7	0.3
2000	5.2	0.7	2.6	0.4	#5.3	1.0	#5.5	1.0
1999	4.9	0.7	#3.1	1.0	3.6	0.5	5.5	0.9
1998	2.9	0.2	#1.9	0.5	2.6	0.3	3.1	0.3
1997	3.1	0.4	#2.0	0.4	3.4	0.4	#3.2	0.6
1996	3.0	0.3	–	–	2.7	0.4	3.2	0.3
1995	3.0	0.3	#3.2	0.8	#2.6	0.6	3.3	0.3
1994	#5.0	1.6	2.4	0.4	2.2	0.2	#6.6	2.5
1993	3.3	0.5	1.5	0.2	2.8	0.3	#3.8	0.9
1992	3.2	0.3	1.8	0.2	#3.3	0.7	3.3	0.4
1991	3.6	0.3	1.9	0.3	4.0	0.6	3.8	0.4
Hispanic								
2003	6.0	0.4	#3.9	1.1	6.5	0.6	6.0	0.5
2002	5.2	0.3	2.7	0.4	5.2	0.4	5.7	0.4
2001	6.0	0.6	#3.5	0.7	5.3	0.5	6.6	0.9
2000	7.5	0.7	#3.8	1.4	7.3	1.0	8.0	1.0
1999	7.5	0.5	#4.6	1.1	6.5	0.5	8.4	0.8
1998	5.0	0.3	#2.0	0.4	4.8	0.4	5.5	0.4
1997	4.5	0.4	2.7	0.4	4.9	0.5	4.6	0.5
1996	5.1	0.4	#4.1	0.8	5.2	0.6	5.2	0.4
1995	5.3	0.5	#1.8	0.4	6.2	0.8	5.1	0.7
1994	5.5	0.4	2.0	0.2	5.3	0.8	5.9	0.6
1993	5.4	0.4	#2.8	0.8	5.5	0.7	5.7	0.5
1992	4.9	0.3	#2.1	0.5	4.1	0.6	5.8	0.5

See footnotes at end of table.

Table 4. NSDUH: Mean quantity of drinking on drinking days in the past 30 days, by age, sex, and race/Hispanic origin, among current drinkers ages 12–20, United States, 1991–2003.¹ — Continued

Sex, Race/Hispanic origin, and Year	Age							
	12–20		12–14		15–17		18–20	
	Drinks	S.E.	Drinks	S.E.	Drinks	S.E.	Drinks	S.E.
Male								
Hispanic								
1991	5.1	0.3	3.3	0.4	4.5	0.4	5.8	0.4
Native American/Alaska Native								
2003	#9.4	2.3	–	–	7.0	1.1	7.6	1.3
2002	#6.4	1.5	–	–	–	–	#6.5	2.1
2001	6.1	0.8	–	–	6.0	1.0	#6.7	1.6
2000	#4.9	1.0	–	–	#6.7	1.5	#4.5	1.4
1999	6.1	0.8	–	–	#6.5	1.5	5.7	0.6
Asian, Native HI/Other PI								
2003	5.8	0.9	–	–	#8.4	3.3	5.3	0.9
2002	4.7	0.8	–	–	#4.2	1.3	#5.1	1.0
2001	4.5	0.5	–	–	#4.2	0.8	5.0	0.7
2000	6.0	0.9	–	–	#5.6	1.5	#6.2	1.2
1999	#6.0	1.1	–	–	#9.0	2.8	4.6	0.8
More than one race								
2003	4.1	0.5	1.8	0.3	#5.2	1.3	#3.6	0.8
2002	5.9	0.6	–	–	4.8	0.8	6.6	0.8
2001	6.0	1.0	–	–	#5.2	1.7	#6.4	1.4
2000	#5.4	1.5	–	–	#3.9	0.9	#6.5	2.3
1999	#9.4	2.7	–	–	#17.2	7.3	#6.0	1.2
Female								
All races								
2003	3.9	0.1	2.9	0.3	4.1	0.1	4.0	0.1
2002	4.2	0.1	3.1	0.2	4.3	0.3	4.3	0.1
2001	4.1	0.1	3.0	0.3	4.3	0.2	4.2	0.1
2000	5.0	0.1	4.2	0.4	5.0	0.2	5.1	0.2
1999	4.8	0.1	4.0	0.5	5.0	0.2	4.8	0.2
1998	3.7	0.3	2.8	0.4	3.7	0.3	3.8	0.5
1997	3.2	0.1	2.5	0.4	3.5	0.2	3.1	0.1
1996	3.4	0.1	2.4	0.2	3.3	0.3	3.7	0.2
1995	3.1	0.1	2.5	0.2	3.4	0.2	3.1	0.1
1994	3.5	0.2	3.0	0.3	3.2	0.3	3.8	0.2
1993	3.3	0.2	2.0	0.2	3.3	0.2	3.5	0.3
1992	3.6	0.2	2.1	0.2	3.4	0.2	3.8	0.2
1991	3.7	0.2	2.7	0.4	4.0	0.3	3.7	0.2
Non-Hispanic White								
2003	4.2	0.1	3.2	0.4	4.5	0.2	4.2	0.1
2002	4.3	0.1	3.2	0.3	4.2	0.2	4.5	0.1
2001	4.3	0.1	3.2	0.4	4.6	0.2	4.3	0.1
2000	5.2	0.2	4.5	0.5	5.3	0.2	5.2	0.2
1999	4.9	0.2	3.9	0.4	5.2	0.2	5.0	0.2
1998	4.0	0.4	#3.3	0.6	3.9	0.3	4.1	0.6
1997	3.4	0.1	2.1	0.2	3.7	0.2	3.4	0.2
1996	3.6	0.2	2.4	0.3	3.6	0.4	3.8	0.2
1995	3.3	0.2	2.5	0.3	3.6	0.2	3.2	0.2
1994	3.8	0.2	2.9	0.3	3.6	0.3	4.1	0.3
1993	3.4	0.2	1.9	0.2	3.3	0.2	3.7	0.4
1992	3.8	0.2	2.2	0.3	3.4	0.3	4.1	0.3
1991	3.9	0.2	#2.7	0.5	4.4	0.4	3.9	0.2
Non-Hispanic Black								
2003	2.4	0.1	#1.9	0.4	2.2	0.1	2.6	0.2
2002	2.9	0.3	#2.4	0.6	#3.9	0.9	2.4	0.1
2001	3.0	0.4	#1.8	0.4	2.6	0.2	#3.3	0.6
2000	3.8	0.4	#2.3	0.7	3.0	0.4	4.4	0.6
1999	4.0	0.4	1.8	0.2	4.0	0.7	4.3	0.5
1998	2.3	0.2	#1.7	0.3	2.4	0.4	2.3	0.2
1997	2.1	0.1	1.7	0.2	2.6	0.3	1.9	0.2
1996	2.7	0.3	#1.9	0.5	2.3	0.3	3.1	0.4
1995	2.3	0.2	2.0	0.3	2.2	0.3	2.5	0.3
1994	2.3	0.2	#2.7	1.3	2.0	0.2	2.5	0.2
1993	2.3	0.2	1.6	0.2	2.1	0.2	2.5	0.3
1992	2.5	0.1	1.0	0.0	2.8	0.4	2.5	0.2
1991	2.4	0.1	1.7	0.2	2.7	0.3	2.5	0.2

See footnotes at end of table.

Table 4. NSDUH: Mean quantity of drinking on drinking days in the past 30 days, by age, sex, and race/Hispanic origin, among current drinkers ages 12–20, United States, 1991–2003.¹ — Continued

Sex, Race/Hispanic origin, and Year	Age							
	12–20		12–14		15–17		18–20	
	Drinks	S.E.	Drinks	S.E.	Drinks	S.E.	Drinks	S.E.
Female								
Hispanic								
2003	3.5	0.2	2.1	0.3	3.3	0.3	3.9	0.3
2002	3.9	0.4	3.0	0.4	3.8	0.4	4.2	0.6
2001	4.0	0.3	2.4	0.4	4.3	0.7	4.1	0.4
2000	4.5	0.4	#3.3	0.6	4.6	0.5	4.7	0.5
1999	4.4	0.3	3.2	0.5	4.0	0.4	5.0	0.6
1998	3.3	0.2	2.4	0.3	3.2	0.2	3.7	0.4
1997	3.2	0.3	#5.0	2.1	3.0	0.3	2.9	0.2
1996	3.0	0.2	2.7	0.4	2.6	0.3	3.5	0.4
1995	3.0	0.2	3.3	0.5	2.8	0.3	3.1	0.2
1994	3.1	0.3	#3.5	0.8	2.7	0.3	3.2	0.4
1993	3.6	0.4	#3.1	1.0	#4.3	1.0	3.4	0.4
1992	3.4	0.3	3.0	0.3	4.1	0.6	2.8	0.3
1991	3.2	0.2	#2.7	0.6	3.3	0.3	3.3	0.3
Native American/Alaska Native								
2003	#6.1	1.1	–	–	#6.0	1.6	#6.4	1.7
2002	#11.2	4.1	–	–	#18.2	9.6	#5.4	1.1
2001	4.7	0.7	–	–	5.8	0.8	#3.4	0.6
2000	#6.6	1.2	–	–	4.4	0.7	#9.1	2.6
1999	#4.9	1.0	–	–	–	–	–	–
Asian, Native HI/Other PI								
2003	3.1	0.4	–	–	#2.2	0.5	3.6	0.6
2002	4.0	0.6	–	–	#4.6	1.9	3.7	0.6
2001	2.8	0.3	–	–	#2.4	0.5	3.0	0.4
2000	#4.3	1.0	–	–	2.8	0.3	#5.1	1.4
1999	#4.3	0.9	–	–	#6.5	3.2	3.5	0.6
More than one race								
2003	3.8	0.5	#4.3	2.2	#5.4	1.1	3.0	0.4
2002	4.1	0.6	–	–	#4.6	1.5	4.4	0.7
2001	4.2	0.7	–	–	#3.6	0.9	#4.6	1.0
2000	#6.1	1.5	#5.9	1.5	#9.2	3.4	3.0	0.4
1999	#5.8	1.5	–	–	#4.7	0.9	#4.5	1.2

– Fewer than 10 respondents in this cell.

Estimates are unreliable due to relative standard errors > 17.5%.

¹ Due to survey design modifications, comparison of results from before 1999 to 1999–2003 need to be made with caution.

Table 5. NSDUH: Average total number of drinks in the past 30 days, by age, sex, and race/Hispanic origin, among current drinkers ages 12–20, United States, 1991–2003.¹

Sex, Race/Hispanic origin, and Year	Age							
	12–20		12–14		15–17		18–20	
	Drinks	S.E.	Drinks	S.E.	Drinks	S.E.	Drinks	S.E.
Both Sexes								
All races								
2003	35.4	1.1	18.6	2.7	29.7	1.4	40.4	1.5
2002	37.9	1.0	18.7	2.0	33.4	1.8	42.5	1.4
2001	39.3	1.4	#18.5	3.9	34.9	1.8	43.9	2.0
2000	48.8	1.8	#27.5	5.7	44.9	2.7	53.3	2.4
1999	50.7	2.0	28.3	4.4	46.1	3.0	55.3	2.7
1998	31.9	2.4	#14.5	2.6	26.4	2.4	36.7	3.3
1997	32.1	3.1	#19.4	5.4	25.4	2.3	37.6	4.9
1996	30.9	1.6	#24.1	6.3	24.6	2.7	35.4	2.5
1995	28.4	2.4	#26.6	9.2	27.5	4.1	29.3	2.3
1994	26.5	1.6	#15.5	4.2	18.4	1.4	31.6	2.3
1993	32.3	3.2	#26.9	14.4	#24.4	4.3	36.7	5.2
1992	28.3	2.0	#15.1	7.5	18.7	1.7	33.9	2.7
1991	34.4	2.2	11.7	1.8	32.9	2.8	37.3	2.9
Non-Hispanic White								
2003	37.6	1.2	17.7	2.6	32.5	1.7	42.8	1.7
2002	40.5	1.1	19.4	2.7	34.3	1.8	46.1	1.6
2001	42.0	1.6	#21.0	5.1	36.8	2.2	47.2	2.3
2000	49.8	1.9	#31.2	7.4	44.6	2.9	54.6	2.4
1999	51.5	2.2	27.5	4.8	46.9	3.3	56.2	3.0
1998	34.2	3.1	#17.2	3.6	27.3	2.9	39.7	4.4
1997	33.6	3.9	#19.8	7.3	25.6	3.0	39.8	6.1
1996	32.3	2.0	#25.8	7.9	24.2	3.2	38.0	3.0
1995	27.8	2.5	#25.9	11.6	22.3	1.9	31.4	3.0
1994	26.8	1.9	#14.9	5.3	20.0	1.8	31.3	2.5
1993	35.1	4.2	#30.0	20.3	#26.3	5.6	39.9	6.7
1992	30.8	2.4	#18.4	10.2	19.0	2.0	37.2	3.3
1991	37.2	2.8	#11.4	2.3	35.6	3.7	40.0	3.6
Non-Hispanic Black								
2003	19.2	3.1	#7.2	2.0	7.9	1.2	#24.9	4.5
2002	24.0	3.7	#15.0	5.5	#32.6	10.1	20.8	3.2
2001	#26.3	4.7	#6.2	2.0	#18.0	3.2	#31.7	6.9
2000	#43.5	8.8	#10.1	2.7	#45.7	14.2	#46.4	11.7
1999	43.8	7.2	#16.2	10.1	#32.8	8.7	#49.6	9.5
1998	19.6	3.4	#7.2	2.3	#18.3	4.4	#21.7	4.7
1997	#21.1	5.2	#18.0	7.7	17.6	2.1	#23.6	9.2
1996	21.5	3.4	#13.0	5.1	#15.1	2.8	#25.1	5.1
1995	#18.6	4.0	#21.2	10.3	#21.2	9.6	#16.4	3.3
1994	#29.3	6.6	#18.9	6.5	#8.9	1.6	#41.7	11.4
1993	17.6	2.9	#4.0	1.0	#15.5	4.5	#19.5	3.9
1992	#17.0	3.1	#4.3	1.6	#13.6	2.7	#19.6	4.3
1991	25.8	3.0	#8.3	3.7	#27.4	5.5	27.6	4.3
Hispanic								
2003	36.4	3.3	#21.0	10.3	28.3	3.4	42.9	4.9
2002	32.5	2.9	#15.5	2.9	28.2	4.0	38.0	4.4
2001	35.7	3.6	#13.5	3.3	37.4	5.7	37.6	4.9
2000	50.1	6.1	#18.0	5.1	#48.9	8.6	55.0	8.7
1999	52.6	7.2	#25.3	9.2	40.2	6.4	#64.7	11.4
1998	32.9	3.1	8.2	1.3	#27.0	5.4	40.1	4.7
1997	29.5	3.6	#21.8	6.5	26.4	3.9	#32.6	5.9
1996	31.0	4.5	#20.1	5.2	#31.3	7.2	#32.3	5.8
1995	27.8	3.5	#25.0	11.2	#30.6	7.1	26.6	3.7
1994	25.8	2.9	#9.7	2.9	#21.1	5.0	30.2	4.2
1993	34.4	3.9	#29.8	14.8	26.6	3.7	39.2	6.0
1992	25.0	2.9	#7.5	1.8	23.6	2.5	28.8	4.6
1991	27.5	2.4	#17.6	6.0	23.3	3.2	32.2	3.5
Native American/Alaska Native								
2003	#41.3	10.1	–	–	#29.1	7.1	#34.2	8.3
2002	#47.5	14.5	–	–	#77.1	38.3	#28.5	7.4
2001	#54.3	17.1	–	–	#74.1	25.5	#34.1	10.4
2000	#42.3	11.4	–	–	#38.5	9.9	#53.5	23.2
1999	27.7	4.6	–	–	#38.3	7.8	18.1	2.7
Asian, Native HI/Other PI								
2003	#30.8	5.6	–	–	#17.7	5.5	#32.8	6.8
2002	#25.2	6.5	–	–	#16.3	4.2	#28.8	8.8
2001	19.0	3.3	#4.0	1.6	#17.8	5.9	#20.7	4.2

See footnotes at end of table.

Table 5. NSDUH: Average total number of drinks in the past 30 days, by age, sex, and race/Hispanic origin, among current drinkers ages 12–20, United States, 1991–2003.¹ — Continued

Sex, Race/Hispanic origin, and Year	Age							
	12–20		12–14		15–17		18–20	
	Drinks	S.E.	Drinks	S.E.	Drinks	S.E.	Drinks	S.E.
Both Sexes								
Asian, Native HI/Other PI								
2000	#29.2	5.8	–	–	#20.9	8.8	#31.1	7.0
1999	#34.7	8.8	–	–	#48.5	19.9	#29.2	9.5
More than one race								
2003	22.3	3.0	#14.2	4.7	#25.3	6.7	22.0	3.8
2002	46.1	7.6	#39.9	26.2	#31.3	10.5	#53.7	10.5
2001	#40.4	12.3	–	–	#22.7	6.1	#53.2	20.1
2000	#43.2	13.4	#13.3	3.3	#46.5	22.2	#46.3	20.3
1999	#70.7	27.5	–	–	#111.1	80.3	#44.1	8.6
Male								
All races								
2003	45.7	1.8	#25.3	5.4	36.8	2.3	51.9	2.5
2002	47.7	1.5	#19.3	3.6	41.3	2.6	53.6	2.1
2001	50.4	2.2	16.0	2.8	42.4	2.9	57.6	3.1
2000	61.6	2.9	#36.5	11.3	55.6	4.2	67.1	3.8
1999	64.5	3.0	#28.3	5.1	58.2	4.9	71.1	4.0
1998	39.6	3.0	#17.9	4.6	32.9	4.1	44.9	4.4
1997	45.0	5.2	#24.8	9.6	32.1	4.1	53.8	7.8
1996	42.0	2.5	#40.1	12.0	33.4	4.0	46.6	3.7
1995	40.7	4.0	#35.3	17.0	#38.5	7.3	43.1	4.1
1994	35.7	2.6	#20.5	9.0	24.2	2.5	41.5	3.5
1993	44.6	5.4	#54.4	35.3	#35.7	8.3	48.0	8.0
1992	34.5	2.9	#21.8	12.8	22.4	3.1	41.0	3.9
1991	42.0	3.3	#11.1	2.3	39.0	5.0	46.8	4.2
Non-Hispanic White								
2003	48.1	2.0	#22.6	5.0	38.8	2.8	55.4	2.7
2002	51.7	1.8	#21.5	5.0	44.6	3.0	58.1	2.4
2001	54.3	2.7	#17.0	3.6	44.2	3.5	62.7	3.8
2000	62.2	2.9	#41.3	14.3	55.4	4.7	67.8	3.5
1999	65.0	3.2	#27.5	5.4	58.6	5.3	72.2	4.2
1998	41.5	3.8	#21.0	5.7	33.7	5.0	47.7	5.6
1997	45.9	6.6	#25.1	12.7	31.6	5.2	55.1	9.5
1996	45.1	3.1	#43.6	14.4	32.2	4.9	51.9	4.5
1995	40.2	4.4	#36.6	19.9	28.1	3.0	48.8	5.3
1994	35.3	3.0	#22.6	12.5	24.6	3.1	40.9	3.9
1993	49.1	7.0	#64.9	48.9	#40.2	11.3	#51.9	10.4
1992	37.5	3.6	#27.4	17.0	23.8	3.8	44.5	4.7
1991	45.0	4.2	#8.4	2.3	41.0	6.6	50.2	5.2
Non-Hispanic Black								
2003	#27.0	5.6	#5.7	1.8	#10.3	2.4	#34.4	7.7
2002	26.5	4.0	#14.7	6.6	#22.0	5.2	#29.5	5.6
2001	29.2	4.0	#4.7	1.1	#23.1	6.0	34.0	5.4
2000	#62.0	16.1	#10.0	3.9	#79.5	30.9	#62.5	20.4
1999	#51.2	11.2	#24.9	20.1	#28.3	8.0	#60.0	14.7
1998	#26.8	6.1	#7.2	2.8	#18.6	4.9	#31.8	8.3
1997	#34.3	10.7	#24.6	12.6	#18.6	3.5	#46.3	20.1
1996	#25.2	5.5	–	–	#16.4	3.6	#29.3	8.0
1995	#25.0	7.1	#34.7	18.0	#28.4	16.8	#20.6	4.9
1994	#45.1	10.9	#22.2	9.3	#12.5	3.3	#60.0	16.8
1993	#22.9	4.2	#5.7	2.8	#19.5	7.7	#25.2	5.7
1992	#21.5	5.4	#5.5	1.8	#13.8	3.2	#27.2	8.2
1991	35.4	5.4	#13.8	8.2	#35.1	10.4	38.6	6.7
Hispanic								
2003	48.4	5.6	#39.4	23.0	40.5	5.7	52.5	7.7
2002	39.8	3.9	#15.0	4.3	#37.2	7.5	45.4	5.2
2001	44.0	5.5	#20.7	5.7	#42.0	8.1	47.2	7.8
2000	63.8	8.9	#24.0	11.0	#52.8	9.7	#73.4	13.5
1999	71.7	10.8	#37.8	19.7	#54.6	10.3	#85.2	16.5
1998	45.0	5.4	#9.4	2.6	#38.7	9.5	50.6	6.9
1997	39.9	6.0	#26.9	9.0	#34.2	6.3	#44.6	9.1
1996	39.9	6.8	#21.4	8.2	#45.3	11.8	#38.0	8.4
1995	37.0	5.5	#10.0	4.9	#46.4	11.4	33.7	5.3
1994	35.7	4.8	#8.2	4.3	#35.2	10.0	37.3	6.2
1993	42.2	5.3	#37.9	23.8	31.6	5.3	48.0	7.8
1992	31.4	4.6	#4.6	1.2	#24.1	4.3	38.5	6.7

See footnotes at end of table.

Table 5. NSDUH: Average total number of drinks in the past 30 days, by age, sex, and race/Hispanic origin, among current drinkers ages 12–20, United States, 1991–2003.¹ — Continued

Sex, Race/Hispanic origin, and Year	Age							
	12–20		12–14		15–17		18–20	
	Drinks	S.E.	Drinks	S.E.	Drinks	S.E.	Drinks	S.E.
Male								
Hispanic								
1991	33.9	3.3	#22.5	9.1	#30.5	5.7	37.5	4.5
Native American/Alaska Native								
2003	#62.3	20.7	–	–	#31.6	9.3	#52.8	15.4
2002	#40.1	11.5	–	–	–	–	#38.5	14.3
2001	#77.0	22.9	–	–	#93.0	29.1	#55.2	19.8
2000	#29.7	10.2	–	–	#53.4	20.4	#19.4	9.4
1999	#30.6	7.8	–	–	#40.9	14.1	20.6	3.2
Asian, Native HI/Other PI								
2003	#34.5	8.9	–	–	#36.7	14.0	#34.2	10.2
2002	#34.3	12.0	–	–	#21.0	8.2	#39.3	15.4
2001	#20.2	3.6	–	–	#19.7	7.5	#21.9	4.0
2000	#41.2	10.6	–	–	#33.8	18.5	#41.6	12.7
1999	#46.8	14.7	–	–	#58.5	28.0	#43.4	17.8
More than one race								
2003	#23.8	4.7	#9.1	2.2	#24.0	8.1	#27.1	7.5
2002	#64.6	11.8	–	–	#39.2	17.8	#79.9	15.2
2001	#64.9	27.9	–	–	#37.2	14.4	#87.6	46.7
2000	#44.4	20.1	–	–	#11.7	3.1	#64.2	32.0
1999	#101.1	50.7	–	–	#207.9	149.2	#53.4	10.8
Female								
All races								
2003	24.0	0.9	13.1	2.0	22.7	1.5	26.4	1.3
2002	27.1	1.3	18.3	2.0	25.6	2.4	29.2	1.8
2001	26.9	1.4	#20.5	6.7	27.0	2.2	27.7	2.0
2000	34.7	1.8	19.0	2.7	34.0	3.1	37.2	2.4
1999	35.7	2.4	#28.2	7.1	33.5	3.4	37.6	3.3
1998	#22.8	4.1	#11.5	2.6	19.1	2.3	#26.4	6.3
1997	16.3	1.1	#12.6	2.4	18.5	2.0	15.4	1.5
1996	15.9	1.4	#10.5	2.3	#14.6	3.1	17.7	1.6
1995	14.6	1.0	#16.9	4.1	14.4	1.8	14.2	1.5
1994	16.0	1.1	#11.6	2.5	13.0	1.5	18.4	1.7
1993	18.6	2.9	#7.5	3.4	12.8	1.3	#23.2	5.3
1992	20.7	2.7	#5.8	1.1	14.6	1.7	24.9	3.9
1991	24.6	2.7	#12.7	2.8	25.1	3.7	25.5	3.6
Non-Hispanic White								
2003	26.0	1.1	13.5	2.2	26.0	1.8	28.0	1.6
2002	28.4	1.4	17.6	2.8	23.8	1.8	32.3	2.0
2001	28.1	1.5	#24.2	8.7	28.7	2.6	28.3	1.8
2000	36.5	2.2	21.0	3.5	33.8	3.3	39.9	3.0
1999	37.2	2.8	#27.5	8.3	34.9	3.8	39.3	3.9
1998	#25.7	5.4	#13.0	3.6	20.1	2.8	#30.2	8.3
1997	18.1	1.4	#12.6	3.1	19.8	2.5	17.7	2.0
1996	15.5	1.9	#9.6	2.8	#15.5	4.1	16.4	1.7
1995	14.4	1.1	#11.5	2.4	15.5	2.3	14.3	1.7
1994	17.3	1.4	9.4	1.5	15.2	2.0	19.5	2.0
1993	#19.7	4.2	#4.1	0.8	12.3	1.4	#25.5	6.8
1992	22.7	3.4	#5.2	1.0	13.7	1.9	28.4	4.7
1991	27.2	3.5	#16.5	4.5	28.6	4.8	27.4	4.6
Non-Hispanic Black								
2003	11.3	1.7	#8.1	3.1	5.7	0.9	#14.2	2.7
2002	#21.4	6.4	#15.1	7.5	#43.2	19.2	10.5	1.2
2001	#23.3	8.3	#8.0	4.2	#13.8	2.7	#29.3	13.2
2000	#23.2	4.3	#10.2	3.9	#18.0	3.2	#27.0	6.4
1999	#33.5	7.3	#7.9	3.3	#38.4	17.0	#34.0	8.6
1998	#12.1	2.4	#7.2	4.4	#18.1	6.5	#9.9	2.2
1997	8.7	1.4	#9.4	3.3	#16.5	3.2	#4.7	0.9
1996	#16.8	3.5	–	–	#13.5	3.5	#19.7	5.1
1995	#11.1	2.7	#5.7	1.2	#11.2	5.2	#12.0	3.5
1994	7.1	0.9	–	–	#6.3	1.7	6.4	0.7
1993	#11.5	3.0	#3.2	0.7	#10.6	3.0	#12.8	4.5
1992	#11.7	2.2	–	–	#13.2	3.9	#11.7	2.8
1991	14.7	2.2	#3.2	0.9	#15.5	2.9	#16.2	3.4

See footnotes at end of table.

Table 5. NSDUH: Average total number of drinks in the past 30 days, by age, sex, and race/Hispanic origin, among current drinkers ages 12–20, United States, 1991–2003.¹ — Continued

Sex, Race/Hispanic origin, and Year	Age							
	12–20		12–14		15–17		18–20	
	Drinks	S.E.	Drinks	S.E.	Drinks	S.E.	Drinks	S.E.
Female								
Hispanic								
2003	20.9	2.2	#7.2	2.2	#16.5	3.3	27.1	3.5
2002	#22.9	4.4	#16.3	4.0	#20.2	4.1	#26.2	7.6
2001	25.3	3.7	#7.8	3.4	#32.1	7.7	#24.6	4.8
2000	#32.2	6.0	#14.2	4.0	#44.0	14.5	#28.5	5.6
1999	28.8	5.0	#15.6	6.8	#24.7	7.5	#34.7	8.4
1998	17.4	2.6	#7.7	1.6	14.7	2.5	#22.5	4.8
1997	14.7	1.8	#16.5	7.1	#16.6	3.3	#13.2	2.5
1996	17.6	2.8	#19.1	6.3	#10.5	2.7	#22.5	4.7
1995	15.7	2.7	#30.2	13.9	#8.6	2.0	#15.7	2.8
1994	13.8	2.0	#10.2	3.5	#11.4	3.2	#16.9	3.6
1993	#22.4	5.0	#24.0	18.0	#18.8	5.5	#24.0	7.7
1992	16.3	2.7	#10.7	3.4	#23.1	4.6	#12.9	3.4
1991	17.7	2.5	#11.9	6.1	15.6	2.2	#21.4	4.7
Native American/Alaska Native								
2003	#25.8	5.8	–	–	#27.1	9.6	#24.2	8.1
2002	#51.9	20.8	–	–	#88.7	49.1	#19.2	5.3
2001	#22.3	7.3	–	–	#26.4	14.8	#16.3	5.0
2000	#51.0	17.9	–	–	#29.1	9.0	#78.6	38.6
1999	#23.2	9.2	–	–	–	–	–	–
Asian, Native HI/Other PI								
2003	#26.8	6.6	–	–	#10.5	6.3	#30.7	8.1
2002	#15.2	3.4	–	–	#12.7	5.0	#16.4	4.6
2001	#18.2	5.0	–	–	#16.4	8.7	#19.8	6.5
2000	#14.0	3.5	–	–	#10.0	2.6	#16.0	4.7
1999	#23.2	9.0	–	–	#34.2	26.9	#16.8	7.1
More than one race								
2003	#20.6	3.9	#20.3	9.3	#27.4	10.6	#17.8	3.7
2002	#31.1	8.9	–	–	#23.2	10.1	#30.1	10.7
2001	#22.8	5.7	–	–	#11.1	3.6	#30.1	8.7
2000	#41.8	17.9	–	–	#78.2	43.2	#15.6	6.1
1999	#39.5	15.4	–	–	#15.4	4.9	#33.3	12.9

– Fewer than 10 respondents in this cell.

Estimates are unreliable due to relative standard errors > 17.5%.

¹ Due to survey design modifications, comparison of results from before 1999 to 1999–2003 need to be made with caution.

Table 6-1. NSDUH: Prevalence of binge drinking in the past 30 days, by age, sex, and race/Hispanic origin, among 12–20 year olds, United States, 1991–2003.¹

Sex, Race/Hispanic origin, and Year	Age							
	12–20		12–14		15–17		18–20	
	Percent	S.E.	Percent	S.E.	Percent	S.E.	Percent	S.E.
Both Sexes								
All races								
2003	18.9	0.4	3.3	0.2	17.1	0.5	36.5	0.8
2002	19.1	0.4	3.3	0.2	17.9	0.5	36.5	0.8
2001	18.6	0.4	2.8	0.2	17.4	0.5	35.4	0.8
2000	18.1	0.4	3.3	0.2	16.7	0.4	34.2	0.8
1999	17.8	0.4	2.8	0.2	16.2	0.5	33.9	0.8
1998	15.2	0.8	2.5	0.4	13.2	0.9	30.1	1.8
1997	14.8	0.8	2.4	0.4	14.1	1.0	28.3	1.8
1996	13.8	0.9	2.0	0.4	12.3	1.0	28.4	2.0
1995	13.9	0.7	3.3	0.6	12.6	0.7	27.6	1.6
1994	14.6	1.4	2.0	0.3	10.7	1.0	31.3	2.8
1993	12.1	0.7	#1.0	0.2	10.9	0.8	24.8	1.6
1992	12.2	0.7	#1.1	0.3	9.6	0.7	26.1	1.8
1991	15.2	0.8	#1.2	0.2	12.7	1.0	30.0	1.7
Non-Hispanic White								
2003	22.5	0.5	3.8	0.3	20.9	0.7	42.9	1.0
2002	22.7	0.5	3.6	0.3	21.1	0.7	43.0	0.9
2001	21.4	0.5	3.1	0.3	20.4	0.6	39.9	1.0
2000	21.0	0.5	3.7	0.3	19.5	0.6	39.0	0.9
1999	20.9	0.4	3.1	0.3	18.5	0.6	40.3	1.0
1998	18.4	1.2	#3.0	0.6	15.9	1.3	36.5	2.5
1997	17.6	1.0	#2.3	0.5	16.4	1.3	34.7	2.3
1996	16.0	1.2	#2.3	0.4	14.0	1.2	34.4	2.8
1995	16.0	1.0	#3.6	0.7	14.4	1.0	32.1	2.2
1994	17.9	1.7	#2.3	0.4	13.8	1.4	37.6	3.2
1993	14.4	0.9	#1.1	0.3	12.4	1.1	30.3	2.1
1992	14.6	1.0	#1.3	0.4	10.9	0.9	31.6	2.3
1991	18.0	1.1	#1.2	0.2	15.0	1.4	35.5	2.2
Non-Hispanic Black								
2003	8.4	0.6	#1.9	0.4	5.6	0.8	18.2	1.6
2002	9.6	0.6	#1.5	0.4	8.5	1.0	19.7	1.5
2001	10.0	0.7	#1.9	0.5	8.3	1.0	20.3	1.6
2000	9.7	0.7	#1.4	0.4	6.5	0.8	21.5	1.8
1999	9.4	0.7	#1.2	0.4	7.7	0.9	18.6	1.8
1998	5.9	1.0	#1.2	0.6	#4.7	1.2	11.8	2.0
1997	#6.2	1.1	#1.5	0.6	#6.4	1.3	#10.5	2.8
1996	7.4	0.8	#1.0	0.5	6.1	1.0	15.3	2.5
1995	6.4	0.8	#2.0	0.7	#4.0	1.0	13.9	2.3
1994	#5.7	1.0	#1.1	0.5	#2.9	0.9	#13.7	2.5
1993	#4.2	0.9	#0.1	0.1	#3.0	1.1	#9.6	2.6
1992	5.0	0.6	#0.4	0.4	#5.9	1.4	9.0	1.5
1991	6.5	0.7	#1.4	1.0	#5.8	1.2	12.0	1.5
Hispanic								
2003	17.0	0.9	#3.2	0.7	14.8	1.2	32.6	2.1
2002	16.1	0.8	4.6	0.8	15.9	1.4	28.1	1.8
2001	17.0	1.0	#2.7	0.6	15.4	1.4	32.9	2.1
2000	16.1	0.9	3.8	0.6	16.7	1.4	27.8	2.0
1999	15.0	0.8	#3.3	0.6	16.2	1.4	25.3	1.9
1998	12.3	0.9	#2.0	0.6	11.0	1.6	24.7	2.1
1997	11.0	0.9	#3.5	0.8	11.6	1.6	18.1	2.5
1996	12.7	1.3	#2.6	0.6	13.6	2.0	20.9	2.8
1995	11.7	1.3	#2.3	0.8	12.9	1.9	20.9	3.3
1994	10.1	1.2	#1.5	0.6	#6.3	1.3	22.0	3.2
1993	11.2	1.3	#1.4	0.6	11.6	1.9	19.6	2.8
1992	9.4	1.0	#1.6	0.8	8.2	1.2	19.7	2.2
1991	11.5	1.1	#1.6	0.5	10.5	1.5	21.7	2.3
Native American/Alaska Native								
2003	20.0	2.7	#6.4	3.0	#21.9	5.8	#33.2	5.9
2002	23.7	3.4	#5.0	2.3	#29.0	7.9	#36.6	8.2
2001	#17.9	4.1	#3.6	2.4	#30.1	7.7	#19.1	6.8
2000	#18.6	3.8	#3.4	2.4	#16.4	4.8	#42.9	10.6
1999	#21.7	4.0	#5.6	3.2	#30.5	5.9	#38.8	9.4
Asian, Native HI/Other PI								
2003	10.8	1.5	#1.0	1.0	#4.7	1.4	23.8	3.4
2002	8.8	1.3	#0.7	0.5	#4.2	1.5	21.4	3.2
2001	10.5	1.6	#0.2	0.1	#8.4	2.2	#22.7	4.0

See footnotes at end of table.

Table 6-1. NSDUH: Prevalence of binge drinking in the past 30 days, by age, sex, and race/Hispanic origin, among 12–20 year olds, United States, 1991–2003.¹ — Continued

Sex, Race/Hispanic origin, and Year	Age							
	12–20		12–14		15–17		18–20	
	Percent	S.E.	Percent	S.E.	Percent	S.E.	Percent	S.E.
Both Sexes								
Asian, Native HI/Other PI								
2000	7.9	1.3	#0.9	0.5	#6.9	1.4	#16.7	3.6
1999	#6.8	1.3	#1.6	0.8	#6.6	1.8	#12.4	3.3
More than one race								
2003	#15.9	2.8	#3.4	1.2	#20.4	6.9	30.2	5.0
2002	20.5	2.8	#3.1	2.2	#17.5	4.2	48.3	6.1
2001	16.0	2.3	#3.4	1.7	#11.4	2.9	34.4	5.9
2000	15.1	2.6	#4.2	1.8	#15.4	5.1	#30.9	6.3
1999	16.8	2.3	#2.4	1.2	#15.1	3.7	33.5	5.6
Male								
All races								
2003	21.6	0.6	3.2	0.3	18.4	0.7	43.6	1.2
2002	21.6	0.5	3.2	0.3	18.8	0.7	42.9	1.1
2001	21.6	0.5	2.6	0.3	19.0	0.7	43.1	1.1
2000	20.6	0.5	3.1	0.3	18.3	0.6	40.4	1.1
1999	20.9	0.5	3.3	0.3	18.4	0.7	41.2	1.2
1998	18.6	1.0	#2.6	0.5	15.4	1.2	38.3	2.2
1997	19.5	1.3	#3.2	0.7	16.4	1.6	38.7	2.9
1996	17.8	1.3	#2.5	0.5	15.1	1.5	36.9	2.9
1995	17.6	1.1	#3.4	0.7	15.7	1.2	36.2	2.5
1994	18.7	2.0	#1.7	0.4	12.9	1.4	42.6	3.8
1993	16.1	1.0	#1.5	0.4	14.9	1.4	32.2	2.4
1992	16.0	1.0	#1.5	0.5	12.0	1.0	35.1	2.2
1991	19.5	1.1	#1.4	0.4	16.3	1.3	38.3	2.1
Non-Hispanic White								
2003	25.2	0.6	3.6	0.4	21.7	0.9	50.9	1.4
2002	25.3	0.6	3.3	0.4	22.7	0.9	49.8	1.4
2001	24.4	0.7	2.8	0.4	22.1	0.9	47.8	1.4
2000	23.6	0.6	3.8	0.4	21.1	0.8	45.4	1.2
1999	24.3	0.7	4.0	0.4	20.9	0.9	48.4	1.4
1998	21.9	1.4	#3.2	0.8	18.3	1.8	44.6	2.9
1997	22.7	1.7	#3.6	1.0	18.4	2.1	45.8	3.7
1996	20.5	2.0	#3.1	0.7	16.3	2.0	44.4	4.1
1995	20.0	1.5	#4.3	1.0	17.2	1.5	41.3	3.3
1994	21.7	2.6	#1.7	0.5	15.9	1.9	48.8	4.5
1993	18.9	1.2	#2.0	0.6	17.1	1.8	38.1	3.3
1992	18.5	1.4	#1.7	0.7	13.4	1.4	40.4	2.9
1991	22.8	1.5	#1.1	0.4	18.7	1.9	45.3	2.6
Non-Hispanic Black								
2003	10.5	1.0	#1.4	0.6	#7.4	1.4	22.8	2.3
2002	10.5	0.9	#1.2	0.5	8.2	1.4	22.9	2.2
2001	11.8	1.0	#2.1	0.7	8.2	1.4	25.6	2.4
2000	10.9	1.0	#1.3	0.5	7.0	1.1	25.5	2.6
1999	10.8	1.1	#0.9	0.4	8.4	1.3	22.9	2.8
1998	7.8	1.0	#1.9	1.1	#4.8	1.4	17.5	2.4
1997	#8.8	1.9	#1.7	0.9	#8.3	2.0	#16.5	4.8
1996	9.6	1.4	#1.0	0.8	#7.1	1.8	#22.6	4.1
1995	9.2	1.4	#2.5	1.0	#5.3	1.5	#20.9	3.8
1994	#9.6	2.0	#1.8	1.0	#3.6	1.3	#23.9	4.9
1993	#5.9	1.7	#0.2	0.2	#3.4	1.8	#14.5	4.7
1992	7.6	1.3	#0.8	0.8	#7.6	2.1	#15.9	2.8
1991	9.4	1.4	#2.5	1.9	#9.7	2.3	16.0	2.8
Hispanic								
2003	20.7	1.4	#3.5	1.2	17.1	2.0	40.6	2.8
2002	19.2	1.2	#5.6	1.4	16.0	1.8	34.8	2.8
2001	20.6	1.4	#3.0	0.9	17.7	2.0	40.2	3.1
2000	19.2	1.4	#2.8	0.7	19.7	2.2	34.9	3.0
1999	18.5	1.2	#4.0	1.0	19.5	2.0	32.6	3.0
1998	16.0	1.5	#1.7	0.7	#13.1	2.4	34.3	3.2
1997	15.3	1.6	#3.5	1.2	15.2	2.3	27.3	4.1
1996	16.4	1.8	#2.3	0.9	19.7	3.1	25.9	3.7
1995	15.3	2.0	#0.4	0.3	19.0	3.1	#29.9	5.8
1994	14.5	2.1	#0.7	0.3	#9.0	1.8	34.4	5.4
1993	16.2	2.1	#0.8	0.5	16.6	2.4	29.3	4.5
1992	12.9	1.6	#1.7	1.2	#9.5	1.8	29.8	3.2

See footnotes at end of table.

Table 6-1. NSDUH: Prevalence of binge drinking in the past 30 days, by age, sex, and race/Hispanic origin, among 12–20 year olds, United States, 1991–2003.¹ — Continued

Sex, Race/Hispanic origin, and Year	Age							
	12–20		12–14		15–17		18–20	
	Percent	S.E.	Percent	S.E.	Percent	S.E.	Percent	S.E.
Male								
Hispanic								
1991	16.7	1.6	#2.0	0.8	#14.9	2.7	31.5	3.6
Native American/Alaska Native								
2003	#21.9	4.5	#6.5	5.0	#27.7	9.2	#37.1	9.4
2002	#20.2	4.1	#1.6	1.2	#13.5	5.8	57.9	7.7
2001	#28.2	7.6	#3.9	4.5	#42.0	11.6	#36.2	8.8
2000	#12.3	3.9	#0.0	>0	#12.7	5.7	#35.0	14.0
1999	#25.0	5.2	#2.1	2.0	#34.9	10.5	#40.3	11.1
Asian, Native HI/Other PI								
2003	#11.6	2.1	#0.2	0.2	#4.5	1.9	#27.2	4.9
2002	#11.1	2.0	#1.1	0.8	#3.0	1.2	31.1	5.3
2001	#12.2	2.3	#0.2	0.2	#8.4	3.0	#31.8	6.0
2000	#11.0	2.0	#1.8	1.0	#9.6	2.3	#22.2	5.8
1999	#8.8	2.2	#0.5	0.4	#8.6	2.9	#17.5	6.0
More than one race								
2003	#18.0	4.9	#3.6	1.9	#27.8	11.8	#29.6	6.7
2002	22.4	3.4	#0.5	0.4	#18.6	5.8	55.7	8.8
2001	#20.5	3.8	#4.9	2.9	#13.9	4.8	#53.3	9.8
2000	#18.1	4.1	0.0	0.0	#11.6	5.1	#40.8	8.7
1999	#17.7	3.6	#1.1	0.9	#15.3	5.6	#34.7	8.7
Female								
All races								
2003	16.1	0.5	3.5	0.4	15.7	0.7	29.0	1.0
2002	16.6	0.4	3.4	0.3	16.8	0.8	29.8	1.0
2001	15.5	0.4	3.0	0.3	15.8	0.7	27.5	1.0
2000	15.6	0.5	3.5	0.3	15.0	0.6	27.8	1.0
1999	14.7	0.4	2.3	0.2	13.9	0.6	26.9	0.9
1998	11.7	1.3	#2.4	0.6	10.9	1.3	21.7	2.9
1997	9.9	0.7	#1.5	0.3	11.8	0.9	16.7	1.8
1996	9.5	0.8	#1.5	0.4	9.5	1.2	18.5	1.8
1995	10.2	0.9	#3.2	0.8	9.4	1.1	18.9	2.1
1994	10.3	1.1	#2.3	0.5	8.5	1.2	20.1	2.6
1993	7.8	0.8	#0.4	0.2	7.0	1.1	16.5	1.9
1992	8.3	1.0	#0.7	0.3	7.0	1.1	17.3	2.8
1991	10.7	0.9	#1.1	0.4	8.8	1.1	21.2	2.1
Non-Hispanic White								
2003	19.8	0.6	4.0	0.5	20.1	1.0	34.8	1.3
2002	19.9	0.6	3.8	0.5	19.4	1.0	36.0	1.2
2001	18.2	0.5	3.5	0.4	18.6	0.8	31.8	1.2
2000	18.3	0.6	3.7	0.4	17.9	0.8	32.4	1.3
1999	17.3	0.5	2.3	0.3	16.1	0.8	32.4	1.2
1998	14.9	1.9	#2.8	0.9	13.5	1.8	28.1	4.1
1997	12.2	0.9	#0.9	0.4	14.4	1.2	22.0	2.4
1996	11.1	1.0	#1.5	0.5	11.4	1.7	22.8	2.2
1995	11.8	1.1	#2.9	0.9	11.4	1.4	22.5	2.9
1994	13.7	1.4	#2.9	0.8	11.5	1.7	26.1	3.4
1993	9.6	1.2	#0.1	0.1	#7.8	1.5	21.4	2.6
1992	10.4	1.5	#0.8	0.3	#8.0	1.4	22.6	3.6
1991	13.0	1.2	#1.3	0.5	11.1	1.5	25.3	2.8
Non-Hispanic Black								
2003	6.4	0.7	#2.4	0.6	#3.8	0.8	13.6	1.9
2002	8.6	0.8	#1.9	0.6	8.8	1.5	16.4	2.0
2001	8.1	0.8	#1.6	0.6	8.3	1.3	14.9	2.0
2000	8.5	0.9	#1.6	0.6	#5.9	1.1	17.8	2.4
1999	8.1	0.9	#1.6	0.6	7.1	1.2	14.7	2.1
1998	#4.1	1.3	#0.5	0.3	#4.5	1.8	#7.0	3.0
1997	#3.6	0.8	#1.2	0.8	#4.8	1.4	#4.5	1.6
1996	5.2	0.9	#1.0	0.7	#5.2	1.5	#8.9	2.0
1995	#3.7	0.8	#1.5	1.0	#2.8	1.2	#7.2	1.9
1994	#2.0	0.4	#0.3	0.3	#2.2	0.9	#3.6	1.1
1993	#2.4	0.8	#0.1	0.1	#2.7	1.5	#4.6	1.9
1992	#2.5	0.6	0.0	0.0	#4.1	1.9	#3.4	1.1
1991	#3.5	0.8	#0.1	0.1	#1.9	0.8	#8.0	1.9

See footnotes at end of table.

Table 6-1. NSDUH: Prevalence of binge drinking in the past 30 days, by age, sex, and race/Hispanic origin, among 12–20 year olds, United States, 1991–2003.¹ — Continued

Sex, Race/Hispanic origin, and Year	Age							
	12–20		12–14		15–17		18–20	
	Percent	S.E.	Percent	S.E.	Percent	S.E.	Percent	S.E.
Female								
Hispanic								
2003	12.8	1.0	#2.9	0.8	12.5	1.5	23.2	2.6
2002	12.7	1.1	#3.5	0.8	15.9	1.9	19.6	2.4
2001	13.0	1.2	#2.5	0.8	13.1	2.0	24.0	2.6
2000	12.7	1.1	#4.8	1.0	13.8	1.7	19.6	2.4
1999	11.4	0.9	#2.6	0.6	12.8	1.7	18.4	2.0
1998	8.4	1.2	#2.5	1.0	#8.9	2.4	14.1	2.3
1997	6.4	0.9	#3.6	1.3	#8.0	1.7	#7.8	2.0
1996	8.5	1.3	#2.9	1.1	#7.5	2.0	#14.7	3.5
1995	#8.1	1.4	#4.3	1.6	#7.0	2.4	#13.2	2.9
1994	#5.8	1.5	#2.5	1.2	#3.7	1.5	#10.6	3.5
1993	#5.9	1.3	#2.0	0.9	#6.3	3.1	#9.1	2.5
1992	#5.7	1.1	#1.6	1.1	#6.9	1.9	#9.0	2.0
1991	#5.9	1.1	#1.3	0.6	#5.9	1.6	#10.5	2.7
Native American/Alaska Native								
2003	18.1	3.1	#6.4	2.8	#16.7	6.0	#30.2	8.3
2002	#27.5	5.4	#10.2	5.1	#49.2	13.0	#22.5	8.6
2001	#8.9	2.8	#3.4	2.4	#14.9	5.2	#9.7	6.5
2000	#26.9	7.8	#10.4	8.1	#20.4	8.5	#50.1	15.2
1999	#18.0	6.3	#8.2	6.2	#24.5	9.6	#36.1	16.6
Asian, Native HI/Other PI								
2003	#9.9	1.9	#2.0	2.0	#4.9	2.0	#20.2	4.3
2002	#6.6	1.8	#0.2	0.2	#5.2	2.6	#13.5	3.6
2001	#8.8	2.0	#0.2	0.2	#8.4	3.1	#16.1	4.5
2000	#4.9	1.5	0.0	0.0	#4.0	1.6	#11.3	4.4
1999	#4.9	1.2	#2.5	1.5	#4.1	1.6	#7.9	2.7
More than one race								
2003	#13.8	2.6	#3.2	1.3	#12.6	4.4	#30.8	7.1
2002	#18.7	4.0	#5.5	4.0	#16.7	5.8	#40.8	8.7
2001	#12.5	2.9	#2.3	2.0	#8.9	3.4	#24.6	6.7
2000	#12.5	3.4	#6.9	2.8	#18.5	8.3	#15.2	5.7
1999	#15.9	3.2	#3.7	2.2	#14.7	4.6	#31.9	7.8

Estimates are unreliable due to relative standard errors > 17.5%.

>0 Value too small to display

¹ Due to survey design modifications, comparison of results from before 1999 to 1999–2003 need to be made with caution.

Table 6-2. MTF: Prevalence of binge drinking in the past 2 weeks, by grade and sex, United States, 1991–2003.

Sex and Year	Total*	8th grade	10th grade	12th grade
Both Sexes				
2003	20.4	11.9	22.2	27.9
2002	20.8	12.4	22.4	28.6
2001	22.0	13.2	24.9	29.7
2000	22.8	14.1	26.2	30.0
1999	23.3	15.2	25.6	30.8
1998	22.7	13.7	24.3	31.5
1997	23.1	14.5	25.1	31.3
1996	23.0	15.6	24.8	30.2
1995	22.5	14.5	24.0	29.8
1994	21.9	14.5	23.6	28.2
1993	21.0	13.5	23.0	27.5
1992	20.4	13.4	21.1	27.9
1991	21.5	12.9	22.9	29.8
Male				
2003	22.7	12.2	23.2	34.2
2002	22.8	12.5	23.8	34.2
2001	25.3	13.7	28.6	36.0
2000	25.9	14.4	29.8	36.7
1999	27.3	16.4	29.7	38.1
1998	26.0	14.4	26.7	39.2
1997	26.6	15.3	28.6	37.9
1996	26.2	16.5	27.2	37.0
1995	25.7	15.1	26.3	36.9
1994	26.7	16.0	28.5	37.0
1993	24.8	14.8	26.5	34.6
1992	23.8	13.9	23.7	35.6
1991	25.6	14.3	26.4	37.8
Female				
2003	18.1	11.6	21.2	22.1
2002	18.5	12.1	21.0	23.0
2001	18.8	12.4	21.4	23.7
2000	19.5	13.6	22.5	23.5
1999	19.4	13.9	21.8	23.6
1998	19.3	12.7	22.2	24.0
1997	19.5	13.5	21.7	24.4
1996	19.8	14.5	22.3	23.5
1995	19.4	13.9	21.5	23.0
1994	17.3	13.0	18.7	20.2
1993	17.1	12.3	19.3	20.7
1992	17.0	12.8	18.6	20.3
1991	17.1	11.4	19.5	21.2

* Estimates for 8th–12th grades combined are calculated by AEDS using the MTF public-use data.

NOTE: Standard errors are not available.

SOURCE: Johnston et al. (2004).

Table 6-3. YRBS: Prevalence of binge drinking in the past 30 days, by grade and sex, United States, 1991–2003.

Sex and Year	Grade									
	Total		9th grade		10th grade		11th grade		12th grade	
	Percent	S.E.	Percent	S.E.	Percent	S.E.	Percent	S.E.	Percent	S.E.
Both Sexes										
2003	28.3	1.0	19.8	1.2	27.4	1.5	31.8	1.6	37.2	1.2
2001	29.9	1.0	24.5	1.4	28.2	1.3	32.2	1.7	36.7	1.9
1999	31.5	1.0	21.1	1.1	32.2	1.6	34.0	1.5	41.6	2.8
1997	33.4	1.1	25.7	2.0	29.9	1.9	37.5	1.5	39.3	2.4
1995	32.6	1.5	24.5	1.8	30.3	2.0	34.9	2.0	39.0	1.9
1993	30.0	1.0	22.0	1.0	26.2	1.3	31.3	1.7	39.1	1.6
1991	31.3	1.7	22.6	2.0	27.1	1.8	36.3	2.5	39.3	2.7
Male										
2003	29.0	1.1	18.8	1.4	27.7	1.8	34.1	2.0	39.5	1.9
2001	33.5	1.5	26.2	2.2	30.1	1.8	38.5	2.4	42.0	2.2
1999	34.9	1.3	21.7	1.9	33.4	2.8	38.8	2.9	49.5	2.8
1997	37.3	1.2	25.5	2.8	32.7	1.5	45.2	2.3	44.0	2.9
1995	36.2	1.5	27.6	2.6	32.1	2.2	37.8	2.4	46.5	2.1
1993	33.7	1.1	24.0	1.6	27.2	1.5	37.1	2.2	45.0	2.3
1991	36.5	2.1	24.8	2.5	31.4	2.2	44.1	3.3	45.8	3.5
Female										
2003	27.5	1.1	20.9	1.7	27.2	1.8	29.4	1.7	34.5	1.8
2001	26.4	1.0	23.0	1.6	26.3	1.5	26.1	1.5	31.8	2.5
1999	28.1	1.0	20.2	1.6	31.1	1.8	29.0	2.5	33.9	3.0
1997	28.6	1.4	25.8	2.5	26.3	3.7	28.2	2.1	33.6	2.5
1995	28.6	2.0	20.2	1.7	28.3	2.8	31.8	2.8	31.6	2.4
1993	26.0	1.1	19.7	1.6	25.3	1.6	25.1	1.4	33.0	1.8
1991	25.9	1.3	20.4	2.1	22.3	2.1	28.1	2.3	32.8	2.4

Table 6-4. NSDUH: Mean number of binge drinking days in the past 30 days, by age, sex, and race/Hispanic origin, among current drinkers ages 12–20, United States, 1991–2003.¹

Sex, Race/Hispanic origin, and Year	Age							
	12–20		12–14		15–17		18–20	
	Days	S.E.	Days	S.E.	Days	S.E.	Days	S.E.
Both Sexes								
All races								
2003	3.0	0.1	1.3	0.1	2.5	0.1	3.5	0.1
2002	3.1	0.1	1.6	0.2	2.5	0.1	3.7	0.1
2001	3.2	0.1	1.3	0.1	2.7	0.1	3.7	0.1
2000	3.2	0.1	1.4	0.1	2.8	0.1	3.7	0.1
1999	3.2	0.1	1.5	0.1	2.5	0.1	3.7	0.1
1998	3.3	0.2	1.6	0.3	2.7	0.2	3.9	0.3
1997	2.9	0.2	1.5	0.4	2.5	0.2	3.4	0.3
1996	3.2	0.2	1.9	0.5	2.4	0.2	3.9	0.3
1995	2.7	0.2	1.7	0.4	2.2	0.2	3.2	0.3
1994	2.4	0.2	1.2	0.3	1.6	0.1	3.0	0.3
1993	2.2	0.2	#1.0	0.4	1.6	0.2	2.7	0.3
1992	2.1	0.2	#0.9	0.5	1.3	0.1	2.6	0.2
1991	2.5	0.2	0.5	0.1	2.2	0.2	2.9	0.2
Non-Hispanic White								
2003	3.2	0.1	1.3	0.1	2.7	0.1	3.8	0.1
2002	3.4	0.1	1.6	0.2	2.7	0.1	3.9	0.1
2001	3.5	0.1	1.3	0.2	2.7	0.1	4.2	0.2
2000	3.4	0.1	1.4	0.1	2.9	0.1	4.0	0.1
1999	3.4	0.1	1.5	0.2	2.7	0.1	3.9	0.2
1998	3.7	0.3	2.0	0.4	2.8	0.2	4.3	0.4
1997	3.2	0.3	#1.5	0.6	2.6	0.3	3.7	0.4
1996	3.4	0.3	2.0	0.6	2.4	0.3	4.3	0.4
1995	2.8	0.2	1.7	0.5	2.2	0.2	3.5	0.4
1994	2.6	0.2	1.0	0.3	1.7	0.2	3.2	0.3
1993	2.5	0.3	#1.0	0.6	1.6	0.2	3.1	0.4
1992	2.3	0.2	#1.1	0.6	1.4	0.1	2.9	0.3
1991	2.8	0.2	0.5	0.1	2.5	0.3	3.3	0.2
Non-Hispanic Black								
2003	1.5	0.1	#1.0	0.4	1.1	0.2	1.8	0.2
2002	1.8	0.2	0.8	0.2	1.7	0.3	2.0	0.2
2001	1.8	0.2	0.9	0.2	1.6	0.2	2.0	0.3
2000	2.0	0.2	0.8	0.2	2.0	0.4	2.2	0.3
1999	2.3	0.2	#1.4	0.7	1.6	0.2	2.6	0.3
1998	1.5	0.3	0.4	0.1	#1.4	0.5	1.7	0.4
1997	1.7	0.4	#1.2	0.8	1.6	0.3	#1.8	0.7
1996	1.9	0.3	#1.0	0.6	1.3	0.3	2.3	0.4
1995	1.6	0.2	#1.2	0.6	#1.3	0.4	1.8	0.3
1994	1.7	0.3	#1.5	0.7	#0.4	0.2	2.5	0.5
1993	0.9	0.2	#0.1	0.1	#0.8	0.4	1.0	0.3
1992	#0.9	0.3	#0.1	0.1	0.8	0.2	#1.0	0.4
1991	1.2	0.2	#0.4	0.2	1.3	0.3	1.4	0.3
Hispanic								
2003	2.8	0.2	#1.5	0.7	2.2	0.3	3.3	0.3
2002	3.0	0.3	1.9	0.4	2.4	0.3	3.5	0.4
2001	2.6	0.2	1.5	0.4	2.9	0.3	2.7	0.3
2000	3.0	0.2	1.5	0.3	2.9	0.3	3.3	0.4
1999	2.9	0.2	1.4	0.2	2.4	0.2	3.4	0.4
1998	3.5	0.3	#0.6	0.2	3.1	0.7	4.3	0.5
1997	2.8	0.3	#2.2	0.8	2.6	0.4	3.0	0.4
1996	3.1	0.4	2.1	0.6	3.0	0.6	3.4	0.6
1995	2.5	0.4	#2.5	1.3	2.3	0.5	2.7	0.5
1994	2.2	0.4	#0.6	0.3	#2.2	0.8	2.6	0.5
1993	2.3	0.3	#1.8	1.0	2.0	0.3	2.5	0.4
1992	1.9	0.3	#0.7	0.3	1.4	0.2	2.4	0.5
1991	1.8	0.2	#0.9	0.4	1.4	0.2	2.4	0.4
Native American/Alaska Native								
2003	2.8	0.4	–	–	2.1	0.5	2.7	0.6
2002	2.5	0.4	1.5	0.4	2.7	0.6	2.4	0.6
2001	#5.8	2.5	–	–	#8.2	3.8	2.8	0.6
2000	2.7	0.5	–	–	2.3	0.6	3.1	0.9
1999	2.3	0.3	–	–	2.8	0.3	1.8	0.3
Asian, Native HI/Other PI								
2003	2.7	0.4	–	–	#2.1	0.9	2.8	0.5
2002	2.3	0.4	–	–	1.1	0.3	2.7	0.6
2001	1.8	0.3	#0.3	0.2	1.9	0.5	1.8	0.3

See footnotes at end of table.

Table 6-4. NSDUH: Mean number of binge drinking days in the past 30 days, by age, sex, and race/Hispanic origin, among current drinkers ages 12–20, United States, 1991–2003.¹ — Continued

Sex, Race/Hispanic origin, and Year	Age							
	12–20		12–14		15–17		18–20	
	Days	S.E.	Days	S.E.	Days	S.E.	Days	S.E.
Both Sexes								
Asian, Native HI/Other PI								
2000	2.0	0.3	–	–	1.5	0.3	2.0	0.4
1999	1.7	0.4	#0.8	0.3	1.2	0.3	#1.9	0.7
More than one race								
2003	2.0	0.3	1.0	0.3	2.1	0.3	2.2	0.5
2002	3.9	0.6	#2.9	2.0	1.8	0.4	4.8	0.9
2001	2.8	0.5	–	–	2.2	0.6	3.4	0.8
2000	2.7	0.7	1.2	0.3	1.6	0.4	#3.7	1.3
1999	3.0	0.5	–	–	#2.2	0.8	3.3	0.6
Male								
All races								
2003	3.6	0.1	1.5	0.3	2.9	0.1	4.2	0.2
2002	4.0	0.1	1.6	0.2	3.1	0.1	4.7	0.2
2001	4.0	0.1	1.3	0.2	3.2	0.2	4.7	0.2
2000	3.9	0.1	1.7	0.2	3.3	0.2	4.5	0.2
1999	4.0	0.1	1.6	0.2	3.1	0.1	4.7	0.2
1998	4.3	0.4	2.0	0.5	3.2	0.3	5.1	0.5
1997	4.1	0.3	#2.4	0.9	3.1	0.4	4.8	0.5
1996	4.5	0.3	3.1	0.9	3.4	0.4	5.3	0.4
1995	3.6	0.3	#1.9	0.8	2.9	0.3	4.4	0.4
1994	3.3	0.3	#1.3	0.4	2.2	0.2	4.0	0.4
1993	3.2	0.4	#2.0	0.9	2.2	0.4	3.8	0.5
1992	2.6	0.2	#1.3	0.8	1.7	0.2	3.2	0.3
1991	3.1	0.2	#0.5	0.2	2.5	0.3	3.7	0.3
Non-Hispanic White								
2003	3.9	0.1	1.3	0.2	3.0	0.2	4.7	0.2
2002	4.3	0.1	1.5	0.2	3.3	0.2	5.0	0.2
2001	4.4	0.2	1.2	0.2	3.2	0.2	5.4	0.2
2000	4.2	0.1	1.6	0.2	3.4	0.2	4.8	0.2
1999	4.2	0.2	1.6	0.2	3.2	0.2	5.0	0.2
1998	4.7	0.5	2.7	0.7	3.3	0.4	5.7	0.7
1997	4.2	0.4	#2.4	1.2	3.1	0.5	5.1	0.5
1996	5.0	0.4	#3.4	1.1	3.4	0.5	6.0	0.6
1995	3.8	0.4	#2.1	0.9	2.7	0.3	5.0	0.5
1994	3.5	0.4	#1.2	0.5	2.2	0.2	4.3	0.5
1993	3.6	0.5	#2.3	1.4	2.4	0.5	4.3	0.7
1992	2.8	0.2	#1.6	1.1	1.8	0.2	3.4	0.4
1991	3.5	0.3	0.4	0.1	2.7	0.5	4.2	0.3
Non-Hispanic Black								
2003	1.9	0.2	#0.6	0.2	1.7	0.4	2.0	0.2
2002	2.3	0.3	#0.9	0.3	1.7	0.4	2.6	0.4
2001	2.3	0.3	#1.0	0.4	1.9	0.3	2.6	0.4
2000	2.6	0.3	#1.0	0.4	2.9	0.6	2.7	0.4
1999	2.6	0.3	#2.1	1.4	1.6	0.3	3.0	0.5
1998	2.0	0.4	#0.6	0.3	#1.2	0.5	2.5	0.6
1997	2.8	0.8	#2.3	1.6	1.9	0.5	#3.5	1.3
1996	2.4	0.5	–	–	#1.3	0.4	3.2	0.8
1995	2.2	0.4	#2.0	1.1	1.7	0.5	2.6	0.5
1994	2.7	0.5	#2.2	1.1	#0.7	0.3	3.5	0.8
1993	1.1	0.3	0.0	0.0	#1.1	0.7	#1.3	0.5
1992	#1.4	0.5	#0.2	0.1	1.0	0.3	#1.8	0.7
1991	1.8	0.3	#0.7	0.4	2.0	0.6	2.0	0.5
Hispanic								
2003	3.7	0.4	#2.7	1.5	2.9	0.4	4.1	0.5
2002	3.8	0.4	2.0	0.5	2.7	0.5	4.5	0.6
2001	3.2	0.3	2.1	0.6	3.5	0.5	3.2	0.4
2000	3.6	0.3	2.1	0.6	3.0	0.4	4.1	0.5
1999	3.8	0.4	1.4	0.3	3.2	0.4	4.4	0.6
1998	4.5	0.5	#0.5	0.2	4.3	1.1	5.2	0.7
1997	3.7	0.4	#2.8	1.0	3.2	0.5	4.2	0.6
1996	3.9	0.6	#2.3	1.2	3.9	0.9	4.1	0.8
1995	3.2	0.5	#0.6	0.4	3.8	0.8	3.1	0.7
1994	3.2	0.6	#0.2	0.1	#4.1	1.6	3.2	0.7
1993	3.0	0.4	#2.5	1.6	2.6	0.4	3.3	0.5
1992	2.6	0.4	#0.7	0.4	1.8	0.4	3.3	0.6

See footnotes at end of table.

Table 6-4. NSDUH: Mean number of binge drinking days in the past 30 days, by age, sex, and race/Hispanic origin, among current drinkers ages 12–20, United States, 1991–2003.¹ — Continued

Sex, Race/Hispanic origin, and Year	Age							
	12–20		12–14		15–17		18–20	
	Days	S.E.	Days	S.E.	Days	S.E.	Days	S.E.
Male								
Hispanic								
1991	2.4	0.3	#1.2	0.6	2.0	0.4	2.8	0.5
Native American/Alaska Native								
2003	3.8	0.7	–	–	2.8	0.8	4.1	1.1
2002	3.5	0.6	–	–	–	–	3.6	0.7
2001	#7.5	3.5	–	–	#9.3	4.5	3.6	0.9
2000	#2.2	0.8	–	–	#2.8	1.1	#2.3	1.1
1999	2.5	0.5	–	–	3.1	0.9	2.0	0.4
Asian, Native HI/Other PI								
2003	2.9	0.6	–	–	#4.2	2.2	2.7	0.6
2002	3.2	0.7	–	–	#1.3	0.6	3.8	0.9
2001	2.2	0.4	–	–	#2.8	0.9	2.0	0.4
2000	2.5	0.5	–	–	2.2	0.5	2.3	0.6
1999	#2.5	0.8	–	–	#1.3	0.4	#3.2	1.2
More than one race								
2003	2.3	0.4	#0.9	0.4	2.5	0.5	#2.5	0.8
2002	5.4	0.9	–	–	#2.4	0.8	6.8	1.2
2001	3.8	1.0	–	–	#3.1	1.2	#4.5	1.5
2000	#3.6	1.3	–	–	#0.8	0.3	#5.3	2.0
1999	3.8	0.8	–	–	#3.3	1.5	4.0	0.9
Female								
All races								
2003	2.3	0.1	1.2	0.2	2.1	0.1	2.5	0.1
2002	2.2	0.1	1.6	0.2	2.0	0.1	2.4	0.1
2001	2.3	0.1	1.2	0.2	2.1	0.1	2.5	0.1
2000	2.4	0.1	1.2	0.1	2.3	0.1	2.7	0.2
1999	2.3	0.1	1.3	0.2	2.0	0.1	2.6	0.1
1998	2.2	0.3	#1.2	0.4	2.1	0.3	2.4	0.4
1997	1.6	0.1	0.7	0.2	2.0	0.2	1.5	0.2
1996	1.5	0.2	#0.8	0.3	1.3	0.2	1.8	0.2
1995	1.6	0.2	1.4	0.4	1.4	0.2	1.7	0.3
1994	1.4	0.1	#1.1	0.4	1.0	0.2	1.7	0.2
1993	1.1	0.2	#0.2	0.2	0.8	0.1	1.4	0.3
1992	1.4	0.2	#0.3	0.1	0.9	0.2	1.8	0.3
1991	1.7	0.2	#0.4	0.2	1.7	0.3	1.9	0.3
Non-Hispanic White								
2003	2.5	0.1	1.3	0.2	2.4	0.2	2.8	0.2
2002	2.4	0.1	1.6	0.3	2.0	0.1	2.7	0.1
2001	2.5	0.1	1.3	0.2	2.3	0.1	2.8	0.2
2000	2.6	0.1	1.3	0.2	2.3	0.2	3.0	0.2
1999	2.5	0.1	1.3	0.2	2.1	0.1	2.8	0.1
1998	2.5	0.4	1.4	0.4	2.3	0.4	2.8	0.5
1997	1.8	0.2	#0.5	0.2	2.1	0.3	1.9	0.3
1996	1.5	0.2	#0.6	0.3	1.3	0.3	1.8	0.3
1995	1.7	0.2	#1.1	0.4	1.6	0.3	1.8	0.3
1994	1.6	0.2	0.8	0.2	1.3	0.2	1.9	0.3
1993	1.2	0.2	0.0	0.0	0.8	0.2	1.7	0.3
1992	1.7	0.3	#0.3	0.1	0.9	0.2	2.2	0.4
1991	2.0	0.3	#0.6	0.3	2.2	0.4	2.2	0.3
Non-Hispanic Black								
2003	1.2	0.2	#1.3	0.6	0.6	0.1	1.4	0.2
2002	1.3	0.2	0.8	0.2	1.7	0.4	1.2	0.2
2001	1.3	0.2	0.8	0.2	1.4	0.3	1.3	0.3
2000	1.4	0.2	0.7	0.2	#1.2	0.5	1.5	0.2
1999	1.9	0.4	#0.6	0.2	1.6	0.3	2.1	0.5
1998	#0.9	0.3	#0.1	0.1	#1.5	0.7	#0.8	0.4
1997	#0.6	0.2	#0.3	0.1	#1.4	0.5	#0.2	0.1
1996	1.3	0.3	#0.7	0.6	#1.4	0.5	#1.3	0.4
1995	#0.9	0.3	#0.3	0.2	#0.9	0.5	#1.0	0.4
1994	0.4	0.1	#0.6	0.5	#0.3	0.1	0.4	0.1
1993	#0.5	0.3	#0.2	0.2	#0.4	0.2	#0.7	0.4
1992	#0.3	0.1	0.0	0.0	#0.6	0.2	#0.2	0.1
1991	0.5	0.1	0.0	0.0	#0.4	0.2	0.7	0.2

See footnotes at end of table.

Table 6-4. NSDUH: Mean number of binge drinking days in the past 30 days, by age, sex, and race/Hispanic origin, among current drinkers ages 12–20, United States, 1991–2003.¹ — Continued

Sex, Race/Hispanic origin, and Year	Age							
	12–20		12–14		15–17		18–20	
	Days	S.E.	Days	S.E.	Days	S.E.	Days	S.E.
Female								
Hispanic								
2003	1.7	0.2	#0.6	0.2	1.5	0.3	2.1	0.3
2002	2.0	0.3	1.7	0.5	2.1	0.3	2.0	0.5
2001	1.9	0.2	#0.9	0.4	2.2	0.3	1.9	0.3
2000	2.2	0.3	1.1	0.2	2.6	0.4	2.2	0.5
1999	1.7	0.2	1.5	0.3	1.4	0.2	1.9	0.3
1998	1.9	0.4	0.7	0.2	1.6	0.3	2.6	0.7
1997	1.4	0.3	#1.7	1.0	1.9	0.5	#1.1	0.4
1996	1.9	0.4	1.9	0.5	#1.4	0.5	2.2	0.6
1995	1.6	0.4	#3.4	1.8	#0.6	0.2	#1.9	0.6
1994	1.0	0.2	#0.7	0.5	#0.4	0.2	1.5	0.4
1993	1.1	0.2	#1.3	1.1	#0.9	0.3	#1.1	0.4
1992	1.0	0.2	#0.6	0.3	1.1	0.3	1.0	0.3
1991	1.0	0.2	#0.5	0.3	#0.7	0.3	#1.4	0.5
Native American/Alaska Native								
2003	2.0	0.4	–	–	1.4	0.4	#1.9	0.6
2002	1.9	0.4	–	–	2.6	0.7	#1.4	0.6
2001	#2.7	1.0	–	–	#4.2	2.1	#1.7	0.7
2000	3.0	0.7	–	–	#2.1	0.7	#3.9	1.4
1999	2.1	0.5	–	–	–	–	–	–
Asian, Native HI/Other PI								
2003	2.4	0.7	–	–	#1.3	0.7	#2.8	0.9
2002	#1.3	0.5	–	–	1.0	0.3	#1.4	0.8
2001	1.4	0.4	–	–	#1.1	0.4	#1.7	0.6
2000	#1.2	0.4	–	–	#0.6	0.2	#1.5	0.6
1999	#0.9	0.3	#0.8	0.3	#1.1	0.6	#0.8	0.3
More than one race								
2003	1.7	0.4	#1.1	0.4	1.3	0.3	#1.9	0.7
2002	2.5	0.7	#3.4	2.2	1.2	0.2	#2.8	1.0
2001	2.0	0.5	–	–	#1.4	0.6	#2.5	0.8
2000	1.7	0.4	1.3	0.3	#2.3	0.8	#1.2	0.5
1999	2.2	0.5	–	–	1.0	0.3	#2.5	0.8

– Fewer than 10 respondents in this cell.

Estimates are unreliable due to relative standard errors > 17.5%.

¹ Due to survey design modifications, comparison of results from before 1999 to 1999–2003 need to be made with caution.

Table 7. MTF: Prevalence of having been drunk or very high from drinking alcoholic beverages in the past 30 days, by grade and sex, United States, 1991–2003.

Sex and Year	Total*	8th grade ¹	10th grade ¹	12th grade ²
Both Sexes				
2003	14.9	6.7	18.2	30.9
2002	14.7	6.7	18.3	30.3
2001	16.6	7.7	21.9	32.7
2000	17.4	8.3	23.5	32.3
1999	17.7	9.4	22.5	32.9
1998	16.6	8.4	21.1	32.9
1997	17.4	8.2	22.4	34.2
1996	17.2	9.6	21.3	31.3
1995	17.0	8.3	20.8	33.2
1994	16.6	8.7	20.3	30.8
1993	15.4	7.8	19.8	28.9
1992	14.6	7.5	18.1	29.9
1991	16.1	7.6	20.5	31.6
Male				
2003	15.5	6.6	18.8	34.9
2002	15.6	7.1	19.3	34.3
2001	18.0	7.8	24.2	37.0
2000	19.1	8.2	26.2	38.4
1999	19.8	10.2	25.4	37.9
1998	17.8	8.5	22.3	39.0
1997	19.0	8.4	24.6	39.2
1996	18.4	9.7	23.0	35.4
1995	18.0	8.2	21.9	37.8
1994	18.4	9.0	23.2	34.5
1993	16.9	7.8	21.4	34.5
1992	15.3	7.4	18.6	35.2
1991	17.9	8.4	22.3	37.1
Female				
2003	14.1	6.8	17.7	26.9
2002	13.8	6.3	17.4	26.9
2001	15.1	7.4	19.7	28.4
2000	15.6	8.1	20.9	26.7
1999	15.6	8.6	19.8	27.7
1998	15.3	8.2	19.9	26.6
1997	15.7	7.9	20.2	29.1
1996	16.0	9.5	19.8	27.3
1995	16.0	8.2	19.6	28.8
1994	14.8	8.3	17.2	26.8
1993	14.0	7.8	18.1	23.5
1992	13.8	7.6	17.5	24.5
1991	14.2	7.0	18.7	25.4

* Estimates for 8th–12th grades combined are calculated by AEDS using the MTF public-use data.

¹ The question was asked of only about half the 8th and 10th grade sample for 1991–1996. It was asked of the full sample for 1997–2003.

² The question was asked of about one third of the 12th grade sample for 1991–2003.

NOTE: Standard errors are not available.

SOURCE: Johnston et al. (2004).

Table 8. NSDUH: Prevalence of driving a vehicle while under the influence of alcohol in the past 12 months, by age, sex, and race/Hispanic origin, among 12–20 year olds, United States, 1995–2003.¹

Sex, Race/Hispanic origin, and Year	Age							
	12–20		12–14		15–17		18–20	
	Percent	S.E.	Percent	S.E.	Percent	S.E.	Percent	S.E.
Both Sexes								
All races								
2003	8.6	0.3	#0.4	0.1	6.4	0.3	19.1	0.6
2002	9.4	0.2	#0.4	0.1	7.0	0.3	20.9	0.6
2001	8.0	0.3	#0.3	0.1	5.3	0.3	18.1	0.6
2000	7.8	0.2	#0.4	0.1	5.5	0.3	17.2	0.5
1999	8.7	0.2	#0.5	0.1	6.1	0.3	18.9	0.6
1998	8.2	0.8	#0.2	0.1	5.3	0.6	19.1	1.8
1997	7.2	0.6	#0.2	0.1	5.2	0.7	16.4	1.5
1996	6.7	0.6	#0.3	0.1	5.2	0.7	15.2	1.4
1995	6.8	0.5	#0.1	0.1	6.2	0.6	14.9	1.2
Non-Hispanic White								
2003	10.6	0.4	#0.3	0.1	8.0	0.4	23.4	0.9
2002	11.8	0.3	#0.5	0.1	8.8	0.4	25.6	0.8
2001	9.5	0.3	#0.4	0.1	6.6	0.4	21.0	0.8
2000	9.2	0.3	#0.5	0.1	6.6	0.4	20.0	0.7
1999	10.4	0.3	#0.5	0.1	7.3	0.4	22.7	0.8
1998	10.1	1.0	#0.2	0.1	6.6	0.9	23.5	2.6
1997	8.8	0.8	#0.2	0.1	5.9	1.0	20.5	2.1
1996	8.2	0.8	#0.3	0.1	6.5	1.0	19.0	2.0
1995	8.3	0.6	#0.1	0.1	7.4	0.8	18.4	1.6
Non-Hispanic Black								
2003	3.9	0.4	#0.2	0.1	#1.4	0.3	10.5	1.2
2002	3.7	0.4	#0.1	0.1	#2.6	0.5	8.7	1.0
2001	3.8	0.5	#0.1	0.1	#1.9	0.4	9.6	1.4
2000	4.0	0.4	#0.4	0.2	#1.8	0.4	9.6	1.2
1999	4.4	0.4	#0.3	0.2	#2.3	0.5	10.0	1.2
1998	2.7	0.4	#0.5	0.4	#1.8	0.7	#5.7	1.1
1997	#2.1	0.6	0.0	0.0	#1.5	0.6	#4.6	1.6
1996	#3.0	0.6	#0.3	0.3	#1.1	0.5	#7.6	1.8
1995	#2.5	0.6	#0.2	0.2	#2.3	0.7	#5.0	1.6
Hispanic								
2003	6.2	0.6	#0.7	0.4	5.1	0.8	12.7	1.4
2002	6.2	0.5	#0.4	0.2	4.5	0.7	13.5	1.4
2001	6.3	0.7	#0.1	0.1	#3.3	0.6	15.4	1.9
2000	6.3	0.6	#0.1	0.1	5.0	0.7	13.6	1.5
1999	5.8	0.5	#0.6	0.3	4.4	0.6	12.0	1.3
1998	5.0	0.6	#0.2	0.1	#3.1	0.7	12.1	1.6
1997	5.0	0.7	#0.7	0.3	#4.5	1.1	#9.8	2.0
1996	4.8	0.7	#0.2	0.2	4.0	0.7	#9.6	1.8
1995	4.5	0.7	#0.3	0.2	#4.7	1.2	#8.7	2.1
Native American/Alaska Native								
2003	#10.5	2.0	#2.7	2.6	#12.8	4.3	#16.1	3.7
2002	#11.1	3.2	#1.5	0.9	#14.2	7.8	#16.9	5.3
2001	#8.0	3.2	#0.8	0.8	#15.4	7.1	#6.9	3.2
2000	#10.1	2.9	0.0	0.0	#9.3	2.7	#25.3	8.3
1999	#14.7	3.2	#0.9	0.9	#19.5	5.4	#32.1	9.1
Asian, Native HI/Other PI								
2003	#5.2	1.0	0.0	0.0	#2.1	0.8	#12.2	2.5
2002	#6.4	1.2	#0.0	>0	#1.4	0.8	#17.8	3.2
2001	#4.2	0.9	#0.0	>0	#2.6	1.3	#10.2	2.5
2000	#3.0	0.6	0.0	0.0	#1.8	0.6	#7.6	1.7
1999	#4.3	1.2	#0.3	0.3	#2.9	1.1	#9.6	3.3
More than one race								
2003	8.7	1.5	#0.1	0.1	#9.1	2.7	#22.1	4.2
2002	#8.3	1.9	0.0	0.0	#4.8	2.0	#23.7	5.8
2001	#5.5	1.3	0.0	0.0	#4.5	1.9	#12.5	3.6
2000	#6.0	1.5	0.0	0.0	#2.4	1.3	#19.5	5.1
1999	#10.5	2.2	#1.0	1.0	#8.7	4.1	#22.1	5.1
Male								
All races								
2003	9.6	0.4	#0.3	0.1	6.6	0.4	21.8	0.9
2002	10.5	0.4	#0.4	0.1	6.6	0.4	24.3	0.9
2001	9.2	0.4	#0.2	0.1	5.3	0.4	22.1	0.9
2000	8.9	0.3	#0.5	0.1	5.6	0.4	20.4	0.8
1999	9.9	0.4	#0.5	0.1	6.5	0.4	22.5	0.9

See footnotes at end of table.

Table 8. NSDUH: Prevalence of driving a vehicle while under the influence of alcohol in the past 12 months, by age, sex, and race/Hispanic origin, among 12–20 year olds, United States, 1995–2003.¹ — Continued

Sex, Race/Hispanic origin, and Year	Age							
	12–20		12–14		15–17		18–20	
	Percent	S.E.	Percent	S.E.	Percent	S.E.	Percent	S.E.
Male								
All races								
1998	10.1	0.9	#0.3	0.2	5.9	0.9	24.3	2.2
1997	9.2	0.8	#0.3	0.2	6.1	1.0	21.0	2.1
1996	8.6	0.8	#0.3	0.2	6.3	1.0	19.4	1.8
1995	8.0	0.6	#0.2	0.1	5.4	0.8	19.9	1.7
Non-Hispanic White								
2003	11.3	0.5	#0.2	0.1	8.0	0.6	26.0	1.3
2002	12.8	0.5	#0.5	0.2	8.1	0.6	29.7	1.2
2001	10.7	0.5	#0.2	0.1	6.5	0.5	25.0	1.1
2000	10.1	0.4	#0.6	0.2	6.5	0.5	22.7	1.0
1999	11.4	0.5	#0.4	0.1	7.2	0.5	26.3	1.1
1998	12.1	1.2	#0.1	0.2	7.3	1.2	29.2	2.9
1997	11.0	1.1	#0.3	0.2	#6.9	1.4	25.7	2.9
1996	10.4	1.2	#0.3	0.2	#7.3	1.4	24.4	2.7
1995	9.3	0.9	#0.1	0.1	6.3	1.1	23.1	2.2
Non-Hispanic Black								
2003	4.7	0.6	#0.2	0.2	#1.4	0.5	12.3	1.8
2002	4.7	0.6	0.0	0.0	#3.5	0.9	11.0	1.7
2001	4.8	0.7	0.0	0.0	#1.8	0.6	12.6	2.0
2000	5.0	0.8	#0.7	0.4	#2.6	0.7	12.3	2.0
1999	6.3	0.7	#0.4	0.3	#3.5	0.8	14.6	2.0
1998	#3.7	0.8	#1.0	0.8	#1.3	0.8	#8.8	2.0
1997	#2.9	1.0	0.0	0.0	#1.3	0.6	#7.1	2.8
1996	#4.7	1.1	#0.6	0.6	#2.2	1.0	#12.1	3.3
1995	#3.9	1.2	#0.4	0.4	#2.8	1.1	#8.8	3.2
Hispanic								
2003	8.2	1.0	#0.6	0.4	#6.7	1.3	16.9	2.4
2002	7.6	0.8	#0.5	0.3	#5.3	1.0	16.3	2.0
2001	8.2	1.1	#0.1	0.1	#3.3	0.9	20.2	2.8
2000	8.6	0.9	#0.2	0.1	6.1	1.0	18.9	2.4
1999	7.2	0.8	#0.7	0.4	#5.6	1.0	15.1	2.0
1998	6.8	1.2	#0.1	>0	#4.1	1.2	17.1	2.8
1997	5.1	0.8	#0.8	0.5	#4.5	1.3	#10.1	2.1
1996	6.0	1.0	#0.1	0.1	#6.7	1.3	#10.3	2.5
1995	#6.1	1.2	#0.4	0.3	#4.9	1.5	#14.4	3.9
Native American/Alaska Native								
2003	#10.1	2.6	#5.0	4.7	#8.1	4.0	#19.4	6.0
2002	#6.1	2.6	0.0	0.0	#0.2	0.2	#23.6	9.0
2001	#9.2	5.4	0.0	0.0	#13.3	10.5	#14.6	6.6
2000	#5.3	1.7	0.0	0.0	#7.6	3.8	#11.4	7.7
1999	#19.7	5.1	#2.1	2.0	#24.7	10.2	#34.6	11.1
Asian, Native HI/Other PI								
2003	#5.7	1.4	0.0	0.0	#1.1	0.6	#14.3	3.5
2002	#6.2	1.6	0.0	0.0	#0.2	0.2	#19.6	4.9
2001	#4.5	1.4	0.0	0.0	#3.3	2.3	#11.7	3.5
2000	#4.8	1.1	0.0	0.0	#2.6	1.3	#12.3	2.9
1999	#4.0	1.7	0.0	0.0	#2.4	1.5	#10.1	5.1
More than one race								
2003	#8.3	1.8	0.0	0.0	#9.0	3.5	#21.8	5.7
2002	#8.7	2.8	0.0	0.0	#4.5	2.7	#24.3	8.8
2001	#7.2	2.1	0.0	0.0	#4.0	2.5	#23.0	7.4
2000	#9.4	2.8	0.0	0.0	#1.9	1.9	#26.0	7.8
1999	#15.1	3.8	#2.0	2.1	#13.3	7.2	#28.5	8.1
Female								
All races								
2003	7.7	0.3	#0.5	0.1	6.2	0.4	16.4	0.8
2002	8.3	0.3	#0.4	0.1	7.3	0.5	17.4	0.7
2001	6.7	0.3	#0.4	0.1	5.4	0.4	14.0	0.8
2000	6.6	0.3	#0.2	0.1	5.3	0.4	14.0	0.7
1999	7.4	0.3	#0.5	0.1	5.8	0.4	15.3	0.7
1998	6.3	0.9	#0.2	0.1	4.7	0.8	13.8	2.2
1997	5.2	0.6	#0.1	0.1	4.2	0.7	11.4	1.8
1996	4.7	0.6	#0.3	0.1	#4.0	0.9	10.3	1.5
1995	5.5	0.6	#0.1	0.1	6.9	0.8	9.9	1.4

See footnotes at end of table.

Table 8. NSDUH: Prevalence of driving a vehicle while under the influence of alcohol in the past 12 months, by age, sex, and race/Hispanic origin, among 12–20 year olds, United States, 1995–2003.¹ — Continued

Sex, Race/Hispanic origin, and Year	Age							
	12–20		12–14		15–17		18–20	
	Percent	S.E.	Percent	S.E.	Percent	S.E.	Percent	S.E.
Female								
Non-Hispanic White								
2003	9.8	0.4	#0.5	0.2	8.0	0.6	20.7	1.0
2002	10.6	0.4	#0.4	0.1	9.6	0.7	21.4	1.0
2001	8.3	0.4	#0.6	0.2	6.7	0.6	17.0	1.0
2000	8.3	0.4	#0.3	0.1	6.8	0.6	17.2	0.9
1999	9.4	0.4	#0.5	0.2	7.4	0.6	19.2	1.0
1998	8.0	1.3	#0.3	0.2	#5.9	1.2	#17.6	3.4
1997	6.3	0.9	#0.0	>0	#4.8	1.0	14.6	2.5
1996	5.8	0.8	#0.3	0.2	#5.7	1.4	12.7	2.2
1995	7.2	0.8	#0.1	0.1	8.5	1.0	13.6	2.0
Non-Hispanic Black								
2003	3.2	0.6	#0.1	0.2	#1.3	0.5	#8.7	1.6
2002	2.6	0.4	#0.2	0.2	#1.8	0.6	#6.3	1.3
2001	#2.8	0.8	#0.1	0.1	#1.9	0.6	#6.6	2.0
2000	2.9	0.5	#0.1	0.1	#1.0	0.4	#7.2	1.3
1999	#2.4	0.5	#0.2	0.2	#1.0	0.4	#5.6	1.2
1998	#1.8	0.5	0.0	0.0	#2.4	1.2	#2.8	0.9
1997	#1.2	0.5	0.0	0.0	#1.6	0.9	#2.0	1.0
1996	#1.4	0.5	0.0	0.0	0.0	0.0	#3.9	1.4
1995	#1.1	0.3	0.0	0.0	#1.7	0.7	#1.5	0.6
Hispanic								
2003	4.1	0.6	#0.9	0.6	#3.5	0.9	#7.9	1.4
2002	4.5	0.6	#0.3	0.2	#3.8	0.9	9.9	1.6
2001	4.3	0.7	#0.2	0.2	#3.4	0.8	#9.5	1.8
2000	4.0	0.6	#0.1	0.1	#4.0	0.9	#7.7	1.5
1999	4.4	0.6	#0.6	0.4	#3.2	0.8	#8.9	1.6
1998	#3.2	0.7	#0.3	0.2	#2.2	0.8	#7.0	1.8
1997	#4.9	1.3	#0.6	0.4	#4.5	1.6	#9.5	3.7
1996	#3.5	0.9	#0.4	0.4	#1.2	0.7	#8.8	2.5
1995	#2.9	0.8	#0.3	0.2	#4.5	2.0	#3.8	1.7
Native American/Alaska Native								
2003	#10.9	2.6	0.0	0.0	#16.8	5.8	#13.9	4.6
2002	#16.7	5.3	#3.8	2.2	#34.2	15.3	#12.1	6.0
2001	#7.0	3.4	#1.3	1.3	#18.2	9.0	#2.6	1.8
2000	#16.3	5.6	0.0	0.0	#11.1	7.0	#38.1	12.4
1999	#9.0	4.4	0.0	0.0	#12.6	6.4	#27.5	16.4
Asian, Native HI/Other PI								
2003	#4.7	1.4	0.0	0.0	#3.0	1.6	#9.9	3.2
2002	#6.5	1.5	#0.1	0.1	#2.5	1.5	#16.2	3.8
2001	#4.0	1.2	#0.0	>0	#1.8	1.1	#9.1	3.4
2000	#1.2	0.6	0.0	0.0	#0.8	0.5	#3.0	1.6
1999	#4.5	1.5	#0.6	0.6	#3.5	1.7	#9.2	3.9
More than one race								
2003	#9.2	2.3	#0.2	0.2	#9.2	4.1	#22.4	6.2
2002	#7.9	2.5	0.0	0.0	#5.0	3.0	#23.1	7.5
2001	#4.2	1.6	0.0	0.0	#5.1	2.9	#6.9	3.6
2000	#3.0	1.3	0.0	0.0	#2.8	1.7	#10.1	5.5
1999	#5.3	1.8	0.0	0.0	#3.4	1.8	#13.8	5.2

Estimates are unreliable due to relative standard errors > 17.5%.

>0 Value too small to display

¹ Due to survey design modifications, comparison of results from before 1999 to 1999–2003 need to be made with caution.

Appendix A. Differences Among Survey Data Sources

ITEM	NHSDA/NSDUH	MTF	YRBS
Sample Characteristics			
Survey population	Civilian, noninstitutionalized population ages 12 and older, including residents of households and noninstitutional group quarters, and civilians living on military installations	8th, 10th, 12th graders enrolled in school	9th through 12th graders enrolled in school
Sample size (2003)	67,784 youth and adults, including 25,416 12-20 year olds	12th grade: 15,200/122 schools 10th grade: 16,244/129 schools 8th grade: 17,023/141 schools	15,240/158 schools
Sampling procedure	Independent, multistage area probability sample for each State and DC: 1. Area segments/field interviewer regions (PPS) 2. Addresses/area segments 3. Persons/addresses	Multistage area probability sampling: 1. Geographic areas 2. Schools/area (PPS) 3. Classes/school	3-stage cluster sampling: 1. Primary sampling units 2. School/PSU (PPS) 3. Classes/school
Year survey initiated	1971	1975	1991
Latest year available within report range	2003	2003	2003
Frequency of administration	Annual (from 1991)	Annual (from 1991 for all 3 grades)	Every 2 years
Location of administration	Home	School	School
Alcohol Items			
Prevalence of Use			
• <i>Past 30 days</i>	During the past 30 days, on how many days did you drink one or more drinks of an alcoholic beverage?	On how many occasions (if any) have you had alcoholic beverages to drink—more than just a few sips—during the last 30 days?	During the past 30 days, on how many days did you have at least one drink of alcohol?
Response:	Open-ended (i.e., number of days)	1. 0 2. 1–2 3. 3–5 4. 6–9 5. 10–19 6. 20–39 7. 40+	1. 0 2. 1 or 2 3. 3 to 5 4. 6 to 9 5. 10 to 19 6. 20 to 29 7. All 30 days
Drinking Patterns			
• <i>Age at first consumption</i>	How old were you the first time you had a drink of an alcoholic beverage?*	When (if ever) did you first . . . try an alcoholic beverage—more than just a few sips? (non-core dataset)	How old were you when you had your first drink of alcohol other than a few sips?
Response:	Open-ended (i.e., age in years)	1. Grade 4 or less (8 th , 10 th graders) 2. Grade 5 (8 th , 10 th graders) 3. Grade 6 4. Grade 7 5. Grade 8 6. Grade 9 7. Grade 10 8. Grade 11 (12 th graders only) 9. Grade 12 (12 th graders only) 10. Never	1. Never had a drink 2. 8 or younger 3. 9–10 4. 11–12 5. 13–14 6. 15–16 7. 17+

Appendix A. Differences Among Survey Data Sources (continued)

ITEM	NHSDA/NSDUH	MTF	YRBS
• <i>Frequency</i>	During the past 30 days, on how many days did you drink one or more drinks of an alcoholic beverage?	On how many occasions (if any) have you had alcoholic beverages to drink—more than just a few sips—during the last 30 days?	During the past 30 days, on how many days did you have at least one drink of alcohol?
Response:	Open-ended (i.e., number of days)	1. 0 2. 1–2 3. 3–5 4. 6–9 5. 10–19 6. 20–39 7. 40+	1. 0 2. 1 or 2 3. 3 to 5 4. 6 to 9 5. 10 to 19 6. 20 to 29 7. All 30 days
• <i>Quantity</i>	On the [#] days that you drank during the past 30 days, how many drinks did you usually have each day? Count as a drink a can or bottle of beer; a wine cooler or a glass of wine, champagne, or sherry; a shot of liquor or a mixed drink or cocktail.		
Response:	Open-ended (i.e., number of drinks)		
• <i>Volume</i>	[Computation of frequency X quantity]		
• <i>Binge Drinking</i>	During the past 30 days, that is, since ____, on how many days did you have 5 or more drinks on the same occasion? By “occasion,” we mean at the same time or within a couple of hours of each other.	Think back over the last two weeks. How many times have you had five or more drinks in a row?	During the past 30 days, on how many days did you have 5 or more drinks of alcohol in a row, that is, within a couple of hours?
Response:	Open-ended (i.e., number of days recorded)	1. None 2. Once 3. Twice 4. 3–5 times 5. 6–9 times 6. 10+ times	1. 0 days 2. 1 day 3. 2 days 4. 3 to 5 days 5. 6 to 9 days 6. 10 to 19 days 7. 20 or more days
• <i>Drunkenness</i>		On how many occasions (if any) have you been drunk or very high from drinking alcoholic beverages during the last 30 days?	
Response:		1. 0 occasions 2. 1–2 occasions 3. 3–5 occasions 4. 6–9 occasions 5. 10–19 occasions 6. 20–39 occasions 7. 40 or more occasions	
Alcohol-Related Attitudes			
• <i>Attitude toward others drinking</i>	How do you feel about someone your age having one or two drinks of an alcoholic beverage nearly every day?	Do you disapprove of people... taking one or two drinks nearly every day?	
Response:	1. Neither approve nor disapprove 2. Somewhat disapprove 3. Strongly disapprove	1. Don't disapprove 2. Disapprove 3. Strongly disapprove	
		Do you disapprove of people... having five or more drinks once or twice each weekend?	
Response:		1. Don't disapprove 2. Disapprove 3. Strongly disapprove	

Appendix A. Differences Among Survey Data Sources (continued)

ITEM	NHSDA/NSDUH	MTF	YRBS
<ul style="list-style-type: none"> • <i>Perception of risk of drinking</i> 		How much do you think people risk harming themselves (physically or in other ways), if they take one or two drinks nearly every day?	
Response:		<ol style="list-style-type: none"> 1. No risk 2. Slight risk 3. Moderate risk 4. Great risk 5. Can't say, drug unfamiliar 	
	How much do people risk harming themselves physically and in other ways when they have five or more drinks of an alcoholic beverage once or twice a week?	How much do you think people risk harming themselves (physically or in other ways), if they have five or more drinks once or twice each weekend?	
Response:	<ol style="list-style-type: none"> 1. No risk 2. Slight risk 3. Moderate risk 4. Great risk 	<ol style="list-style-type: none"> 1. No risk 2. Slight risk 3. Moderate risk 4. Great risk 5. Can't say, drug unfamiliar 	
Alcohol-Related Risk Behaviors			
<ul style="list-style-type: none"> • <i>Drinking and driving</i> 	During the past 12 months, have you driven a vehicle while you were under the influence of alcohol/alcohol only?	How many of these tickets or warnings [in the past 12 months] occurred after you were drinking alcoholic beverages? [12 th graders]	During the past 30 days, how many times did you drive a car or other vehicle when you had been drinking alcohol?
Response:	<ol style="list-style-type: none"> 1. Yes 2. No 3. Never used 	<ol style="list-style-type: none"> 1. None 2. One 3. Two 4. 3–4 or more 	<ol style="list-style-type: none"> 1. 0 times 2. 1 time 3. 2 or 3 times 4. 4 or 5 times 5. 6 or more times
		How many of these accidents [in the past 12 months] occurred after you were drinking alcoholic beverages? [12 th graders]	
Response:		<ol style="list-style-type: none"> 1. None 2. One 3. Two 4. 3–4 or more 	
			During the past 30 days, how many times did you ride in a car or other vehicle driven by someone who had been drinking alcohol?
Response:			<ol style="list-style-type: none"> 1. 0 times 2. 1 time 3. 2 or 3 times 4. 4 or 5 times 5. 6 or more times

