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**Drug use among American teens
shows some signs of leveling
after a long rise.**

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EDITORS: Results of this survey will be announced at a news conference on Dec. 20 in Washington, D.C. Among those participating in the release of the results will be Secretary of Health and Human Services Donna E. Shalala, Director of the National Office on Drug Control Policy General Barry R. McCaffrey, and the principal investigator of the Monitoring the Future Study, Lloyd D. Johnston. For further information on the study, contact Johnston at (313) 763-5043.

ANN ARBOR---This year's results, based on the 23rd national survey in the ongoing University of Michigan Monitoring the Future study, suggest that while marijuana use continues its longer-term rise among older teens, use of a number of the other illicit drugs has begun to level off.

"For the first time in six years, the use of marijuana and a number of other drugs did not increase among eighth-grade students in this country," states Lloyd Johnston, principal investigator of the study, "and while use of marijuana may still be rising among 10th- and 12th-graders, their use of a number of other illicit drugs appears to have leveled off." Further, key attitudes and beliefs about drugs that have proven to be important determinants of use, began to reverse in many cases.

"Normally a 'no change' story is pretty uninteresting," comments Johnston, "but in this case it is welcome news, given that most of the very considerable change in adolescent drug use in the first half of this decade has been upward."

Johnston and his colleagues, Jerald G. Bachman and Patrick M. O'Malley, senior

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research scientists at the U-M Institute for Social Research, are reporting the results of the 1997 survey they conducted of 51,000 eighth-, 10th-, and 12th-grade students located in 429 secondary schools nationwide. The samples are nationally representative of all students at each of the three grade levels in private and public schools in the coterminous United States. Twelfth-graders have been surveyed annually since 1975 and eighth- and 10th-graders since 1991. This work has been supported since its inception under a series of research grants from the National Institute on Drug Abuse, one of the National Institutes of Health.

Until this year students in all three grades had shown substantial increases in their use of most of the illicit drugs---particularly marijuana. Now the use of a number of drugs has leveled off. Because the findings sometimes differ among grades and among drugs, each of the major classes of drugs is discussed separately.

Marijuana. After six years of steady increases, marijuana use leveled in 1997 among eighth-graders. Among 10th-graders there has been a deceleration in the rate of increase, although the proportion reporting any marijuana use in the prior 12 months (annual prevalence) still showed some increase (a statistically insignificant rise of 1.2 percentage points). There is some evidence of deceleration among 12th-graders, as well, with observed increases in 1996 and 1997 considerably lower than those observed in 1993, 1994, and 1995.

"During the early 1990s we saw a considerable decline in the proportions of students reporting marijuana use as dangerous," Johnston notes, "but the erosion in these attitudes began to slow a couple of years ago, which is probably why we are now seeing this leveling, or at least deceleration in students' actual use of marijuana." (Figure 3.)

This year for the first time in six years, there was an increase among eighth-graders in disapproval of marijuana use, and there was little further erosion in these attitudes among the older students (Table 9). There was no change in the reported availability of marijuana at any of the grade levels in 1997. (In fact, there was no change in reported availability for most of the other drugs [Table 11], as well.)

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Hallucinogens. After several years of steady increase, the reported use of LSD, and of all other hallucinogens taken as a class, leveled in 1997 in all three grades. Consistent with this finding, the degree of risk young people reported to be associated with these drugs began to level a year earlier in all grades. Similarly, the proportion of students expressing disapproval of the use of these drugs has been fairly level since 1996, in comparison to the decline in disapproval that occurred earlier in the 1990s.

The proportion of 1997 students reporting any use of LSD in the 12 months prior to the survey was 3.2 percent, 6.7 percent, and 8.4 percent for grades 8, 10, and 12, respectively. For other hallucinogens the rates were 1.8 percent, 3.3 percent, and 4.6 percent.

Inhalants. The use of inhalants, substances such as glues and aerosols, rose steadily in the early 1990s, but use peaked two years ago and has declined slightly since. The proportion of young people who said they saw a great risk of harm associated with the use of these drugs increased appreciably two years ago among eighth- and 10th-graders (these questions are not asked in grade 12); and disapproval of use has been rising more gradually over the past two years.

Inhalants are more popular among younger teens than older teens. The proportions in 1997 reporting any use in the prior 12 months were 12 percent, 9 percent, and 7 percent in grades 8, 10, and 12, respectively.

Crystal methamphetamine (Ice). Only 12th-graders are asked about the use of "ice," which, like crack, is often smoked or burned in rock form. Ice use had been rising between 1992-96. Use leveled in 1997, after perceived risk had leveled a year earlier.

The proportion of 1997 12th-graders reporting any use of ice in the prior 12 months was 2.3 percent, or nearly one in every 40 students.

MDMA (Ecstasy). The use of MDMA or "ecstasy" has been included in the survey of secondary school students only since 1996. No increase was seen in 1997 in any grade. This very likely follows a period of increase in use, judging by the longer-term trend data available from college students and young adults, who also participate in the Monitoring the

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Future study (data reported elsewhere).

In 1997 the proportions of students reporting any use of ecstasy in the prior 12 months were 2.3 percent, 3.9 percent, and 4.0 percent among eighth-, 10th-, and 12th-graders.

Stimulants. The use of amphetamine stimulants rose gradually in all three grades during the early 1990s. This year, use leveled in the lower grades, though use may have continued its gradual rise in grade 12. Perceived risk and disapproval are asked only of 12th-graders for this class of drugs, and both have stabilized following an earlier period of decline.

The proportions of students in 1997 reporting any use of stimulants in the prior 12 months are 8 percent, 12 percent, and 10 percent for grades 8, 10, and 12.

Cocaine Powder. The use of cocaine powder inched up steadily in all three grade levels in the first half of the 1990s. While none of the 1996-97 changes reaches statistical significance, use appears to continue to be rising at about the same rate in 10th- and 12th-grades, but to have leveled off in eighth-grade. Among the eighth-graders perceived risk leveled this year and disapproval of use actually increased, both after an earlier period of erosion in these attitudes.

The proportions of 1997 students reporting any use of cocaine powder in the prior 12 months are 2.2 percent, 4.1 percent, and 5.0 percent in grades 8, 10, and 12, respectively.

Crack Cocaine. The use of crack rose very modestly at all three grade levels in the first half of the 1990s. In 1997 use leveled in grades 8 and 10 and rose only 0.3 percent (not statistically significant) in 12th-grade.

In 1997 the annual prevalence rates for crack were 1.7 percent, 2.2 percent, and 2.4 percent among eighth-, 10th-, and 12th-graders.

Heroin. The rates of heroin use in the student population are quite low, as would be expected, but they nevertheless have risen significantly in all three grade levels during the 1990s. According to the investigators, it seems highly likely that taking heroin by non-

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traditional means---namely, by snorting or smoking, rather than by injecting it---has played a role in the rise in heroin use. More students now indicate using heroin in these ways than say that they have injected it.

The gradual increase in heroin use may be continuing in 1997 in the upper grades: while too small to be statistically significant, the changes are similar in size to the increases in earlier years. However, use in eighth-grade has leveled off and may even have declined.

"A positive note on heroin," adds Johnston, "is that more students over the past two years have been reporting its use as dangerous. This contrasts to an erosion in those beliefs through the first half of the nineties. A change in these attitudes usually is a precursor of a change in actual use---young people are less likely to use a drug they see as dangerous."

Alcohol. Alcohol use remains very high among American young people, but has not changed much in the past few years. (On some of the measures of alcohol use among 12th-graders, there appears to be some increase in 1997, but this is largely due to the fact that two large schools with unusually low drinking rates cycled out of the sample last year. Therefore, the investigators are treating it as a statistical artifact.)

"Insofar as there has been any change in alcohol use in the nineties," comments Johnston, "it has been in the form of a very gradual upward drift in the very low proportions who say that they have been drunk frequently (20 or more times in the prior 30 days)---these rates are 0.2 percent, 0.6 percent, and 2.0 percent in 1997 in grades 8, 10, and 12, respectively---or in the much larger proportions who indicated recent binge drinking." (Binge drinking is defined as having five or more drinks in a row on at least one occasion in the prior two weeks.) In 1997 some 15 percent, 25 percent, and 31 percent of eighth-, 10th-, and 12th-graders, respectively, indicated such binge drinking and these rates are slightly higher than they were in the early 1990s (Table 1c).

Consistent with these changes, the proportions of students seeing daily drinking and binge drinking as dangerous declined some in the 1990s, as did the proportions disapproving of such behaviors (Tables 7 and 9). However, in 1997 these attitudes began to firm up among the eighth-graders.

* * * * *

"It's a complicated story this year," admits Johnston, "because not all drugs are moving in the same direction and not all grade levels are showing exactly the same changes. But the bottom line is that the longer-term rises in the use of most drugs, which began in the early 1990s among American teen-agers, appear to have stalled or at least decelerated; in addition, for most drugs important underlying attitudes and beliefs have stopped eroding.

"That still leaves us with unacceptably high levels of teen drug use, however, with some usage rates two to three times what they were in the early 1990s. Further, new drugs are continually being introduced with alluring false promises, the adverse effects of which are seldom known when they first arrive on the scene.

"The country has begun to mobilize on this issue in the past few years, but clearly the job is far from complete. Indeed, there will always be an incoming wave of American youngsters who start out naive about the consequences of drug use, and who are growing up in a period when they will know about many drugs and will have fairly easy access to them. If we expect them to reject illicit drug use, we must educate and persuade them with the help of many sectors: the family, school, community, entertainment, media, and national leadership. The more consistent the messages from all of these sectors, the more effective our society will be at preventing the many tragic consequences of drug use among our children.

"I hope that we have learned from the relapse in the drug epidemic in the 1990s that drug use among kids is a persistent and recurring problem---one which needs consistent and unremitting attention. It is a long-term problem, which means that we must institutionalize prevention efforts so that they will be there for the long-term and for each new generation of American children.

"Otherwise, what we have termed 'generational forgetting' is likely to occur again, with a new wave of children growing up not learning what their predecessors learned about the consequences of drug use. We believe generational forgetting contributed to the relapse in teen drug use we are now seeing in the 1990s, since young people's beliefs about the dangers of drugs eroded considerably. Ironically, the risk of generational forgetting is

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greatest when the epidemic subsides, and young people have less opportunity to observe the adverse consequences of drug use first hand. The long and substantial decline in illicit drug use between the late 1970s and the early 1990s created just such a situation."

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The study, titled "Monitoring the Future," is also widely known as the National High School Senior Survey. It has been conducted under a series of investigator-initiated research grants from the National Institute on Drug Abuse. Surveys have been carried out each year since 1975 by the U-M Survey Research Center. In 1997, the seniors comprised about 16,000 students nationwide, selected to be representative of all seniors in the continental United States. They completed self-administered questionnaires given to them in the classrooms by U-M personnel in the spring of the year. Beginning in 1991, similar surveys of nationally representative samples of eighth- and 10th-graders have been conducted annually. The 1997 eighth-grade sample contained about 19,000 students, and the 10th-grade sample contained about 16,000 students. In all, approximately 51,000 students in 429 public and private secondary schools were surveyed in 1997.

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[97drug]

TABLE 1a

Trends in Lifetime Prevalence of Use of Various Drugs for Eighth, Tenth, and Twelfth Graders

(Entries are percentages)

	<u>Lifetime</u>							<u>'96-'97</u>	
	<u>1991</u>	<u>1992</u>	<u>1993</u>	<u>1994</u>	<u>1995</u>	<u>1996</u>	<u>1997</u>	<u>change</u>	<u>'91-'97</u>
Any Illicit Drug ^a									
8th Grade	18.7	20.6	22.5	25.7	28.5	31.2	29.4	-1.8	+10.7sss
10th Grade	30.6	29.8	32.8	37.4	40.9	45.4	47.3	+1.9	+16.7sss
12th Grade	44.1	40.7	42.9	45.6	48.4	50.8	54.3	+3.5s	+10.2sss
Any Illicit Drug Other Than Marijuana ^a									
8th Grade	14.3	15.6	16.8	17.5	18.8	19.2	17.7	-1.5	+3.4sss
10th Grade	19.1	19.2	20.9	21.7	24.3	25.5	25.0	-0.5	+5.9sss
12th Grade	26.9	25.1	26.7	27.6	28.1	28.5	30.0	+1.5	+3.1s
Any Illicit Drug Including Inhalants ^{a,b}									
8th Grade	28.5	29.6	32.3	35.1	38.1	39.4	38.1	-1.3	+9.6sss
10th Grade	36.1	36.2	38.7	42.7	45.9	49.8	50.9	+1.1	+14.8sss
12th Grade	47.6	44.4	46.6	49.1	51.5	53.5	56.3	+2.8	+8.7sss
Marijuana/Hashish									
8th Grade	10.2	11.2	12.6	16.7	19.9	23.1	22.6	-0.5	+12.4sss
10th Grade	23.4	21.4	24.4	30.4	34.1	39.8	42.3	+2.5s	+18.9sss
12th Grade	36.7	32.6	35.3	38.2	41.7	44.9	49.6	+4.7ss	+12.9sss
Inhalants ^{b,c}									
8th Grade	17.6	17.4	19.4	19.9	21.6	21.2	21.0	-0.2	+3.4sss
10th Grade	15.7	16.6	17.5	18.0	19.0	19.3	18.3	-1.0	+2.6ss
12th Grade	17.6	16.6	17.4	17.7	17.4	16.6	16.1	-0.5	-1.5
Nitrites ^d									
8th Grade	—	—	—	—	—	—	—	—	—
10th Grade	—	—	—	—	—	—	—	—	—
12th Grade	1.6	1.5	1.4	1.7	1.5	1.8	2.0	+0.2	+0.4
Hallucinogens ^e									
8th Grade	3.2	3.8	3.9	4.3	5.2	5.9	5.4	-0.5	+2.2sss
10th Grade	6.1	6.4	6.8	8.1	9.3	10.5	10.5	0.0	+4.4sss
12th Grade	9.6	9.2	10.9	11.4	12.7	14.0	15.1	+1.1	+5.5sss
LSD									
8th Grade	2.7	3.2	3.5	3.7	4.4	5.1	4.7	-0.4	+2.0sss
10th Grade	5.6	5.8	6.2	7.2	8.4	9.4	9.5	+0.1	+3.9sss
12th Grade	8.8	8.6	10.3	10.5	11.7	12.6	13.6	+1.0	+4.8sss

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TABLE 1a (cont.)

Trends in Lifetime Prevalence of Use of Various Drugs for Eighth, Tenth, and Twelfth Graders

	<u>Lifetime</u>							'96-'97	'91-'97
	<u>1991</u>	<u>1992</u>	<u>1993</u>	<u>1994</u>	<u>1995</u>	<u>1996</u>	<u>1997</u>	<u>change</u>	<u>change</u>
Hallucinogens Other Than LSD									
8th Grade	1.4	1.7	1.7	2.2	2.5	3.0	2.6	-0.4	+1.2sss
10th Grade	2.2	2.5	2.8	3.8	3.9	4.7	4.8	+0.1	+2.6sss
12th Grade	3.7	3.3	3.9	4.9	5.4	6.8	7.5	+0.7	+3.8sss
PCP ^d									
8th Grade	—	—	—	—	—	—	—	—	—
10th Grade	—	—	—	—	—	—	—	—	—
12th Grade	2.9	2.4	2.9	2.8	2.7	4.0	3.9	-0.1	+1.0
MDMA (Ecstasy) ^d									
8th Grade	—	—	—	—	—	3.4	3.2	-0.2	—
10th Grade	—	—	—	—	—	5.6	5.7	+0.1	—
12th Grade	—	—	—	—	—	6.1	6.9	+0.8	—
Cocaine									
8th Grade	2.3	2.9	2.9	3.6	4.2	4.5	4.4	-0.1	+2.1sss
10th Grade	4.1	3.3	3.6	4.3	5.0	6.5	7.1	+0.6	+3.0sss
12th Grade	7.8	6.1	6.1	5.9	6.0	7.1	8.7	+1.6s	+0.9
Crack									
8th Grade	1.3	1.6	1.7	2.4	2.7	2.9	2.7	-0.2	+1.4sss
10th Grade	1.7	1.5	1.8	2.1	2.8	3.3	3.6	+0.3	+1.9sss
12th Grade	3.1	2.6	2.6	3.0	3.0	3.3	3.9	+0.6s	+0.8ss
Other Cocaine ^e									
8th Grade	2.0	2.4	2.4	3.0	3.4	3.8	3.5	-0.3	+1.5sss
10th Grade	3.8	3.0	3.3	3.8	4.4	5.5	6.1	+0.6	+2.3sss
12th Grade	7.0	5.3	5.4	5.2	5.1	6.4	8.2	+1.8s	+1.2
Heroin ^f									
8th Grade	1.2	1.4	1.4	2.0	2.3	2.4	2.1	-0.3	+0.9sss
10th Grade	1.2	1.2	1.3	1.5	1.7	2.1	2.1	0.0	+0.9sss
12th Grade	0.9	1.2	1.1	1.2	1.6	1.8	2.1	+0.3	+1.2sss
Other Opiates ^g									
8th Grade	—	—	—	—	—	—	—	—	—
10th Grade	—	—	—	—	—	—	—	—	—
12th Grade	6.6	6.1	6.4	6.6	7.2	8.2	9.7	+1.5ss	+3.1sss
Stimulants ^g									
8th Grade	10.5	10.8	11.8	12.3	13.1	13.5	12.3	-1.2	+1.8s
10th Grade	13.2	13.1	14.9	15.1	17.4	17.7	17.0	-0.7	+3.8sss
12th Grade	15.4	13.9	15.1	15.7	15.3	15.3	16.5	+1.2	+1.1

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TABLE 1a (cont.)

Trends in Lifetime Prevalence of Use of Various Drugs for Eighth, Tenth, and Twelfth Graders

	Lifetime							'96-'97 change	'91-'97 change
	1991	1992	1993	1994	1995	1996	1997		
Ice ^h									
8th Grade	—	—	—	—	—	—	—	—	—
10th Grade	—	—	—	—	—	—	—	—	—
12th Grade	3.3	2.9	3.1	3.4	3.9	4.4	4.4	0.0	+1.1s
Barbiturates ^g									
8th Grade	—	—	—	—	—	—	—	—	—
10th Grade	—	—	—	—	—	—	—	—	—
12th Grade	6.2	5.5	6.3	7.0	7.4	7.6	8.1	+0.5	+1.9sss
Tranquilizers ^g									
8th Grade	3.8	4.1	4.4	4.6	4.5	5.3	4.8	-0.5	+1.0ss
10th Grade	5.8	5.9	5.7	5.4	6.0	7.1	7.3	+0.2	+1.5ss
12th Grade	7.2	6.0	6.4	6.6	7.1	7.2	7.8	+0.6	+0.6
Alcohol ⁱ									
Any use									
8th Grade	70.1	69.3	67.1	—	—	—	—	—	—
			55.7	55.8	54.5	55.3	53.8	-1.5	-1.9 ^j
10th Grade	83.8	82.3	80.8	—	—	—	—	—	—
			71.6	71.1	70.5	71.8	72.0	+0.2	+0.4 ^j
12th Grade	88.0	87.5	87.0	—	—	—	—	—	—
			80.0	80.4	80.7	79.2	81.7	+2.5ss	+1.7 ^j
Been Drunk ^h									
8th Grade	26.7	26.8	26.4	25.9	25.3	26.8	25.2	-1.6	-1.5
10th Grade	50.0	47.7	47.9	47.2	46.9	48.5	49.4	+0.9	-0.6
12th Grade	65.4	63.4	62.5	62.9	63.2	61.8	64.2	+2.4	-1.2
Cigarettes									
Any use									
8th Grade	44.0	45.2	45.3	46.1	46.4	49.2	47.3	-1.9	+3.3ss
10th Grade	55.1	53.5	56.3	56.9	57.6	61.2	60.2	-1.0	+5.1sss
12th Grade	63.1	61.8	61.9	62.0	64.2	63.5	65.4	+1.9	+2.3
Smokeless Tobacco ^d									
8th Grade	22.2	20.7	18.7	19.9	20.0	20.4	16.8	-3.6ss	-5.4sss
10th Grade	28.2	26.6	28.1	29.2	27.6	27.4	26.3	-1.1	-1.9
12th Grade	—	32.4	31.0	30.7	30.9	29.8	25.3	-4.5	-7.1s ^k
Steroids ^h									
8th Grade	1.9	1.7	1.6	2.0	2.0	1.8	1.8	0.0	-0.1
10th Grade	1.8	1.7	1.7	1.8	2.0	1.8	2.0	+0.2	+0.2
12th Grade	2.1	2.1	2.0	2.4	2.3	1.9	2.4	+0.5	+0.3

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TABLE 1b

**Trends in Annual and 30-Day Prevalence of Use of Various Drugs
for Eighth, Tenth, and Twelfth Graders**

	Annual										30-Day									
	1991	1992	1993	1994	1995	1996	1997	'96-'97 change	'91-'97 change		1991	1992	1993	1994	1995	1996	1997	'96-'97 change	'91-'97 change	
Any Illicit Drug ^a																				
8th Grade	11.3	12.9	15.1	18.5	21.4	23.6	22.1	-1.5	+10.8sss		5.7	6.8	8.4	10.9	12.4	14.6	12.9	-1.7ss	+7.2sss	
10th Grade	21.4	20.4	24.7	30.0	33.3	37.5	38.5	+1.0	+17.1sss		11.6	11.0	14.0	18.5	20.2	23.2	23.0	-0.2	+11.4sss	
12th Grade	29.4	27.1	31.0	35.8	39.0	40.2	42.4	+2.2	+13.0sss		16.4	14.4	18.3	21.9	23.8	24.6	26.2	+1.6	+9.8sss	
Any Illicit Drug Other Than Marijuana ^a																				
8th Grade	8.4	9.3	10.4	11.3	12.6	13.1	11.8	-1.3s	+3.4sss		3.8	4.7	5.3	5.6	6.5	6.9	6.0	-0.9s	+2.2sss	
10th Grade	12.2	12.3	13.9	15.2	17.5	18.4	18.2	-0.2	+6.0sss		5.5	5.7	6.5	7.1	8.9	8.9	8.8	-0.1	+3.3sss	
12th Grade	16.2	14.9	17.1	18.0	19.4	19.8	20.7	+0.9	+4.5sss		7.1	6.3	7.9	8.8	10.0	9.5	10.7	+1.2	+3.6sss	
Any Illicit Drug Including Inhalants ^{a,b}																				
8th Grade	16.7	18.2	21.1	24.2	27.1	28.7	27.2	-1.5	+10.5sss		8.8	10.0	12.0	14.3	16.1	17.5	16.0	-1.5s	+7.2sss	
10th Grade	23.9	23.5	27.4	32.5	35.6	39.6	40.3	+0.7	+16.4sss		13.1	12.6	15.5	20.0	21.6	24.5	24.1	-0.4	+11.0sss	
12th Grade	31.2	28.8	32.5	37.6	40.2	41.9	43.3	+1.4	+12.1sss		17.8	15.5	19.3	23.0	24.8	25.5	26.9	+1.4	+9.1sss	
Marijuana/Hashish																				
8th Grade	6.2	7.2	9.2	13.0	15.8	18.3	17.7	-0.6	+11.5sss		3.2	3.7	5.1	7.8	9.1	11.3	10.2	-1.1	+7.0sss	
10th Grade	16.5	15.2	19.2	25.2	28.7	33.6	34.8	+1.2	+18.3sss		8.7	8.1	10.9	15.8	17.2	20.4	20.5	+0.1	+11.8sss	
12th Grade	23.9	21.9	26.0	30.7	34.7	35.8	38.5	+2.7	+14.6sss		13.8	11.9	15.5	19.0	21.2	21.9	23.7	+1.8	+9.9sss	
Inhalants ^{b,c}																				
8th Grade	9.0	9.5	11.0	11.7	12.8	12.2	11.8	-0.4	+2.8sss		4.4	4.7	5.4	5.6	6.1	5.8	5.6	-0.2	+1.2sss	
10th Grade	7.1	7.5	8.4	9.1	9.6	9.5	8.7	-0.8	+1.6ss		2.7	2.7	3.3	3.6	3.5	3.3	3.0	-0.3	+0.3	
12th Grade	6.6	6.2	7.0	7.7	8.0	7.6	6.7	-0.9	+0.1		2.4	2.3	2.5	2.7	3.2	2.5	2.5	0.0	+0.1	
Nitrites ^d																				
8th Grade	—	—	—	—	—	—	—	—	—		—	—	—	—	—	—	—	—	—	
10th Grade	—	—	—	—	—	—	—	—	—		—	—	—	—	—	—	—	—	—	
12th Grade	0.9	0.5	0.9	1.1	1.1	1.6	1.2	-0.4	+0.3		0.4	0.3	0.6	0.4	0.4	0.7	0.7	0.0	+0.3	
Hallucinogens ^e																				
8th Grade	1.9	2.5	2.6	2.7	3.6	4.1	3.7	-0.4	+1.8sss		0.8	1.1	1.2	1.3	1.7	1.9	1.8	-0.1	+1.0sss	
10th Grade	4.0	4.3	4.7	5.8	7.2	7.8	7.6	-0.2	+3.6sss		1.6	1.8	1.9	2.4	3.3	2.8	3.3	+0.5	+1.7sss	
12th Grade	5.8	5.9	7.4	7.6	9.3	10.1	9.8	-0.3	+4.0sss		2.2	2.1	2.7	3.1	4.4	3.5	3.9	+0.4	+1.7sss	
LSD																				
8th Grade	1.7	2.1	2.3	2.4	3.2	3.5	3.2	-0.3	+1.5sss		0.6	0.9	1.0	1.1	1.4	1.5	1.5	0.0	+0.9sss	
10th Grade	3.7	4.0	4.2	5.2	6.5	6.9	6.7	-0.2	+3.0sss		1.5	1.6	1.6	2.0	3.0	2.4	2.8	+0.4	+1.3sss	
12th Grade	5.2	5.6	6.8	6.9	8.4	8.8	8.4	-0.4	+3.2sss		1.9	2.0	2.4	2.6	4.0	2.5	3.1	+0.6s	+1.2sss	
Hallucinogens Other Than LSD																				
8th Grade	0.7	1.1	1.0	1.3	1.7	2.0	1.8	-0.2	+1.1sss		0.3	0.4	0.5	0.7	0.8	0.9	0.7	-0.2	+0.4sss	
10th Grade	1.3	1.4	1.9	2.4	2.8	3.3	3.3	0.0	+2.0sss		0.4	0.5	0.7	1.0	1.0	1.0	1.2	+0.2	+0.8sss	
12th Grade	2.0	1.7	2.2	3.1	3.8	4.4	4.6	+0.2	+2.6sss		0.7	0.5	0.8	1.2	1.3	1.6	1.7	+0.1	+1.0sss	

(Table continued on next page)

TABLE 1b (cont.)

**Trends in Annual and 30-Day Prevalence of Use of Various Drugs
for Eighth, Tenth, and Twelfth Graders**

	Annual										30-Day									
	1991	1992	1993	1994	1995	1996	1997	'96-'97 change	'91-'97 change		1991	1992	1993	1994	1995	1996	1997	'96-'97 change	'91-'97 change	
PCP ^d																				
8th Grade	—	—	—	—	—	—	—	—	—		—	—	—	—	—	—	—	—	—	
10th Grade	—	—	—	—	—	—	—	—	—		—	—	—	—	—	—	—	—	—	
12th Grade	1.4	1.4	1.4	1.6	1.8	2.6	2.3	-0.3	+0.9		0.5	0.6	1.0	0.7	0.6	1.3	0.7	-0.6	+0.2	
MDMA (Ecstasy) ^d																				
8th Grade	—	—	—	—	—	2.3	2.3	0.0	—		—	—	—	—	—	1.0	1.0	0.0	—	
10th Grade	—	—	—	—	—	4.6	3.9	-0.7	—		—	—	—	—	—	1.8	1.3	-0.5	—	
12th Grade	—	—	—	—	—	4.6	4.0	-0.6	—		—	—	—	—	—	2.0	1.6	-0.4	—	
Cocaine																				
8th Grade	1.1	1.5	1.7	2.1	2.6	3.0	2.8	-0.2	+1.7sss		0.5	0.7	0.7	1.0	1.2	1.3	1.1	-0.2	+0.6sss	
10th Grade	2.2	1.9	2.1	2.8	3.5	4.2	4.7	+0.5	+2.5sss		0.7	0.7	0.9	1.2	1.7	1.7	2.0	+0.3	+1.3sss	
12th Grade	3.5	3.1	3.3	3.6	4.0	4.9	5.5	+0.6	+2.0sss		1.4	1.3	1.3	1.5	1.8	2.0	2.3	+0.3	+0.9ss	
Crack																				
8th Grade	0.7	0.9	1.0	1.3	1.6	1.8	1.7	-0.1	+1.0sss		0.3	0.5	0.4	0.7	0.7	0.8	0.7	-0.1	+0.4sss	
10th Grade	0.9	0.9	1.1	1.4	1.8	2.1	2.2	+0.1	+1.3sss		0.3	0.4	0.5	0.6	0.9	0.8	0.9	+0.1	+0.6sss	
12th Grade	1.5	1.5	1.5	1.9	2.1	2.1	2.4	+0.3	+0.9sss		0.7	0.6	0.7	0.8	1.0	1.0	0.9	-0.1	+0.2	
Other Cocaine ^e																				
8th Grade	1.0	1.2	1.3	1.7	2.1	2.5	2.2	-0.3	+1.2sss		0.5	0.5	0.6	0.9	1.0	1.0	0.8	-0.2	+0.3s	
10th Grade	2.1	1.7	1.8	2.4	3.0	3.5	4.1	+0.6	+2.0sss		0.6	0.6	0.7	1.0	1.4	1.3	1.6	+0.3	+1.0sss	
12th Grade	3.2	2.6	2.9	3.0	3.4	4.2	5.0	+0.8	+1.8ss		1.2	1.0	1.2	1.3	1.3	1.6	2.0	+0.4	+0.8s	
Heroin ^f																				
8th Grade	0.7	0.7	0.7	1.2	1.4	1.6	1.3	-0.3s	+0.6sss		0.3	0.4	0.4	0.6	0.6	0.7	0.6	-0.1	+0.3sss	
10th Grade	0.5	0.6	0.7	0.9	1.1	1.2	1.4	+0.2	+0.9sss		0.2	0.2	0.3	0.4	0.6	0.5	0.6	+0.1	+0.4sss	
12th Grade	0.4	0.6	0.5	0.6	1.1	1.0	1.2	+0.2	+0.8sss		0.2	0.3	0.2	0.3	0.6	0.5	0.5	0.0	+0.3sss	
Other Opiates ^g																				
8th Grade	—	—	—	—	—	—	—	—	—		—	—	—	—	—	—	—	—	—	
10th Grade	—	—	—	—	—	—	—	—	—		—	—	—	—	—	—	—	—	—	
12th Grade	3.5	3.3	3.6	3.8	4.7	5.4	6.2	+0.8s	+2.7sss		1.1	1.2	1.3	1.5	1.8	2.0	2.3	+0.3	+1.2sss	
Stimulants ^h																				
8th Grade	6.2	6.5	7.2	7.9	8.7	9.1	8.1	-1.0s	+1.9sss		2.6	3.3	3.6	3.6	4.2	4.6	3.8	-0.8ss	+1.2sss	
10th Grade	8.2	8.2	9.6	10.2	11.9	12.4	12.1	-0.3	+3.9sss		3.3	3.6	4.3	4.5	5.3	5.5	5.1	-0.4	+1.8sss	
12th Grade	8.2	7.1	8.4	9.4	9.3	9.5	10.2	+0.7	+2.0ss		3.2	2.8	3.7	4.0	4.0	4.1	4.8	+0.7s	+1.6sss	
Ice ^h																				
8th Grade	—	—	—	—	—	—	—	—	—		—	—	—	—	—	—	—	—	—	
10th Grade	—	—	—	—	—	—	—	—	—		—	—	—	—	—	—	—	—	—	
12th Grade	1.4	1.3	1.7	1.8	2.4	2.8	2.3	-0.5	+0.9ss		0.6	0.5	0.6	0.7	1.1	1.1	0.8	-0.3	+0.2	

(Table continued on next page)

TABLE 1b (cont.)

**Trends in Annual and 30-Day Prevalence of Use of Various Drugs
for Eighth, Tenth, and Twelfth Graders**

	Annual										30-Day									
	1991	1992	1993	1994	1995	1996	1997	'96-'97 change	'91-'97 change		1991	1992	1993	1994	1995	1996	1997	'96-'97 change	'91-'97 change	
Barbiturates [*]																				
8th Grade	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
10th Grade	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
12th Grade	3.4	2.8	3.4	4.1	4.7	4.9	5.1	+0.2	+1.7 ^{sss}	1.4	1.1	1.3	1.7	2.2	2.1	2.1	0.0	+0.7 ^{sss}		
Tranquilizers [*]																				
8th Grade	1.8	2.0	2.1	2.4	2.7	3.3	2.9	-0.4	+1.1 ^{sss}	0.8	0.8	0.9	1.1	1.2	1.5	1.2	-0.3 ^s	+0.4 ^{ss}		
10th Grade	3.2	3.5	3.3	3.3	4.0	4.6	4.9	+0.3	+1.7 ^{sss}	1.2	1.5	1.1	1.5	1.7	1.7	2.2	+0.5 ^{ss}	+1.0 ^{sss}		
12th Grade	3.6	2.8	3.5	3.7	4.4	4.6	4.7	+0.1	+1.1 ^{ss}	1.4	1.0	1.2	1.4	1.8	2.0	1.8	-0.2	+0.4 ^s		
Alcohol ^l																				
Any use																				
8th Grade	54.0	53.7	51.6	—	—	—	—	—	—	25.1	26.1	26.2	—	—	—	—	—	—	—	
			45.4	46.8	45.3	46.5	45.5	-1.0	+0.1 ^j			24.3	25.5	24.6	26.2	24.5	-1.7	+0.2 ^j		
10th Grade	72.3	70.2	69.3	—	—	—	—	—	—	42.8	39.9	41.5	—	—	—	—	—	—	—	
			63.4	63.9	63.5	65.0	65.2	+0.2	+1.8 ^j			38.2	39.2	38.8	40.4	40.1	-0.3	+1.9 ^j		
12th Grade	77.7	76.8	76.0	—	—	—	—	—	—	54.0	51.3	51.0	—	—	—	—	—	—	—	
			72.7	73.0	73.7	72.5	74.8	+2.3 ^s	+2.1 ^j			48.6	50.1	51.3	50.8	52.7	+1.9	+4.1 ^{ssj}		
Been Drunk ^h																				
8th Grade	17.5	18.3	18.2	18.2	18.4	19.8	18.4	-1.4	+0.9	7.6	7.5	7.8	8.7	8.3	9.6	8.2	-1.4 ^s	+0.6		
10th Grade	40.1	37.0	37.8	38.0	38.5	40.1	40.7	+0.6	+0.6	20.5	18.1	19.8	20.3	20.8	21.3	22.4	+1.1	+1.9		
12th Grade	52.7	50.3	49.6	51.7	52.5	51.9	53.2	+1.3	+0.5	31.6	29.9	28.9	30.8	33.2	31.3	34.2	+2.9	+2.6		
Cigarettes																				
Any use																				
8th Grade	—	—	—	—	—	—	—	—	—	14.3	15.5	16.7	18.6	19.1	21.0	19.4	-1.6	+5.1 ^{sss}		
10th Grade	—	—	—	—	—	—	—	—	—	20.8	21.5	24.7	25.4	27.9	30.4	29.8	-0.6	+9.0 ^{sss}		
12th Grade	—	—	—	—	—	—	—	—	—	28.3	27.8	29.9	31.2	33.5	34.0	36.5	+2.5 ^s	+8.2 ^{sss}		
Smokeless Tobacco ^d																				
8th Grade	—	—	—	—	—	—	—	—	—	6.9	7.0	6.6	7.7	7.1	7.1	5.5	-1.6 ^s	-1.4		
10th Grade	—	—	—	—	—	—	—	—	—	10.0	9.6	10.4	10.5	9.7	8.6	8.9	+0.3	-1.1		
12th Grade	—	—	—	—	—	—	—	—	—	—	11.4	10.7	11.1	12.2	9.8	9.7	-0.1	-1.7 ^k		
Steroids ^h																				
8th Grade	1.0	1.1	0.9	1.2	1.0	0.9	1.0	+0.1	0.0	0.4	0.5	0.5	0.5	0.6	0.4	0.5	+0.1	+0.1		
10th Grade	1.1	1.1	1.0	1.1	1.2	1.2	1.2	0.0	+0.1	0.6	0.6	0.5	0.6	0.6	0.5	0.7	+0.2 ^s	+0.1		
12th Grade	1.4	1.1	1.2	1.3	1.5	1.4	1.4	0.0	0.0	0.8	0.6	0.7	0.9	0.7	0.7	1.0	+0.3	+0.2		

(Table continued on next page)

TABLE 1c

Trends in 30-Day Prevalence of Daily Use of Various Drugs for Eighth, Tenth, and Twelfth Graders

	<u>Daily</u>							'96-'97	'91-'97
	1991	1992	1993	1994	1995	1996	1997	change	change
Marijuana/Hashish ¹									
8th Grade	0.2	0.2	0.4	0.7	0.8	1.5	1.1	-0.4ss	+0.9sss
10th Grade	0.8	0.8	1.0	2.2	2.8	3.5	3.7	+0.2	+2.9sss
12th Grade	2.0	1.9	2.4	3.6	4.6	4.9	5.8	+0.9s	+3.8sss
Alcohol ^{1j}									
Any daily use									
8th Grade	0.5	0.6	0.8	—	—	—	—	—	—
10th Grade	1.3	1.2	1.6	1.0	0.7	1.0	0.8	-0.2	-0.2 ^j
12th Grade	3.6	3.4	1.8	1.7	1.7	1.6	1.7	+0.1	-0.1 ^j
			3.4	2.9	3.5	3.7	3.9	+0.2	+0.5 ^j
Been Drunk ^{h1}									
8th Grade	0.1	0.1	0.2	0.3	0.2	0.2	0.2	-0.1	0.0
10th Grade	0.2	0.3	0.4	0.4	0.6	0.4	0.6	+0.2s	+0.4sss
12th Grade	0.9	0.8	0.9	1.2	1.3	1.6	2.0	+0.4	+1.1sss
5+ drinks in last 2 weeks									
8th Grade	12.9	13.4	13.5	14.5	14.5	15.6	14.5	-1.1	+1.6
10th Grade	22.9	21.1	23.0	23.6	24.0	24.8	25.1	+0.3	+2.2s
12th Grade	29.8	27.9	27.5	28.2	29.8	30.2	31.3	+1.1	+1.5
Cigarettes									
Any daily use									
8th Grade	7.2	7.0	8.3	8.8	9.3	10.4	9.0	-1.4s	+1.8ss
10th Grade	12.6	12.3	14.2	14.6	16.3	18.3	18.0	-0.3	+5.4sss
12th Grade	18.5	17.2	19.0	19.4	21.6	22.2	24.6	+2.4s	+6.1sss
1/2 pack+/day									
8th Grade	3.1	2.9	3.5	3.6	3.4	4.3	3.5	-0.8s	+0.4
10th Grade	6.5	6.0	7.0	7.6	8.3	9.4	8.6	-0.8	+2.1sss
12th Grade	10.7	10.0	10.9	11.2	12.4	13.0	14.3	+1.3	+3.6sss
Smokeless Tobacco ^d									
8th Grade	1.6	1.8	1.5	1.9	1.2	1.5	1.0	-0.6	-0.6
10th Grade	3.3	3.0	3.3	3.0	2.7	2.2	2.2	0.0	-1.1
12th Grade	—	4.3	3.3	3.9	3.6	3.3	4.4	+1.0	+0.1 ^k

(Footnotes are on the next page)

NOTES: Level of significance of difference between the two years: $s = .05$, $ss = .01$, $sss = .001$. '—' indicates data not available. '*' indicates less than .05 percent.
Any apparent inconsistency between the change estimate and the prevalence estimates for the two years is due to rounding error.

SOURCE: The Monitoring the Future Study, the University of Michigan.

Approximate Weighted Ns	1991	1992	1993	1994	1995	1996	1997
8th Grade	17,500	18,600	18,300	17,300	17,500	17,800	18,600
10th Grade	14,800	14,800	15,300	15,800	17,000	15,600	15,500
12th Grade	15,000	15,800	16,300	15,400	15,400	14,300	15,400

^aFor 12th graders only: Use of "any illicit drug" includes any use of marijuana, LSD, other hallucinogens, crack, other cocaine, or heroin, or any use of other opiates, stimulants, barbiturates, or tranquilizers not under a doctor's orders. For 8th and 10th graders: The use of other opiates and barbiturates has been excluded, because these younger respondents appear to overreport use (perhaps because they include the use of nonprescription drugs in their answers).

^bFor 12th graders only: Data based on five of six forms; N is five-sixths of N indicated.

^cInhalants are unadjusted for underreporting of amyl and butyl nitrites; hallucinogens are unadjusted for underreporting of PCP.

^dFor 8th and 10th graders only: Smokeless data based on one of two forms for 1991–96 and on two of four forms beginning in 1997; N is one-half of N indicated. MDMA data based on one-third of N indicated due to changes on the questionnaire forms. For 12th graders only: Data based on one form; N is one-sixth of N indicated.

^eFor 12th graders only: Data based on four of six forms; N is four-sixths of N indicated.

^fIn 1995, the heroin question was changed in three of six forms for 12th graders and in one of two forms for 8th and 10th graders. Separate questions were asked for use with injection and without injection. Data presented here represent the combined data from all forms. In 1996, the heroin question was changed in the remaining 8th and 10th grade form.

^gOnly drug use which was not under a doctor's orders is included here.

^hFor 12th graders only: Data based on two of six forms; N is two-sixths of N indicated.

ⁱFor all grades: In 1993, the question text was changed slightly in half of the forms to indicate that a "drink" meant "more than a few sips." The data in the upper line for alcohol came from forms using the original wording, while the data in the lower line came from forms using the revised wording. In 1993, each line of data was based on one of two forms for the 8th and 10th graders and on three of six forms for the 12th graders. N is one-half of N indicated for all groups. Data for 1994–97 were based on all forms for all grades.

^jFor 8th, 10th and 12th graders: The changes in the '91–'97 change columns for alcohol are actually the '93–'97 changes.

^kFor 12th graders only: The changes in the '91–'97 change columns for smokeless tobacco are actually the '92–'97 changes.

^lDaily use is defined as use on twenty or more occasions in the past thirty days except for 5+ drinks, cigarettes, and smokeless tobacco, for which actual daily use is measured.

TABLE 2a

Marijuana: Trends in Annual Prevalence of Use by Subgroups for Eighth and Tenth Graders

Percent who used in last twelve months																			
8th Grade										10th Grade									
	1991	1992	1993	1994	1995	1996	1997	'96-'97 change	'91-'97 change		1991	1992	1993	1994	1995	1996	1997	'96-'97 change	'91-'97 change
Approx. N =	17500	18600	18300	17300	17500	17800	18600				14800	14800	15300	15800	17000	15600	15500		
Total	6.2	7.2	9.2	13.0	15.8	18.3	17.7	-0.6	+11.5sss		16.5	15.2	19.2	25.2	28.7	33.6	34.8	+1.2	+18.3sss
Sex:																			
Male	7.3	7.4	10.5	15.1	17.7	19.6	19.2	-0.4	+11.9sss		17.7	16.3	21.2	28.2	30.6	36.0	37.3	+1.3	+19.6sss
Female	5.1	6.9	8.0	10.9	13.7	16.9	16.1	-0.8	+11.0sss		15.1	13.9	16.9	21.9	26.5	31.4	32.3	+0.9	+17.2sss
College Plans:																			
None or under 4 yrs.	15.8	17.5	22.4	27.7	30.3	34.6	34.5	-0.1	+18.7sss		26.9	25.1	31.5	37.3	41.8	48.9	51.5	+2.6	+24.6sss
Complete 4 yrs.	4.6	5.5	7.3	11.0	13.8	15.8	15.5	-0.3	+10.9sss		14.2	13.0	16.5	22.4	26.4	31.0	32.0	+1.0	+17.8sss
Region:																			
Northeast	5.0	5.8	6.2	12.1	13.0	15.3	16.2	+0.9	+11.2sss		17.1	14.9	22.4	25.6	28.8	34.8	34.6	-0.2	+17.5sss
North Central	5.9	6.0	8.0	12.0	17.5	18.6	17.0	-1.6	+11.1sss		15.8	14.8	17.4	23.4	26.6	33.1	34.4	+1.3	+18.6sss
South	6.1	7.3	9.0	11.4	14.7	17.1	17.2	+0.1	+11.1sss		14.5	12.5	16.4	23.8	28.4	33.9	34.4	+0.5	+19.9sss
West	7.8	10.3	14.8	18.1	18.4	22.5	20.6	-1.9	+12.8sss		19.4	20.4	24.0	30.0	32.2	32.4	36.5	+4.1	+17.1sss
Population Density:																			
Large MSA	5.2	6.7	8.0	13.1	15.6	18.3	16.4	-1.9	+11.2sss		16.5	15.1	19.0	26.3	27.8	31.5	34.1	+2.6	+17.6sss
Other MSA	7.2	8.3	10.9	15.7	17.2	19.5	18.2	-1.3	+11.0sss		17.3	15.9	19.8	28.2	31.2	36.2	36.6	+0.4	+19.3sss
Non-MSA	5.3	5.7	7.2	8.0	13.7	15.8	18.0	+2.2	+12.7sss		14.9	13.9	18.2	18.5	24.8	30.9	32.5	+1.6	+17.6sss
Parental Education: ^a																			
1.0-2.0 (Low)	13.2	12.7	13.6	18.7	23.0	20.2	24.8	+4.6s	+11.6sss		20.3	18.9	22.4	25.8	32.0	32.9	34.5	+1.6	+14.2sss
2.5-3.0	7.0	7.7	10.7	14.5	17.9	20.6	20.3	-0.3	+13.3sss		17.8	16.0	19.7	26.3	31.8	35.6	36.8	+1.2	+19.0sss
3.5-4.0	6.2	7.0	9.7	13.2	17.2	20.2	19.5	-0.7	+13.3sss		16.2	15.1	19.3	25.6	30.0	36.4	37.8	+1.4	+21.6sss
4.5-5.0	3.7	5.4	7.4	10.9	12.7	16.2	15.7	-0.5	+12.0sss		14.9	14.1	17.6	23.8	27.0	31.7	33.1	+1.4	+18.2sss
5.5-6.0 (High)	4.6	5.2	6.4	11.0	13.0	14.7	12.1	-2.6	+7.5sss		15.9	13.7	18.5	23.3	23.4	30.3	30.5	+0.2	+14.6sss
Race (2-year average): ^{b,c}																			
White	—	6.4	7.8	10.0	13.5	16.7	17.8	+1.1	+11.4sss		—	17.0	18.0	22.6	27.7	32.0	35.3	+3.3s	+18.3sss
Black	—	4.1	5.7	8.9	11.9	14.0	15.3	+1.3	+11.2sss		—	7.6	8.7	15.3	20.9	25.7	28.4	+2.7	+20.8sss
Hispanic	—	11.9	13.9	18.1	20.4	20.8	21.8	+1.0	+9.9sss		—	18.9	21.3	25.1	29.2	34.6	36.8	+2.2	+17.9sss

NOTES: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001.

— indicates data not available.

See Table D-39 for the number of subgroup cases.

See Appendix B for definition of variables in table.

SOURCE: The Monitoring the Future Study, the University of Michigan.

^aParental education is an average score of mother's education and father's education. See Appendix B for details.

^bTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates.

^cThe changes in the '91-'97 change columns are actually the '92-'97 changes.

TABLE 2b

Marijuana: Trends in Annual Prevalence of Use by Subgroups for Twelfth Graders

	Percent who used in last twelve months																									
	Class of 1975	Class of 1976	Class of 1977	Class of 1978	Class of 1979	Class of 1980	Class of 1981	Class of 1982	Class of 1983	Class of 1984	Class of 1985	Class of 1986	Class of 1987	Class of 1988	Class of 1989	Class of 1990	Class of 1991	Class of 1992	Class of 1993	Class of 1994	Class of 1995	Class of 1996	Class of 1997	'96-'97 change	'91-'97 change	
Approx. N =	9400	15400	17100	17800	15500	15900	17500	17700	16300	15900	16000	15200	16300	16300	16700	15200	15000	15800	16300	15400	15400	14300	15400			
Total	40.0	44.5	47.6	50.2	50.8	48.8	46.1	44.3	42.3	40.0	40.6	38.8	36.3	33.1	29.6	27.0	23.9	21.9	26.0	30.7	34.7	35.8	38.5	+2.7	+14.6sss	
Sex:																										
Male	45.8	50.6	53.2	55.9	55.8	53.4	49.2	47.2	45.7	43.2	43.1	41.2	38.6	35.8	32.8	29.4	27.2	24.4	29.0	35.1	38.1	39.4	40.9	+1.5	+13.7sss	
Female	34.9	37.8	42.0	44.3	45.7	44.1	42.5	40.8	38.4	36.0	37.8	36.0	33.8	30.3	26.3	24.2	20.1	18.9	22.4	26.4	30.6	31.6	35.5	+3.9s	+15.4sss	
College Plans:																										
None or under 4 yrs.	—	46.8	50.7	51.6	53.1	51.7	49.7	48.2	46.0	44.2	44.0	42.7	40.6	36.2	34.4	31.1	27.6	27.5	29.1	34.4	39.0	41.7	44.6	+2.9	+17.0sss	
Complete 4 yrs.	—	40.7	43.4	47.1	47.3	45.9	42.6	40.6	38.3	35.9	37.5	36.1	34.0	31.3	27.3	24.7	22.0	19.4	24.4	29.1	32.6	33.4	36.4	+3.0s	+14.4sss	
Region:																										
Northeast	47.4	52.7	53.5	59.2	60.6	55.5	53.2	50.9	49.3	49.6	48.2	44.6	41.2	36.7	31.3	32.2	28.2	23.9	31.2	36.0	37.7	40.0	43.5	+3.5	+15.3sss	
North Central	40.1	44.0	48.1	51.6	52.2	48.9	46.8	45.6	42.0	36.4	40.8	40.2	37.4	34.3	33.0	28.7	26.1	22.7	26.0	30.5	36.9	36.9	36.5	-0.4	+10.4sss	
South	32.4	37.9	42.5	42.7	41.2	42.0	38.0	36.7	36.1	35.6	31.0	31.7	30.2	28.7	25.0	21.4	18.1	18.1	23.2	28.7	31.8	32.8	35.0	+2.2	+16.9sss	
West	44.1	45.8	46.8	49.1	51.9	51.7	49.6	45.5	44.8	43.2	46.2	41.2	39.6	35.6	32.3	28.3	26.8	26.1	26.4	30.0	33.8	35.6	42.6	+7.0s	+15.8sss	
Population Density:																										
Large MSA	50.4	51.3	53.2	57.2	58.7	56.3	51.4	50.4	47.0	44.2	44.4	42.6	39.3	34.3	27.8	27.7	24.3	22.6	29.1	32.0	37.5	37.2	38.3	+1.1	+14.0sss	
Other MSA	40.3	44.2	48.9	50.8	51.9	49.8	46.4	44.8	44.0	41.0	40.7	39.4	36.9	34.7	30.3	28.3	27.5	22.1	26.2	32.7	34.9	38.6	40.5	+1.9	+13.0sss	
Non-MSA	32.9	39.8	41.2	43.3	43.3	41.9	41.6	38.5	36.5	35.3	37.3	34.7	32.2	29.0	30.0	23.5	17.5	21.0	23.1	25.8	31.0	29.6	34.9	+5.3	+17.4sss	
Parental Education: ^a																										
1.0-2.0 (Low)	35.2	38.9	41.0	42.5	46.0	43.7	41.8	38.9	39.7	35.7	37.1	33.4	30.7	30.7	23.3	21.0	22.4	21.2	23.0	26.3	30.9	31.3	34.8	+3.5	+12.4sss	
2.5-3.0	39.2	46.1	48.2	50.3	50.0	49.0	45.3	44.5	42.2	40.1	40.6	38.8	36.3	31.1	29.6	26.9	22.5	21.1	24.1	29.7	33.8	35.1	37.4	+2.3	+14.9sss	
3.5-4.0	38.5	44.9	49.5	51.4	52.7	49.8	47.0	46.5	42.2	41.4	41.0	40.1	36.8	33.4	31.4	27.6	24.0	22.7	26.6	31.5	34.2	36.1	38.1	+2.0	+14.1sss	
4.5-5.0	40.6	46.8	49.3	53.2	53.7	50.5	47.6	45.9	43.5	39.6	43.2	39.9	37.5	35.1	29.7	28.5	23.8	20.8	27.2	32.0	35.0	36.6	40.1	+3.5	+16.3sss	
5.5-6.0 (High)	38.7	47.5	48.6	55.2	51.2	52.0	48.5	45.7	43.7	39.9	37.9	38.9	38.6	35.9	30.7	29.4	28.2	22.6	28.0	32.3	37.5	36.7	39.7	+3.0	+11.5sss	
Race (2-year average): ^b																										
White	—	—	46.8	50.1	51.8	51.2	49.1	47.1	44.6	42.0	41.6	41.4	39.7	37.6	34.5	31.6	28.2	24.9	25.9	30.2	34.2	36.4	38.7	+2.3	+10.5sss	
Black	—	—	37.9	39.6	38.4	37.5	36.1	35.5	37.4	36.4	33.4	30.6	25.7	21.2	17.8	13.7	11.4	11.5	14.2	20.7	26.8	30.2	30.4	+0.2	+19.0sss	
Hispanic	—	—	45.8	43.4	42.1	44.1	41.2	38.8	38.3	38.8	37.8	36.7	33.3	29.6	25.0	21.6	23.6	24.7	23.5	25.7	29.7	32.3	36.4	+4.1	+12.8s	

NOTES: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.
 See Table D-40 for the number of subgroup cases.
 See Appendix B for definition of variables in table.

SOURCE: The Monitoring the Future Study, the University of Michigan.

^aParental education is an average score of mother's education and father's education. See Appendix B for details.

^bTo derive percentages for each racial subgroup, data for the specified year and the previous year have been combined to increase subgroup sample sizes and thus provide more stable estimates.

TABLE 3

Long-Term Trends in Lifetime Prevalence of Use of Various Drugs for Twelfth Graders

	Percent ever used																							
	Class of 1975	Class of 1976	Class of 1977	Class of 1978	Class of 1979	Class of 1980	Class of 1981	Class of 1982	Class of 1983	Class of 1984	Class of 1985	Class of 1986	Class of 1987	Class of 1988	Class of 1989	Class of 1990	Class of 1991	Class of 1992	Class of 1993	Class of 1994	Class of 1995	Class of 1996	Class of 1997	'96-'97 change
Approx. N =	9400	15400	17100	17800	15500	15900	17500	17700	16300	15900	16000	15200	16300	16300	16700	15200	15000	15800	16300	15400	15400	14300	15400	
Any Illicit Drug ^{a,b}	55.2	58.3	61.6	64.1	65.1	65.4	65.6	64.4	62.9	61.6	60.6	57.6	56.6	53.9	50.9	47.9	44.1	40.7	42.9	45.6	48.4	50.8	54.3	+3.5s
Any Illicit Drug Other Than Marijuana ^{a,b}	36.2	35.4	35.8	36.5	37.4	38.7	42.8	41.1	40.4	40.3	39.7	37.7	35.8	32.5	31.4	29.4	26.9	25.1	26.7	27.6	28.1	28.5	30.0	+1.5
Marijuana/Hashish	47.3	52.8	56.4	59.2	60.4	60.3	59.5	58.7	57.0	54.9	54.2	50.9	50.2	47.2	43.7	40.7	36.7	32.6	35.3	38.2	41.7	44.9	49.6	+4.7ss
Inhalants ^c	—	10.3	11.1	12.0	12.7	11.9	12.3	12.8	13.6	14.4	15.4	15.9	17.0	16.7	17.6	18.0	17.6	16.6	17.4	17.7	17.4	16.6	16.1	-0.5
Inhalants, Adjusted ^{c,d}	—	—	—	—	18.2	17.3	17.2	17.7	18.2	18.0	18.1	20.1	18.6	17.5	18.6	18.5	18.0	17.0	17.7	18.3	17.8	17.5	16.9	-0.6
Amyl/Butyl Nitrites ^{e,f}	—	—	—	—	11.1	11.1	10.1	9.8	8.4	8.1	7.9	8.6	4.7	3.2	3.3	2.1	1.6	1.5	1.4	1.7	1.5	1.8	2.0	+0.2
Hallucinogens	16.3	15.1	13.9	14.3	14.1	13.3	13.3	12.5	11.9	10.7	10.3	9.7	10.3	8.9	9.4	9.4	9.6	9.2	10.9	11.4	12.7	14.0	15.1	+1.1
Hallucinogens, Adjusted ^g	—	—	—	—	17.7	15.6	15.3	14.3	13.6	12.3	12.1	11.9	10.6	9.2	9.9	9.7	10.0	9.4	11.3	11.7	13.1	14.5	15.4	+0.9
LSD	11.3	11.0	9.8	9.7	9.5	9.3	9.8	9.6	8.9	8.0	7.5	7.2	8.4	7.7	8.3	8.7	8.8	8.6	10.3	10.5	11.7	12.6	13.6	+1.0
PCP ^{e,f}	—	—	—	—	12.8	9.6	7.8	6.0	5.6	5.0	4.9	4.8	3.0	2.9	3.9	2.8	2.9	2.4	2.9	2.8	2.7	4.0	3.9	-0.1
MDMA (Ecstasy) ^g	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	6.1	6.9	+0.8
Cocaine	9.0	9.7	10.8	12.9	15.4	15.7	16.5	16.0	16.2	16.1	17.3	16.9	15.2	12.1	10.3	9.4	7.8	6.1	6.1	5.9	6.0	7.1	8.7	+1.6s
Crack ^h	—	—	—	—	—	—	—	—	—	—	—	—	5.4	4.8	4.7	3.5	3.1	2.6	2.6	3.0	3.0	3.3	3.9	+0.6s
Other Cocaine ⁱ	—	—	—	—	—	—	—	—	—	—	—	—	14.0	12.1	8.5	8.6	7.0	5.3	5.4	5.2	5.1	6.4	8.2	+1.8s
Heroin ^j	2.2	1.8	1.8	1.6	1.1	1.1	1.1	1.2	1.2	1.3	1.2	1.1	1.2	1.1	1.3	1.3	0.9	1.2	1.1	1.2	1.6	1.8	2.1	+0.3
Other Opiates ^k	9.0	9.6	10.3	9.9	10.1	9.8	10.1	9.6	9.4	9.7	10.2	9.0	9.2	8.6	8.3	8.3	6.6	6.1	6.4	6.6	7.2	8.2	9.7	+1.5ss
Stimulants ^{b,k}	22.3	22.6	23.0	22.9	24.2	26.4	32.2	27.9	26.9	27.9	26.2	23.4	21.6	19.8	19.1	17.5	15.4	13.9	15.1	15.7	15.3	15.3	16.5	+1.2
Crystal Meth. (Ice) ^l	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2.7	3.3	2.9	3.1	3.4	3.9	4.4	4.4	0.0
Sedatives ^{k,m}	18.2	17.7	17.4	16.0	14.6	14.9	16.0	15.2	14.4	13.3	11.8	10.4	8.7	7.8	7.4	7.5	6.7	6.1	6.4	7.3	7.6	8.2	8.7	+0.5
Barbiturates ^k	16.9	16.2	15.6	13.7	11.8	11.0	11.3	10.3	9.9	9.9	9.2	8.4	7.4	6.7	6.5	6.8	6.2	5.5	6.3	7.0	7.4	7.6	8.1	+0.5
Methaqualone ^{k,m}	8.1	7.8	8.5	7.9	8.3	9.5	10.6	10.7	10.1	8.3	6.7	5.2	4.0	3.3	2.7	2.3	1.3	1.6	0.8	1.4	1.2	2.0	1.7	-0.3
Tranquilizers ^k	17.0	16.8	18.0	17.0	16.3	15.2	14.7	14.0	13.3	12.4	11.9	10.9	10.9	9.4	7.6	7.2	7.2	6.0	6.4	6.6	7.1	7.2	7.8	+0.6
Alcohol ⁿ	90.4	91.9	92.5	93.1	93.0	93.2	92.6	92.8	92.6	92.6	92.2	91.3	92.2	92.0	90.7	89.5	88.0	87.5	87.0	—	—	—	—	—
																			80.0	80.4	80.7	79.2	81.7	+2.5ss
Been Drunk ^l	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	65.4	63.4	62.5	62.9	63.2	61.8	64.2	+2.4
Cigarettes	73.6	75.4	75.7	75.3	74.0	71.0	71.0	70.1	70.6	69.7	68.8	67.6	67.2	66.4	65.7	64.4	63.1	61.8	61.9	62.0	64.2	63.5	65.4	+1.9
Smokeless Tobacco ^{o,o}	—	—	—	—	—	—	—	—	—	—	—	31.4	32.2	30.4	29.2	—	—	32.4	31.0	30.7	30.9	29.8	25.3	-4.5
Steroids ^l	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.0	2.9	2.1	2.1	2.0	2.4	2.3	1.9	2.4	+0.5

NOTES: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.

SOURCE: The Monitoring the Future Study, the University of Michigan.

Footnotes for Table 3-Table 6

^aUse of "any illicit drug" includes any use of marijuana, LSD, other hallucinogens, crack, other cocaine, or heroin, or any use of other opiates, stimulants, barbiturates, methaqualone (excluded since 1990), or tranquilizers not under a doctor's orders.

^bBeginning in 1982 the question about stimulant use (i.e., amphetamines) was revised to get respondents to exclude the inappropriate reporting of non-prescription stimulants. The prevalence rate dropped slightly as a result of this methodological change.

^cData based on four of five forms in 1976-88; N is four-fifths of N indicated. Data based on five of six forms in 1989-97; N is five-sixths of N indicated.

^dAdjusted for underreporting of amyl and butyl nitrites. See text for details.

^eData based on one form; N is one-fifth of N indicated in 1979-88 and one-sixth of N indicated in 1989-97.

^fQuestion text changed slightly in 1987.

^gAdjusted for underreporting of PCP. See text for details.

^hData based on one of five forms in 1986; N is one-fifth of N indicated. Data based on two forms in 1987-89; N is two-fifths of N indicated in 1987-88 and two-sixths of N indicated in 1989. Data based on six forms in 1990-97.

ⁱData based on one form in 1987-89; N is one-fifth of N indicated in 1987-88 and one-sixth of N indicated in 1989. Data based on four of six forms in 1990-97; N is four-sixths of N indicated.

^jIn 1995 the heroin question was changed in half of the questionnaire forms. Separate questions were asked for use with injection and without injection. Data presented here represent the combined data from all forms.

^kOnly drug use which was not under a doctor's orders is included here.

^lData based on two of six forms; N is two-sixths of N indicated. Steroid data based on one of six forms in 1989-90; N is one-sixth of N indicated in 1989-90. Steroid data based on two of six forms since 1991; N is two-sixths of N indicated since 1991.

^mSedatives: Data based on five forms in 1975-88, six forms in 1989, one form in 1990 (N is one-sixth of N indicated in 1990), and six forms of data adjusted by one-form data beginning in 1991. Methaqualone: Data based on five forms in 1975-88, six forms in 1989, and one of six forms beginning in 1990 (N is one-sixth of N indicated beginning in 1990).

ⁿData based on five forms in 1975-88 and on six forms in 1989-92. In 1993, the question text was changed slightly in three of six forms to indicate that a "drink" meant "more than a few sips." The data in the upper line for alcohol came from the three forms using the original wording (N is three-sixths of N indicated), while the data in the lower line came from the three forms containing the revised wording (N is three-sixths of N indicated). Data for 1994-97 were based on all six forms.

^oPrevalence of smokeless tobacco was not asked of twelfth graders in 1990 and 1991. Prior to 1990 the prevalence question on smokeless tobacco was located near the end of one twelfth-grade questionnaire form, whereas after 1991 the question was placed earlier and in a different form. This shift could explain the discontinuities between the corresponding data.

SOURCE: The Monitoring the Future Study, the University of Michigan.

TABLE 4

Long-Term Trends in Annual Prevalence of Use of Various Drugs for Twelfth Graders

Percent who used in last twelve months																								
	Class of 1975	Class of 1976	Class of 1977	Class of 1978	Class of 1979	Class of 1980	Class of 1981	Class of 1982	Class of 1983	Class of 1984	Class of 1985	Class of 1986	Class of 1987	Class of 1988	Class of 1989	Class of 1990	Class of 1991	Class of 1992	Class of 1993	Class of 1994	Class of 1995	Class of 1996	Class of 1997	'96-'97 change
Approx. N =	9400	15400	17100	17800	15500	15900	17500	17700	16300	15900	16000	15200	16300	16300	16700	15200	15000	15800	16300	15400	15400	14300	15400	
Any Illicit Drug ^{a,b}	45.0	48.1	51.1	53.8	54.2	53.1	52.1	49.4	47.4	45.8	46.3	44.3	41.7	38.5	35.4	32.5	29.4	27.1	31.0	35.8	39.0	40.2	42.4	+2.2
Any Illicit Drug Other Than Marijuana ^{a,b}	26.2	25.4	26.0	27.1	28.2	30.4	34.0	30.1	28.4	28.0	27.4	25.9	24.1	21.1	20.0	17.9	16.2	14.9	17.1	18.0	19.4	19.8	20.7	+0.9
Marijuana/Hashish	40.0	44.5	47.6	50.2	50.8	48.8	46.1	44.3	42.3	40.0	40.6	38.8	36.3	33.1	29.6	27.0	23.9	21.9	26.0	30.7	34.7	35.8	38.5	+2.7
Inhalants ^c	—	3.0	3.7	4.1	5.4	4.6	4.1	4.5	4.3	5.1	5.7	6.1	6.9	6.5	5.9	6.9	6.6	6.2	7.0	7.7	8.0	7.6	6.7	-0.9
Inhalants, Adjusted ^{c,d}	—	—	—	—	8.9	7.9	6.1	6.6	6.2	7.2	7.5	8.9	8.1	7.1	6.9	7.5	6.9	6.4	7.4	8.2	8.4	8.5	7.3	-1.2s
Amyl/Butyl Nitrites ^{e,f}	—	—	—	—	6.5	5.7	3.7	3.6	3.6	4.0	4.0	4.7	2.6	1.7	1.7	1.4	0.9	0.5	0.9	1.1	1.1	1.6	1.2	-0.4
Hallucinogens	11.2	9.4	8.8	9.6	9.9	9.3	9.0	8.1	7.3	6.5	6.3	6.0	6.4	5.5	5.6	5.9	5.8	5.9	7.4	7.6	9.3	10.1	9.8	-0.3
Hallucinogens, Adjusted ^g	—	—	—	—	11.8	10.4	10.1	9.0	8.3	7.3	7.6	7.6	6.7	5.8	6.2	6.0	6.1	6.2	7.8	7.8	9.7	10.7	10.0	-0.7
LSD	7.2	6.4	5.5	6.3	6.6	6.5	6.5	6.1	5.4	4.7	4.4	4.5	5.2	4.8	4.9	5.4	5.2	5.6	6.8	6.9	8.4	8.8	8.4	-0.4
PCP ^{e,f}	—	—	—	—	7.0	4.4	3.2	2.2	2.6	2.3	2.9	2.4	1.3	1.2	2.4	1.2	1.4	1.4	1.4	1.6	1.8	2.6	2.3	-0.3
MDMA (Ecstasy) ^g	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4.6	4.0	-0.6
Cocaine	5.6	6.0	7.2	9.0	12.0	12.3	12.4	11.5	11.4	11.6	13.1	12.7	10.3	7.9	6.5	5.3	3.5	3.1	3.3	3.6	4.0	4.9	5.5	+0.6
Crack ^h	—	—	—	—	—	—	—	—	—	—	—	4.1	3.9	3.1	3.1	1.9	1.5	1.5	1.5	1.9	2.1	2.1	2.4	+0.3
Other Cocaine ⁱ	—	—	—	—	—	—	—	—	—	—	—	—	9.8	7.4	5.2	4.6	3.2	2.6	2.9	3.0	3.4	4.2	5.0	+0.8
Heroin ^j	1.0	0.8	0.8	0.8	0.5	0.5	0.5	0.6	0.6	0.5	0.6	0.5	0.5	0.5	0.6	0.5	0.4	0.6	0.5	0.6	1.1	1.0	1.2	+0.2
Other Opiates ^k	5.7	5.7	6.4	6.0	6.2	6.3	5.9	5.3	5.1	5.2	5.9	5.2	5.3	4.6	4.4	4.5	3.5	3.3	3.6	3.8	4.7	5.4	6.2	+0.8s
Stimulants ^{b,k}	16.2	15.8	16.3	17.1	18.3	20.8	26.0	20.3	17.9	17.7	15.8	13.4	12.2	10.9	10.8	9.1	8.2	7.1	8.4	9.4	9.3	9.5	10.2	+0.7
Crystal Meth. (Ice) ^l	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.3	1.4	1.3	1.7	1.8	2.4	2.8	2.3	-0.5
Sedatives ^{k,m}	11.7	10.7	10.8	9.9	9.9	10.3	10.5	9.1	7.9	6.6	5.8	5.2	4.1	3.7	3.7	3.6	3.6	2.9	3.4	4.2	4.9	5.3	5.4	+0.1
Barbiturates ^k	10.7	9.6	9.3	8.1	7.5	6.8	6.6	5.5	5.2	4.9	4.6	4.2	3.6	3.2	3.3	3.4	3.4	2.8	3.4	4.1	4.7	4.9	5.1	+0.2
Methaqualone ^{k,m}	5.1	4.7	5.2	4.9	5.9	7.2	7.6	6.8	5.4	3.8	2.8	2.1	1.5	1.3	1.3	0.7	0.5	0.6	0.2	0.8	0.7	1.1	1.0	-0.1
Tranquilizers ^k	10.6	10.3	10.8	9.9	9.6	8.7	8.0	7.0	6.9	6.1	6.1	5.8	5.5	4.8	3.8	3.5	3.6	2.8	3.5	3.7	4.4	4.6	4.7	+0.1
Alcohol ⁿ	84.8	85.7	87.0	87.7	88.1	87.9	87.0	86.8	87.3	86.0	85.6	84.5	85.7	85.3	82.7	80.6	77.7	76.8	76.0	—	—	—	—	—
																			72.7	73.0	73.7	72.5	74.8	+2.3s
Been Drunk ^l	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	52.7	50.3	49.6	51.7	52.5	51.9	53.2	+1.3
Cigarettes	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Smokeless Tobacco ^{o,o}	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Steroids ^l	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.9	1.7	1.4	1.1	1.2	1.3	1.5	1.4	1.4	0.0

NOTES: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available. See Table 3 for relevant footnotes.

SOURCE: The Monitoring the Future Study, the University of Michigan.

TABLE 5

Long-Term Trends in Thirty-Day Prevalence of Use of Various Drugs for Twelfth Graders

	Percent who used in last thirty days																							
	Class of 1975	Class of 1976	Class of 1977	Class of 1978	Class of 1979	Class of 1980	Class of 1981	Class of 1982	Class of 1983	Class of 1984	Class of 1985	Class of 1986	Class of 1987	Class of 1988	Class of 1989	Class of 1990	Class of 1991	Class of 1992	Class of 1993	Class of 1994	Class of 1995	Class of 1996	Class of 1997	'96-'97 change
Approx. N =	9400	15400	17100	17800	15500	15900	17500	17700	16300	15900	16000	15200	16300	16300	16700	15200	15000	15800	16300	15400	15400	14300	15400	
Any Illicit Drug ^{a,b}	30.7	34.2	37.6	38.9	38.9	37.2	36.9	32.5	30.5	29.2	29.7	27.1	24.7	21.3	19.7	17.2	16.4	14.4	18.3	21.9	23.8	24.6	26.2	+1.6
Any Illicit Drug Other Than Marijuana ^{a,b}	15.4	13.9	15.2	15.1	16.8	18.4	21.7	17.0	15.4	15.1	14.9	13.2	11.6	10.0	9.1	8.0	7.1	6.3	7.9	8.8	10.0	9.5	10.7	+1.2
Marijuana/Hashish	27.1	32.2	35.4	37.1	36.5	33.7	31.6	28.5	27.0	25.2	25.7	23.4	21.0	18.0	16.7	14.0	13.8	11.9	15.5	19.0	21.2	21.9	23.7	+1.8
Inhalants ^c	—	0.9	1.3	1.5	1.7	1.4	1.5	1.5	1.7	1.9	2.2	2.5	2.8	2.6	2.3	2.7	2.4	2.3	2.5	2.7	3.2	2.5	2.5	0.0
Inhalants, Adjusted ^{c,d}	—	—	—	—	3.2	2.7	2.5	2.5	2.5	2.6	3.0	3.2	3.5	3.0	2.7	2.9	2.6	2.5	2.8	2.9	3.5	2.9	2.9	0.0
Amyl/Butyl Nitrites ^{e,f}	—	—	—	—	2.4	1.8	1.4	1.1	1.4	1.4	1.6	1.3	1.3	0.6	0.6	0.6	0.4	0.3	0.6	0.4	0.4	0.7	0.7	0.0
Hallucinogens	4.7	3.4	4.1	3.9	4.0	3.7	3.7	3.4	2.8	2.6	2.5	2.5	2.5	2.2	2.2	2.2	2.2	2.1	2.7	3.1	4.4	3.5	3.9	+0.4
Hallucinogens, Adjusted ^g	—	—	—	—	5.3	4.4	4.5	4.1	3.5	3.2	3.8	3.5	2.8	2.3	2.9	2.3	2.4	2.3	3.3	3.2	4.6	3.8	4.1	+0.3
LSD	2.3	1.9	2.1	2.1	2.4	2.3	2.5	2.4	1.9	1.5	1.6	1.7	1.8	1.8	1.8	1.9	1.9	2.0	2.4	2.6	4.0	2.5	3.1	+0.6s
PCP ^{e,f}	—	—	—	—	2.4	1.4	1.4	1.0	1.3	1.0	1.6	1.3	0.6	0.3	1.4	0.4	0.5	0.6	1.0	0.7	0.6	1.3	0.7	-0.6
MDMA (Ecstasy) ^g	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2.0	1.6	-0.4
Cocaine	1.9	2.0	2.9	3.9	5.7	5.2	5.8	5.0	4.9	5.8	6.7	6.2	4.3	3.4	2.8	1.9	1.4	1.3	1.3	1.5	1.8	2.0	2.3	+0.3
Crack ^h	—	—	—	—	—	—	—	—	—	—	—	—	1.3	1.6	1.4	0.7	0.7	0.6	0.7	0.8	1.0	1.0	0.9	-0.1
Other Cocaine ⁱ	—	—	—	—	—	—	—	—	—	—	—	—	4.1	3.2	1.9	1.7	1.2	1.0	1.2	1.3	1.3	1.6	2.0	+0.4
Heroin ^j	0.4	0.2	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.2	0.2	0.2	0.3	0.2	0.2	0.3	0.2	0.3	0.6	0.5	0.5	0.0
Other Opiates ^k	2.1	2.0	2.8	2.1	2.4	2.4	2.1	1.8	1.8	1.8	2.3	2.0	1.8	1.6	1.6	1.5	1.1	1.2	1.3	1.5	1.8	2.0	2.3	+0.3
Stimulants ^{b,k}	8.5	7.7	8.8	8.7	9.9	12.1	15.8	10.7	8.9	8.3	6.8	5.5	5.2	4.6	4.2	3.7	3.2	2.8	3.7	4.0	4.0	4.1	4.8	+0.7s
Crystal Meth. (Ice) ^l	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.6	0.6	0.5	0.6	0.7	1.1	1.1	0.8	-0.3
Sedatives ^{k,m}	5.4	4.5	5.1	4.2	4.4	4.8	4.6	3.4	3.0	2.3	2.4	2.2	1.7	1.4	1.6	1.4	1.5	1.2	1.3	1.8	2.3	2.3	2.1	-0.2
Barbiturates ^k	4.7	3.9	4.3	3.2	3.2	2.9	2.6	2.0	2.1	1.7	2.0	1.8	1.4	1.2	1.4	1.3	1.4	1.1	1.3	1.7	2.2	2.1	2.1	0.0
Methaqualone ^{k,m}	2.1	1.6	2.3	1.9	2.3	3.3	3.1	2.4	1.8	1.1	1.0	0.8	0.6	0.5	0.6	0.2	0.2	0.4	0.1	0.4	0.4	0.6	0.3	-0.3
Tranquilizers ^k	4.1	4.0	4.6	3.4	3.7	3.1	2.7	2.4	2.5	2.1	2.1	2.1	2.0	1.5	1.3	1.2	1.4	1.0	1.2	1.4	1.8	2.0	1.8	-0.2
Alcohol ⁿ	68.2	68.3	71.2	72.1	71.8	72.0	70.7	69.7	69.4	67.2	65.9	65.3	66.4	63.9	60.0	57.1	54.0	51.3	51.0	—	—	—	—	—
																			48.6	50.1	51.3	50.8	52.7	+1.9
Been Drunk ^l	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	31.6	29.9	28.9	30.8	33.2	31.3	34.2	+2.9
Cigarettes	36.7	38.8	38.4	36.7	34.4	30.5	29.4	30.0	30.3	29.3	30.1	29.6	29.4	28.7	28.6	29.4	28.3	27.8	29.9	31.2	33.5	34.0	36.5	+2.5s
Smokeless Tobacco ^{o,o}	—	—	—	—	—	—	—	—	—	—	—	11.5	11.3	10.3	8.4	—	—	11.4	10.7	11.1	12.2	9.8	9.7	-0.1
Steroids ^l	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.8	1.0	0.8	0.6	0.7	0.9	0.7	0.7	1.0	+0.3

NOTES: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available. See Table 3 for relevant footnotes.

SOURCE: The Monitoring the Future Study, the University of Michigan.

TABLE 6

Long-Term Trends in Thirty-Day Prevalence of Daily Use of Various Drugs for Twelfth Graders

	Percent who used daily in last thirty days																								
	Class of <u>1975</u>	Class of <u>1976</u>	Class of <u>1977</u>	Class of <u>1978</u>	Class of <u>1979</u>	Class of <u>1980</u>	Class of <u>1981</u>	Class of <u>1982</u>	Class of <u>1983</u>	Class of <u>1984</u>	Class of <u>1985</u>	Class of <u>1986</u>	Class of <u>1987</u>	Class of <u>1988</u>	Class of <u>1989</u>	Class of <u>1990</u>	Class of <u>1991</u>	Class of <u>1992</u>	Class of <u>1993</u>	Class of <u>1994</u>	Class of <u>1995</u>	Class of <u>1996</u>	Class of <u>1997</u>	'96-'97 change	
Approx. N = 9400 15400 17100 17800 15500 15900 17500 17700 16300 15900 16000 15200 16300 16300 16700 15200 15000 15800 16300 15400 15400 14300 15400																									
Marijuana/Hashish	6.0	8.2	9.1	10.7	10.3	9.1	7.0	6.3	5.5	5.0	4.9	4.0	3.3	2.7	2.9	2.2	2.0	1.9	2.4	3.6	4.6	4.9	5.8	+0.9s	
Inhalants ^c	—	*	*	0.1	*	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.2	0.2	0.3	0.2	0.1	0.1	0.1	0.1	0.2	0.1	-0.1	
<i>Inhalants, Adjusted^{c,d}</i>	—	—	—	—	0.1	0.2	0.2	0.2	0.2	0.2	0.4	0.4	0.4	0.3	0.3	0.3	0.5	0.2	0.2	—	—	0.4	0.2	-0.3s	
Amyl/Butyl Nitrites ^{e,f}	—	—	—	—	*	0.1	0.1	0.0	0.2	0.1	0.3	0.5	0.3	0.1	0.3	0.1	0.2	0.1	0.1	0.2	0.2	0.4	0.1	-0.3s	
Hallucinogens	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	*	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3	+0.1s	
<i>Hallucinogens, Adjusted^g</i>	—	—	—	—	0.2	0.2	0.1	0.2	0.2	0.2	0.3	0.3	0.2	*	0.3	0.3	0.1	0.1	0.1	—	—	0.4	0.4	-0.1	
LSD	*	*	*	*	*	*	0.1	*	0.1	0.1	0.1	*	0.1	*	*	0.1	0.1	0.1	0.1	0.1	0.1	*	0.2	+0.1s	
PCP ^{e,f}	—	—	—	—	0.1	0.1	0.1	0.1	0.1	0.1	0.3	0.2	0.3	0.1	0.2	0.1	0.1	0.1	0.1	0.3	0.3	0.3	0.1	-0.2	
MDMA (Ecstasy) ^g	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.0	0.1	+0.1	
Cocaine	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.2	0.2	0.2	0.4	0.4	0.3	0.2	0.3	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	-0.1	
Crack ^h	—	—	—	—	—	—	—	—	—	—	—	—	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.0	
Other Cocaine ⁱ	—	—	—	—	—	—	—	—	—	—	—	—	0.2	0.2	0.1	0.1	0.1	*	0.1	0.1	0.1	0.1	0.1	-0.1	
Heroin ^j	0.1	*	*	*	*	*	*	*	0.1	*	*	*	*	*	0.1	*	*	*	*	*	0.1	0.1	0.1	0.1	-0.1
Other Opiates ^k	0.1	0.1	0.2	0.1	*	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	*	*	0.1	0.1	0.2	0.2	0.0	
Stimulants ^{b,k}	0.5	0.4	0.5	0.5	0.6	0.7	1.2	0.7	0.8	0.6	0.4	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.0	
Crystal Meth. (Ice) ^l	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.1	0.1	0.1	0.1	*	0.1	0.1	0.1	0.0	
Sedatives ^{k,m}	0.3	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	*	0.1	0.1	0.1	0.0	
Barbiturates ^k	0.1	0.1	0.2	0.1	*	0.1	0.1	0.1	0.1	*	0.1	0.1	0.1	*	0.1	0.1	0.1	*	0.1	*	0.1	0.1	0.1	0.0	
Methaqualone ^{k,m}	*	*	*	*	*	0.1	0.1	0.1	*	*	*	*	*	0.1	*	*	*	0.1	0.0	0.1	0.1	0.0	0.1	+0.1	
Tranquilizers ^k	0.1	0.2	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	*	*	0.1	*	0.1	0.1	0.1	*	*	0.1	*	0.2	0.1	-0.1s	
Alcohol																									
Daily ⁿ	5.7	5.6	6.1	5.7	6.9	6.0	6.0	5.7	5.5	4.8	5.0	4.8	4.8	4.2	4.2	3.7	3.6	3.4	2.5	—	—	—	—	—	
																			3.4	2.9	3.5	3.7	3.9	+0.2	
Been drunk daily ^l	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.9	0.8	0.9	1.2	1.3	1.6	2.0	+0.4	
5+ drinks in a row in last 2 weeks	36.8	37.1	39.4	40.3	41.2	41.2	41.4	40.5	40.8	38.7	36.7	36.8	37.5	34.7	33.0	32.2	29.8	27.9	27.5	28.2	29.8	30.2	31.3	+1.1	
Cigarettes																									
Daily	26.9	28.8	28.8	27.5	25.4	21.3	20.3	21.1	21.2	18.7	19.5	18.7	18.7	18.1	18.9	19.1	18.5	17.2	19.0	19.4	21.6	22.2	24.6	+2.4s	
Half-pack or more per day	17.9	19.2	19.4	18.8	16.5	14.3	13.5	14.2	13.8	12.3	12.5	11.4	11.4	10.6	11.2	11.3	10.7	10.0	10.9	11.2	12.4	13.0	14.3	+1.3	
Smokeless Tobacco ^{e,o}	—	—	—	—	—	—	—	—	—	—	—	4.7	5.1	4.3	3.3	—	—	4.3	3.3	3.9	3.6	3.3	4.4	+1.0	
Steroids ^l	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.1	0.2	0.1	0.1	0.1	0.4	0.2	0.3	0.3	0.0	

NOTES: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available. '*' indicates less than .05 percent.

Any apparent inconsistency between the change estimate and the prevalence estimates for the two most recent classes is due to rounding error.

See Table 3 for relevant footnotes.

Daily use is defined as use on twenty or more occasions in the past thirty days except for 5+ drinks, cigarettes, and smokeless tobacco, for which actual daily use is measured.

SOURCE: The Monitoring the Future Study, the University of Michigan.

TABLE 7
Trends in Harmfulness of Drugs as Perceived
by Eighth, Tenth, and Twelfth Graders, 1991-97

How much do you think people risk harming themselves (physically or in other ways), if they . . .	Percentage saying "great risk" ^a																							
	8th Grade								10th Grade								12th Grade							
	1991	1992	1993	1994	1995	1996	1997	'96-'97 change	1991	1992	1993	1994	1995	1996	1997	'96-'97 change	1991	1992	1993	1994	1995	1996	1997	'96-'97 change
Try marijuana once or twice	40.4	39.1	36.2	31.6	28.9	27.9	25.3	-2.6sss	30.0	31.9	29.7	24.4	21.5	20.0	18.8	-1.2	27.1	24.5	21.9	19.5	16.3	15.6	14.9	-0.7
Smoke marijuana occasionally	57.9	56.3	53.8	48.6	45.9	44.3	43.1	-1.2	48.6	48.9	46.1	38.9	35.4	32.8	31.9	-0.9	40.6	39.6	35.6	30.1	25.6	25.9	24.7	-1.2
Smoke marijuana regularly	83.8	82.0	79.6	74.3	73.0	70.9	72.7	+1.8	82.1	81.1	78.5	71.3	67.9	65.9	65.9	0.0	78.6	76.5	72.5	65.0	60.8	59.9	58.1	-1.8
Try inhalants once or twice ^b	35.9	37.0	36.5	37.9	36.4	40.8	40.1	-0.7	37.8	38.7	40.9	42.7	41.6	47.2	47.5	+0.3	—	—	—	—	—	—	—	—
Try inhalants regularly ^b	65.6	64.4	64.6	65.5	64.8	68.2	68.7	+0.5	69.8	67.9	69.6	71.5	71.8	75.8	74.5	-1.3	—	—	—	—	—	—	—	—
Take LSD once or twice ^c	—	—	42.1	38.3	36.7	36.5	37.0	+0.5	—	—	48.7	46.5	44.7	45.1	44.5	-0.6	46.6	42.3	39.5	38.8	36.4	36.2	34.7	-1.5
Take LSD regularly ^c	—	—	68.3	65.8	64.4	63.6	64.1	+0.5	—	—	78.9	75.9	75.5	75.3	73.8	-1.5	84.3	81.8	79.4	79.1	78.1	77.8	76.6	-1.2
Try crack once or twice ^b	62.8	61.2	57.2	54.4	50.8	51.0	49.9	-1.1	70.4	69.6	66.6	64.7	60.9	60.9	59.2	-1.7	60.6	62.4	57.6	58.4	54.6	56.0	54.0	-2.0
Take crack occasionally ^b	82.2	79.6	76.8	74.4	72.1	71.6	71.2	-0.4	87.4	86.4	84.4	83.1	81.2	80.3	78.7	-1.6	76.5	76.3	73.9	73.8	72.8	71.4	70.3	-1.1
Try cocaine powder once or twice ^b	55.5	54.1	50.7	48.4	44.9	45.2	45.0	-0.2	59.1	59.2	57.5	56.4	53.5	53.6	52.2	-1.4	53.6	57.1	53.2	55.4	52.0	53.2	51.4	-1.8
Take cocaine powder occasionally ^b	77.0	74.3	71.8	69.1	66.4	65.7	65.8	+0.1	82.2	80.1	79.1	77.8	75.6	75.0	73.9	-1.1	69.8	70.8	68.6	70.6	69.1	68.8	67.7	-1.1
Try heroin once or twice without using a needle ^c	—	—	—	—	60.1	61.3	63.0	+1.7	—	—	—	—	70.7	72.1	73.1	+1.0	—	—	—	—	55.6	58.6	60.5	+1.9
Take heroin occasionally without using a needle ^c	—	—	—	—	76.8	76.6	79.2	+2.6	—	—	—	—	85.1	85.8	86.5	+0.7	—	—	—	—	71.2	71.0	74.3	+3.3s
Try one or two drinks of an alcoholic beverage (beer, wine, liquor)	11.0	12.1	12.4	11.6	11.6	11.8	10.4	-1.4s	9.0	10.1	10.9	9.4	9.3	8.9	9.0	+0.1	9.1	8.6	8.2	7.6	5.9	7.3	6.7	-0.6
Take one or two drinks nearly every day	31.8	32.4	32.6	29.9	30.5	28.6	29.1	+0.5	36.1	36.8	35.9	32.5	31.7	31.2	31.8	+0.6	32.7	30.6	28.2	27.0	24.8	25.1	24.8	-0.3
Have five or more drinks once or twice each weekend	59.1	58.0	57.7	54.7	54.1	51.8	55.6	+3.8sss	54.7	55.9	54.9	52.9	52.0	50.9	51.8	+0.9	48.6	49.0	48.3	46.5	45.2	49.5	43.0	-6.5sss
Smoke one or more packs of cigarettes per day	51.6	50.8	52.7	50.8	49.8	50.4	52.6	+2.2	60.3	59.3	60.7	59.0	57.0	57.9	59.9	+2.0	69.4	69.2	69.5	67.6	65.6	68.2	68.7	+0.5
Use smokeless tobacco regularly	35.1	35.1	36.9	35.5	33.5	34.0	35.2	+1.2	40.3	39.6	44.2	42.2	38.2	41.0	42.2	+1.2	37.4	35.5	38.9	36.6	33.2	37.4	38.6	+1.2
Take steroids ^d	64.2	69.5	70.2	67.6	—	—	—	—	67.1	72.7	73.4	72.5	—	—	—	—	65.6	70.7	69.1	66.1	66.4	67.6	67.2	-0.4
Approx. N =	17437	18662	18366	17394	17501	17926	18765		14719	14808	15298	15880	17006	15670	15640		2549	2684	2759	2591	2603	2449	2579	

NOTES: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.

SOURCE: The Monitoring the Future Study, the University of Michigan.

^aAnswer alternatives were: (1) No risk, (2) Slight risk, (3) Moderate risk, (4) Great risk, (5) Can't say, drug unfamiliar.

^b8th and 10th grade: Data based in 1997 on two-thirds of N indicated due to changes in questionnaire forms.

^c8th and 10th grade: Data based on one of two forms in 1993-96; N is one-half of N indicated. Data based in 1997 on one-third of N indicated due to changes in questionnaire forms.

^d8th and 10th grade: Data based on two forms in 1991 and 1992. Data based on one of two forms in 1993 and 1994; N is one-half of N indicated.

TABLE 8

Long-Term Trends in Harmfulness of Drugs as Perceived by Twelfth Graders

How much do you think people
risk harming themselves
(physically or in other ways),
if they . . .

Percentage saying "great risk"^a

	Class of 1975	Class of 1976	Class of 1977	Class of 1978	Class of 1979	Class of 1980	Class of 1981	Class of 1982	Class of 1983	Class of 1984	Class of 1985	Class of 1986	Class of 1987	Class of 1988	Class of 1989	Class of 1990	Class of 1991	Class of 1992	Class of 1993	Class of 1994	Class of 1995	Class of 1996	Class of 1997	'96-'97 change
Try marijuana once or twice	15.1	11.4	9.5	8.1	9.4	10.0	13.0	11.5	12.7	14.7	14.8	15.1	18.4	19.0	23.6	23.1	27.1	24.5	21.9	19.5	16.3	15.6	14.9	-0.7
Smoke marijuana occasionally	18.1	15.0	13.4	12.4	13.5	14.7	19.1	18.3	20.6	22.6	24.5	25.0	30.4	31.7	36.5	36.9	40.6	39.6	35.6	30.1	25.6	25.9	24.7	-1.2
Smoke marijuana regularly	43.3	38.6	36.4	34.9	42.0	50.4	57.6	60.4	62.8	66.9	70.4	71.3	73.5	77.0	77.5	77.8	78.6	76.5	72.5	65.0	60.8	59.9	58.1	-1.8
Try LSD once or twice	49.4	45.7	43.2	42.7	41.6	43.9	45.5	44.9	44.7	45.4	43.5	42.0	44.9	45.7	46.0	44.7	46.6	42.3	39.5	38.8	36.4	36.2	34.7	-1.5
Take LSD regularly	81.4	80.8	79.1	81.1	82.4	83.0	83.5	83.5	83.2	83.8	82.9	82.6	83.8	84.2	84.3	84.5	84.3	81.8	79.4	79.1	78.1	77.8	76.6	-1.2
Try PCP once or twice	—	—	—	—	—	—	—	—	—	—	—	—	55.6	58.8	56.6	55.2	51.7	54.8	50.8	51.5	49.1	51.0	48.8	-2.2
Try MDMA once or twice	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	33.8	—
Try cocaine once or twice	42.6	39.1	35.6	33.2	31.5	31.3	32.1	32.8	33.0	35.7	34.0	33.5	47.9	51.2	54.9	59.4	59.4	56.8	57.6	57.2	53.7	54.2	53.6	-0.6
Take cocaine occasionally	—	—	—	—	—	—	—	—	—	—	—	54.2	66.8	69.2	71.8	73.9	75.5	75.1	73.3	73.7	70.8	72.1	72.4	+0.3
Take cocaine regularly	73.1	72.3	68.2	68.2	69.5	69.2	71.2	73.0	74.3	78.8	79.0	82.2	88.5	89.2	90.2	91.1	90.4	90.2	90.1	89.3	87.9	88.3	87.1	-1.2
Try crack once or twice	—	—	—	—	—	—	—	—	—	—	—	—	57.0	62.1	62.9	64.3	60.6	62.4	57.6	58.4	54.6	56.0	54.0	-2.0
Take crack occasionally	—	—	—	—	—	—	—	—	—	—	—	—	70.4	73.2	75.3	80.4	76.5	76.3	73.9	73.8	72.8	71.4	70.3	-1.1
Take crack regularly	—	—	—	—	—	—	—	—	—	—	—	—	84.6	84.8	85.6	91.6	90.1	89.3	87.5	89.6	88.6	88.0	86.2	-1.8
Try cocaine powder once or twice	—	—	—	—	—	—	—	—	—	—	—	—	45.3	51.7	53.8	53.9	53.6	57.1	53.2	55.4	52.0	53.2	51.4	-1.8
Take cocaine powder occasionally	—	—	—	—	—	—	—	—	—	—	—	—	56.8	61.9	65.8	71.1	69.8	70.8	68.6	70.6	69.1	68.8	67.7	-1.1
Take cocaine powder regularly	—	—	—	—	—	—	—	—	—	—	—	—	81.4	82.9	83.9	90.2	88.9	88.4	87.0	88.6	87.8	86.8	86.0	-0.8
Try heroin once or twice	60.1	58.9	55.8	52.9	50.4	52.1	52.9	51.1	50.8	49.8	47.3	45.8	53.6	54.0	53.8	55.4	55.2	50.9	50.7	52.8	50.9	52.5	56.7	+4.2s
Take heroin occasionally	75.6	75.6	71.9	71.4	70.9	70.9	72.2	69.8	71.8	70.7	69.8	68.2	74.6	73.8	75.5	76.6	74.9	74.2	72.0	72.1	71.0	74.8	76.3	+1.5
Take heroin regularly	87.2	88.6	86.1	86.6	87.5	86.2	87.5	86.0	86.1	87.2	86.0	87.1	88.7	88.8	89.5	90.2	89.6	89.2	88.3	88.0	87.2	89.5	88.9	-0.6
Try amphetamines once or twice	35.4	33.4	30.8	29.9	29.7	29.7	26.4	25.3	24.7	25.4	25.2	25.1	29.1	29.6	32.8	32.2	36.3	32.6	31.3	31.4	28.8	30.8	31.0	+0.2
Take amphetamines regularly	69.0	67.3	66.6	67.1	69.9	69.1	66.1	64.7	64.8	67.1	67.2	67.3	69.4	69.8	71.2	71.2	74.1	72.4	69.9	67.0	65.9	66.8	66.0	-0.8
Try crystal meth. (ice) once or twice	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	61.6	61.9	57.5	58.3	54.4	55.3	54.4	-0.9
Try barbiturates once or twice	34.8	32.5	31.2	31.3	30.7	30.9	28.4	27.5	27.0	27.4	26.1	25.4	30.9	29.7	32.2	32.4	35.1	32.2	29.2	29.9	26.3	29.1	26.9	-2.2
Take barbiturates regularly	69.1	67.7	68.6	68.4	71.6	72.2	69.9	67.6	67.7	68.5	68.3	67.2	69.4	69.6	70.5	70.2	70.5	70.2	66.1	63.3	61.6	60.4	56.8	-3.6s
Try one or two drinks of an alcoholic beverage (beer, wine, liquor)	5.3	4.8	4.1	3.4	4.1	3.8	4.6	3.5	4.2	4.6	5.0	4.6	6.2	6.0	6.0	8.3	9.1	8.6	8.2	7.6	5.9	7.3	6.7	-0.6
Take one or two drinks nearly every day	21.5	21.2	18.5	19.6	22.6	20.3	21.6	21.6	21.6	23.0	24.4	25.1	26.2	27.3	28.5	31.3	32.7	30.6	28.2	27.0	24.8	25.1	24.8	-0.3
Take four or five drinks nearly every day	63.5	61.0	62.9	63.1	66.2	65.7	64.5	65.5	66.8	68.4	69.8	66.5	69.7	68.5	69.8	70.9	69.5	70.5	67.8	66.2	62.8	65.6	63.0	-2.6
Have five or more drinks once or twice each weekend	37.8	37.0	34.7	34.5	34.9	35.9	36.3	36.0	38.6	41.7	43.0	39.1	41.9	42.6	44.0	47.1	48.6	49.0	48.3	46.5	45.2	49.5	43.0	-6.5sss
Smoke one or more packs of cigarettes per day	51.3	56.4	58.4	59.0	63.0	63.7	63.3	60.5	61.2	63.8	66.5	66.0	68.6	68.0	67.2	68.2	69.4	69.2	69.5	67.6	65.6	68.2	68.7	+0.5
Use smokeless tobacco regularly	—	—	—	—	—	—	—	—	—	—	—	25.8	30.0	33.2	32.9	34.2	37.4	35.5	38.9	36.6	33.2	37.4	38.6	+1.2
Take steroids	—	—	—	—	—	—	—	—	—	—	—	—	—	—	63.8	69.9	65.6	70.7	69.1	66.1	66.4	67.6	67.2	-0.4
Approx. N = 2804 2918 3052 3770 3250 3234 3604 3557 3305 3262 3250 3020 3315 3276 2796 2553 2549 2684 2759 2591 2603 2449 2579																								

NOTES: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.

SOURCE: The Monitoring the Future Study, the University of Michigan.

^aAnswer alternatives were: (1) No risk, (2) Slight risk, (3) Moderate risk, (4) Great risk, and (5) Can't say, drug unfamiliar.

TABLE 9
Trends in Disapproval of Drug Use
by Eighth, Tenth, and Twelfth Graders, 1991-97

Percent who "disapprove" or "strongly disapprove"^a

<i>Do you disapprove of people who . . .</i>	8th Grade								10th Grade								12th Grade ^b							
	1991	1992	1993	1994	1995	1996	1997	'96-'97 change	1991	1992	1993	1994	1995	1996	1997	'96-'97 change	1991	1992	1993	1994	1995	1996	1997	'96-'97 change
Try marijuana once or twice	84.6	82.1	79.2	72.9	70.7	67.5	67.6	+0.1	74.6	74.8	70.3	62.4	59.8	55.5	54.1	-1.4	68.7	69.9	63.3	57.6	56.7	52.5	51.0	-1.5
Smoke marijuana occasionally	89.5	88.1	85.7	80.9	79.7	76.5	78.1	+1.6s	83.7	83.6	79.4	72.3	70.0	66.9	66.2	-0.7	79.4	79.7	75.5	68.9	66.7	62.9	63.2	+0.3
Smoke marijuana regularly	92.1	90.8	88.9	85.3	85.1	82.8	84.6	+1.8s	90.4	90.0	87.4	82.2	81.1	79.7	79.7	0.0	89.3	90.1	87.6	82.3	81.9	80.0	78.8	-1.2
Try inhalants once or twice ^c	84.9	84.0	82.5	81.6	81.8	82.9	84.1	+1.2	85.2	85.6	84.8	84.9	84.5	86.0	86.9	+0.9	—	—	—	—	—	—	—	—
Take inhalants regularly ^c	90.6	90.0	88.9	88.1	88.8	89.3	90.3	+1.0	91.0	91.5	90.9	91.0	90.9	91.7	91.7	0.0	—	—	—	—	—	—	—	—
Try LSD once or twice ^d	—	—	77.1	75.2	71.6	70.9	72.1	+1.2	—	—	82.1	79.3	77.9	76.8	76.6	-0.2	90.1	88.1	85.9	82.5	81.1	79.6	80.5	+0.9
Take LSD regularly ^d	—	—	79.8	78.4	75.8	75.3	76.3	+1.0	—	—	86.8	85.6	84.8	84.5	83.4	-1.1	96.4	95.5	95.8	94.3	92.5	93.2	92.9	-0.3
Try crack once or twice ^c	91.7	90.7	89.1	86.9	85.9	85.0	85.7	+0.7	92.5	92.5	91.4	89.9	88.7	88.2	87.4	-0.8	92.1	93.1	89.9	89.5	91.4	87.4	87.0	-0.4
Take crack occasionally ^c	93.3	92.5	91.7	89.9	89.8	89.3	90.3	+1.0	94.3	94.4	93.6	92.5	91.7	91.9	91.0	-0.9	94.2	95.0	92.8	92.8	94.0	91.2	91.3	+0.1
Try cocaine powder once or twice ^c	91.2	89.6	88.5	86.1	85.3	83.9	85.1	+1.2	90.8	91.1	90.0	88.1	86.8	86.1	85.1	-1.0	88.0	89.4	86.6	87.1	88.3	83.1	83.0	-0.1
Take cocaine powder occasionally ^c	93.1	92.4	91.6	89.7	89.7	88.7	90.1	+1.4s	94.0	94.0	93.2	92.1	91.4	91.1	90.4	-0.7	93.0	93.4	91.2	91.0	92.7	89.7	89.3	-0.4
Try heroin once or twice without using a needle ^d	—	—	—	—	85.8	85.0	87.7	+2.7ss	—	—	—	—	89.7	89.5	89.1	-0.4	—	—	—	—	92.9	90.8	92.3	+1.5
Take heroin occasionally without using a needle ^d	—	—	—	—	88.5	87.7	90.1	+2.4ss	—	—	—	—	91.6	91.7	91.4	-0.3	—	—	—	—	94.7	93.2	94.4	+1.2
Try one or two drinks of an alcoholic beverage (beer, wine, liquor)	51.7	52.2	50.9	47.8	48.0	45.5	45.7	+0.2	37.6	39.9	38.5	36.5	36.1	34.2	33.7	-0.5	29.8	33.0	30.1	28.4	27.3	26.5	26.1	-0.4
Take one or two drinks nearly every day	82.2	81.0	79.6	76.7	75.9	74.1	76.6	+2.5ss	81.7	81.7	78.6	75.2	75.4	73.8	75.4	+1.6	76.5	75.9	77.8	73.1	73.3	70.8	70.0	-0.8
Have five or more drinks once or twice each weekend	85.2	83.9	83.3	80.7	80.7	79.1	81.3	+2.2ss	76.7	77.6	74.7	72.3	72.2	70.7	70.2	-0.5	67.4	70.7	70.1	65.1	66.7	64.7	65.0	+0.3
Smoke one or more packs of cigarettes per day	82.8	82.3	80.6	78.4	78.6	77.3	80.3	+3.0sss	79.4	77.8	76.5	73.9	73.2	71.6	73.8	+2.2s	71.4	73.5	70.6	69.8	68.2	67.2	67.1	-0.1
Use smokeless tobacco regularly	79.1	77.2	77.1	75.1	74.0	74.1	76.5	+2.4ss	75.4	74.6	73.8	71.2	71.0	71.0	72.3	+1.3	—	—	—	—	—	—	—	—
Take steroids ^e	89.8	90.3	89.9	87.9	—	—	—	—	90.0	91.0	91.2	90.8	—	—	—	—	90.5	92.1	92.1	91.9	91.0	91.7	91.4	-0.3
<i>Approx. N = 17390 18503 18435 17429 17560 17998 18765</i>									<i>14750 14774 15334 15891 17016 15686 15627</i>								<i>2547 2645 2723 2588 2603 2399 2601</i>							

NOTES: Level of significance of difference between the two most recent classes: s =.05, ss =.01, sss =.001. '—' indicates data not available.

SOURCE: The Monitoring the Future Study, the University of Michigan.

^aAnswer alternatives were: (1) Don't disapprove, (2) Disapprove, (3) Strongly disapprove. For 8th and 10th grades, there was another category—"Can't say, drug unfamiliar"—which was included in the calculation of these percentages.

^bThe twelfth grade questions ask about people who are 18 or older.

^c8th and 10th grade: Data based in 1997 on two-thirds of N indicated due to changes in questionnaire forms.

^d8th and 10th grade: Data based on one of two forms in 1993-96; N is one-half of N indicated. Data based in 1997 on one-third of N indicated due to changes in questionnaire forms.

^e8th and 10th grade: Data based on two forms in 1991 and 1992 and on one of two forms in 1993 and 1994; N is one-half of N indicated.

TABLE 10
Long-Term Trends in Disapproval of Drug Use by Twelfth Graders

<i>Do you disapprove of people (who are 18 or older) doing each of the following?^b</i>	Percentage "disapproving" ^a																							
	Class of 1975	Class of 1976	Class of 1977	Class of 1978	Class of 1979	Class of 1980	Class of 1981	Class of 1982	Class of 1983	Class of 1984	Class of 1985	Class of 1986	Class of 1987	Class of 1988	Class of 1989	Class of 1990	Class of 1991	Class of 1992	Class of 1993	Class of 1994	Class of 1995	Class of 1996	Class of 1997	'96-'97 change
Try marijuana once or twice	47.0	38.4	33.4	33.4	34.2	39.0	40.0	45.5	46.3	49.3	51.4	54.6	56.6	60.8	64.6	67.8	68.7	69.9	63.3	57.6	56.7	52.5	51.0	-1.5
Smoke marijuana occasionally	54.8	47.8	44.3	43.5	45.3	49.7	52.6	59.1	60.7	63.5	65.8	69.0	71.6	74.0	77.2	80.5	79.4	79.7	75.5	68.9	66.7	62.9	63.2	+0.3
Smoke marijuana regularly	71.9	69.5	65.5	67.5	69.2	74.6	77.4	80.6	82.5	84.7	85.5	86.6	89.2	89.3	89.8	91.0	89.3	90.1	87.6	82.3	81.9	80.0	78.8	-1.2
Try LSD once or twice	82.8	84.6	83.9	85.4	86.6	87.3	86.4	88.8	89.1	88.9	89.5	89.2	91.6	89.8	89.7	89.8	90.1	88.1	85.9	82.5	81.1	79.6	80.5	+0.9
Take LSD regularly	94.1	95.3	95.8	96.4	96.9	96.7	96.8	96.7	97.0	96.8	97.0	96.6	97.8	96.4	96.4	96.3	96.4	95.5	95.8	94.3	92.5	93.2	92.9	-0.3
Try MDMA once or twice	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	82.2	—
Try cocaine once or twice	81.3	82.4	79.1	77.0	74.7	76.3	74.6	76.6	77.0	79.7	79.3	80.2	87.3	89.1	90.5	91.5	93.6	93.0	92.7	91.6	90.3	90.0	88.0	-2.0
Take cocaine regularly	93.3	93.9	92.1	91.9	90.8	91.1	90.7	91.5	93.2	94.5	93.8	94.3	96.7	96.2	96.4	96.7	97.3	96.9	97.5	96.6	96.1	95.6	96.0	+0.4
Try crack once or twice	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	92.3	92.1	93.1	89.9	89.5	91.4	87.4	87.0	-0.4
Take crack occasionally	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	94.3	94.2	95.0	92.8	92.8	94.0	91.2	91.3	+0.1
Take crack regularly	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	94.9	95.0	95.5	93.4	93.1	94.1	93.0	92.3	-0.7
Try coke powder once or twice	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	87.9	88.0	89.4	86.6	87.1	88.3	83.1	83.0	-0.1
Take coke powder occasionally	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	92.1	93.0	93.4	91.2	91.0	92.7	89.7	89.3	-0.4
Take coke powder regularly	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	93.7	94.4	94.3	93.0	92.5	93.8	92.9	91.5	-1.4
Try heroin once or twice	91.5	92.6	92.5	92.0	93.4	93.5	93.5	94.6	94.3	94.0	94.0	93.3	96.2	95.0	95.4	95.1	96.0	94.9	94.4	93.2	92.8	92.1	92.3	+0.2
Take heroin occasionally	94.8	96.0	96.0	96.4	96.8	96.7	97.2	96.9	96.9	97.1	96.8	96.6	97.9	96.9	97.2	96.7	97.3	96.8	97.0	96.2	95.7	95.0	95.4	+0.4
Take heroin regularly	96.7	97.5	97.2	97.8	97.9	97.6	97.8	97.5	97.7	98.0	97.6	97.6	98.1	97.2	97.4	97.5	97.8	97.2	97.5	97.1	96.4	96.3	96.4	+0.1
Try amphetamines once or twice	74.8	75.1	74.2	74.8	75.1	75.4	71.1	72.6	72.3	72.8	74.9	76.5	80.7	82.5	83.3	85.3	86.5	86.9	84.2	81.3	82.2	79.9	81.3	+1.4
Take amphetamines regularly	92.1	92.8	92.5	93.5	94.4	93.0	91.7	92.0	92.6	93.6	93.3	93.5	95.4	94.2	94.2	95.5	96.0	95.6	96.0	94.1	94.3	93.5	94.3	+0.8
Try barbiturates once or twice	77.7	81.3	81.1	82.4	84.0	83.9	82.4	84.4	83.1	84.1	84.9	86.8	89.6	89.4	89.3	90.5	90.6	90.3	89.7	87.5	87.3	84.9	86.4	+1.5
Take barbiturates regularly	93.3	93.6	93.0	94.3	95.2	95.4	94.2	94.4	95.1	95.1	95.5	94.9	96.4	95.3	95.3	96.4	97.1	96.5	97.0	96.1	95.2	94.8	95.3	+0.5
Try one or two drinks of an alcoholic beverage (beer, wine, liquor)	21.6	18.2	15.6	15.6	15.8	16.0	17.2	18.2	18.4	17.4	20.3	20.9	21.4	22.6	27.3	29.4	29.8	33.0	30.1	28.4	27.3	26.5	26.1	-0.4
Take one or two drinks nearly every day	67.6	68.9	66.8	67.7	68.3	69.0	69.1	69.9	68.9	72.9	70.9	72.8	74.2	75.0	76.5	77.9	76.5	75.9	77.8	73.1	73.3	70.8	70.0	-0.8
Take four or five drinks nearly every day	88.7	90.7	88.4	90.2	91.7	90.8	91.8	90.9	90.0	91.0	92.0	91.4	92.2	92.8	91.6	91.9	90.6	90.8	90.6	89.8	88.8	89.4	88.6	-0.8
Have five or more drinks once or twice each weekend	60.3	58.6	57.4	56.2	56.7	55.6	55.5	58.8	56.6	59.6	60.4	62.4	62.0	65.3	66.5	68.9	67.4	70.7	70.1	65.1	66.7	64.7	65.0	+0.3
Smoke one or more packs of cigarettes per day	67.5	65.9	66.4	67.0	70.3	70.8	69.9	69.4	70.8	73.0	72.3	75.4	74.3	73.1	72.4	72.8	71.4	73.5	70.6	69.8	68.2	67.2	67.1	-0.1
Take steroids	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	90.8	90.5	92.1	92.1	91.9	91.0	91.7	91.4	-0.3
<i>Approx. N = 2677 2957 3085 3686 3221 3261 3610 3651 3341 3254 3265 3113 3302 3311 2799 2566 2547 2645 2723 2588 2603 2399 2601</i>																								

NOTES: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.

SOURCE: The Monitoring the Future Study, the University of Michigan.

^aAnswer alternatives were: (1) Don't disapprove, (2) Disapprove, and (3) Strongly disapprove. Percentages are shown for categories (2) and (3) combined.

^bThe 1975 question asked about people who are "20 or older."

TABLE 11

**Trends in Perceived Availability of Drugs
Eighth, Tenth, and Twelfth Graders, 1992-97**

<i>How difficult do you think it would be for you to get each of the following types of drugs, if you wanted some?</i>	Percent saying "fairly easy" or "very easy" to get ^a																				
	8th Grade							10th Grade							12th Grade						
	1992	1993	1994	1995	1996	1997	'96-'97 change	1992	1993	1994	1995	1996	1997	'96-'97 change	1992	1993	1994	1995	1996	1997	'96-'97 change
Marijuana	42.3	43.8	49.9	52.4	54.8	54.2	-0.6	65.2	68.4	75.0	78.1	81.1	80.5	-0.6	82.7	83.0	85.5	88.5	88.7	89.6	+0.9
LSD	21.5	21.8	21.8	23.5	23.6	22.7	-0.9	33.6	35.8	36.1	39.8	41.0	38.3	-2.7ss	44.5	49.2	50.8	53.8	51.3	50.7	-0.6
PCP ^b	18.0	18.5	17.7	19.0	19.6	19.2	-0.4	23.7	23.4	23.8	24.7	26.8	24.8	-2.0	31.7	31.7	31.4	31.0	30.5	30.0	-0.5
Crack	25.6	25.9	26.9	28.7	27.9	27.5	-0.4	33.7	33.0	34.2	34.6	36.4	36.0	-0.4	43.5	43.6	40.5	41.9	40.7	40.6	-0.1
Cocaine Powder	25.7	25.9	26.4	27.8	27.2	26.9	-0.3	35.0	34.1	34.5	35.3	36.9	37.1	+0.2	48.0	45.4	43.7	43.8	44.4	43.3	-1.1
Heroin	19.7	19.8	19.4	21.1	20.6	19.8	-0.8	24.3	24.3	24.7	24.6	24.8	24.4	-0.4	34.9	33.7	34.1	35.1	32.2	33.8	+1.6
Other Opiates ^b	19.8	19.0	18.3	20.3	20.0	20.6	+0.6	26.9	24.9	26.9	27.8	29.4	29.0	-0.4	37.1	37.5	38.0	39.8	40.0	38.9	-1.1
Amphetamines	32.2	31.4	31.0	33.4	32.6	30.6	-2.0s	43.4	46.4	46.6	47.7	47.2	44.6	-2.6ss	58.8	61.5	62.0	62.8	59.4	59.8	+0.4
Crystal Meth. (Ice) ^b	16.0	15.1	14.1	16.0	16.3	15.7	-0.6	18.8	16.4	17.8	20.7	22.6	22.9	+0.3	26.0	26.6	25.6	27.0	26.9	27.6	+0.7
Barbiturates	27.4	26.1	25.3	26.5	25.6	24.4	-1.2	38.0	38.8	38.3	38.8	38.1	35.6	-2.5ss	44.0	44.5	43.3	42.3	41.4	40.0	-1.4
Tranquilizers	22.9	21.4	20.4	21.3	20.4	19.6	-0.8	31.6	30.5	29.8	30.6	30.3	28.7	-1.6	40.9	41.1	39.2	37.8	36.0	35.4	-0.6
Alcohol	76.2	73.9	74.5	74.9	75.3	74.9	-0.4	88.6	88.9	89.8	89.7	90.4	89.0	-1.4ss	—	—	—	—	—	—	—
Cigarettes	77.8	75.5	76.1	76.4	76.9	76.0	-0.9	89.1	89.4	90.3	90.7	91.3	89.6	-1.7sss	—	—	—	—	—	—	—
Steroids	24.0	22.7	23.1	23.8	24.1	23.6	-0.5	37.6	33.6	33.6	34.8	34.8	34.2	-0.6	46.8	44.8	42.9	45.5	40.3	41.7	+1.4
Approx. N =	8355	16775	16119	15496	16318	16482		7014	14652	15192	16209	14887	14856		2586	2670	2526	2552	2340	2517	

NOTES: Level of significance of difference between the two years: s =.05, ss =.01, sss =.001. '—' indicates data not available.

SOURCE: The Monitoring the Future Study, the University of Michigan.

^aAnswer alternatives were: (1) Probably impossible, (2) Very difficult, (3) Fairly difficult, (4) Fairly easy, (5) Very easy. For 8th and 10th grades, there was another category—"Can't say, drug unfamiliar"—which was included in the calculation of these percentages.

^b8th and 10th grade only: Data based on one of two forms; N is one-half of N indicated in 1993-97.

TABLE 12

Long-Term Trends in Perceived Availability of Drugs, Twelfth Graders

<i>How difficult do you think it would be for you to get each of the following types of drugs, if you wanted some?</i>	Percent saying "fairly easy" or "very easy" to get ^a																							'96-'97 change
	Class of 1975	Class of 1976	Class of 1977	Class of 1978	Class of 1979	Class of 1980	Class of 1981	Class of 1982	Class of 1983	Class of 1984	Class of 1985	Class of 1986	Class of 1987	Class of 1988	Class of 1989	Class of 1990	Class of 1991	Class of 1992	Class of 1993	Class of 1994	Class of 1995	Class of 1996	Class of 1997	
Marijuana	87.8	87.4	87.9	87.8	90.1	89.0	89.2	88.5	86.2	84.6	85.5	85.2	84.8	85.0	84.3	84.4	83.3	82.7	83.0	85.5	88.5	88.7	89.6	+0.9
Amyl/Butyl Nitrites	—	—	—	—	—	—	—	—	—	—	—	—	23.9	25.9	26.8	24.4	22.7	25.9	25.9	26.7	26.0	23.9	23.8	-0.1
LSD	46.2	37.4	34.5	32.2	34.2	35.3	35.0	34.2	30.9	30.6	30.5	28.5	31.4	33.3	38.3	40.7	39.5	44.5	49.2	50.8	53.8	51.3	50.7	-0.6
Some other psychedelic	47.8	35.7	33.8	33.8	34.6	35.0	32.7	30.6	26.6	26.6	26.1	24.9	25.0	26.2	28.2	28.3	28.0	29.9	33.5	33.8	35.8	33.9	33.9	0.0
PCP	—	—	—	—	—	—	—	—	—	—	—	—	22.8	24.9	28.9	27.7	27.6	31.7	31.7	31.4	31.0	30.5	30.0	-0.5
MDMA (Ecstasy)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	21.7	22.0	22.1	24.2	28.1	31.2	34.2	36.9	38.8	+1.9
Cocaine	37.0	34.0	33.0	37.8	45.5	47.9	47.5	47.4	43.1	45.0	48.9	51.5	54.2	55.0	58.7	54.5	51.0	52.7	48.5	46.6	47.7	48.1	48.5	+0.4
Crack	—	—	—	—	—	—	—	—	—	—	—	—	41.1	42.1	47.0	42.4	39.9	43.5	43.6	40.5	41.9	40.7	40.6	-0.1
Cocaine powder	—	—	—	—	—	—	—	—	—	—	—	—	52.9	50.3	53.7	49.0	46.0	48.0	45.4	43.7	43.8	44.4	43.3	-1.1
Heroin	24.2	18.4	17.9	16.4	18.9	21.2	19.2	20.8	19.3	19.9	21.0	22.0	23.7	28.0	31.4	31.9	30.6	34.9	33.7	34.1	35.1	32.2	33.8	+1.6
Some other narcotic (including methadone)	34.5	26.9	27.8	26.1	28.7	29.4	29.6	30.4	30.0	32.1	33.1	32.2	33.0	35.8	38.3	38.1	34.6	37.1	37.5	38.0	39.8	40.0	38.9	-1.1
Amphetamines	67.8	61.8	58.1	58.5	59.9	61.3	69.5	70.8	68.5	68.2	66.4	64.3	64.5	63.9	64.3	59.7	57.3	58.8	61.5	62.0	62.8	59.4	59.8	+0.4
Crystal meth. (ice)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	24.1	24.3	26.0	26.6	25.6	27.0	26.9	27.6	+0.7
Barbiturates	60.0	54.4	52.4	50.6	49.8	49.1	54.9	55.2	52.5	51.9	51.3	48.3	48.2	47.8	48.4	45.9	42.4	44.0	44.5	43.3	42.3	41.4	40.0	-1.4
Tranquilizers	71.8	65.5	64.9	64.3	61.4	59.1	60.8	58.9	55.3	54.5	54.7	51.2	48.6	49.1	45.3	44.7	40.8	40.9	41.1	39.2	37.8	36.0	35.4	-0.6
Steroids	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	46.7	46.8	44.8	42.9	45.5	40.3	41.7	+1.4
<i>Approx. N = 2627 2865 3065 3598 3172 3240 3578 3602 3385 3269 3274 3077 3271 3231 2806 2549 2476 2586 2670 2526 2552 2340 2517</i>																								

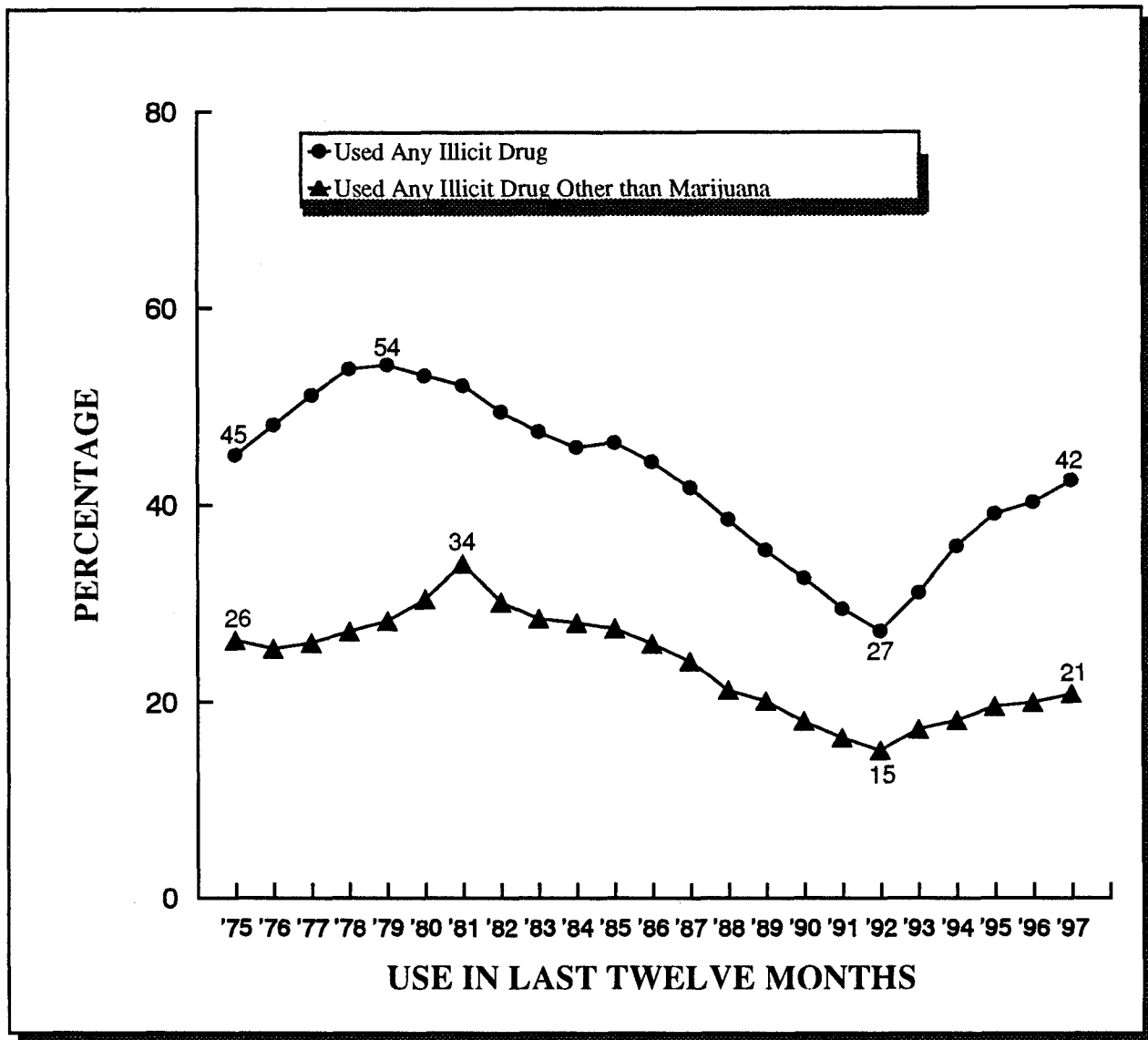
NOTES: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available.

SOURCE: The Monitoring the Future Study, the University of Michigan.

^aAnswer alternatives were: (1) Probably impossible, (2) Very difficult, (3) Fairly difficult, (4) Fairly easy, and (5) Very easy.

FIGURE 1

Trends in Annual Prevalence of an Illicit Drug Use Index for Twelfth Graders



NOTES: Use of "any illicit drug" includes any use of marijuana, LSD, other hallucinogens, crack, other cocaine, or heroin, or any use which is not under a doctor's orders of other opiates, stimulants, barbiturates, methaqualone (excluded since 1990), or tranquilizers.

Beginning in 1982 the question about stimulant use (i.e., amphetamines) was revised to get respondents to exclude the inappropriate reporting of non-prescription stimulants. The prevalence rate dropped slightly as a result of this methodological change.

FIGURE 2

**Marijuana: Trends in Perceived Availability,
Perceived Risk of Regular Use,
and Prevalence of Use in Past Thirty Days for Twelfth Graders**

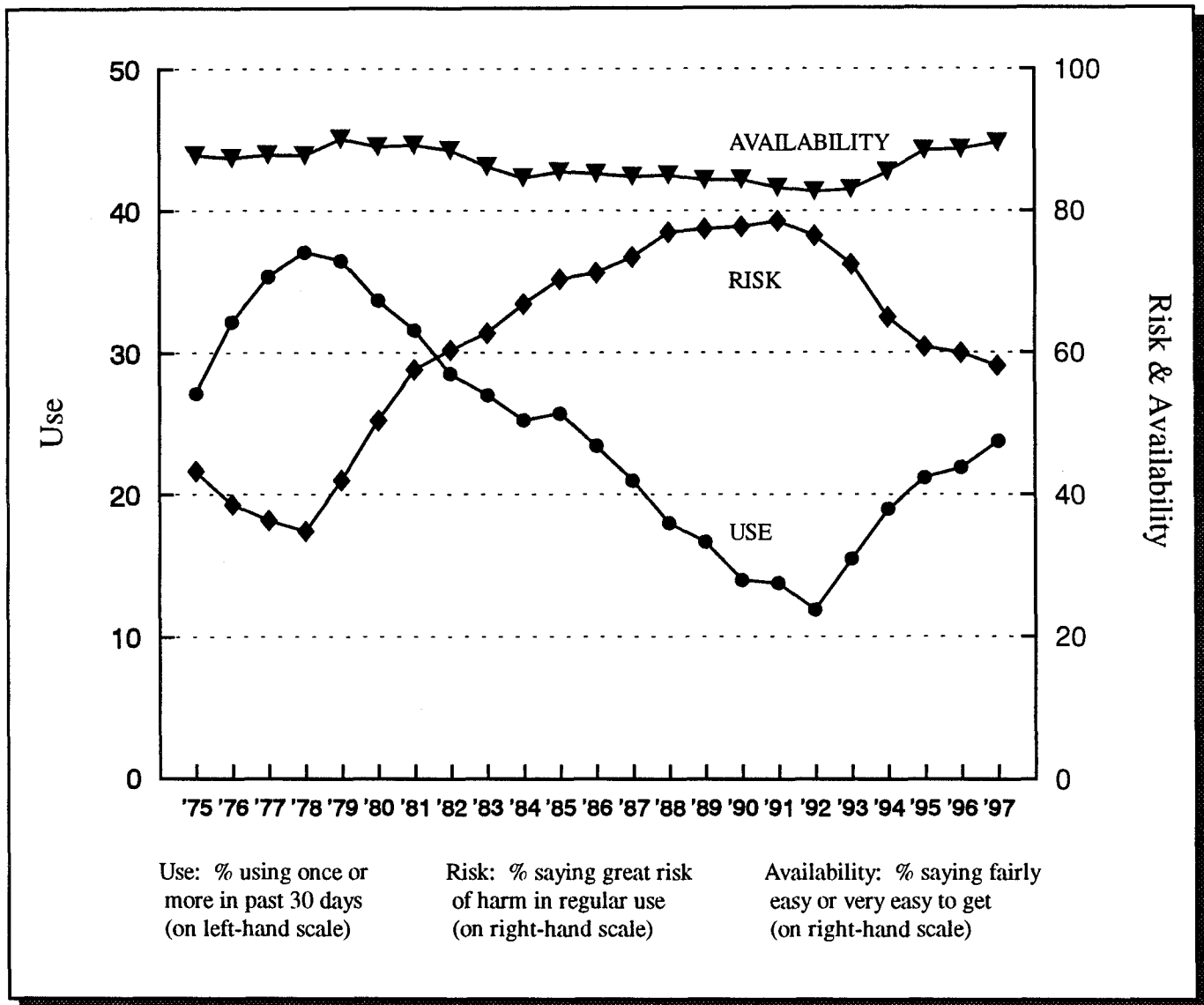
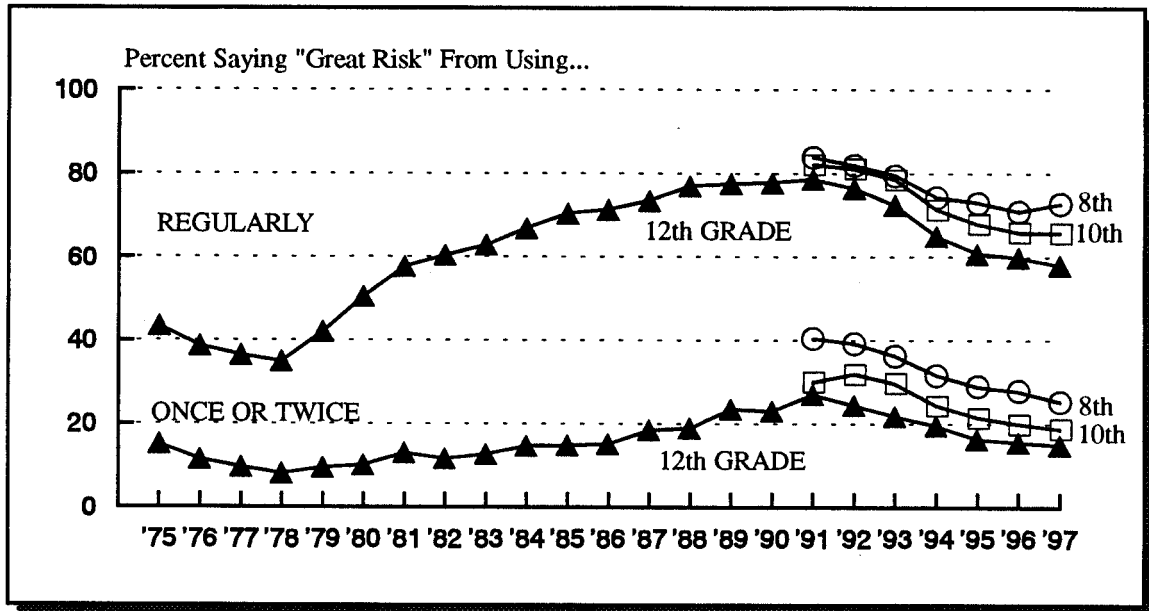
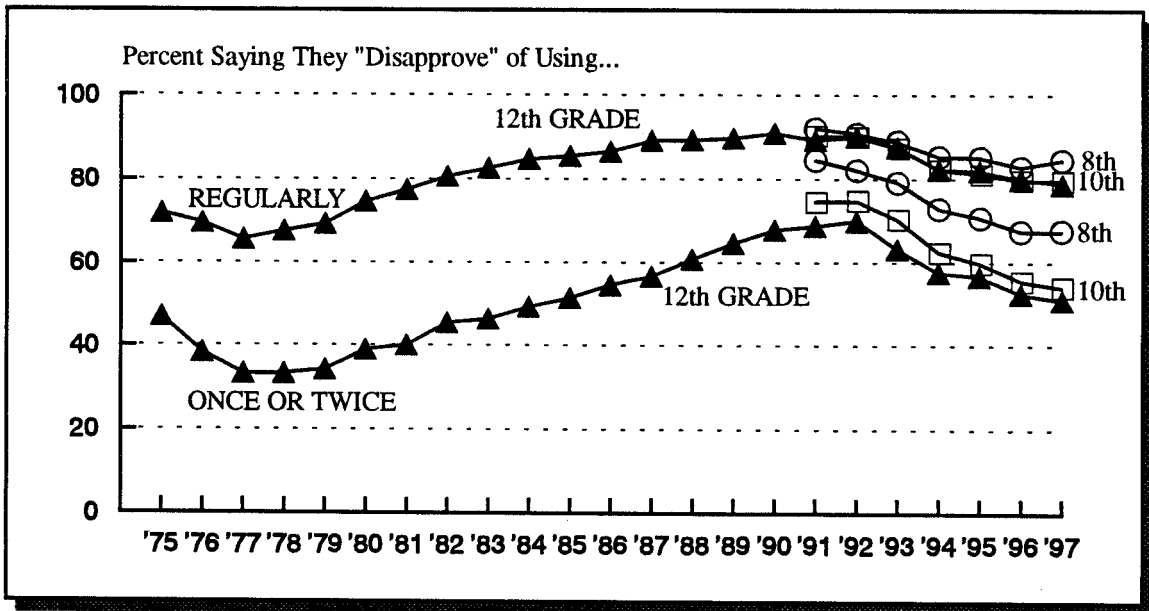


FIGURE 3

**Trends in Perceived Harmfulness and Disapproval of Marijuana Use
for Eighth, Tenth and Twelfth Graders**



Perceived Harmfulness



Disapproval

FIGURE 4

**Cocaine: Trends in Perceived Availability,
Perceived Risk of Trying,
and Prevalence of Use in Past Year for Twelfth Graders**

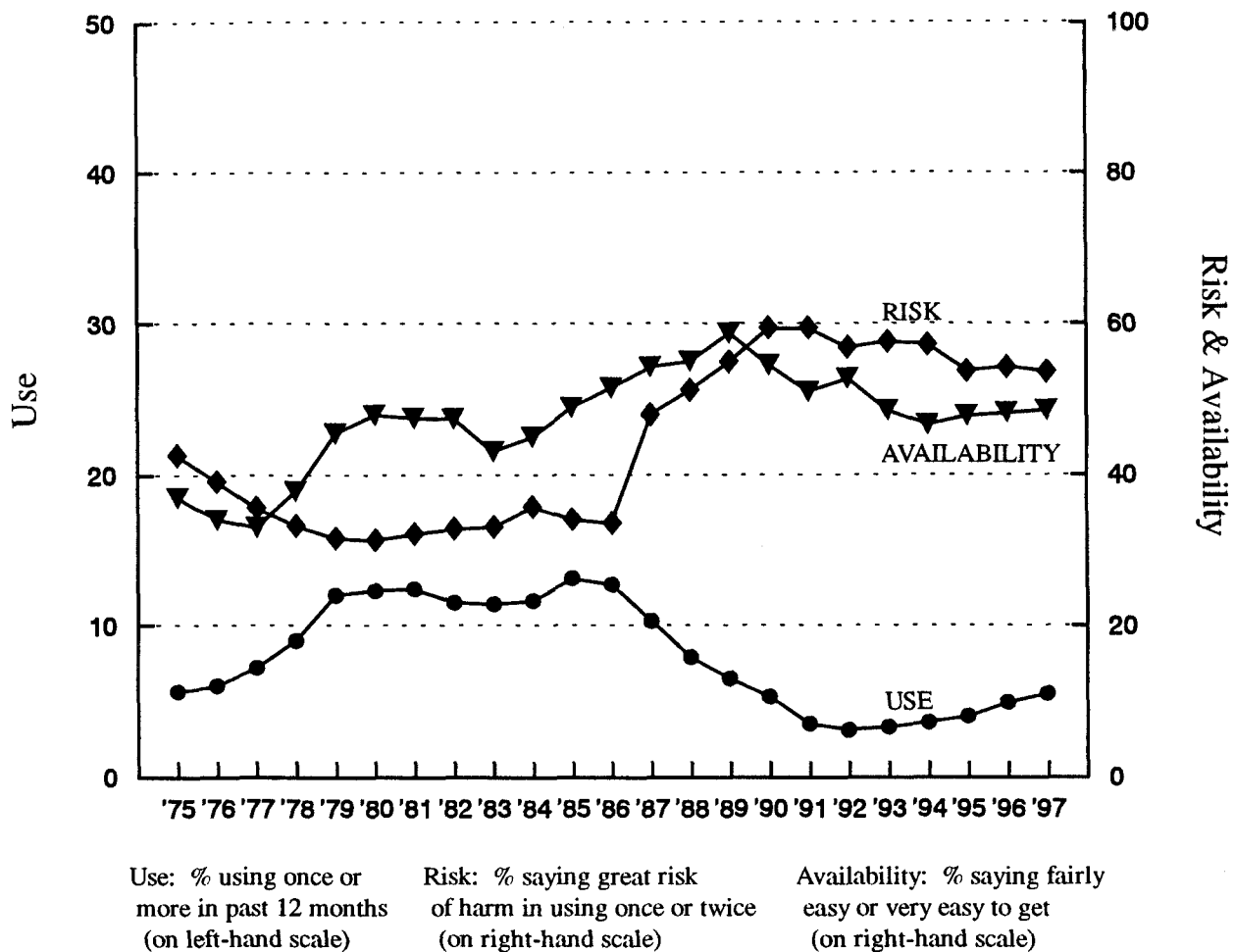
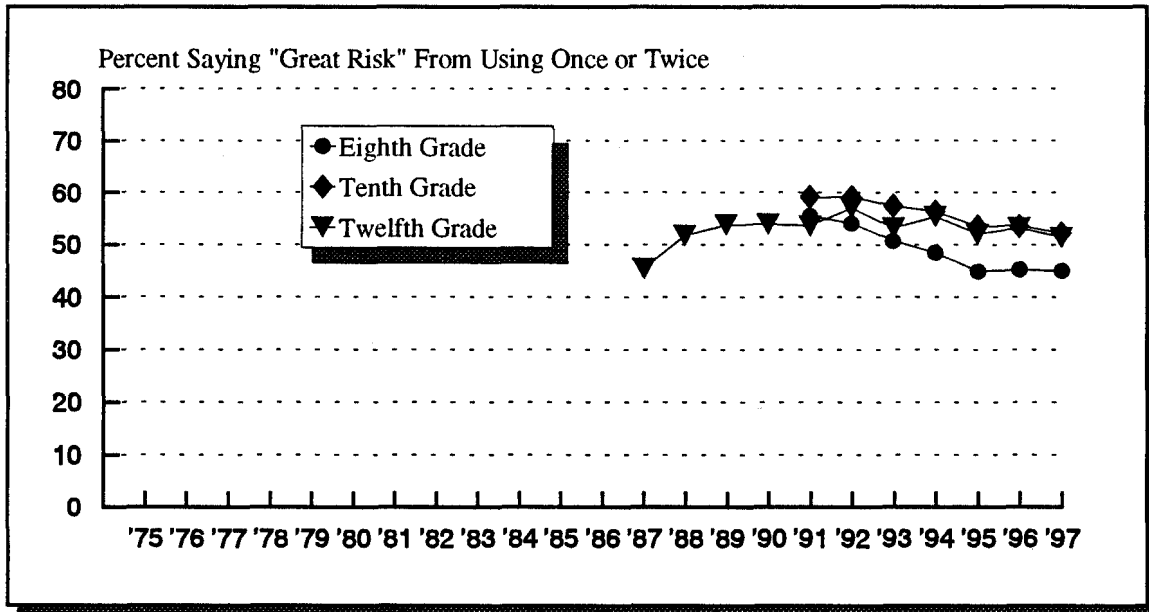
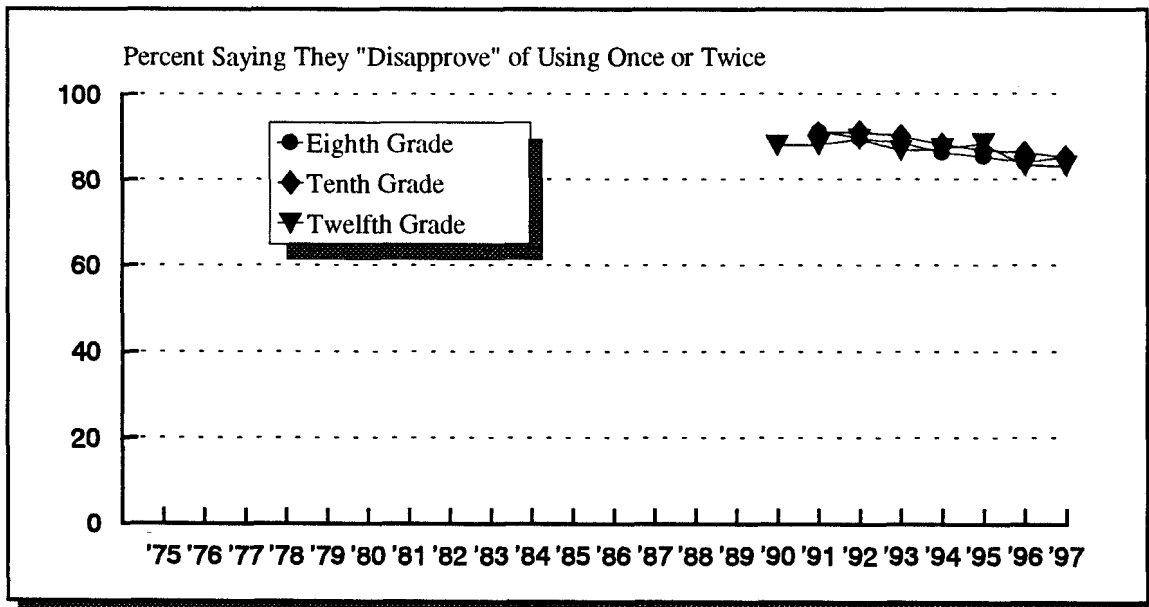


FIGURE 5

**Trends in Perceived Harmfulness and Disapproval
of Cocaine Powder Use for Eighth, Tenth, and Twelfth Graders**



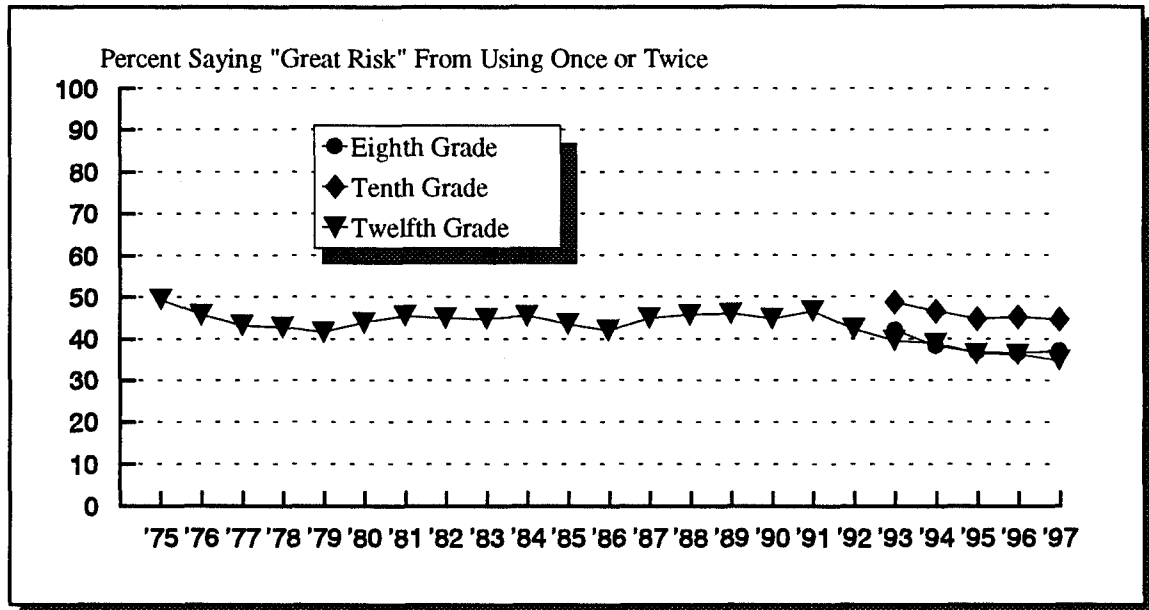
Perceived Harmfulness



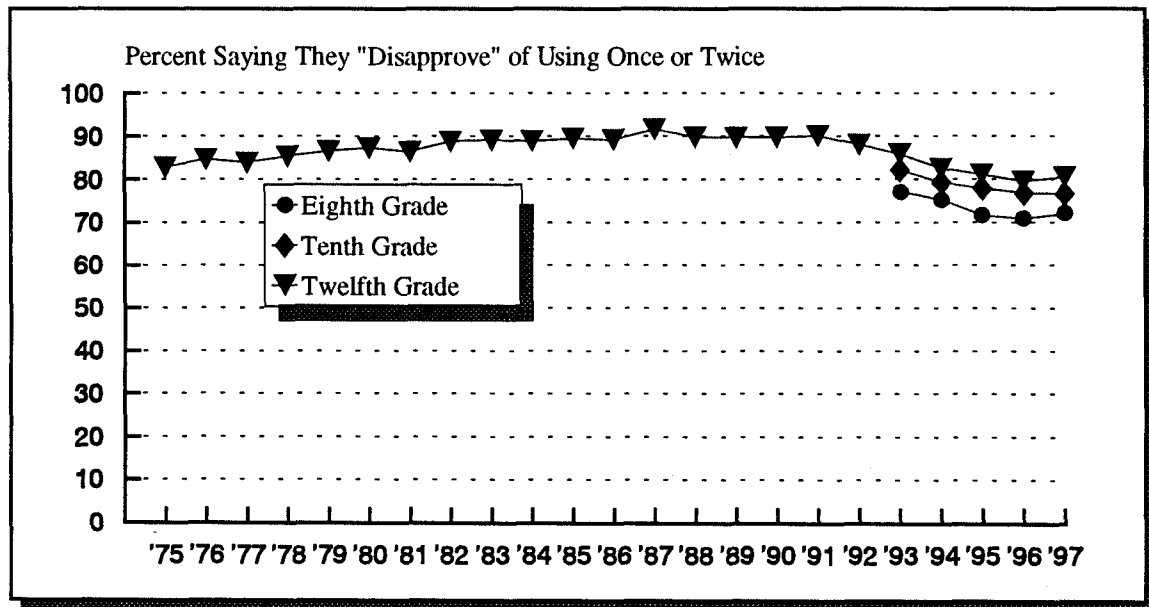
Disapproval

FIGURE 6

**Trends in Perceived Harmfulness and Disapproval
of LSD Use for Eighth, Tenth, and Twelfth Graders**



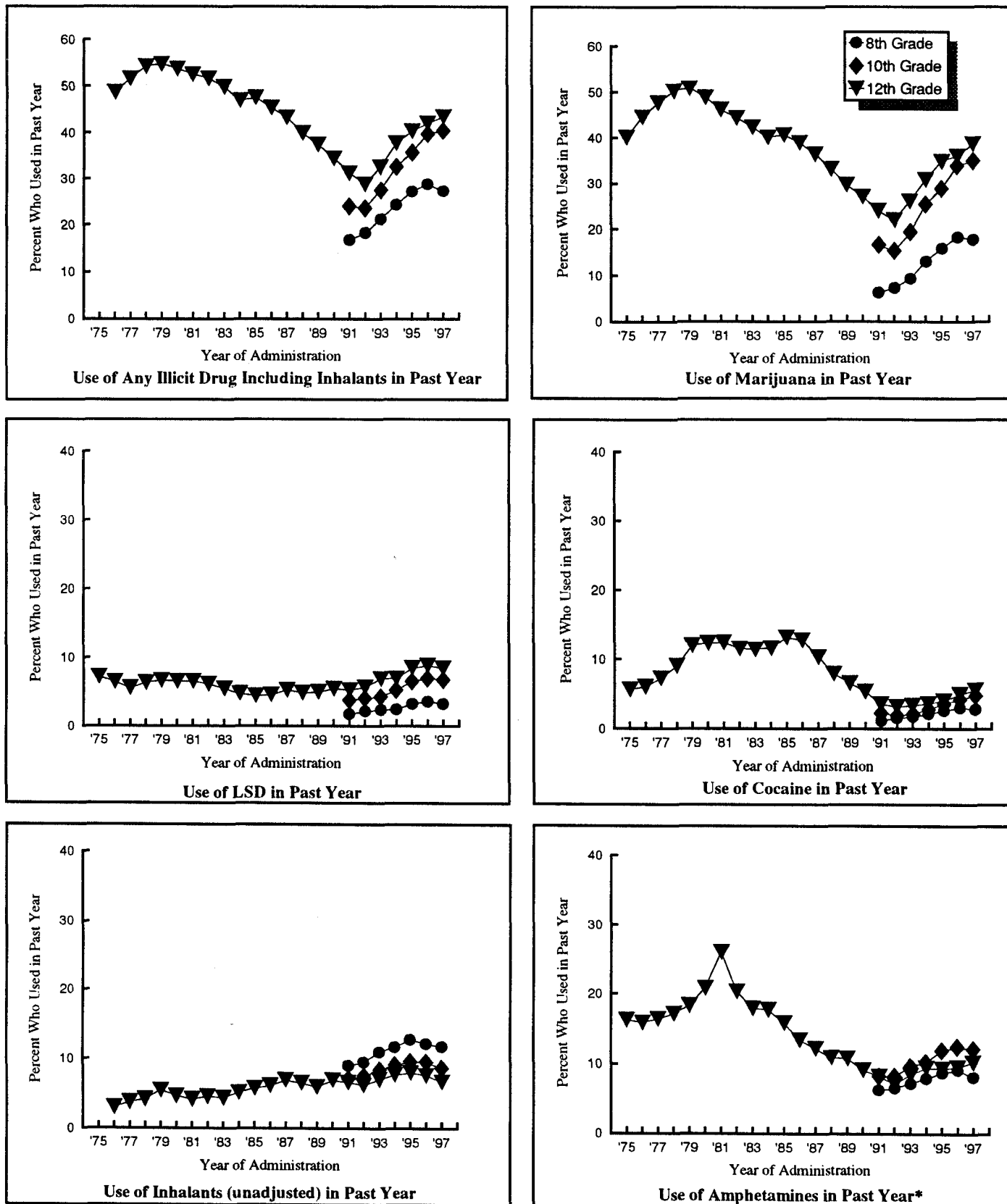
Perceived Harmfulness



Disapproval

FIGURE 7

Trends in Annual Use of Selected Drugs by Grade, 1975-1997



*Beginning in 1982, the question about stimulant use (i.e., amphetamines) was revised to get respondents to exclude the inappropriate reporting of non-prescription stimulants. The prevalence rate dropped slightly as a result of this methodological change.

FIGURE 8

Lifetime Use of Selected Drugs by Grade, 1997

