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The rise in drug use among American teens continues in 1996.

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EDITORS: Results of this survey will be released at a news conference on Dec. 19 in Washington, D.C. Among those participating in the release of results will be Secretary of Health and Human Services Donna E. Shalala, Director of the Office of National Drug Control Policy General Barry R. McCaffrey, Secretary of Transportation Frederico Pena, Secretary of Education Richard Riley, 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---According to the 22nd national survey in the ongoing Monitoring the Future Study, illicit drug use among American schoolchildren rose again in 1996.

The increase in the proportion of students using *any illicit drug* in the 12 months prior to the survey continued a steady increase which began in 1991 among eighth-graders and in 1992 among 10th- and 12th-graders. For eighth-graders, the proportion using any illicit drug in the prior 12 months has more than doubled since 1991 (from 11 percent to 24 percent), and since 1992 it has nearly doubled among 10th-graders (from 20 percent to 38 percent) and risen by about half among 12th-graders (from 27 percent to 40 percent). (The prevalence rates are higher with the inclusion of inhalant use.) (See Table 1.)

The Monitoring the Future Study is supported under a series of research grants from the National Institute on Drug Abuse and is carried out at the University of Michigan's Institute for Social Research. It began with a series of annual nationwide surveys of American high school seniors between 1975 and 1990. In 1991 nationally representative samples of eighth- and 10th-grade students were added to the study. Each

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annual survey since 1991 has been based on about 50,000 eighth-, 10th-, and 12th-grade students in approximately 424 public and private secondary schools nationwide. The authors of the forthcoming report of the 1996 results are social psychologists Lloyd Johnston, Patrick O'Malley, and Jerald Bachman.

Marijuana use accounted for much of the overall increase in illicit drug use, as it continued its strong resurgence. All measures of marijuana use showed an increase at all three grade levels in 1996. Among eighth-graders, annual prevalence (use in the prior 12 months) tripled from 6 percent in 1991 to 18 percent in 1996. Among 10th-graders, annual prevalence more than doubled from a low point in 1992 of 15 percent to 34 percent in 1996. Among 12th-graders it increased by nearly two-thirds, from a low point of 22 percent in 1992 to 36 percent in 1996. While the *rate* of increase in 1996 remained high in grades 8 and 10 in 1996, the rate may be decelerating at the 12th-grade level. (See Table 2 and Figure 7.)

Of particular concern, according to Johnston, is the continuing rise in *daily marijuana use*. Nearly one in 20 (4.9 percent) of today's high school seniors is a current daily marijuana user, and one in every 30 10th-graders (3.5 percent). While "only" 1.5 percent of eighth-graders use at that level, that still represents a near doubling of the rate in 1996 alone. (See Table 1.)

"Looking at the long-term data for high school seniors, we can see that marijuana use is still not up to the peak levels reached in the late 70s," notes Johnston. "In 1978, 50 percent of high school seniors had used marijuana in the prior 12 months, versus 36 percent of today's seniors; nearly 11 percent were active daily users then, versus about 5 percent today."

It is clear, however, that marijuana use has moved up sharply in the 90s. At the low point in 1992, only 22 percent said they had used marijuana in the prior 12 months (versus 36 percent in 1996) and only 2 percent were using it daily (versus about 5 percent

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today). Further, the proportional increases have been even greater for the younger children.

A number of the illicit drugs other than marijuana also continued longer-term increases into 1996, although in general their increases have been much more gradual.

The annual prevalence of *LSD* rose in all three grade levels in 1996, continuing longer-term increases which began at least as early as 1991. (In the 1996 survey the proportions reporting any *LSD* use in the prior 12 months were 4 percent, 7 percent, and 9 percent for eighth- 10th- and 12th-grades, respectively.) However, the 30-day prevalence rates, which tend to be more sensitive to very recent change, suggest that there may have been a recent turnaround in *LSD* use; the data show no change at the eighth-grade level and statistically significant declines in use among 10th- and 12th-grades. (See Table 1 and Figure 7.)

Hallucinogens other than LSD, taken as a class, continued gradual increases in 1996 at all three grade levels, though the annual prevalence rates are considerably lower than for *LSD*: 2 percent, 3 percent, and 4 percent, respectively. (See Table 1 and Figure 7.)

The use of *cocaine in any form* continued a gradual upward climb; however, most of the 1995 to 1996 changes do not reach statistical significance. *Crack cocaine* also continued a gradual upward climb among eighth- and 10th-graders, but not 12th-graders. The annual prevalence rates for use of cocaine in any form are 3 percent, 4 percent, and 5 percent for grades 8, 10, and 12, respectively, while for crack use specifically, they are 2 percent, 2 percent, and 2 percent. (See Table 1.)

Several other classes of illicit drugs also have shown very gradual increases since the early 1990s, including *tranquilizers* and two drug classes reported only for 12th-graders---*barbiturates* and *opiates other than heroin*. All three continued to increase very modestly in 1996, although few comparisons reached statistical significance for the one-year interval. (See Table 1.)

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The longer-term gradual rise in the use of *amphetamine stimulants* also continued at the eighth- and 10th-grade levels, but use has been fairly level among 12th-graders for two years now. Annual prevalence rates are 9 percent, 12 percent, and 10 percent for grades 8, 10, and 12, respectively. (See Table 1 and Figure 7.) However, two forms of *methamphetamine* have been on the increase over the past two years---crystal methamphetamine or "ice," which is usually burned in rock form with the fumes being inhaled, and MDMA, known more commonly as *ecstasy*.

Questions about the students' own use of MDMA (*ecstasy*) were added for the first time in the 1996 survey. They resulted in quite high levels of self-reported use, with nearly 5 percent of the 10th- and 12th-graders reporting some use in the prior 12 months, and about 2 percent of the eighth-graders. (Other sources have suggested that MDMA has been popular at raves and in the club scene.)

"The fact that there are other non-controlled substances which have adopted the *ecstasy* name---like *herbal ecstasy*---gives us some pause in reporting these findings," Johnston cautions. "While we ask specifically about MDMA, and note that it goes by the name of 'ecstasy,' some youngsters may be including these other substances in their answers; but even if they are, they are still trying to get a similar high."

Only the 12th-graders are asked about the use of ice, but since 1992 their annual prevalence rate has more than doubled, from 1.3 percent to 2.8 percent.

While the annual prevalence rates for *heroin* remain quite low in 1996 compared to most other drugs, they are nevertheless two to two and one-half times higher than they were a few years ago. Annual prevalence rates are 1.6 percent, 1.2 percent, and 1.0 percent in eighth-, 10th-, and 12th-grades, respectively. Use of heroin by means other than injection no doubt accounts for much of the increase in use. Use without a needle is now more prevalent at each grade level than use with a needle. "Many of these young people may be laboring under the dangerous misconception that they cannot become addicted to heroin if they use it in a non-injectable form," observes Johnston.

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"Unfortunately, they can." (See Table 1.)

Alcohol use among American secondary students generally has remained fairly stable in the past few years, though at rates which most adults would probably consider unacceptably high. This remains true in 1996. The measures of self-reported drunkenness and occasions of having five or more drinks in a row during the prior two weeks, however, have inched up by 2 to 4 percentage points at all three grade levels in recent years (though self-reported drunkenness actually declined some in 1996 among 12th-graders). In 1996 the proportions of students having five or more drinks in a row during the two weeks preceding the survey were 16 percent, 25 percent, and 30 percent for the eighth-, 10th-, and 12th-graders, respectively. (See Table 1.)

"One of the brighter parts of the story involves the use of *inhalants* by young people," notes Johnston. (Inhalants encompass a broad class of volatile substances such as glues, solvents, butane, and nitrous oxide. Their use tends to be highest among younger teens.) "After four years of steady increase in inhalant use by young people, we are seeing a leveling and perhaps the beginning of a reversal in 1996." The proportion of eighth-, 10th- and 12th-graders reporting any inhalant use in the prior 12 months is 12 percent, 10 percent, and 8 percent, respectively, in 1996. (See Table 1.)

"We believe we know something about why this turnaround has occurred," Johnston continues. "We are seeing in the 1996 results a sharp increase in the proportions of students indicating that they view inhalant use as dangerous. After this study called attention to the magnitude of the inhalant problem a few years ago, there were various efforts undertaken to educate youngsters to the dangers of this class of drugs, including a public service advertising initiative by the Partnership for a Drug Free America. The changes in students beliefs about the dangers of inhalant use suggest that the various efforts are working: disapproval of inhalant use has begun to rise." (See Table 6.)

Attitudes and Beliefs about Drugs

This research team has shown that, in general, when young people come to see a

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drug as more dangerous, or more disapproved by their peers, they are less likely to use it. The inhalant results, just mentioned, provide the most recent example; similar patterns were evident previously when marijuana use declined from the late 70s to the early 90s, and when cocaine use declined from the mid-80s to the early 90s. Then, in the early 90s, when perceived risk and peer disapproval began to *decline*, particularly for marijuana, the use of these drugs began to rise again. (See tables 6 and 7.)

In 1996 disapproval of *marijuana* use continued to decline sharply; but the perceived dangers, while continuing to decline, did so much more slowly than in the past few years. "We view this as an encouraging sign," comments Johnston. "Also encouraging is the fact that the decline in the degree of risk associated with the use of *crack* and *powder cocaine* appears to have ended at all grade levels. Although peer disapproval of the use of these drugs still is declining, particularly among the 12th-graders, I think there is a good chance that it, too, will stabilize next year, which could well translate into an end to the increase in cocaine use."

The 12th-graders are the only ones asked about the dangers they perceive to be associated with heroin use, and, as with the inhalants, there is a significant increase in perceived risk in 1996, perhaps presaging a halt in the gradual rise in heroin use, as well.

And, while both the risks perceived to be associated with *LSD* use and disapproval of use had been declining steadily in recent years, they showed little further decline in 1996 in any grade. (Recall that there are indications of a possible recent decline in *LSD* use.)

"For many of the illicit drugs there is encouragement in what we are seeing happen to key attitudes and beliefs, even if they have not translated yet into changed behavior," according to Johnston. "With marijuana, however, we are still in a period of sharp increase in use among the younger teens, and their attitudes and beliefs about the harmfulness of marijuana continue to migrate in the wrong direction."

The Causes of the Increase

"The erosion of peer norms against drug use, and the declines in the proportions of students who see them as dangerous, undoubtedly have several explanations," states Johnston. "Among the most likely, in my opinion, is the fact that this most recent crop of youngsters grew up in a period in which drug use rates were down substantially from what they had been 10 to 15

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years earlier. This gave youngsters less opportunity to learn from others' mistakes and resulted in what I call 'generational forgetting' of the hazards of drugs, as the process of generational replacement has taken place."

A second likely cause, according to the investigators, is that in recent years youngsters have heard less about the dangers of drugs from a number of sectors that have paid less attention to the issue, including parents, schools, and the media. Schools are receiving less federal funding for drug abuse prevention; parents appear to be talking less about drugs to their children, according to other surveys; media news coverage of the drug issues plummeted in the early 90s; and the placement of anti-drug public service ads by the media also declined appreciably. In sum, in the 90s, youngsters have been hearing fewer cautions about drugs from many key sectors of the society.

Further, as the investigators have noted before, a number of groups in the recording industry—particularly rap, grunge, and rock musicians—began to send pro-drug messages through their lyrics, album and song titles, and personal behavior on stage and off. Thus, in addition to hearing fewer cautions about drugs, young people increasingly have heard some people sing their praises.

Finally, the substantial increase in cigarette smoking by young people may be contributing to their progression into other drug use, according to the investigators, particularly their use of marijuana. "Learning to smoke cigarettes is excellent training for learning to smoke marijuana," notes Johnston, "and marijuana smoking is almost always preceded by smoking cigarettes."

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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 University of Michigan Survey Research Center. In 1996, the seniors comprised about 15,000 students in 139 public and private high schools nationwide, selected to be representative of all seniors in the continental United States. They completed self-administered questionnaires given to them in their 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 1996 eighth-grade sample contained about 18,000 students in 152 schools, and the 10th-grade sample contained about 16,000 students in 133 schools. In all, approximately 49,000 students in 435 public and private secondary schools were surveyed in 1996.

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TABLE 1

Trends in Prevalence of Use of Various Drugs for Eighth, Tenth, and Twelfth Graders with 5-Year Trends Noted

(Entries are percentages)

	Lifetime					Annual												30-Day						
	1991	1992	1993	1994	1995	1996	'95-'96 change	'91-'96 change	1991	1992	1993	1994	1995	1996	'95-'96 change	'91-'96 change	1991	1992	1993	1994	1995	1996	'95-'96 change	'91-'96 change
	1991	1992	1993	1994	1995	1996	'95-'96 change	'91-'96 change	1991	1992	1993	1994	1995	1996	'95-'96 change	'91-'96 change	1991	1992	1993	1994	1995	1996	'95-'96 change	'91-'96 change
Any Illicit Drug ^a	18.7	20.6	22.5	25.7	28.5	31.2	+2.7 ^{ss}	+12.5 ^{sss}	11.3	12.9	15.1	18.5	21.4	23.6	+2.2 ^{ss}	+12.3 ^{sss}	5.7	6.8	8.4	10.9	12.4	14.6	+2.2 ^{sss}	+8.9 ^{sss}
8th Grade	18.7	20.6	22.5	25.7	28.5	31.2	+2.7 ^{ss}	+12.5 ^{sss}	11.3	12.9	15.1	18.5	21.4	23.6	+2.2 ^{ss}	+12.3 ^{sss}	5.7	6.8	8.4	10.9	12.4	14.6	+2.2 ^{sss}	+8.9 ^{sss}
10th Grade	30.6	29.8	32.8	37.4	40.9	45.4	+4.5 ^{sss}	+14.8 ^{sss}	21.4	20.4	24.7	30.0	33.3	37.5	+4.2 ^{sss}	+16.1 ^{sss}	11.6	11.0	14.0	18.5	20.2	23.2	+3.0 ^{sss}	+11.6 ^{sss}
12th Grade	44.1	40.7	42.9	45.6	48.4	50.8	+2.4	+6.7 ^{sss}	29.4	27.1	31.0	35.8	39.0	40.2	+1.2	+10.8 ^{sss}	16.4	14.4	18.3	21.9	23.8	24.6	+0.8	+8.2 ^{sss}
Any Illicit Drug Other Than Marijuana ^a	14.3	15.6	16.8	17.5	18.8	19.2	+0.4	+4.9 ^{sss}	8.4	9.3	10.4	11.3	12.6	13.1	+0.5	+4.7 ^{sss}	3.8	4.7	5.3	5.6	6.5	6.9	+0.4	+3.1 ^{sss}
8th Grade	14.3	15.6	16.8	17.5	18.8	19.2	+0.4	+4.9 ^{sss}	8.4	9.3	10.4	11.3	12.6	13.1	+0.5	+4.7 ^{sss}	3.8	4.7	5.3	5.6	6.5	6.9	+0.4	+3.1 ^{sss}
10th Grade	19.1	19.2	20.9	21.7	24.3	25.5	+1.2	+6.4 ^{sss}	12.2	12.3	13.9	15.2	17.5	18.4	+0.9	+6.2 ^{sss}	5.5	5.7	6.5	7.1	8.9	8.9	0.0	+3.4 ^{sss}
12th Grade	26.9	25.1	26.7	27.6	28.1	28.5	+0.4	+1.6	16.2	14.9	17.1	18.0	19.4	19.8	+0.4	+3.6 ^{ss}	7.1	6.3	7.9	8.8	10.0	9.5	-0.5	+2.4 ^{sss}
Any Illicit Drug Including Inhalants ^b	28.5	29.6	32.3	35.1	38.1	39.4	+1.3	+10.9 ^{sss}	16.7	18.2	21.1	24.2	27.1	28.7	+1.6	+12.0 ^{sss}	8.8	10.0	12.0	14.3	16.1	17.5	+1.4 ^s	+8.7 ^{sss}
8th Grade	28.5	29.6	32.3	35.1	38.1	39.4	+1.3	+10.9 ^{sss}	16.7	18.2	21.1	24.2	27.1	28.7	+1.6	+12.0 ^{sss}	8.8	10.0	12.0	14.3	16.1	17.5	+1.4 ^s	+8.7 ^{sss}
10th Grade	36.1	36.2	38.7	42.7	45.9	49.8	+3.9 ^{ss}	+13.7 ^{sss}	23.9	23.5	27.4	32.5	35.6	39.6	+4.0 ^{sss}	+15.7 ^{sss}	13.1	12.6	15.5	20.0	21.6	24.5	+2.9 ^{sss}	+11.4 ^{sss}
12th Grade	47.6	44.4	46.6	49.1	51.5	53.5	+2.0	+5.9 ^{ss}	31.2	28.8	32.5	37.6	40.2	41.9	+1.7	+10.7 ^{sss}	17.8	15.5	19.3	23.0	24.8	25.5	+0.7	+7.7 ^{sss}
Marijuana/ Hashish	10.2	11.2	12.6	16.7	19.9	23.1	+3.2 ^{sss}	+12.9 ^{sss}	6.2	7.2	9.2	13.0	15.8	18.3	+2.5 ^{sss}	+12.1 ^{sss}	3.2	3.7	5.1	7.8	9.1	11.3	+2.2 ^{sss}	+8.1 ^{sss}
8th Grade	10.2	11.2	12.6	16.7	19.9	23.1	+3.2 ^{sss}	+12.9 ^{sss}	6.2	7.2	9.2	13.0	15.8	18.3	+2.5 ^{sss}	+12.1 ^{sss}	3.2	3.7	5.1	7.8	9.1	11.3	+2.2 ^{sss}	+8.1 ^{sss}
10th Grade	23.4	21.4	24.4	30.4	34.1	39.8	+5.7 ^{sss}	+16.4 ^{sss}	16.5	15.2	19.2	25.2	28.7	33.6	+4.9 ^{sss}	+17.1 ^{sss}	8.7	8.1	10.9	15.8	17.2	20.4	+3.2 ^{sss}	+11.7 ^{sss}
12th Grade	36.7	32.6	35.3	38.2	41.7	44.9	+3.2 ^s	+8.2 ^{sss}	23.9	21.9	26.0	30.7	34.7	35.8	+1.1	+11.9 ^{sss}	13.8	11.9	15.5	19.0	21.2	21.9	+0.7	+8.1 ^{sss}
Inhalants ^b	17.6	17.4	19.4	19.9	21.6	21.2	-0.4	+3.6 ^{sss}	9.0	9.5	11.0	11.7	12.8	12.2	-0.6	+3.2 ^{sss}	4.4	4.7	5.4	5.6	6.1	5.8	-0.3	+1.4 ^{sss}
8th Grade	17.6	17.4	19.4	19.9	21.6	21.2	-0.4	+3.6 ^{sss}	9.0	9.5	11.0	11.7	12.8	12.2	-0.6	+3.2 ^{sss}	4.4	4.7	5.4	5.6	6.1	5.8	-0.3	+1.4 ^{sss}
10th Grade	15.7	16.6	17.5	18.0	19.0	19.3	+0.3	+3.6 ^{sss}	7.1	7.5	8.4	9.1	9.6	9.5	-0.1	+2.4 ^{sss}	2.7	2.7	3.3	3.6	3.5	3.3	-0.2	+0.6 ^s
12th Grade	17.6	16.6	17.4	17.7	17.4	16.6	-0.8	-1.0	6.6	6.2	7.0	7.7	8.0	7.6	-0.4	+1.0	2.4	2.3	2.5	2.7	3.2	2.5	-0.7 ^s	+0.1
Nitrites ^d	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8th Grade	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10th Grade	1.6	1.5	1.4	1.7	1.5	1.8	+0.3	+0.2	0.9	0.5	0.9	1.1	1.1	1.6	+0.5	+0.7	0.4	0.3	0.6	0.4	0.4	0.7	+0.3	+0.3
12th Grade	1.6	1.5	1.4	1.7	1.5	1.8	+0.3	+0.2	0.9	0.5	0.9	1.1	1.1	1.6	+0.5	+0.7	0.4	0.3	0.6	0.4	0.4	0.7	+0.3	+0.3
Hallucinogens ^c	3.2	3.8	3.9	4.3	5.2	5.9	+0.7	+2.7 ^{sss}	1.9	2.5	2.6	2.7	3.6	4.1	+0.5	+2.2 ^{sss}	0.8	1.1	1.2	1.3	1.7	1.9	+0.2	+1.1 ^{sss}
8th Grade	3.2	3.8	3.9	4.3	5.2	5.9	+0.7	+2.7 ^{sss}	1.9	2.5	2.6	2.7	3.6	4.1	+0.5	+2.2 ^{sss}	0.8	1.1	1.2	1.3	1.7	1.9	+0.2	+1.1 ^{sss}
10th Grade	6.1	6.4	6.8	8.1	9.3	10.5	+1.2	+4.4 ^{sss}	4.0	4.3	4.7	5.8	7.2	7.8	+0.6	+3.8 ^{sss}	1.6	1.8	1.9	2.4	3.3	2.8	-0.5	+1.2 ^{sss}
12th Grade	9.6	9.2	10.9	11.4	12.7	14.0	+1.3	+4.4 ^{sss}	5.8	5.9	7.4	7.6	9.3	10.1	+0.8	+4.3 ^{sss}	2.2	2.1	2.7	3.1	4.4	3.5	-0.9 ^s	+1.3 ^{sss}
LSD	2.7	3.2	3.5	3.7	4.4	5.1	+0.7	+2.4 ^{sss}	1.7	2.1	2.3	2.4	3.2	3.5	+0.3	+1.8 ^{sss}	0.6	0.9	1.0	1.1	1.4	1.5	+0.1	+0.9 ^{sss}
8th Grade	2.7	3.2	3.5	3.7	4.4	5.1	+0.7	+2.4 ^{sss}	1.7	2.1	2.3	2.4	3.2	3.5	+0.3	+1.8 ^{sss}	0.6	0.9	1.0	1.1	1.4	1.5	+0.1	+0.9 ^{sss}
10th Grade	5.6	5.8	6.2	7.2	8.4	9.4	+1.0	+3.8 ^{sss}	3.7	4.0	4.2	5.2	6.5	6.9	+0.4	+3.2 ^{sss}	1.5	1.6	1.6	2.0	3.0	2.4	-0.6 ^s	+0.9 ^{sss}
12th Grade	8.8	8.6	10.3	10.5	11.7	12.6	+0.9	+3.8 ^{sss}	5.2	5.6	6.8	6.9	8.4	8.8	+0.4	+3.6 ^{sss}	1.9	2.0	2.4	2.6	4.0	2.5	-1.5 ^{sss}	+0.6 ^s
PCP ^d	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8th Grade	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10th Grade	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12th Grade	2.9	2.4	2.9	2.8	2.7	4.0	+1.3	+1.1	1.4	1.4	1.4	1.6	1.8	2.6	+0.8	+1.2 ^s	0.5	0.6	1.0	0.7	0.6	1.3	+0.7 ^s	+0.8 ^s

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TABLE 1 (cont.)

Trends in Prevalence of Use of Various Drugs for Eighth, Tenth, and Twelfth Graders with 5-Year Trends Noted

	<u>Lifetime</u>					<u>Annual</u>					<u>30-Day</u>					'95-'96 change	'91-'96 change								
	1991	1992	1993	1994	1995	1991	1992	1993	1994	1995	1991	1992	1993	1994	1995			1996	change						
	'95-'96 change	'91-'96 change	'95-'96 change	'91-'96 change	'95-'96 change	'91-'96 change	'95-'96 change	'91-'96 change	'95-'96 change	'91-'96 change	'95-'96 change	'91-'96 change													
Hallucinogens Other Than LSD																									
8th Grade	1.4	1.7	1.7	2.2	2.5	3.0	+0.5	+1.6sss	0.7	1.1	1.0	1.3	1.7	2.0	+0.3	+1.3sss	0.3	0.4	0.5	0.7	0.8	0.9	+0.1	+0.6sss	
10th Grade	2.2	2.5	2.8	3.8	3.9	4.7	+0.8s	+2.5sss	1.3	1.4	1.9	2.4	2.8	3.3	+0.5	+2.0sss	0.4	0.5	0.7	1.0	1.0	1.0	0.0	+0.6sss	
12th Grade	3.7	3.3	3.9	4.9	5.4	6.8	+1.4ss	+3.1sss	2.0	1.7	2.2	3.1	3.8	4.4	+0.6	+2.4sss	0.7	0.5	0.8	1.2	1.3	1.6	+0.3	+0.9sss	
Cocaine																									
8th Grade	2.3	2.9	2.9	3.6	4.2	4.5	+0.3	+2.2sss	1.1	1.5	1.7	2.1	2.6	3.0	+0.4	+1.9sss	0.5	0.7	0.7	1.0	1.2	1.3	+0.1	+0.8sss	
10th Grade	4.1	3.3	3.6	4.3	5.0	6.5	+1.5ss	+2.4sss	2.2	1.9	2.1	2.8	3.5	4.2	+0.7	+2.0sss	0.7	0.7	0.9	1.2	1.7	1.7	0.0	+1.0sss	
12th Grade	7.8	6.1	6.1	5.9	6.0	7.1	+1.1	-0.7	3.5	3.1	3.3	3.6	4.0	4.9	+0.9s	+1.4ss	1.4	1.3	1.3	1.5	1.8	2.0	+0.2	+0.6s	
Crack																									
8th Grade	1.3	1.6	1.7	2.4	2.7	2.9	+0.2	+1.6sss	0.7	0.9	1.0	1.3	1.6	1.8	+0.2	+1.1sss	0.3	0.5	0.4	0.7	0.7	0.8	+0.1	+0.5sss	
10th Grade	1.7	1.5	1.8	2.1	2.8	3.3	+0.5	+1.6sss	0.9	0.9	1.1	1.4	1.8	2.1	+0.3	+1.2sss	0.3	0.4	0.5	0.6	0.9	0.8	-0.1	+0.5sss	
12th Grade	3.1	2.6	2.6	3.0	3.0	3.3	+0.3	+0.2	1.5	1.5	1.5	1.9	2.1	2.1	0.0	+0.6ss	0.7	0.6	0.7	0.8	1.0	1.0	0.0	+0.3s	
Other Cocaine ^e																									
8th Grade	2.0	2.4	2.4	3.0	3.4	3.8	+0.4	+1.8sss	1.0	1.2	1.3	1.7	2.1	2.5	+0.4	+1.5sss	0.5	0.5	0.6	0.9	1.0	1.0	0.0	+0.5ss	
10th Grade	3.8	3.0	3.3	3.8	4.4	5.5	+1.1s	+1.7ss	2.1	1.7	1.8	2.4	3.0	3.5	+0.5	+1.4sss	0.6	0.6	0.7	1.0	1.4	1.3	-0.1	+0.7sss	
12th Grade	7.0	5.3	5.4	5.2	5.1	6.4	+1.3	-0.6	3.2	2.6	2.9	3.0	3.4	4.2	+0.8	+1.0	1.2	1.0	1.2	1.3	1.3	1.6	+0.3	+0.4	
Heroin ^f																									
8th Grade	1.2	1.4	1.4	2.0	2.3	2.4	+0.1	+1.2sss	0.7	0.7	0.7	1.2	1.4	1.6	+0.2	+0.9sss	0.3	0.4	0.4	0.6	0.6	0.7	+0.1	+0.4sss	
10th Grade	1.2	1.2	1.3	1.5	1.7	2.1	+0.4	+0.9sss	0.5	0.6	0.7	0.9	1.1	1.2	+0.1	+0.7sss	0.2	0.2	0.3	0.4	0.6	0.5	-0.1	+0.3sss	
12th Grade	0.9	1.2	1.1	1.2	1.6	1.8	+0.2	+0.9sss	0.4	0.6	0.5	0.6	1.1	1.0	-0.1	+0.6sss	0.2	0.3	0.2	0.3	0.6	0.5	-0.1	+0.3sss	
Other Opiates ^g																									
8th Grade	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
10th Grade	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
12th Grade	6.6	6.1	6.4	6.6	7.2	8.2	+1.0s	+1.6ss	3.5	3.3	3.6	3.8	4.7	5.4	+0.7	+1.9sss	1.1	1.2	1.3	1.5	1.8	2.0	+0.2	+0.9sss	
Stimulants ^e																									
8th Grade	10.5	10.8	11.8	12.3	13.1	13.5	+0.4	+3.0sss	6.2	6.5	7.2	7.9	8.7	9.1	+0.4	+2.9sss	2.6	3.3	3.6	3.6	4.2	4.6	+0.4	+2.0sss	
10th Grade	13.2	13.1	14.9	15.1	17.4	17.7	+0.3	+4.5sss	8.2	8.2	9.6	10.2	11.9	12.4	+0.5	+4.2sss	3.3	3.6	4.3	4.5	5.3	5.5	+0.2	+2.2sss	
12th Grade	15.4	13.9	15.1	15.7	15.3	15.3	0.0	-0.1	8.2	7.1	8.4	9.4	9.3	9.5	+0.2	+1.3s	3.2	2.8	3.7	4.0	4.0	4.1	+0.1	+0.9ss	
Ice ^h																									
8th Grade	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
10th Grade	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
12th Grade	3.3	2.9	3.1	3.4	3.9	4.4	+0.5	+1.1s	1.4	1.3	1.7	1.8	2.4	2.8	+0.4	+1.4sss	0.6	0.5	0.6	0.7	1.1	1.1	0.0	+0.5s	
Barbiturates ^e																									
8th Grade	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
10th Grade	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
12th Grade	6.2	5.5	6.3	7.0	7.4	7.6	+0.2	+1.4ss	3.4	2.8	3.4	4.1	4.7	4.9	+0.2	+1.5sss	1.4	1.1	1.3	1.7	2.2	2.1	-0.1	+0.7sss	

(Table continued on next page)

TABLE 1 (cont.)

Trends in Prevalence of Use of Various Drugs for Eighth, Tenth, and Twelfth Graders with 5-Year Trends Noted

	Lifetime						Annual						30-Day											
	1991	1992	1993	1994	1995	1996	'95-'96 change	'91-'96 change	1991	1992	1993	1994	1995	1996	'95-'96 change	'91-'96 change	1991	1992	1993	1994	1995	1996	'95-'96 change	'91-'96 change
Tranquilizers^c																								
8th Grade	3.8	4.1	4.4	4.6	4.5	5.3	+0.8s	+1.5sss	1.8	2.0	2.1	2.4	2.7	3.3	+0.6s	+1.5sss	0.8	0.8	0.9	1.1	1.2	1.5	+0.3s	+0.7sss
10th Grade	5.8	5.9	5.7	5.4	6.0	7.1	+1.1ss	+1.3ss	3.2	3.5	3.3	3.3	4.0	4.6	+0.6	+1.4sss	1.2	1.5	1.1	1.5	1.7	1.7	0.0	+0.5ss
12th Grade	7.2	6.0	6.4	6.6	7.1	7.2	+0.1	0.0	3.6	2.8	3.5	3.7	4.4	4.6	+0.2	+1.0ss	1.4	1.0	1.2	1.4	1.8	2.0	+0.2	+0.6ss
Alcoholⁱ																								
Any use																								
8th Grade	70.1	69.3	67.1	—	—	—	—	—	54.0	53.7	51.6	—	—	—	—	—	25.1	26.1	26.2	—	—	—	—	—
			55.7	55.8	54.5	55.3	+0.8	-0.4 ^j			45.4	46.8	45.3	46.5	+1.2	+1.1 ^j			24.3	25.5	24.6	26.2	+1.6	+1.9 ^j
10th Grade	83.8	82.3	80.8	—	—	—	—	—	72.3	70.2	69.3	—	—	—	—	—	42.8	39.9	41.5	—	—	—	—	—
			71.6	71.1	70.5	71.8	+1.3	+0.2 ^j			63.4	63.9	63.5	65.0	+1.5	+1.6 ^j			38.2	39.2	38.8	40.4	+1.6	+2.2 ^j
12th Grade	88.0	87.5	87.0	—	—	—	—	—	77.7	76.8	76.0	—	—	—	—	—	54.0	51.3	51.0	—	—	—	—	—
			80.0	80.4	80.7	79.2	-1.5	-0.8 ^j			72.7	73.0	73.7	72.5	-1.2	-0.2 ^j			48.6	50.1	51.3	50.8	-0.5	+2.2 ^j
Been Drunk^h																								
8th Grade	26.7	26.8	26.4	25.9	25.3	26.8	+1.5	+0.1	17.5	18.3	18.2	18.2	18.4	19.8	+1.4	+2.3s	7.6	7.5	7.8	8.7	8.3	9.6	+1.3s	+2.0ss
10th Grade	50.0	47.7	47.9	47.2	46.9	48.5	+1.6	-1.5	40.1	37.0	37.8	38.0	38.5	40.1	+1.6	0.0	20.5	18.1	19.8	20.3	20.8	21.3	+0.5	+0.8
12th Grade	65.4	63.4	62.5	62.9	63.2	61.8	-1.4	-3.6	52.7	50.3	49.6	51.7	52.5	51.9	-0.6	-0.8	31.6	29.9	28.9	30.8	33.2	31.3	-1.9	-0.3
Cigarettes																								
Any use																								
8th Grade	44.0	45.2	45.3	46.1	46.4	49.2	+2.8ss	+5.2sss	—	—	—	—	—	—	—	—	14.3	15.5	16.7	18.6	19.1	21.0	+1.9s	+6.7sss
10th Grade	55.1	53.5	56.3	56.9	57.6	61.2	+3.6sss	+6.1sss	—	—	—	—	—	—	—	—	20.8	21.5	24.7	25.4	27.9	30.4	+2.5s	+9.6sss
12th Grade	63.1	61.8	61.9	62.0	64.2	63.5	-0.7	+0.4	—	—	—	—	—	—	—	—	28.3	27.8	29.9	31.2	33.5	34.0	+0.5	+5.7sss
Smokeless Tobacco^d																								
8th Grade	22.2	20.7	18.7	19.9	20.0	20.4	+0.4	-1.8	—	—	—	—	—	—	—	—	6.9	7.0	6.6	7.7	7.1	7.1	0.0	+0.2
10th Grade	28.2	26.6	28.1	29.2	27.6	27.4	-0.2	-0.8	—	—	—	—	—	—	—	—	10.0	9.6	10.4	10.5	9.7	8.6	-1.1	-1.4
12th Grade	—	32.4	31.0	30.7	30.9	29.8	-1.1	-2.6 ^k	—	—	—	—	—	—	—	—	—	11.4	10.7	11.1	12.2	9.8	-2.4	-1.6 ^k
Steroids^b																								
8th Grade	1.9	1.7	1.6	2.0	2.0	1.8	-0.2	-0.1	1.0	1.1	0.9	1.2	1.0	0.9	-0.1	-0.1	0.4	0.5	0.5	0.5	0.6	0.4	-0.2s	0.0
10th Grade	1.8	1.7	1.7	1.8	2.0	1.8	-0.2	0.0	1.1	1.1	1.0	1.1	1.2	1.2	0.0	+0.1	0.6	0.6	0.5	0.6	0.6	0.5	-0.1	-0.1
12th Grade	2.1	2.1	2.0	2.4	2.3	1.9	-0.4	-0.2	1.4	1.1	1.2	1.3	1.5	1.4	-0.1	0.0	0.8	0.6	0.7	0.9	0.7	0.7	0.0	-0.1

(Footnotes are on the page following Table 1a)

TABLE 1a

Trends in 30-Day Prevalence of Daily Use of Various Drugs for Eighth, Tenth, and Twelfth Graders with 5-Year Trends Noted

	<u>Daily</u>						'95-'96 change	'91-'96 change
	1991	1992	1993	1994	1995	1996		
Marijuana/ Hashish								
8th Grade	0.2	0.2	0.4	0.7	0.8	1.5	+0.7 ^{sss}	+1.3 ^{sss}
10th Grade	0.8	0.8	1.0	2.2	2.8	3.5	+0.7 ^{ss}	+2.7 ^{sss}
12th Grade	2.0	1.9	2.4	3.6	4.6	4.9	+0.3	+2.8 ^{sss}
Alcohol ⁱ								
Any use								
8th Grade	0.5	0.6	0.8	—	—	—	—	—
10th Grade	1.3	1.2	1.6	1.0	0.7	1.0	+0.3 ^s	0.0 ^j
12th Grade	3.6	3.4	1.8	1.7	1.7	1.6	-0.1	-0.2 ^j
			3.4	2.9	3.5	3.7	+0.2	+0.3 ^j
Been Drunk ^h								
8th Grade	0.1	0.1	0.2	0.3	0.2	0.2	0.0	+0.1
10th Grade	0.2	0.3	0.4	0.4	0.6	0.4	-0.2	+0.2 ^s
12th Grade	0.9	0.8	0.9	1.2	1.3	1.6	+0.3	+0.7 ^{ss}
5+ drinks in last 2 weeks								
8th Grade	12.9	13.4	13.5	14.5	14.5	15.6	+1.1	+2.7
10th Grade	22.9	21.1	23.0	23.6	24.0	24.8	+0.8	+1.9
12th Grade	29.8	27.9	27.5	28.2	29.8	30.2	+0.4	+0.4
Cigarettes								
Any use								
8th Grade	7.2	7.0	8.3	8.8	9.3	10.4	+1.1	+3.2 ^{sss}
10th Grade	12.6	12.3	14.2	14.6	16.3	18.3	+2.0 ^s	+5.7 ^{sss}
12th Grade	18.5	17.2	19.0	19.4	21.6	22.2	+0.6	+3.7 ^{sss}
1/2 pack+/day								
8th Grade	3.1	2.9	3.5	3.6	3.4	4.3	+0.9 ^s	+1.2 ^{ss}
10th Grade	6.5	6.0	7.0	7.6	8.3	9.4	+1.1 ^s	+2.9 ^{sss}
12th Grade	10.7	10.0	10.9	11.2	12.4	13.0	+0.6	+2.3 ^{ss}
Smokeless Tobacco ^d								
8th Grade	1.6	1.8	1.5	1.9	1.2	1.5	+0.3	-0.1
10th Grade	3.3	3.0	3.3	3.0	2.7	2.2	-0.6	-1.1
12th Grade	—	4.3	3.3	3.9	3.6	3.3	-0.2	-1.0 ^t

(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
8th Grade	17,500	18,600	18,300	17,300	17,500	17,800
10th Grade	14,800	14,800	15,300	15,800	17,000	15,600
12th Grade	15,000	15,800	16,300	15,400	15,400	14,300

^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, 10th, and 12th graders: Data based on one form; N for 12th graders is one-sixth of N indicated and N for 8th and 10th graders is one-half 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 1994–96 were based on all forms for all grades.

^jFor 8th, 10th and 12th graders: The changes in the '91–'96 change columns for alcohol are actually the '93–'96 changes.

^kFor 12th graders only: The changes in the '91–'96 change columns for smokeless tobacco are actually the '92–'96 changes.

TABLE 1b
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	'95-'96 change	'92-'96 change	1991	1992	1993	1994	1995	1996	'95-'96 change	'92-'96 change
	Approx. N = 17500	18600	18300	17300	17500	17800			14800	14800	15300	15800	17000	15600		
Total	6.2	7.2	9.2	13.0	15.8	18.3	+2.5sss	+11.1sss	16.5	15.2	19.2	25.2	28.7	33.6	+4.9sss	+18.4sss
Sex:																
Male	7.3	7.4	10.5	15.1	17.7	19.6	+1.9s	+12.2sss	17.7	16.3	21.2	28.2	30.6	36.0	+5.4sss	+19.7sss
Female	5.1	6.9	8.0	10.9	13.7	16.9	+3.2sss	+10.0sss	15.1	13.9	16.9	21.9	26.5	31.4	+4.9sss	+17.5sss
College Plans:																
None or under 4 yrs.	15.8	17.5	22.4	27.7	30.3	34.6	+4.3	+17.1sss	26.9	25.1	31.5	37.3	41.8	48.9	+7.1ss	+23.8sss
Complete 4 yrs.	4.6	5.5	7.3	11.0	13.8	15.8	+2.0ss	+10.3sss	14.2	13.0	16.5	22.4	26.4	31.0	+4.6sss	+18.0sss
Region:																
Northeast	5.0	5.8	6.2	12.1	13.0	15.3	+2.3	+9.5sss	17.1	14.9	22.4	25.6	28.8	34.8	+6.0ss	+19.9sss
North Central	5.9	6.0	8.0	12.0	17.5	18.6	+1.1	+12.6sss	15.8	14.8	17.4	23.4	26.6	33.1	+6.5sss	+18.3sss
South	6.1	7.3	9.0	11.4	14.7	17.1	+2.4	+9.8sss	14.5	12.5	16.4	23.8	28.4	33.9	+5.5sss	+21.4sss
West	7.8	10.3	14.8	18.1	18.4	22.5	+4.1s	+12.2sss	19.4	20.4	24.0	30.0	32.2	32.4	+0.2	+12.0sss
Population Density:																
Large MSA	5.2	6.7	8.0	13.1	15.6	18.3	+2.7s	+11.6sss	16.5	15.1	19.0	26.3	27.8	31.5	+3.7	+16.4sss
Other MSA	7.2	8.3	10.9	15.7	17.2	19.5	+2.3s	+11.2sss	17.3	15.9	19.8	28.2	31.2	36.2	+5.0ss	+20.3sss
Non-MSA	5.3	5.7	7.2	8.0	13.7	15.8	+2.1	+10.1sss	14.9	13.9	18.2	18.5	24.8	30.9	+6.1ss	+17.0sss
Parental Education: ^a																
1.0-2.0 (Low)	13.2	12.7	13.6	18.7	23.0	20.2	-2.8	+7.5sss	20.3	18.9	22.4	25.8	32.0	32.9	+0.9	+14.0sss
2.5-3.0	7.0	7.7	10.7	14.5	17.9	20.6	+2.7s	+12.9sss	17.8	16.0	19.7	26.3	31.8	35.6	+3.8s	+19.6sss
3.5-4.0	6.2	7.0	9.7	13.2	17.2	20.2	+3.0s	+13.2sss	16.2	15.1	19.3	25.6	30.0	36.4	+6.4sss	+21.3sss
4.5-5.0	3.7	5.4	7.4	10.9	12.7	16.2	+3.5ss	+10.8sss	14.9	14.1	17.6	23.8	27.0	31.7	+4.7ss	+17.6sss
5.5-6.0 (High)	4.6	5.2	6.4	11.0	13.0	14.7	+1.7	+9.5sss	15.9	13.7	18.5	23.3	23.4	30.3	+6.9sss	+16.6sss
Race (2-year average): ^b																
White	—	6.4	7.8	10.0	13.5	16.7	+3.2ss	+10.3sss	—	17.0	18.0	22.6	27.7	32.0	+4.3ss	+15.0sss
Black	—	4.1	5.7	8.9	11.9	14.0	+2.1	+9.9sss	—	7.6	8.7	15.3	20.9	25.7	+4.8	+18.1sss
Hispanic	—	11.9	13.9	18.1	20.4	20.8	+0.4	+8.9sss	—	18.9	21.3	25.1	29.2	34.6	+5.4	+15.7sss

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.

TABLE 1c
Marijuana: Trends in Annual Prevalence of Use by Subgroups for Twelfth Graders

	Percent who used in last twelve months																					'95-'96 change	'92-'96 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
Approx. N =	9400	15400	17100	17800	15500	15900	17500	17700	16300	15900	16000	15200	16300	16300	16700	15200	15000	15800	16300	15400	15400	14300		
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	+1.1	+13.9 _{sss}
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	+1.3	+15.0 _{sss}
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	+1.0	+12.7 _{sss}
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	+2.7	+14.2 _{sss}
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	+0.8	+14.0 _{sss}
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	+2.3	+16.1 _{sss}
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	0.0	+14.2 _{sss}
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	+1.0	+14.7 _{sss}
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	+1.8	+9.5 _{ss}
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	-0.3	+14.6 _{sss}
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	+3.7	+16.5 _{sss}
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	-1.4	+8.6 _{sss}
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	+0.4	+10.1 _{sss}
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	+1.3	+14.0 _{sss}
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	+1.9	+13.4 _{sss}
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	+1.6	+15.8 _{sss}
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	-0.8	+14.1 _{sss}
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	+2.2	+11.5 _{sss}
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	+3.4	+18.7 _{sss}
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	+2.6	+7.6

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 1d

Prevalence of MDMA (Ecstasy) for 8th, 10th and 12th Graders, 1996

(Entries are percentages)

	<u>Lifetime</u>	<u>Annual</u>	<u>30-Day</u>	<u>Daily</u>
MDMA				
8th Grade	3.4	2.3	1.0	*
10th Grade	5.6	4.6	1.8	*
12th Grade	6.1	4.6	2.0	0.0

Approximate Weighted N

<i>8th Grade</i>	<i>8830</i>
<i>10th Grade</i>	<i>7788</i>
<i>12th Grade</i>	<i>2372</i>

*Indicates less than 0.05 percent.

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

TABLE 2

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

	Percent ever used																					'95-'96 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	
Approx. N =	9400	15400	17100	17800	15500	15900	17500	17700	16300	15900	16000	15200	16300	16300	16700	15200	15000	15800	16300	15400	15400	14300		
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	+2.4	
Any Illicit Drug Other ^{a,b} Than Marijuana	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	+0.4	
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	+3.2s	
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	-0.8	
Inhalants, Adjusted ^{c,d} Amyl/Butyl Nitrites ^{e,f}	—	—	—	—	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	17.8	17.8	
	—	—	—	—	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	+0.3	
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	+1.3	
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	14.0		
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	+0.9	
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	+1.3	
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	+1.1	
Crack ^h	—	—	—	—	—	—	—	—	—	—	—	—	—	5.4	4.8	4.7	3.5	3.1	2.6	2.6	3.0	3.0	+0.3	
Other Cocaine ⁱ	—	—	—	—	—	—	—	—	—	—	—	—	14.0	12.1	8.5	8.6	7.0	5.3	5.4	5.2	5.1	6.4	+1.3	
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	+0.2	
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	+1.0s	
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	0.0	
Crystal Meth. (Ice) ^l	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2.7	3.3	2.9	3.1	3.4	3.9	4.4	+0.5	
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			
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	+0.2	
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	+0.8	
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	+0.1	
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	-1.5
Been Drunk ^l	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	65.4	63.4	62.5	62.9	63.2	61.8	-1.4	
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	-0.7	
Smokeless Tobacco ^o	—	—	—	—	—	—	—	—	—	—	—	31.4	32.2	30.4	29.2	—	—	32.4	31.0	30.7	30.9	29.8	-1.1	
Steroids ^l	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.0	2.9	2.1	2.1	2.0	2.4	2.3	1.9	-0.4	

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.

TABLE 3

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

	Percent who used in last twelve months																						'95-'96 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		
<i>Approx. N =</i>	9400	15400	17100	17800	15500	15900	17500	17700	16300	15900	16000	15200	16300	16300	16700	15200	15000	15800	16300	15400	15400	14300		
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	+1.2	
Any Illicit Drug Other ^{a,b} Than Marijuana	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	+0.4	
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	+1.1	
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	-0.4	
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			
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	+0.5	
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	+0.8	
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			
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	+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	+0.8	
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	+0.9 _s	
Crack ^h	—	—	—	—	—	—	—	—	—	—	—	—	—	4.1	3.9	3.1	1.9	1.5	1.5	1.9	2.1	2.1	0.0	
Other Cocaine ⁱ	—	—	—	—	—	—	—	—	—	—	—	—	—	9.8	7.4	5.2	4.6	3.2	2.6	2.9	3.0	3.4	4.2	+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	-0.1	
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	+0.7	
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	+0.2	
Crystal Meth. (Ice) ^l	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.3	1.4	1.3	1.7	1.8	2.4	2.8	+0.4	
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			
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	+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	+0.4	
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	+0.2	
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	-1.2	
Been Drunk ^l	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	52.7	50.3	49.6	51.7	52.5	51.9	-0.6	
Cigarettes	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Smokeless Tobacco ^{o,p}	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Steroids ^l	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.9	1.7	1.4	1.1	1.2	1.3	1.5	1.4	-0.1	

NOTES: Level of significance of difference between the two most recent classes: s = .05, ss = .01, sss = .001. '—' indicates data not available. See Table 2 for relevant footnotes.
SOURCE: The Monitoring the Future Study, the University of Michigan.

TABLE 4

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

	Percent who used in last thirty days																						'95-'96 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				
<i>Approx. N =</i>	9400	15400	17100	17800	15500	15900	17500	17700	16300	15900	16000	15200	16300	16300	16700	15200	15000	15800	16300	15400	15400	14300				
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	+0.8			
Any Illicit Drug Other ^{a,b} Than Marijuana	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	-0.5			
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	+0.7			
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	-0.7 _s			
Inhalants, Adjusted ^{c,d} Amyl/Butyl Nitrites ^{e,f}	—	—	—	—	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	—	—			
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	-0.9 _s			
Hallucinogens, Adjusted ^e LSD	—	—	—	—	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	—	—			
PCP ^{e,f}	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	-1.5 _{sss}			
Cocaine	—	—	—	—	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 _s			
Crack ^h	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	+0.2			
Other Cocaine ⁱ	—	—	—	—	—	—	—	—	—	—	—	—	—	1.3	1.6	1.4	0.7	0.7	0.6	0.7	0.8	1.0	0.0			
Heroin ^j	—	—	—	—	—	—	—	—	—	—	—	—	—	4.1	3.2	1.9	1.7	1.2	1.0	1.2	1.3	1.3	1.6	+0.3		
Other Opiates ^k	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	-0.1			
Stimulants ^{b,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	+0.2			
Crystal Meth. (Ice) ^l	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	+0.1			
Sedatives ^{k,m}	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.6	0.6	0.5	0.6	0.7	1.1	1.1	0.0			
Barbiturates ^k	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	—	—			
Methaqualone ^{k,m}	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	-0.1			
Tranquilizers ^k	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	+0.2			
Alcohol ⁿ	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	+0.2			
Been Drunk ^l	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	—	—	—	—			
Cigarettes	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	31.6	29.9	28.9	30.8	33.2	31.3	-1.9			
Smokeless Tobacco ^{o,o}	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	+0.5			
Steroids ^l	—	—	—	—	—	—	—	—	—	—	—	—	—	—	11.5	11.3	10.3	8.4	—	—	11.4	10.7	11.1	12.2	9.8	-2.4
	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.8	1.0	0.8	0.6	0.7	0.9	0.7	0.7	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 2 for relevant footnotes.
SOURCE: The Monitoring the Future Study, the University of Michigan.

TABLE 5

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

	Percent who used daily in last thirty days																						'95-'96 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		
	9400	15400	17100	17800	15500	15900	17500	17700	16300	15900	16000	15200	16300	16300	16700	15200	15000	15800	16300	15400	15400	14300		
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	+0.3	
Inhalants ^c	—	*	*	0.1	*	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
<i>Inhalants, Adjusted^{c,d}</i>	—	—	—	—	0.1	0.2	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	—	—	0.2	+0.1
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	0.2	0.4	+0.2
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	0.1	0.0
<i>Hallucinogens, Adjusted^e</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	—	—	—	—	0.0
LSD	*	*	*	*	*	*	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
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	0.1	0.3	0.3	0.3	+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	0.1	0.1	0.1	0.0
Crack ^h	—	—	—	—	—	—	—	—	—	—	—	—	—	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.2	+0.1
Other Cocaine ⁱ	—	—	—	—	—	—	—	—	—	—	—	—	—	0.2	0.2	0.1	0.1	*	0.1	0.1	0.1	0.1	0.1	0.0
Heroin ^j	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	+0.1	
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	0.2	0.3	0.3	+0.1
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	0.1	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
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	+0.2 ^{sss}	
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	—	—	—	—	—
Been drunk daily ^l	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.9	0.8	0.9	3.4	2.9	3.5	3.7	+0.2
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	30.2	+0.4
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	22.2	+0.6
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	13.0	+0.6
Smokeless Tobacco ^{o,o}	—	—	—	—	—	—	—	—	—	—	—	4.7	5.1	4.3	3.3	—	—	4.3	3.3	3.9	3.6	3.3	3.3	-0.2
Steroids ^l	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.1	0.2	0.1	0.1	0.1	0.4	0.2	0.3	0.3	+0.1

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 2 for relevant footnotes.

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

TABLE 6

Trends in Harmfulness of Drugs as Perceived by Eighth, Tenth, and Twelfth Graders, 1991-96

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	'95-'96 change	1991	1992	1993	1994	1995	1996	'95-'96 change	1991	1992	1993	1994	1995	1996	'95-'96 change
Try marijuana once or twice	40.4	39.1	36.2	31.6	28.9	27.9	-1.0	30.0	31.9	29.7	24.4	21.5	20.0	-1.5s	27.1	24.5	21.9	19.5	16.3	15.6	-0.7
Smoke marijuana occasionally	57.9	56.3	53.8	48.6	45.9	44.3	-1.6	48.6	48.9	46.1	38.9	35.4	32.8	-2.6ss	40.6	39.6	35.6	30.1	25.6	25.9	+0.3
Smoke marijuana regularly	83.8	82.0	79.6	74.3	73.0	70.9	-2.1s	82.1	81.1	78.5	71.3	67.9	65.9	-2.0	78.6	76.5	72.5	65.0	60.8	59.9	-0.9
Try inhalants once or twice	35.9	37.0	36.5	37.9	36.4	40.8	+4.4sss	37.8	38.7	40.9	42.7	41.6	47.2	+5.6sss	—	—	—	—	—	—	—
Try inhalants regularly	65.6	64.4	64.6	65.5	64.8	68.2	+3.4sss	69.8	67.9	69.6	71.5	71.8	75.8	+4.0sss	—	—	—	—	—	—	—
Take LSD once or twice ^b	—	—	42.1	38.3	36.7	36.5	-0.2	—	—	48.7	46.5	44.7	45.1	+0.4	46.6	42.3	39.5	38.8	36.4	36.2	-0.2
Take LSD regularly ^b	—	—	68.3	65.8	64.4	63.6	-0.8	—	—	78.9	75.9	75.5	75.3	-0.2	84.3	81.8	79.4	79.1	78.1	77.8	-0.3
Try crack once or twice	62.8	61.2	57.2	54.4	50.8	51.0	+0.2	70.4	69.6	66.6	64.7	60.9	60.9	0.0	60.6	62.4	57.6	58.4	54.6	56.0	+1.4
Take crack occasionally	82.2	79.6	76.8	74.4	72.1	71.6	-0.5	87.4	86.4	84.4	83.1	81.2	80.3	-0.9	76.5	76.3	73.9	73.8	72.8	71.4	-1.4
Try cocaine powder once or twice	55.5	54.1	50.7	48.4	44.9	45.2	+0.3	59.1	59.2	57.5	56.4	53.5	53.6	+0.1	53.6	57.1	53.2	55.4	52.0	53.2	+1.2
Take cocaine powder occasionally	77.0	74.3	71.8	69.1	66.4	65.7	-0.7	82.2	80.1	79.1	77.8	75.6	75.0	-0.6	69.8	70.8	68.6	70.6	69.1	68.8	-0.3
Try one or two drinks of an alcoholic beverage (beer, wine, liquor)	11.0	12.1	12.4	11.6	11.6	11.8	+0.2	9.0	10.1	10.9	9.4	9.3	8.9	-0.4	9.1	8.6	8.2	7.6	5.9	7.3	+1.4
Take one or two drinks nearly every day	31.8	32.4	32.6	29.9	30.5	28.6	-1.9s	36.1	36.8	35.9	32.5	31.7	31.2	-0.5	32.7	30.6	28.2	27.0	24.8	25.1	+0.3
Have five or more drinks once or twice each weekend	59.1	58.0	57.7	54.7	54.1	51.8	-2.3s	54.7	55.9	54.9	52.9	52.0	50.9	-1.1	48.6	49.0	48.3	46.5	45.2	49.5	+4.3s
Smoke one or more packs of cigarettes per day	51.6	50.8	52.7	50.8	49.8	50.4	+0.6	60.3	59.3	60.7	59.0	57.0	57.9	+0.9	69.4	69.2	69.5	67.6	65.6	68.2	+2.6
Use smokeless tobacco regularly	35.1	35.1	36.9	35.5	33.5	34.0	+0.5	40.3	39.6	44.2	42.2	38.2	41.0	+2.8ss	37.4	35.5	38.9	36.6	33.2	37.4	+4.2s
Take steroids ^c	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	+1.2
	<i>Approx. N = 17437 18662 18366 17394 17501 17926</i>							<i>14719 14808 15298 15880 17006 15670</i>							<i>2549 2684 2759 2591 2603 2449</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) No risk, (2) Slight risk, (3) Moderate risk, (4) Great risk, (5) Can't say, drug unfamiliar.

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

^c8th 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 7
Long-Term Trends in Harmfulness of Drugs as Perceived by Twelfth Graders

<i>How much do you think people risk harming themselves (physically or in other ways), if they . . .</i>	Percentage saying "great risk" ^a																					'95-'96 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		
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	-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	+0.3		
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	-0.9		
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	-0.2		
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	-0.3		
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	+1.9
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	+0.5		
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	+1.3	
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	+0.4		
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	+1.4		
Take crack occasionally	—	—	—	—	—	—	—	—	—	—	—	—	70.4	73.2	75.3	80.4	76.5	76.3	73.9	73.8	72.8	71.4	-1.4		
Take crack regularly	—	—	—	—	—	—	—	—	—	—	—	—	84.6	84.8	85.6	91.6	90.1	89.3	87.5	89.6	88.6	88.0	-0.6		
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	+1.2		
Take cocaine powder occasionally	—	—	—	—	—	—	—	—	—	—	—	—	56.8	61.9	65.8	71.1	69.8	70.8	68.6	70.6	69.1	68.8	-0.3		
Take cocaine powder regularly	—	—	—	—	—	—	—	—	—	—	—	—	81.4	82.9	83.9	90.2	88.9	88.4	87.0	88.6	87.8	86.8	-1.0		
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	+1.6		
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	+3.8s		
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	+2.3s		
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	+2.0		
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	+0.9		
Try crystal meth. (ice) once or twice	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	61.6	61.9	57.5	58.3	54.4	55.3	+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	+2.8		
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	-1.2		
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	+1.4		
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	+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	+2.8		
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	+4.3s		
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	+2.6		
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	+4.2s		
Take steroids	—	—	—	—	—	—	—	—	—	—	—	—	—	—	63.8	69.9	65.6	70.7	69.1	66.1	66.4	67.6	+1.2		
<i>Approx. N =</i>	<i>2804</i>	<i>2918</i>	<i>3052</i>	<i>3770</i>	<i>3250</i>	<i>3234</i>	<i>3604</i>	<i>3557</i>	<i>3305</i>	<i>3262</i>	<i>3250</i>	<i>3020</i>	<i>3315</i>	<i>3276</i>	<i>2796</i>	<i>2553</i>	<i>2549</i>	<i>2684</i>	<i>2759</i>	<i>2591</i>	<i>2603</i>	<i>2449</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) No risk, (2) Slight risk, (3) Moderate risk, (4) Great risk, and (5) Can't say, drug unfamiliar.

TABLE 8

**Trends in Disapproval of Drug Use
by Eighth, Tenth, and Twelfth Graders, 1991-96**

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

Do you disapprove of people who . . .	8th Grade							10th Grade							12th Grade ^b						
	1991	1992	1993	1994	1995	1996	'95-'96 change	1991	1992	1993	1994	1995	1996	'95-'96 change	1991	1992	1993	1994	1995	1996	'95-'96 change
Try marijuana once or twice	84.6	82.1	79.2	72.9	70.7	67.5	-3.2 _{sss}	74.6	74.8	70.3	62.4	59.8	55.5	-4.3 _{sss}	68.7	69.9	63.3	57.6	56.7	52.5	-4.2 _s
Smoke marijuana occasionally	89.5	88.1	85.7	80.9	79.7	76.5	-3.2 _{sss}	83.7	83.6	79.4	72.3	70.0	66.9	-3.1 _{ss}	79.4	79.7	75.5	68.9	66.7	62.9	-3.8 _s
Smoke marijuana regularly	92.1	90.8	88.9	85.3	85.1	82.8	-2.3 _{ss}	90.4	90.0	87.4	82.2	81.1	79.7	-1.4	89.3	90.1	87.6	82.3	81.9	80.0	-1.9
Try inhalants once or twice	84.9	84.0	82.5	81.6	81.8	82.9	+1.1	85.2	85.6	84.8	84.9	84.5	86.0	+1.5 _s	—	—	—	—	—	—	—
Take inhalants regularly	90.6	90.0	88.9	88.1	88.8	89.3	+0.5	91.0	91.5	90.9	91.0	90.9	91.7	+0.8	—	—	—	—	—	—	—
Try LSD once or twice ^c	—	—	77.1	75.2	71.6	70.9	-0.7	—	—	82.1	79.3	77.9	76.8	-1.1	90.1	88.1	85.9	82.5	81.1	79.6	-1.5
Take LSD regularly ^c	—	—	79.8	78.4	75.8	75.3	-0.5	—	—	86.8	85.6	84.8	84.5	-0.3	96.4	95.5	95.8	94.3	92.5	93.2	+0.7
Try crack once or twice	91.7	90.7	89.1	86.9	85.9	85.0	-0.9	92.5	92.5	91.4	89.9	88.7	88.2	-0.5	92.1	93.1	89.9	89.5	91.4	87.4	-4.0 _{sss}
Take crack occasionally	93.3	92.5	91.7	89.9	89.8	89.3	-0.5	94.3	94.4	93.6	92.5	91.7	91.9	+0.2	94.2	95.0	92.8	92.8	94.0	91.2	-2.8 _{ss}
Try cocaine powder once or twice	91.2	89.6	88.5	86.1	85.3	83.9	-1.4 _s	90.8	91.1	90.0	88.1	86.8	86.1	-0.7	88.0	89.4	86.6	87.1	88.3	83.1	-5.2 _{sss}
Take cocaine powder occasionally	93.1	92.4	91.6	89.7	89.7	88.7	-1.0	94.0	94.0	93.2	92.1	91.4	91.1	-0.3	93.0	93.4	91.2	91.0	92.7	89.7	-3.0 _{ss}
Try one or two drinks of an alcoholic beverage (beer, wine, liquor)	51.7	52.2	50.9	47.8	48.0	45.5	-2.5	37.6	39.9	38.5	36.5	36.1	34.2	-1.9 _s	29.8	33.0	30.1	28.4	27.3	26.5	-0.8
Take one or two drinks nearly every day	82.2	81.0	79.6	76.7	75.9	74.1	-1.8	81.7	81.7	78.6	75.2	75.4	73.8	-1.6	76.5	75.9	77.8	73.1	73.3	70.8	-2.5
Have five or more drinks once or twice each weekend	85.2	83.9	83.3	80.7	80.7	79.1	-1.6 _s	76.7	77.6	74.7	72.3	72.2	70.7	-1.5	67.4	70.7	70.1	65.1	66.7	64.7	-2.0
Smoke one or more packs of cigarettes per day	82.8	82.3	80.6	78.4	78.6	77.3	-1.3	79.4	77.8	76.5	73.9	73.2	71.6	-1.6	71.4	73.5	70.6	69.8	68.2	67.2	-1.0
Use smokeless tobacco regularly	79.1	77.2	77.1	75.1	74.0	74.1	+0.1	75.4	74.6	73.8	71.2	71.0	71.0	0.0	—	—	—	—	—	—	—
Take steroids ^d	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	+0.7
	Approx. N = 17390 18503 18435 17429 17560 17998							14750 14774 15334 15891 17016 15686							2547 2645 2723 2588 2603 2399						

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 on one of two forms; N is one-half of N indicated.

^d8th 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 9
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																				'95-'96 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
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	-4.2s
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	-3.8s
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	-1.9
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	-1.5
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	+0.7
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	-0.3
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	-0.5
Try crack once or twice	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	92.3	92.1	93.1	89.9	89.5	91.4	87.4	-4.0sss
Take crack occasionally	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	94.3	94.2	95.0	92.8	92.8	94.0	91.2	-2.8ss
Take crack regularly	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	94.9	95.0	95.5	93.4	93.1	94.1	93.0	-1.1
Try coke powder once or twice	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	87.9	88.0	89.4	86.6	87.1	88.3	83.1	-5.2sss
Take coke powder occasionally	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	92.1	93.0	93.4	91.2	91.0	92.7	89.7	-3.0ss
Take coke powder regularly	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	93.7	94.4	94.3	93.0	92.5	93.8	92.9	-0.9
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	-0.7
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	-0.7
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	-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	-2.3
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	-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	-2.4s
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	-0.4
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	-0.8
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	-2.5
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	+0.6
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	-2.0
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	-1.0
Take steroids	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	90.8	90.5	92.1	92.1	91.9	91.0	91.7	+0.7
<i>Approx. N =</i>	2677	2957	3085	3686	3221	3261	3610	3651	3341	3254	3265	3113	3302	3311	2799	2566	2547	2645	2723	2588	2603	2399	

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 10

Trends in Perceived Availability of Drugs
Eighth, Tenth, and Twelfth Graders, 1992-96

How difficult do you think it would be for you to get each of the following types of drugs, if you wanted some?	Percent saying "fairly easy" or "very easy" to get ^a																	
	8th Grade						10th Grade						12th Grade					
	1992	1993	1994	1995	1996	'95-'96 change	1992	1993	1994	1995	1996	'95-'96 change	1992	1993	1994	1995	1996	'95-'96 change
Marijuana	42.3	43.8	49.9	52.4	54.8	+2.4s	65.2	68.4	75.0	78.1	81.1	+3.0sss	82.7	83.0	85.5	88.5	88.7	+0.2
LSD	21.5	21.8	21.8	23.5	23.6	+0.1	33.6	35.8	36.1	39.8	41.0	+1.2	44.5	49.2	50.8	53.8	51.3	-2.5
PCP ^b	18.0	18.5	17.7	19.0	19.6	+0.6	23.7	23.4	23.8	24.7	26.8	+2.1	31.7	31.7	31.4	31.0	30.5	-0.5
Crack	25.6	25.9	26.9	28.7	27.9	-0.8	33.7	33.0	34.2	34.6	36.4	+1.8	43.5	43.6	40.5	41.9	40.7	-1.2
Cocaine Powder	25.7	25.9	26.4	27.8	27.2	-0.6	35.0	34.1	34.5	35.3	36.9	+1.6	48.0	45.4	43.7	43.8	44.4	+0.6
Heroin	19.7	19.8	19.4	21.1	20.6	-0.5	24.3	24.3	24.7	24.6	24.8	+0.2	34.9	33.7	34.1	35.1	32.2	-2.9
Other Opiates ^b	19.8	19.0	18.3	20.3	20.0	-0.3	26.9	24.9	26.9	27.8	29.4	+1.6	37.1	37.5	38.0	39.8	40.0	+0.2
Amphetamines	32.2	31.4	31.0	33.4	32.6	-0.8	43.4	46.4	46.6	47.7	47.2	-0.5	58.8	61.5	62.0	62.8	59.4	-3.4s
Crystal Meth. (Ice) ^b	16.0	15.1	14.1	16.0	16.3	+0.3	18.8	16.4	17.8	20.7	22.6	+1.9	26.0	26.6	25.6	27.0	26.9	-0.1
Barbiturates	27.4	26.1	25.3	26.5	25.6	-0.9	38.0	38.8	38.3	38.8	38.1	-0.7	44.0	44.5	43.3	42.3	41.4	-0.9
Tranquilizers	22.9	21.4	20.4	21.3	20.4	-0.9	31.6	30.5	29.8	30.6	30.3	-0.3	40.9	41.1	39.2	37.8	36.0	-1.8
Cigarettes	77.8	75.5	76.1	76.4	76.9	+0.5	89.1	89.4	90.3	90.7	91.3	+0.6	—	—	—	—	—	—
Alcohol	76.2	73.9	74.5	74.9	75.3	+0.4	88.6	88.9	89.8	89.7	90.4	+0.7	—	—	—	—	—	—
Steroids	24.0	22.7	23.1	23.8	24.1	+0.3	37.6	33.6	33.6	34.8	34.8	0.0	46.8	44.8	42.9	45.5	40.3	-5.2ss
Approx. N =	8355	16775	16119	15496	16318		7014	14652	15192	16209	14887		2586	2670	2526	2552	2340	

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 1993-96.

TABLE 11

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

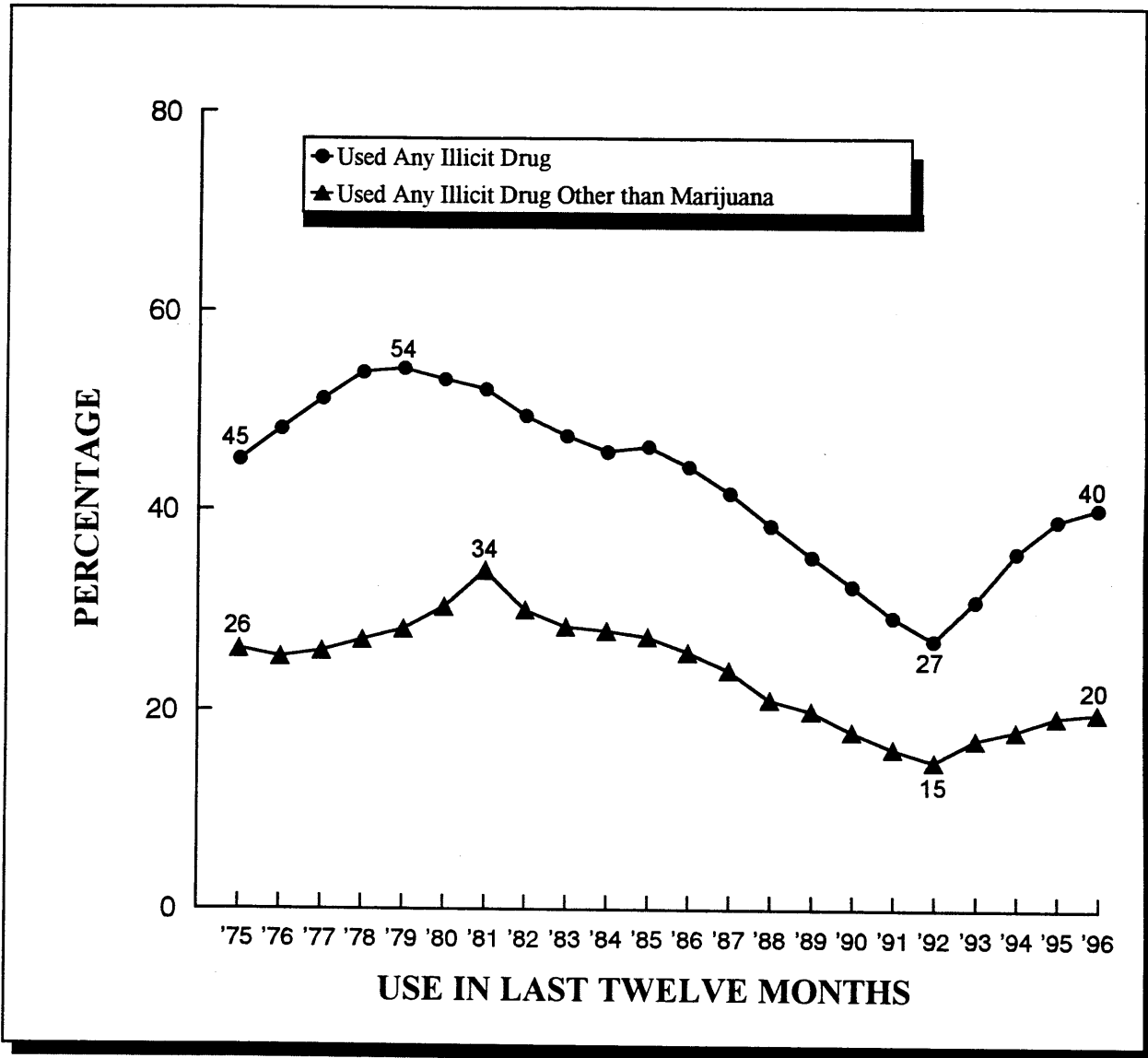
<i>How difficult do you think it would be for you to get each of the following types of drugs, if you wanted some?</i>	Percent saying "fairly easy" or "very easy" to get ^a																						'95-'96 change
	Class of 1975	Class of 1976	Class of 1977	Class of 1978	Class of 1979	Class of 1980	Class of 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	
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	+0.2
Amyl/Butyl Nitrites	—	—	—	—	—	—	—	—	—	—	—	—	23.9	25.9	26.8	24.4	22.7	25.9	25.9	26.7	26.0	23.9	-2.1
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	-2.5
PCP	—	—	—	—	—	—	—	—	—	—	—	—	22.8	24.9	28.9	27.7	27.6	31.7	31.7	31.4	31.0	30.5	-0.5
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	-1.9
MDMA (ecstasy)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	21.7	22.0	22.1	24.2	28.1	31.2	34.2	36.9	+2.7
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	+0.4
Crack	—	—	—	—	—	—	—	—	—	—	—	—	41.1	42.1	47.0	42.4	39.9	43.5	43.6	40.5	41.9	40.7	-1.2
Cocaine powder	—	—	—	—	—	—	—	—	—	—	—	—	52.9	50.3	53.7	49.0	46.0	48.0	45.4	43.7	43.8	44.4	+0.6
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	-2.9
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	+0.2
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	-3.4 _s
Crystal meth. (ice)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	24.1	24.3	26.0	26.6	25.6	27.0	26.9	-0.1
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	-0.9
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	-1.8
Steroids	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	46.7	46.8	44.8	42.9	45.5	40.3	-5.2 _{ss}
<i>Approx. N =</i>	<i>2627</i>	<i>2865</i>	<i>3065</i>	<i>3598</i>	<i>3172</i>	<i>3240</i>	<i>3578</i>	<i>3602</i>	<i>3385</i>	<i>3269</i>	<i>3274</i>	<i>3077</i>	<i>3271</i>	<i>3231</i>	<i>2806</i>	<i>2549</i>	<i>2476</i>	<i>2586</i>	<i>2670</i>	<i>2526</i>	<i>2552</i>	<i>2340</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**

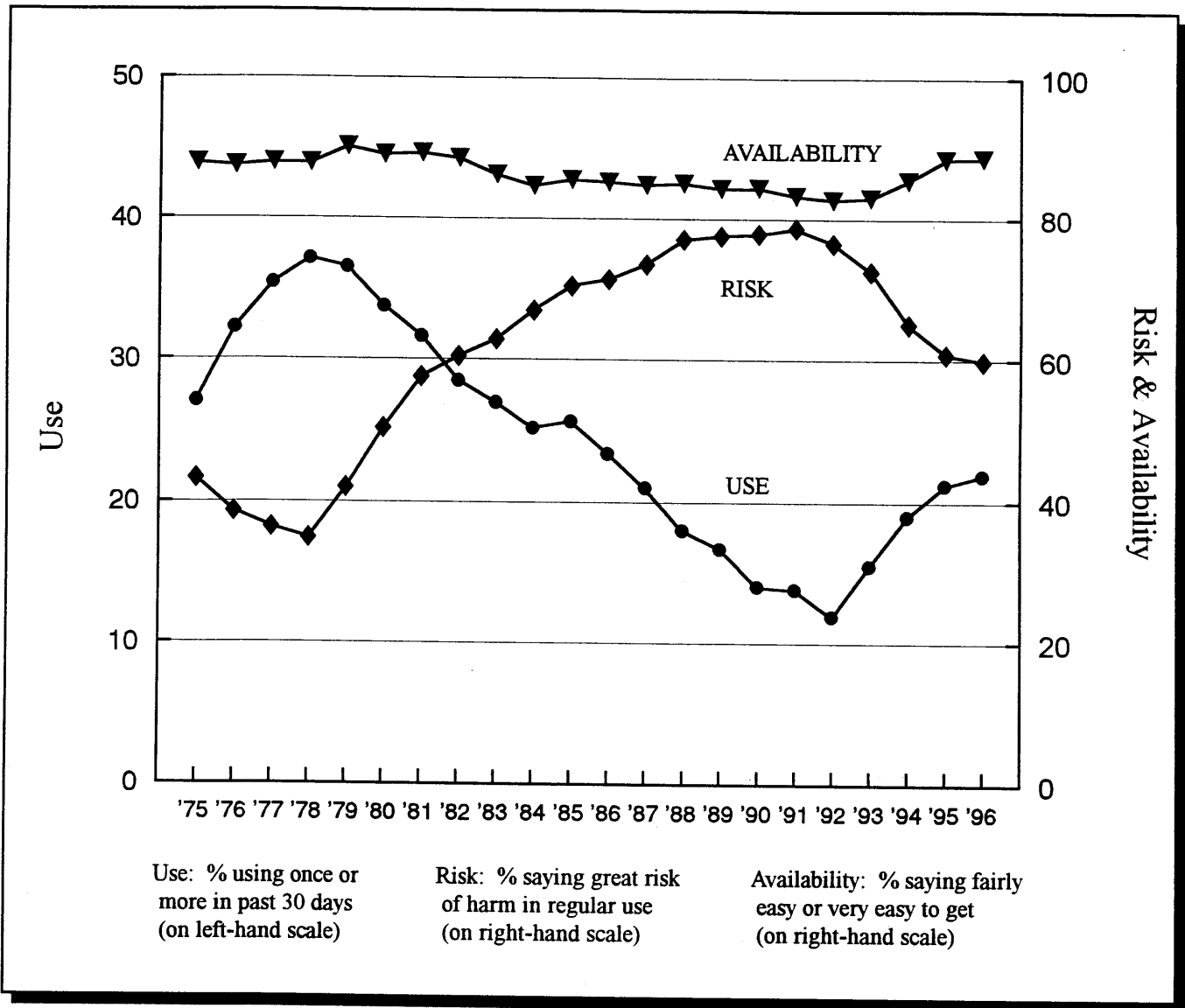
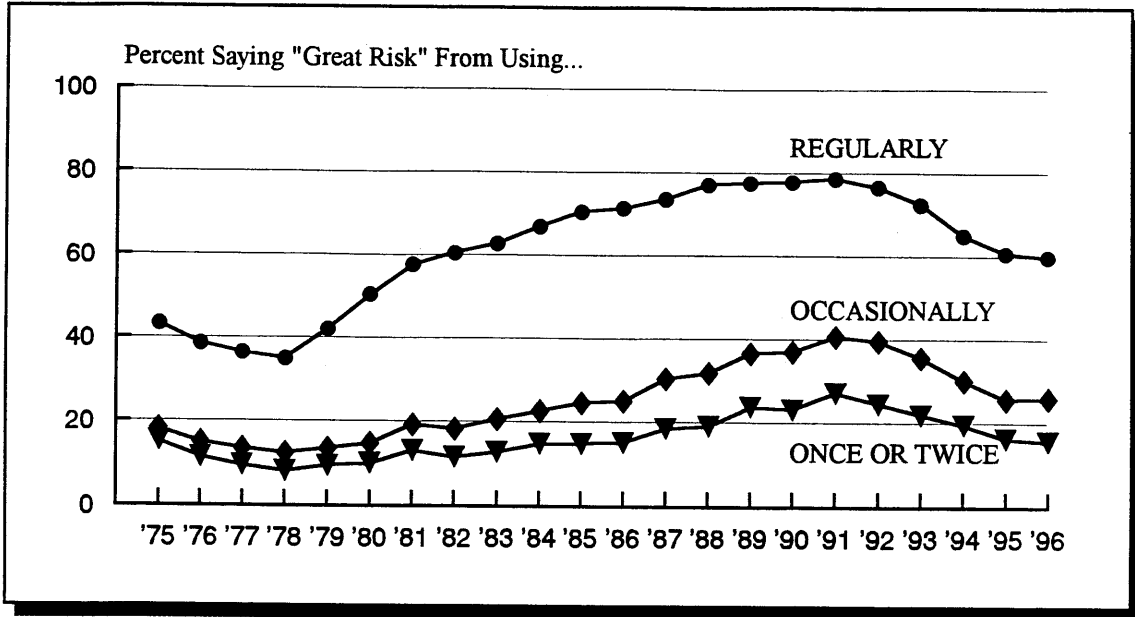
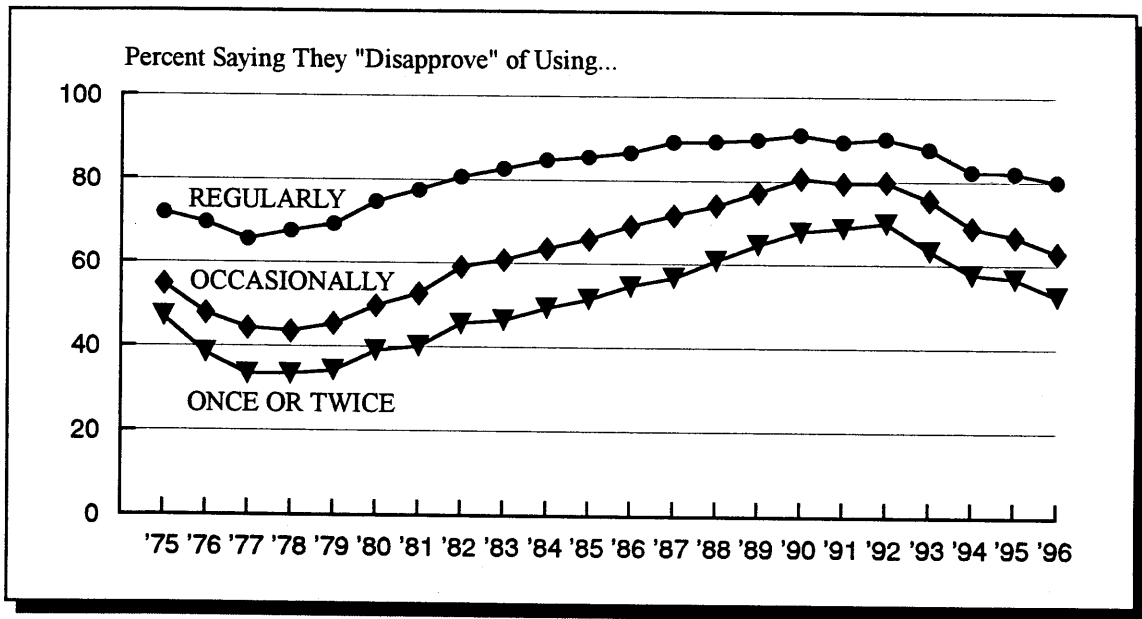


FIGURE 3

Trends in Perceived Harmfulness and Disapproval of Marijuana Use for Twelfth Graders



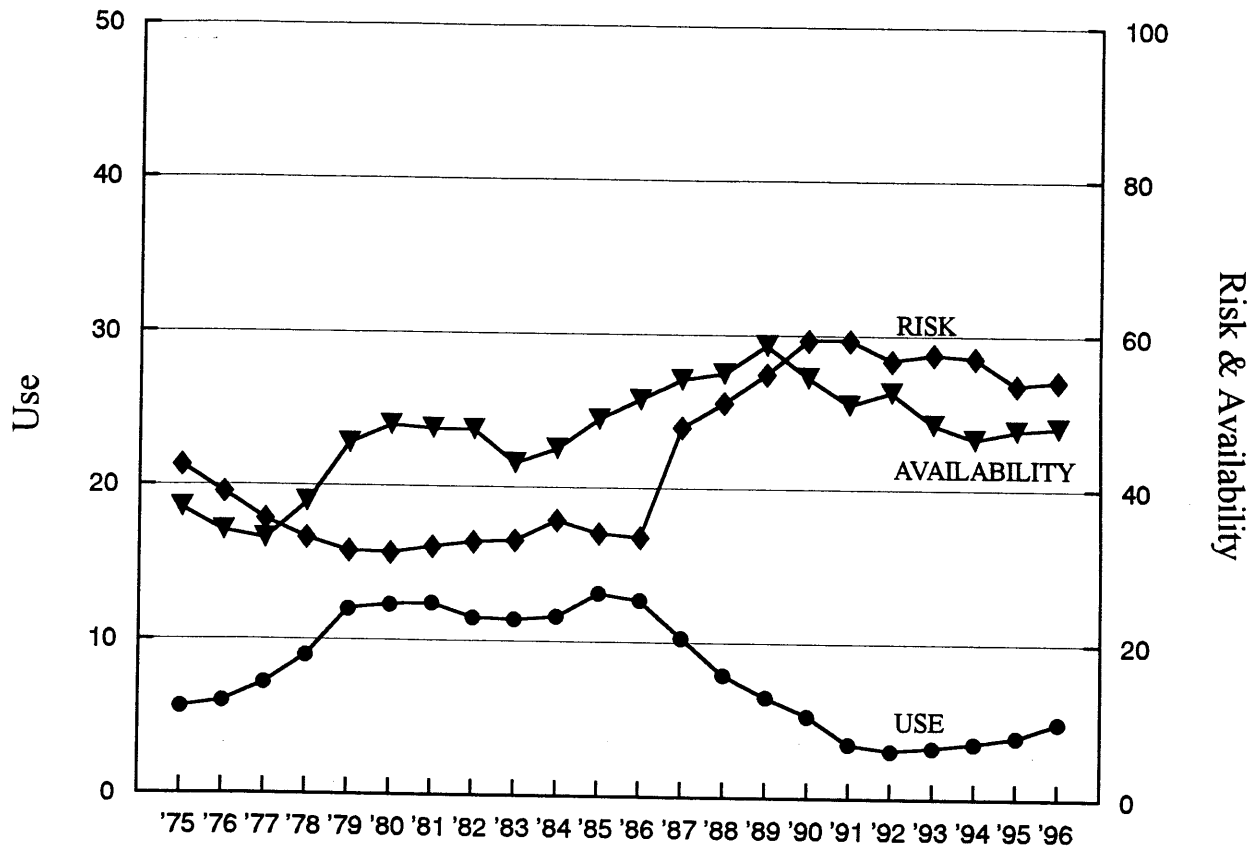
Perceived Harmfulness



Disapproval

FIGURE 4

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



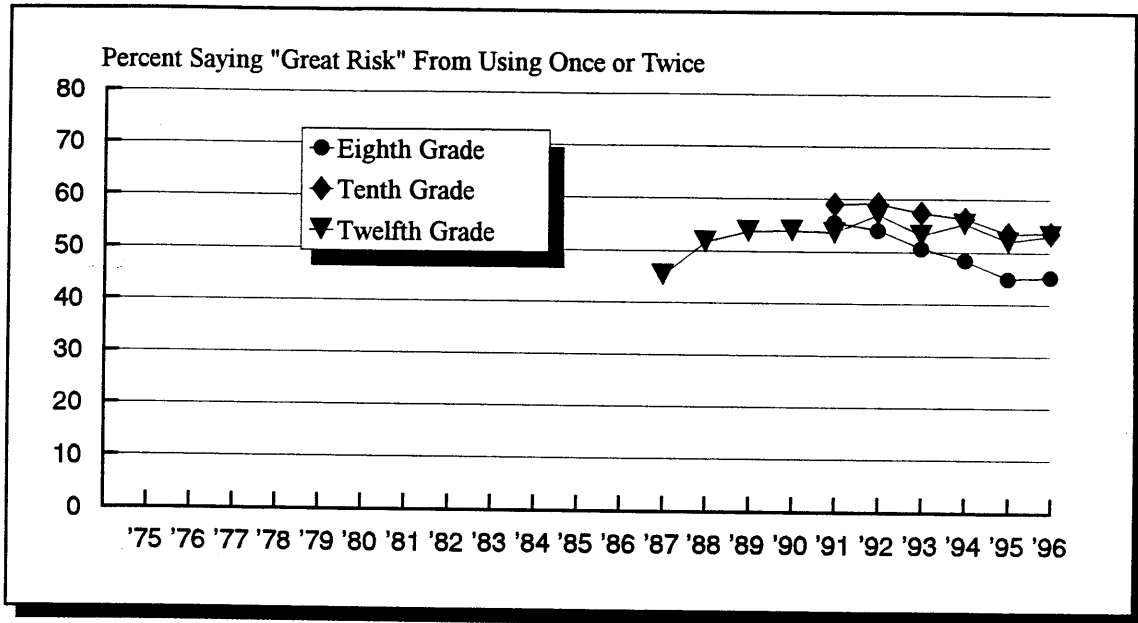
Use: % using once or more in past 12 months (on left-hand scale)

Risk: % saying great risk of harm in using once or twice (on right-hand scale)

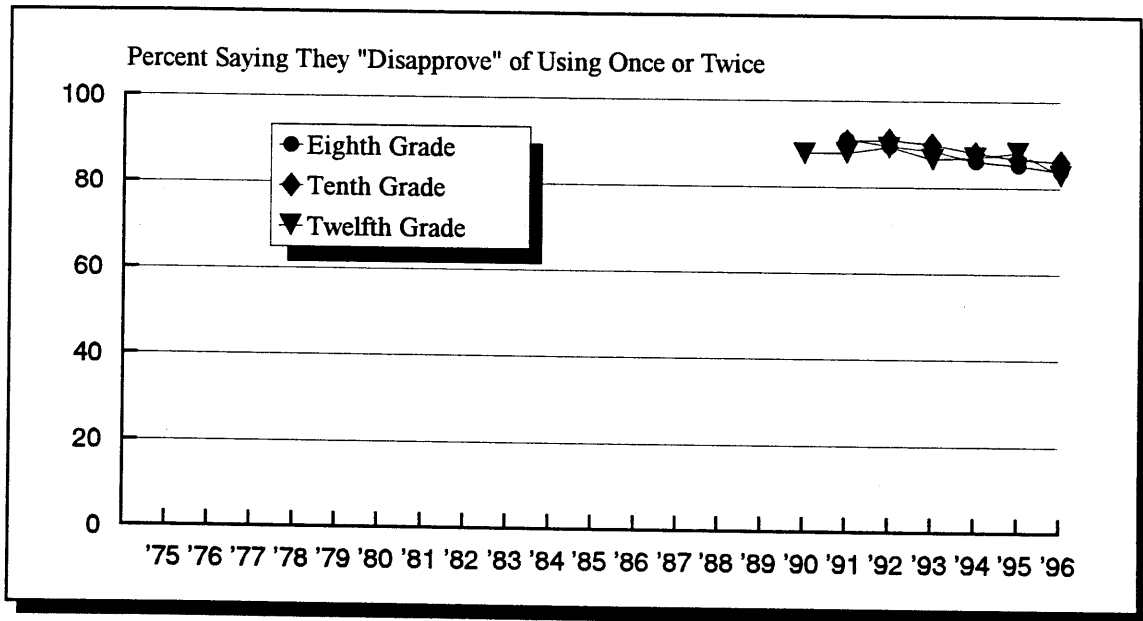
Availability: % saying fairly easy or very easy to get (on right-hand scale)

FIGURE 5

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



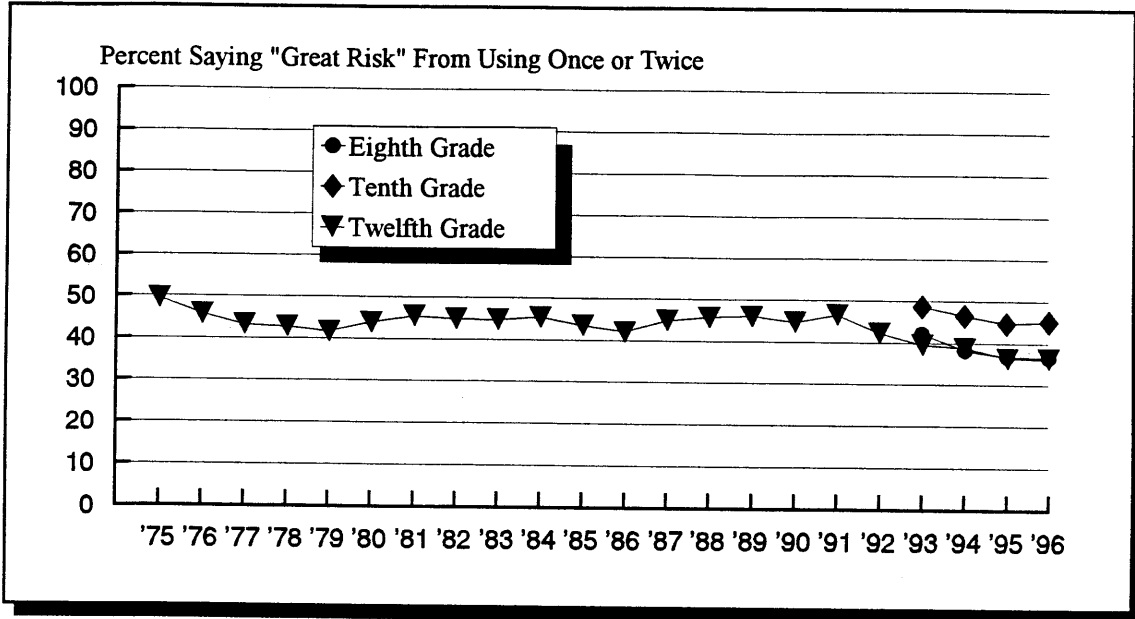
Perceived Harmfulness



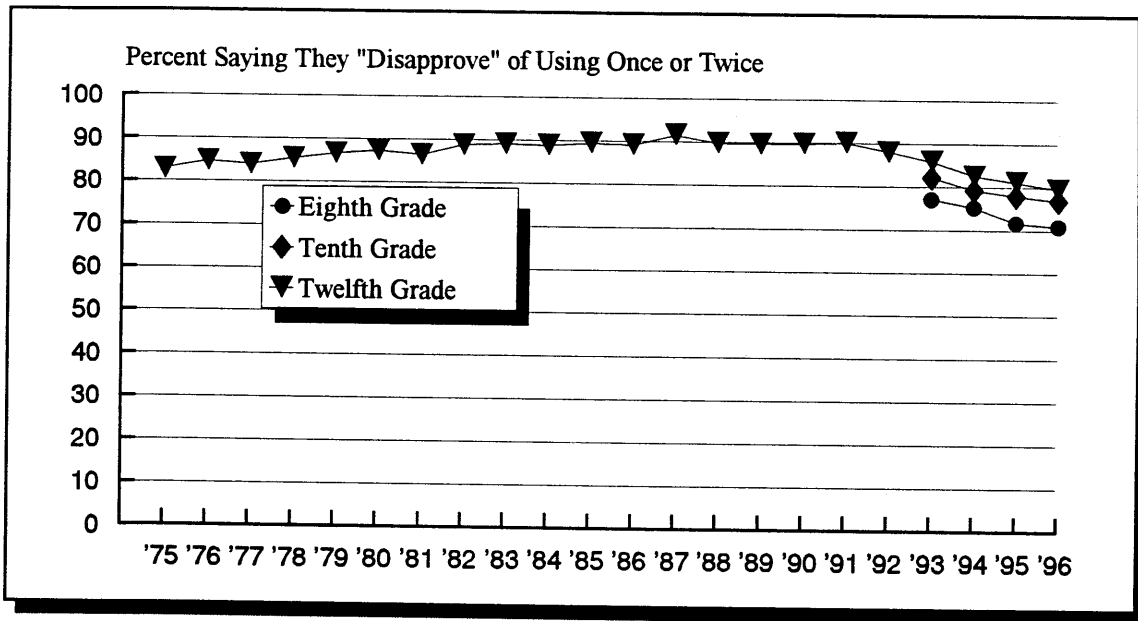
Disapproval

FIGURE 6

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



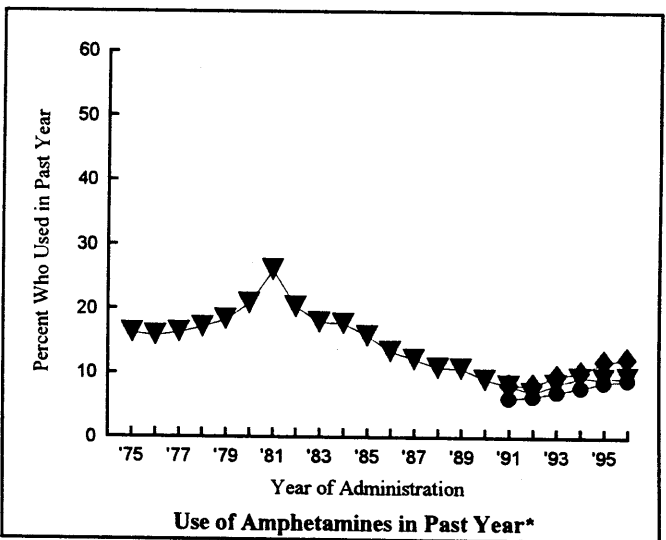
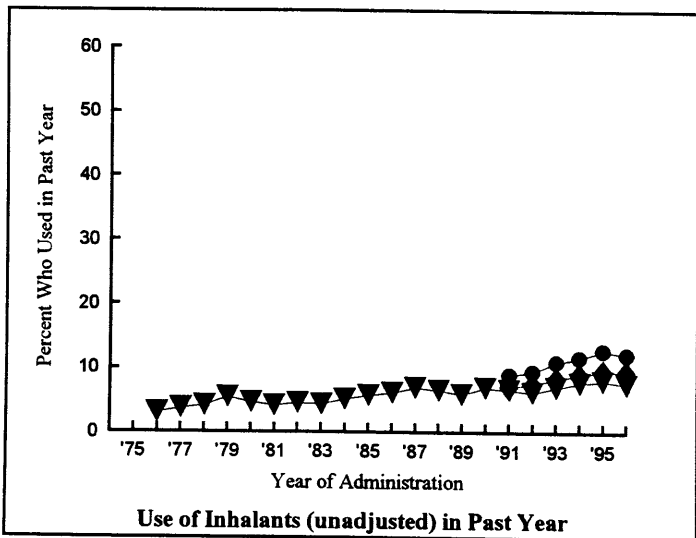
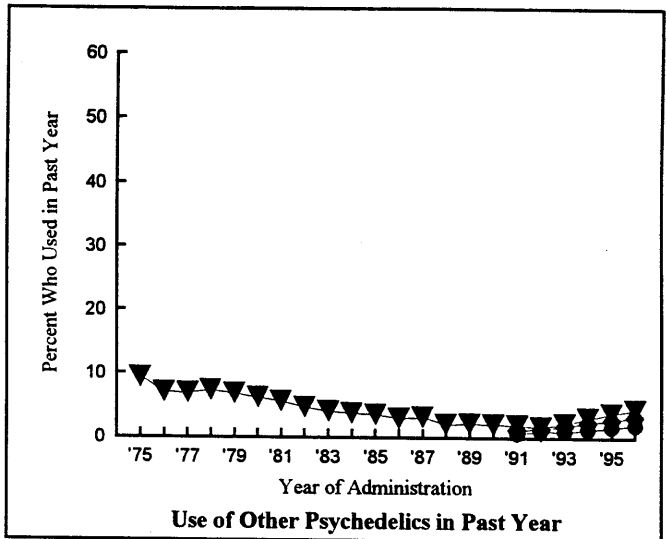
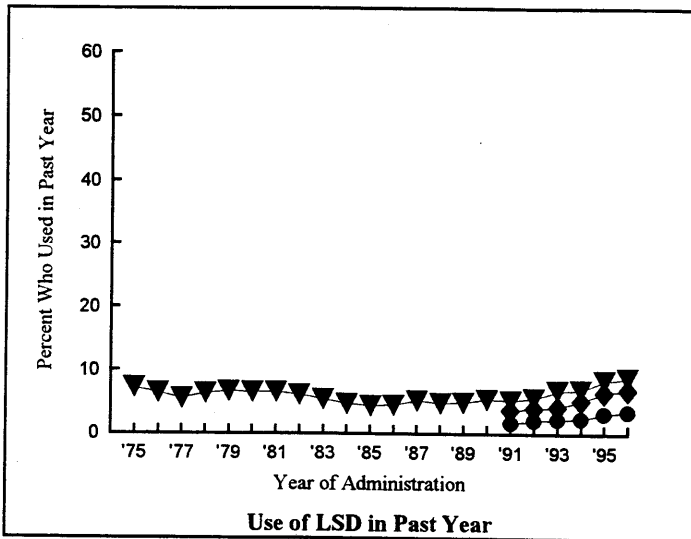
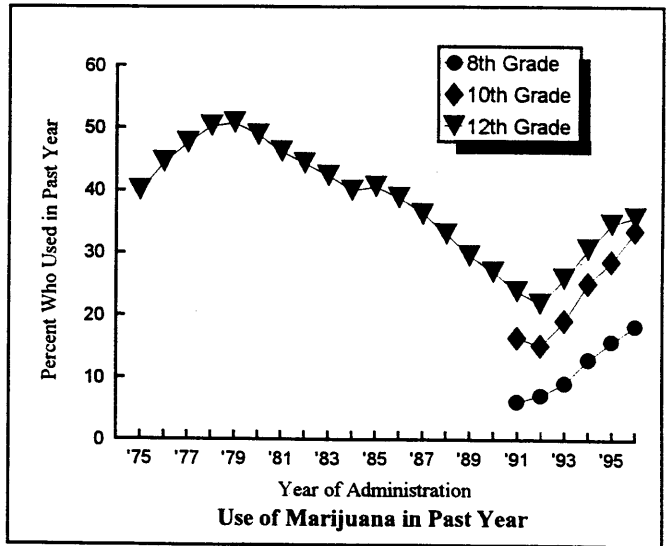
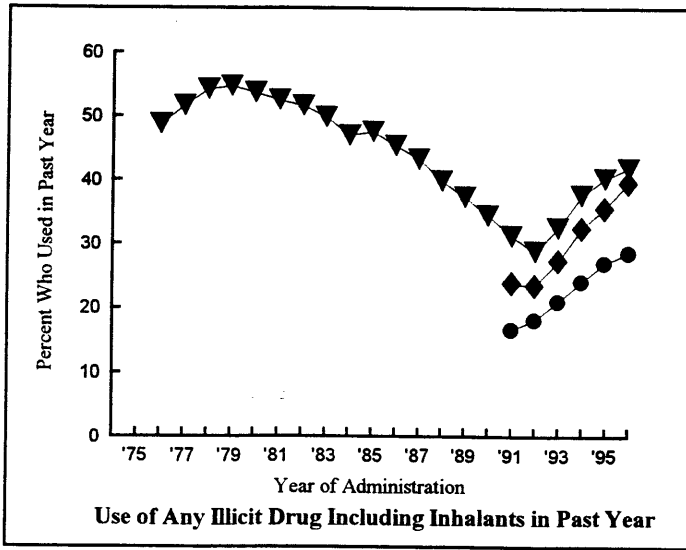
Perceived Harmfulness



Disapproval

FIGURE 7

Trends in Annual Use of Selected Drugs by Grade, 1975-1996



*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, 1996

