



Decision-Support Tools

PREVENTING YOUTH MARIJUANA USE:

National Survey Measures

RESOURCE OVERVIEW

Preventing Youth Marijuana Use: National Survey Measures provides guidance on using standard measures to document youth marijuana use. It includes approximately 65 measures for 34 marijuana use variables. These measures—that is, questions, scales, and other indicators—have been employed in some of the more preeminent and commonly referenced national surveys of youth risk behavior. Key takeaways include the following:

- Monitoring the Future and the National Survey on Drug Use and Health include measures for the most marijuana use variables: 22 and 20 variables respectively. However, they do not measure such things as form of marijuana used, perceived risk of getting caught, or parent or adult disapproval of use.
- All or most surveys include measures of access, lifetime use, initiation of use, past 30-day use, past year use, perception of peer use, and perception of harm.
- There are few measures for medical marijuana use, reasons for using, tolerance, treatment for use disorder, legalization attitudes, perceived risk of getting caught, parent perception of child's use, adult disapproval of use, and perception of adults' use.
- In some cases, there is marked variation in how outcomes or variables are measured. Therefore, users will need to determine which measure best captures their outcome of interest.
- Psychometric information may be available on webpages for featured instruments.

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INTRODUCTION

This resource provides guidance on using standard measures to document youth marijuana use. It is a compilation of measures developed for epidemiologists, evaluators, practitioners and others in the substance misuse prevention field who provide technical assistance to communities seeking to address youth marijuana use. Part of a suite of decision-support tools developed by SAMHSA's Center for the Application of Prevention Technologies to address marijuana use, it features measures—that is, questions, scales, and other indicators—that have been employed in some of the more preeminent and commonly referenced national surveys of youth risk behavior:

- **American Drug and Alcohol Survey (ADAS):** A commercially available survey developed by the Rocky Mountain Behavioral Science Institute on drug use and related behaviors that measures the rates of use and attitudes about alcohol, tobacco, and other drugs.¹
- **Communities That Care Youth Survey (CTC):** A survey developed by the University of Washington to examine incidence and prevalence of substance use, delinquency, and related risk and protective factors that predict problems in communities.²
- **Monitoring the Future (MTF):** A survey initiated by the University of Michigan that examines the behaviors, attitudes, and values of high school students, college students, and young adults.³
- **National Health and Nutrition Examination Survey (NHANES):** A combination of interviews and physical examinations designed to assess the health and nutritional status of adults and children in the United States.⁴
- **National Survey on Drug Use and Health (NSDUH):** A survey sponsored by the Substance Abuse and Mental Health Services Administration (SAMHSA) and the U.S. Department of Health and Human Services (DHHS) to assess use of tobacco, alcohol, and illicit drugs, and mental health in the United States.⁵
- **Pride Surveys (Pride):** Surveys that help local schools measure student alcohol, tobacco, and other drug use.⁶
- **Youth Risk Behavior Surveillance Survey (YRBSS):** A survey conducted by the Centers for Disease Control and Prevention to evaluate adolescent health risk and health protective behaviors such as smoking, drinking, drug use, diet, and physical activity.⁷

¹ http://bit.ly/ADAS_inst; http://adai.uw.edu/instruments/pdf/ADAS_287.pdf

² <http://www.communitiesthatcare.net/>; <http://www.communitiesthatcare.net/userfiles/files/2014CTCYS.pdf>

³ <http://www.monitoringthefuture.org/>

⁴ <https://www.cdc.gov/nchs/nhanes/index.htm>; ⁵ <https://nsduhwebesn.rti.org/respweb/homepage.cfm>

⁶ <http://www.pridesurveys.com/>

⁷ <https://www.cdc.gov/healthyyouth/data/yrbs/overview.htm>

RELATED TOOLS

Other CAPT tools that support the prevention of youth marijuana use, which we suggest reviewing in addition to this tool, include:

- [***Preventing Youth Marijuana Use: Factors Associated with Use***](#), which offers a summary of research findings on factors associated with marijuana use among youth.
- [***Preventing Youth Marijuana Use: Programs and Strategies***](#), which presents detailed descriptions of substance misuse prevention strategies and associated interventions that have been evaluated to determine their effects on youth marijuana use.
- [***Preventing Youth Marijuana Use: Data Resources***](#), which offers a comprehensive listing of available data resources and surveys developed by and for a range of federal agencies and that collect data on marijuana use and its consequences.

USING THIS RESOURCE TO GUIDE PREVENTION PRACTICE

By surveying representative samples of the populations in our states and communities, we gain a better understanding of substance use patterns and trends. This information, in turn, informs how we set prevention priorities and focus resources. When it comes to documenting youth marijuana use, we can choose from several different measures. These measures are described below and organized into two sections. The first section, *Which Marijuana Measures Are in Which Survey?*, provides an overview of youth marijuana use behaviors and indicates which surveys include a measure of this behavior. The second section, *How Marijuana is Assessed*, includes measures of youth marijuana use behaviors organized by behavior and survey instrument.

One reason for referencing and using this tool is to identify measures to include in a state- or local-level survey designed to capture more detailed information on youth marijuana use. Another reason is to identify existing surveys that already capture information on specific youth marijuana use behaviors for distinct age groups at your geographic level of interest. The table below provides at-a-glance information on which surveys target which population groups and the geographic level at which they are administered.

Survey Instrument	Populations Surveyed	Frequency of Data Collection	Geographic Level
ADAS	Students in grades 4–12	At discretion of school	School
CTC	Students in grades 6–12	At discretion of school	School
MTF	Nationally representative sample of 8 th , 10 th , and 12 th grade students	Annual (1975–present)	National, regional, large Metropolitan Statistical Areas
NHANES	Nationally representative sample of US population	Annual (early 1960s to present)	National

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Survey Instrument	Populations Surveyed	Frequency of Data Collection	Geographic Level
NSDUH	Nationally representative sample of US population aged 12 and older	Annual (1971–present)	National, regional, state, and sub-state
Pride	Students in grades 4–6 and 6–12	At discretion of school	School or institution
YRBSS	Representative sample of public and private school students in grades 6–12 in the 50 states and DC	Annual (high school 1991–present; middle school 1995–present)	National

When reviewing information in each of the two sections, you will notice that some youth marijuana use measures (e.g., *initiation of use*) are included in all of the major national survey instruments. In other cases, behaviors are included in only one or two survey instruments. For example, ADAS, MTF, and NSDUH are the only instruments that assesses *problems associated with use*. ADAS is the only instrument that includes a question about *type of marijuana user*. Questions about *lifetime use*, *past 30-day use*, and *past year use* also ask about frequency of use during those timeframes. The challenge is determining which of these measures or indicators will provide you with the information you need to assess changes or patterns in use over time, as well as factors you think may contribute to that use (e.g., access, perceptions, situations where used).

SECTION 1. WHICH MARIJUANA MEASURES ARE IN WHICH SURVEY?

Measure	ADAS	CTC	MTF	NHANES	NSDUH	Pride	YRBSS
Access	✓	✓	✓		✓	✓	
Lifetime use	✓	✓	✓	✓	✓		✓
Initiation of use	✓	✓	✓	✓	✓	✓	✓
Past 30-day use	✓	✓	✓	✓	✓		✓
Past year use	✓		✓		✓	✓	
Last use			✓	✓	✓		
Type of user	✓						
Form used	✓				✓		
Perception of drug 'high'			✓				
Using with alcohol	✓		✓				
Reasons for using			✓				
Medical marijuana use					✓		
Tolerance					✓		
Intent to limit use or quit	✓		✓		✓		
Anticipated use		✓	✓				
Healthcare professional evaluation					✓		
Treatment					✓		

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Measure	ADAS	CTC	MTF	NHANES	NSDUH	Pride	YRBSS
Setting or circumstance where used	✓		✓			✓	
Driving under the influence (self)			✓		✓		✓
Driving under the influence (passenger)			✓				
Perception of sibling use		✓					
Perception of peer use	✓	✓	✓		✓	✓	
Perception of celebrity use			✓				
Perception of marijuana users			✓				
Disapproval of use		✓	✓		✓		
Peer disapproval of use	✓		✓		✓	✓	
Parent disapproval of use		✓			✓	✓	
Adult disapproval of use		✓					
Perception of adults' use		✓					
Parent perception of child's use					✓		
Perception of harm	✓	✓	✓		✓	✓	
Perceived risk of getting caught		✓					
Problems associated with use	✓		✓		✓		
Legalization attitudes			✓				

SECTION 2. HOW IS YOUTH MARIJUANA USE ASSESSED?

Access	
Survey	Marijuana Items
ADAS	<p>How easy do you think it would be for you to get each of the following types of drugs if you wanted some? Marijuana</p> <ul style="list-style-type: none"> • Very Easy • Fairly Easy • Hard • Very Hard • Probably Impossible
CTC	<p>If you wanted to get some marijuana, how easy would it be for you to get some?</p> <ul style="list-style-type: none"> • Very hard • Sort of hard • Sort of easy • Very easy
MTF	<p>How difficult do you think it would be for you to get each of the following types of drugs, if you wanted some? Marijuana</p> <ul style="list-style-type: none"> • Probably impossible • Very difficult • Fairly difficult • Fairly easy • Very easy <p>Where did you get the marijuana you used during the last year? (Mark all that apply.)</p> <ul style="list-style-type: none"> • Took from a friend without asking • Took from a relative without asking • Given for free by a friend • Given for free by a relative • Bought from a friend • Bought from a relative • From my own “medical marijuana” prescription • Bought from a drug dealer/stranger • Other method <p>Did you get any of the marijuana you used during the last year from someone else’s medical marijuana prescription? Yes/No</p> <p>Do you know about how much an ounce of marijuana would cost in your area?</p> <ul style="list-style-type: none"> • Don’t know • Less than \$50

Access	
Survey	Marijuana Items
MTF (cont.)	<ul style="list-style-type: none"> • \$50-\$99 • \$100-\$149 • \$150-\$199 • \$200-\$249 • \$250-\$299 • \$300-\$399 • \$400-\$499 • \$500 or more <p>How difficult do you think it would be for you to get each of the following types of drugs, if you wanted some? Marijuana (pot, weed)</p> <ul style="list-style-type: none"> • Probably impossible • Very difficult • Fairly difficult • Fairly easy • Very easy <p>During the LAST 12 MONTHS, how often have you been around people who were taking each of the following to get high or for “kicks”? Marijuana (pot, weed) or hashish</p> <ul style="list-style-type: none"> • Not at all • Once or twice • Occasionally • Often
NSDUH	<p>How difficult or easy would it be for you to get some marijuana, if you wanted some?</p> <ul style="list-style-type: none"> • Probably impossible • Very difficult • Fairly difficult • Fairly easy • Very easy
Pride	<p>Grades 4–6:</p> <p>Where do you get marijuana (pot)?</p> <ul style="list-style-type: none"> • Never Get • At Home • Friend’s House • At School • Other Place <p>How easy is it to get marijuana (pot)?</p> <ul style="list-style-type: none"> • Cannot Get

Access	
Survey	Marijuana Items
Pride (cont.)	<ul style="list-style-type: none"> • Hard to Get • Easy to Get <p>Grades 6–12: How easy is it to get marijuana?</p> <ul style="list-style-type: none"> • Don't Know/Can't Get • Very Difficult • Fairly Difficult • Fairly Easy • Very Easy

Lifetime Use	
Survey	Marijuana Items
ADAS	Have you ever tried marijuana (pot, grass, hash, etc.)? Yes/No
CTC	<p>On how many occasions (if any) have you: Used marijuana (weed, pot) or hashish (hash, hash oil) in your lifetime?</p> <ul style="list-style-type: none"> • 0 occasions • 1 or 2 occasions • 3 to 5 occasions • 6 to 9 occasions • 10 to 19 occasions • 20 to 39 occasions • 40 or more occasions
MTF	<p>On how many occasions (if any) have you used marijuana (weed, pot) or hashish (hash, hash oil). . .in your lifetime?</p> <ul style="list-style-type: none"> • 0 occasions • 1-2 • 3-5 • 6-9 • 10-19 • 20-39 • 40 or more <p>On how many occasions (if any) have you used hashish. . .in your lifetime?</p> <ul style="list-style-type: none"> • 0 occasions • 1-2

Lifetime Use	
Survey	Marijuana Items
MTF (cont.)	<ul style="list-style-type: none"> • 3-5 • 6-9 • 10-19 • 20-39 • 40 or more <p>On how many occasions (if any) have you used marijuana. . .in your lifetime?</p> <ul style="list-style-type: none"> • 0 occasions • 1-2 • 3-5 • 6-9 • 10-19 • 20-39 • 40 or more <p>Thinking back over your whole life, has there ever been a period when you used marijuana or hashish on a daily, or almost daily, basis for at least a month? No/Yes</p> <p>Over your whole lifetime, during how many months have you used marijuana or hashish on a daily or near-daily basis?</p> <ul style="list-style-type: none"> • Less than 3 months • 3 to 9 months • About 1 year • About 1 and ½ years • About 2 years • About 3 to 5 years • 6 to 9 years • 10 or more years
NHANES	<p>Have you ever, even once, used marijuana or hashish?</p> <ul style="list-style-type: none"> • Yes • No • Refused • Don't know <p>Have you ever smoked marijuana or hashish at least once a month for more than one year?</p> <ul style="list-style-type: none"> • Yes • No • Refused • Don't know

Lifetime Use	
Survey	Marijuana Items
NHANES (cont.)	<p>During the time that you smoked marijuana or hashish, how often would you usually use it?</p> <ul style="list-style-type: none"> • Once per month • 2-3 times per month • 4-8 times per month (about 1-2 times per week) • 9-24 times per month (about 3-6 times per week) • 25-30 times per month (one or more times per day) • Refused • Don't know <p>During the time that you smoked marijuana or hashish, how many joints or pipes would you usually smoke in a day?</p> <ul style="list-style-type: none"> • 1 per day • 2 per day • 3-5 per day • Six or more per day • Refused • Don't know
NSDUH	Have you ever, even once, used marijuana or hashish? Yes/No
YRBSS	<p>Standard High School, National High School:</p> <p>During your life, how many times have you used marijuana?</p> <ul style="list-style-type: none"> • 0 times • 1 or 2 times • 3 to 9 times • 10 to 19 times • 20 to 39 times • 40 to 99 times • 100 or more times <p>During your life, how many times have you used synthetic marijuana (also called K2, Spice, fake weed, King Kong, Yucatan Fire, Skunk, or Moon Ricks)?</p> <ul style="list-style-type: none"> • 0 times • 1 or 2 times • 3 to 9 times • 10 to 19 times • 20 to 39 times • 40 or more times

Lifetime Use	
Survey	Marijuana Items
YRBSS (cont.)	Middle School: Have you ever used marijuana? Yes/No

Initiation of Use	
Survey	Marijuana Items
ADAS	How old were you the first time you tried marijuana? <ul style="list-style-type: none"> • Never used • 7 or younger • 8 • 9 • 10 • 11 • 12 • 13 • 14 • 15 • 16 • 17 • 18 • 19 or older
CTC	How old were you when you first: Smoked marijuana? <ul style="list-style-type: none"> • Never have • 10 or younger • 11 • 12 • 13 • 14 • 15 • 16 • 17 or older
MTF	How old were you when you first smoked marijuana or hashish that frequently? <ul style="list-style-type: none"> • Grade 6 or earlier • Grade 7 or 8 • Grade 9 (Freshman) • Grade 10 (Sophomore)

Initiation of Use	
Survey	Marijuana Items
MTF (cont.)	<ul style="list-style-type: none"> • Grade 11 (Junior) • Grade 12 (Senior) <p>When (if ever) did you FIRST do each of the following things? Don't count anything you took because a doctor told you to. Try marijuana or hashish</p> <ul style="list-style-type: none"> • Never • Grade 6 or below • Grade 7 • Grade 8 • Grade 9 (Freshman) • Grade 10 (Sophomore) • Grade 11 (Junior) • Grade 12 (Senior)
NHANES	<p>How old were you the first time you used marijuana or hashish? _____</p> <p>How old were you when you started smoking marijuana or hashish at least once a month for one year? _____</p>
NSDUH	<p>How old were you the first time you used marijuana or hashish? _____</p> <p>In what month did you first use marijuana or hashish? _____</p>
Pride	<p>Grades 6–12:</p> <p>At what age did you first smoke marijuana?</p> <ul style="list-style-type: none"> • Never used • 10 or under • 11 • 12 • 13 • 14 • 15 • 16 • 17 or older

Initiation of Use	
Survey	Marijuana Items
YRBSS	<p>Standard High School, National High School:</p> <p>How old were you when you tried marijuana for the first time?</p> <ul style="list-style-type: none"> • I have never tried marijuana • 8 years old or younger • 9 or 10 years old • 11 or 12 years old • 13 or 14 years old • 15 or 16 years old • 17 years old or older <p>Middle School:</p> <p>How old were you when you tried marijuana for the first time?</p> <ul style="list-style-type: none"> • I have never tried marijuana • 8 years old or younger • 9 years old • 10 years old • 11 years old • 12 years old • 13 years old

Past 30-Day Use	
Survey	Marijuana Items
ADAS	<p>How often in the last month have you used marijuana?</p> <ul style="list-style-type: none"> • None • 1-2 times • 3-9 times • 10-19 times • 20 or more times • Several times every day
CTC	<p>On how many occasions (if any) have you: Used marijuana (weed, pot) or hashish (hash, hash oil) during the past 30 days?</p> <ul style="list-style-type: none"> • 0 occasions • 1 or 2 occasions • 3 to 5 occasions • 6 to 9 occasions • 10 to 19 occasions

Past 30-Day Use	
Survey	Marijuana Items
CTC (cont.)	<ul style="list-style-type: none"> • 20 to 39 occasions • 40 or more occasions
MTF	<p>On how many occasions (if any) have you used marijuana (weed, pot) or hashish (hash, hash oil). . .during the last 30 days?</p> <ul style="list-style-type: none"> • 0 occasions • 1-2 • 3-5 • 6-9 • 10-19 • 20-39 • 40 or more <p>On how many occasions (if any) have you used hashish. . .during the last 30 days?</p> <ul style="list-style-type: none"> • 0 occasions • 1-2 • 3-5 • 6-9 • 10-19 • 20-39 • 40 or more <p>On how many occasions (if any) have you used marijuana. . .during the last 30 days?</p> <ul style="list-style-type: none"> • 0 occasions • 1-2 • 3-5 • 6-9 • 10-19 • 20-39 • 40 or more <p>During the last month, about how many marijuana cigarettes (joints, reefers), or the equivalent, did you smoke a day, on the average? (If you shared them with other people, count only the amount YOU smoked.)</p> <ul style="list-style-type: none"> • None • Less than 1 a day • 1 a day • 2-3 a day • 4-6 a day • 7-10 a day • 11 or more a day

Past 30-Day Use	
Survey	Marijuana Items
MTF (cont.)	<p>Do you know how much marijuana you have used (in ounces) during the LAST MONTH?</p> <ul style="list-style-type: none"> • Don't know • None • Less than ½ ounce • About 1 ounce • About 2 ounces • 3 to 5 ounces • 6 or more ounces
NHANES	During the past 30 days, on how many days did you use marijuana or hashish? _____
NSDUH	During the past 30 days, that is, since [DATEFILL], on how many days did you use marijuana or hashish? _____
YRBSS	<p>Standard High School, National High School:</p> <p>During the past 30 days, how many times did you use marijuana?</p> <ul style="list-style-type: none"> • 0 times • 1 or 2 times • 3 to 9 times • 10 to 19 times • 20 to 39 times • 40 or more times

Past Year Use	
Survey	Marijuana Items
ADAS	<p>How often in the last 12 months have you used marijuana?</p> <ul style="list-style-type: none"> • None • 1-2 times • 3-9 times • 10-19 times • 20-49 times • 50 or more times
MTF	<p>On how many occasions (if any) have you used marijuana (weed, pot) or hashish (hash, hash oil). . .during the last 12 months?</p> <ul style="list-style-type: none"> • 0 occasions • 1-2

Past Year Use	
Survey	Marijuana Items
MTF (cont.)	<ul style="list-style-type: none"> • 3-5 • 6-9 • 10-19 • 20-39 • 40 or more <p>During the LAST 12 MONTHS, on how many occasions (if any) have you . . . taken "synthetic marijuana" ("K2," "Spice") to get high?</p> <ul style="list-style-type: none"> • 0 occasions • 1-2 • 3-5 • 6-9 • 10-19 • 20-39 • 40 or more <p>On how many occasions (if any) have you used hashish. . . during the last 12 months?</p> <ul style="list-style-type: none"> • 0 occasions • 1-2 • 3-5 • 6-9 • 10-19 • 20-39 • 40 or more <p>On how many occasions (if any) have you used marijuana. . . during the last 12 months?</p> <ul style="list-style-type: none"> • 0 occasions • 1-2 • 3-5 • 6-9 • 10-19 • 20-39 • 40 or more
NSDUH	<p>On how many days in the past 12 months did you use marijuana or hashish? _____</p> <p>On average, how many days did you use marijuana or hashish each month during the past 12 months? _____</p> <p>On average, how many days did you use marijuana or hashish each week during the past 12 months? _____</p> <p>During the past 12 months, was there a month or more when you spent a lot of your time getting or using marijuana or hashish? Yes/No</p>

Past Year Use	
Survey	Marijuana Items
NSDUH (cont.)	During the past 12 months, was there a month or more when you spent a lot of your time getting over the effects of the marijuana or hashish you used? Yes/No
Pride	<p>Grades 4–6:</p> <p>Within the past year how often have you smoked marijuana (pot)?</p> <ul style="list-style-type: none"> • Did Not Use • 1-6/yr • 1-2/mo • 1-7/wk <p>Grades 6–12:</p> <p>Within the past year how often have you smoked marijuana?</p> <ul style="list-style-type: none"> • Do not use • Once/year • 6 times/year • Once/month • Twice/month • Once/week • 3 times/week • Every day

Last Use	
Survey	Marijuana Items
MTF	<p>How recently did you use marijuana or hashish on a daily, or almost daily, basis for at least a month?</p> <ul style="list-style-type: none"> • During the past month • 2 months ago • 3 to 9 months ago • About 1 year ago • About 2 years ago • 3 or more years ago
NHANES	<p>How long has it been since you last smoked marijuana or hashish at least once a month for one year? _____</p> <p>How long has it been since you last used marijuana or hashish? _____</p>
NSDUH	How long has it been since you last used marijuana or hashish?

Last Use	
Survey	Marijuana Items
NSDUH (cont.)	<ul style="list-style-type: none"> • Within the past 30 days — that is, since [DATEFILL] • More than 30 days ago but within the past 12 months • More than 12 months ago

Type of User	
Survey	Marijuana Items
ADAS	<p>In using marijuana are you a . . .</p> <ul style="list-style-type: none"> • Non User • Very Light User • Light User • Moderate User • Heavy User • Very Heavy User

Form Used	
Survey	Marijuana Items
ADAS	<p>How have you used marijuana?</p> <ul style="list-style-type: none"> • I have not used it • Smoked it • Eaten it • Smoked “blunts” • Used a “bong” or other equipment • Used sinsemilia • Used hashish (hash)

Form Used	
Survey	Marijuana Items
NSDUH	<p>How old were you the first time you smoked part or all of a cigar with marijuana in it? _____</p> <p>In what month in [YEAR] did you first smoke part or all of a cigar with marijuana in it? _____</p> <p>On how many of the past 30 days, that is, since [DATEFILL], did you smoke part or all of a cigar with marijuana in it? _____</p> <p>How long has it been since you last smoked part or all of a cigar with marijuana in it?</p> <ul style="list-style-type: none"> • Within the past 30 days — that is, since [DATEFILL] • More than 30 days ago but within the past 12 months • More than 12 months ago

Perception of Drug ‘High’	
Survey	Marijuana Items
MTF	<p>When you use marijuana or hashish, how high do you usually get?</p> <ul style="list-style-type: none"> • Not at all high • A little high • Moderately high • Very high <p>When you use marijuana or hashish, how long do you usually stay high?</p> <ul style="list-style-type: none"> • Usually don’t get high • One to two hours • Three to six hours • Seven to 24 hours • More than 24 hours

Using with Alcohol	
Survey	Marijuana Items
ADAS	Have you ever done any of the following things? Used alcohol and marijuana together. Yes/No
MTF	How many of the times when you used marijuana or hashish during the last year did you use it along with alcohol—that is, so that their effects overlapped?

Using with Alcohol	
Survey	Marijuana Items
MTF (cont.)	<ul style="list-style-type: none"> • Not at all • A few of the times • Some of the times • Most of the times • Every time

Reasons for Using	
Survey	Marijuana Items
MTF	<p>What have been the most important reasons for your using marijuana or hashish? (Mark all that apply.)</p> <ul style="list-style-type: none"> • To experiment—to see what it’s like • To relax or relieve tension • To feel good or get high • To seek deeper insights and understanding • To have a good time with my friends • To fit in with a group I like • To get away from my problems or troubles • Because of boredom, nothing else to do • Because of anger or frustration • To get through the day • To increase the effects of some other drug(s) • To decrease (offset) the effects of some other drugs(s) • Because I am “hooked”—I have to have it

Medical Marijuana Use	
Survey	Marijuana Items
NSDUH	<p>Earlier, you reported using marijuana in the past year. Was any of your marijuana use in the past 12 months recommended by a doctor or other health care professional? Yes/No</p> <p>Was all of your marijuana use in the past 12 months recommended by a doctor or other health care professional? Yes/No</p>

Tolerance	
Survey	Marijuana Items
NSDUH	<p>During the past 12 months, did you need to use more marijuana or hashish than you used to in order to get the effect you wanted? Yes/No</p> <p>During the past 12 months, did you notice that using the same amount of marijuana or hashish had less effect on you than it used to? Yes/No</p>

Intent to Limit Use or Quit	
Survey	Marijuana Items
ADAS	<p>How much would you try to stop your friends from. . .Using marijuana?</p> <ul style="list-style-type: none"> • A lot • Some • Not much • Not at all
MTF	<p>Have you ever tried to stop using marijuana or hashish and found that you couldn't stop? Yes/No</p> <p>At any time during the LAST 12 MONTHS, have you felt in your own mind that you should REDUCE or STOP your use of. . .Marijuana?</p> <ul style="list-style-type: none"> • Yes • No • Haven't used in the last 12 months <p>Here are some reasons people give for not using marijuana, or for stopping use. Please tell us which reasons are true for you. (Mark all that apply.)</p> <ul style="list-style-type: none"> • Concerned about possible psychological damage • Concerned about possible physical damage • Concerned about getting arrested • Concerned about becoming addicted to marijuana • It's against my beliefs • Concerned about loss of energy or ambition • Concerned about possible loss of control of myself • It might lead to stronger drugs • Not enjoyable, I didn't like it • My parents would disapprove • My husband/wife (or boyfriend/girlfriend) would disapprove • I don't like being with the people who use it • My friends don't use it • I might have a bad trip

Intent to Limit Use or Quit	
Survey	Marijuana Items
MTF (cont.)	<ul style="list-style-type: none"> • Too expensive • Not available • Don't feel like getting high
NSDUH	<p>Were you able to keep to the limits you set, or did you often use marijuana or hashish more than you intended to?</p> <ul style="list-style-type: none"> • Usually kept to the limits set • Often used more than intended <p>During the past 12 months, did you need to use more marijuana or hashish than you used to in order to get the effect you wanted? Yes/No</p> <p>During the past 12 months, did you want to or try to cut down or stop using marijuana or hashish? Yes/No</p> <p>During the past 12 months, were you able to cut down or stop using marijuana or hashish every time you wanted to or tried to? Yes/No</p>

Anticipated Use	
Survey	Marijuana Items
CTC	<p>When I am an adult: I will smoke marijuana.</p> <ul style="list-style-type: none"> • NO! • no • yes • YES!
MTF	<p>Do you think you will be using marijuana or hashish five years from now?</p> <ul style="list-style-type: none"> • I definitely will • I probably will • I probably will not • I definitely will not <p>How likely is it that you will use marijuana in the next 12 months?</p> <ul style="list-style-type: none"> • Definitely will • Probably will • Probably will not • Definitely will not <p>In the future, do you think that you will. . . Try or use marijuana?</p> <ul style="list-style-type: none"> • Definitely will

Anticipated Use	
Survey	Marijuana Items
MTF (cont.)	<ul style="list-style-type: none"> • Probably will • Don't know • Probably won't • Definitely won't

Healthcare Professional Evaluation	
Survey	Marijuana Items
NSDUH	<p>During the past 12 months, did any doctor or other health care professional ask, either in person or on a form, if you: Use marijuana or other illegal drugs? Yes/No</p> <p>During the past 12 months, did any doctor or other health care professional talk to you about your use of marijuana? Yes/No</p>

Treatment	
Survey	Marijuana Items
NSDUH	<p>During the past 12 months, did you need treatment or counseling for your use of marijuana or hashish? Yes/No</p> <p>Are you currently receiving treatment or counseling for your use of marijuana or hashish? Yes/No</p>

Setting or Circumstance Where Used	
Survey	Marijuana Items
ADAS	<p>During the last 12 months, where have you used marijuana or any other illegal drug (except alcohol)? At weekend parties, At night with friends, Before school events, At school events (dances, games, etc.), After school events, On the way to school, During school hours at school, During school hours away from school, Right after school, While driving around, At home (parents knew), At home (parents didn't know)</p> <ul style="list-style-type: none"> • Never • 1-2 times • 3-9 times • 10 or more times

Setting or Circumstance Where Used	
Survey	Marijuana Items
ADAS (cont.)	Have you ever. . .used marijuana when alone? Yes/No
MTF	<p>When you used marijuana or hashish during the last year, how often did you use it in each of the following situations? When you were alone, With just 1 or 2 other people, At a party, When your date or spouse was present, When people over age 30 were present, During the daytime (before 4:00 p.m.), At your home (or apartment or dorm), At school, In a car, At a park or beach</p> <ul style="list-style-type: none"> • Not at all • A few of the times • Some of the times • Most of the times • Every time <p>During the LAST FOUR WEEKS, on how many days (if any) were you. . . Under the influence of marijuana or some other illegal drug while you were at school?</p> <ul style="list-style-type: none"> • None • One day • Two days • 3-5 days • 6-9 days • 10 or more days
Pride	<p>Grades 4–6:</p> <p>While <i>at</i> school have you smoked marijuana?</p> <ul style="list-style-type: none"> • No • One Time • Two or More <p>While <i>not</i> at school have you smoked marijuana?</p> <ul style="list-style-type: none"> • No • One Time • Two or More <p>Grades 6–12:</p> <p>Where do you usually smoke marijuana?</p> <ul style="list-style-type: none"> • Do not use • At home • At school • In a car • Friend’s house • Other

Setting or Circumstance Where Used	
Survey	Marijuana Items
Pride (cont.)	<p>When do you usually smoke marijuana?</p> <ul style="list-style-type: none"> • Do not use • Before school • During school • After school • Week nights • Weekends

Driving Under the Influence (Self)	
Survey	Marijuana Items
MTF	<p>Within the LAST 12 MONTHS, how many times, if any, have you received a ticket (OR been stopped and warned) for moving violations, such as speeding, running a stop light, or improper passing?</p> <ul style="list-style-type: none"> • None • Once • Twice • Three times • Four or more times <p>How many of these tickets or warnings occurred after you were. . .Smoking marijuana or hashish?</p> <ul style="list-style-type: none"> • None • One • Two • Three • Four or more <p>During the LAST 12 MONTHS, how many accidents have you had while you were driving (whether or not you were responsible)?</p> <ul style="list-style-type: none"> • None • One • Two • Three • Four or more <p>How many of these accidents occurred after you were. . .Smoking marijuana or hashish?</p> <ul style="list-style-type: none"> • None • One

Driving Under the Influence (Self)	
Survey	Marijuana Items
MTF (cont.)	<ul style="list-style-type: none"> • Two • Three • Four or more <p>During the LAST TWO WEEKS, how many times have you driven a car, truck, or motorcycle after. . . Smoking marijuana?</p> <ul style="list-style-type: none"> • None • Once • Twice • 3-5 times • 6-9 times • 10 or more
NSDUH	During the past 12 months, have you driven a vehicle while you were under the influence of marijuana? Yes/No
YRBSS	<p>National High School:</p> <p>During the past 30 days, how many times did you drive a car or other vehicle when you had been using marijuana (also called grass, pot, or weed)?</p> <ul style="list-style-type: none"> • I did not drive a car or other vehicle during the past 30 days • 0 times • 1 time • 2 or 3 times • 4 or 5 times • 6 or more times

Driving Under the Influence (Passenger)	
Survey	Marijuana Items
MTF	<p>During the LAST TWO WEEKS, how many times (if any) have you been a passenger in a car. . . When the driver had been smoking marijuana?</p> <ul style="list-style-type: none"> • None • Once • Twice • 3-5 times • 6-9 times • 10 or more

Perception of Sibling Use	
Survey	Marijuana Items
CTC	<p>Have any of your brothers or sisters ever: Smoked marijuana?</p> <ul style="list-style-type: none"> • No • Yes • I don't have any brothers or sisters

Perception of Peer Use	
Survey	Marijuana Items
ADAS	<p>How many of your friends do each of the following. . .Use marijuana?</p> <ul style="list-style-type: none"> • None • A few • Most of them • All of them <p>How often have your friends asked you to use. . .Marijuana?</p> <ul style="list-style-type: none"> • Very Often • Some • Not Very Often • Not at all
CTC	<p>Think of your four best friends (the friends you feel closest to). In the past year (12 months), how many of your best friends have: Used marijuana?</p> <ul style="list-style-type: none"> • None • 1 • 2 • 3 • 4
MTF	<p>How many of your friends would you estimate. . . Smoke marijuana (pot, grass) or hashish?</p> <ul style="list-style-type: none"> • None • A few • Some • Most • All <p>How many of your friends would you estimate. . . Smoke marijuana (pot, weed) or hashish?</p> <ul style="list-style-type: none"> • None

Perception of Peer Use	
Survey	Marijuana Items
MTF (cont.)	<ul style="list-style-type: none"> • A few • Some • Most • All <p>How many people in the following groups would you guess use illicit drugs (like marijuana, cocaine, etc.) occasionally or regularly? Students in your school</p> <ul style="list-style-type: none"> • 0% to 10% • 11% to 30% • 31% to 50% • 51% to 70% • 71% to 90% • 91% to 100% • Have no idea <p>How many of your friends would you estimate. . . Smoke marijuana or hashish?</p> <ul style="list-style-type: none"> • None • A few • Some • Most • All
NSDUH	<p>How many of the students in your grade at school would you say use marijuana or hashish?</p> <ul style="list-style-type: none"> • None of them • A few of them • Most of them • All of them
Pride	<p>Grades 6–12:</p> <p>Do your friends use marijuana (pot, hash, etc.)?</p> <ul style="list-style-type: none"> • Never • Seldom • Sometimes • Often • A Lot

Perception of Celebrity Use	
Survey	Marijuana Items
MTF	<p>How many people in the following groups would you guess use illicit drugs (like marijuana, cocaine, etc.) occasionally or regularly? Professional athletes, Rock music performers, Actors and actresses</p> <ul style="list-style-type: none"> • 0% to 10% • 11% to 30% • 31% to 50% • 51% to 70% • 71% to 90% • 91% to 100% • Have no idea

Perception of Marijuana Users	
Survey	Marijuana Items
MTF	<p>Do YOU think that people who smoke marijuana several times a week tend to be. . . more creative than average? less sensible than average? more interesting people than average? less hard-working than average? more independent than average? more emotionally unstable than average? more concerned about other people than average? more weak-willed than average? more criminal than average?</p> <ul style="list-style-type: none"> • No • Yes • Not sure, no opinion

Disapproval of Use	
Survey	Marijuana Items
CTC	<p>How wrong do you think it is for someone your age to: Smoke marijuana?</p> <ul style="list-style-type: none"> • Very wrong • Wrong • A little bit wrong • Not wrong at all <p>What are the chances you would be seen as cool if you: Smoked marijuana?</p> <ul style="list-style-type: none"> • No or very little chance • Little chance • Some chance

Disapproval of Use	
Survey	Marijuana Items
CTC (cont.)	<ul style="list-style-type: none"> • Pretty good chance • Very good chance
MTF	<p>Individuals differ in whether or not they disapprove of people doing certain things. Do YOU disapprove of people (who are 18 or older) doing each of the following? Trying marijuana (pot, weed) once or twice, Smoking marijuana occasionally, Smoking marijuana regularly</p> <ul style="list-style-type: none"> • Don't disapprove • Disapprove • Strongly disapprove
NSDUH	<p>How do you feel about someone your age trying marijuana or hashish once or twice?</p> <ul style="list-style-type: none"> • Neither approve nor disapprove • Somewhat disapprove • Strongly disapprove <p>How do you feel about someone your age using marijuana once a month or more?</p> <ul style="list-style-type: none"> • Neither approve nor disapprove • Somewhat disapprove • Strongly disapprove <p>How do you feel about adults trying marijuana or hashish once or twice?</p> <ul style="list-style-type: none"> • Neither approve nor disapprove • Somewhat disapprove • Strongly disapprove

Peer Disapproval of Use	
Survey	Marijuana Items
ADAS	<p>How much would your friends try to stop you from. . .Using marijuana?</p> <ul style="list-style-type: none"> • A lot • Some • Not much • Not at all
MTF	<p>How do you think your CLOSE FRIENDS feel (or would feel) about YOU doing each of the following things? Trying marijuana (pot, weed) once or twice, Smoking marijuana occasionally, Smoking marijuana regularly</p> <ul style="list-style-type: none"> • Don't disapprove

Peer Disapproval of Use	
Survey	Marijuana Items
MTF (cont.)	<ul style="list-style-type: none"> Disapprove Strongly disapprove
NSDUH	<p>How do you think your close friends would feel about you trying marijuana or hashish once or twice?</p> <ul style="list-style-type: none"> Neither approve nor disapprove Somewhat disapprove Strongly disapprove <p>How do you think your close friends would feel about you using marijuana or hashish once a month or more?</p> <ul style="list-style-type: none"> Neither approve nor disapprove Somewhat disapprove Strongly disapprove
Pride	<p>Grades 4–6:</p> <p>Would your friends approve of you using marijuana (pot)?</p> <ul style="list-style-type: none"> No Not Sure Yes <p>Grades 6–12:</p> <p>How wrong would your friends feel it would be for you to use marijuana?</p> <ul style="list-style-type: none"> Not wrong at all A little bit wrong Wrong Very wrong

Parent Disapproval of Use	
Survey	Marijuana Items
CTC	<p>How wrong do your parents feel it would be for you to: Smoke marijuana?</p> <ul style="list-style-type: none"> Very wrong Wrong A little bit wrong Not wrong at all
NSDUH	<p>How do you think your parents would feel about you trying marijuana or hashish once or twice?</p>

Parent Disapproval of Use	
Survey	Marijuana Items
NSDUH (cont.)	<ul style="list-style-type: none"> • Neither approve nor disapprove • Somewhat disapprove • Strongly disapprove <p>How do you think your parents would feel about you using marijuana or hashish once a month or more?</p> <ul style="list-style-type: none"> • Neither approve nor disapprove • Somewhat disapprove • Strongly disapprove
Pride	<p>Grades 4–6:</p> <p>Would your parents approve of you using marijuana (pot)?</p> <ul style="list-style-type: none"> • No • Not Sure • Yes <p>Grades 6–12:</p> <p>How wrong would your parents feel it would be for you to use marijuana?</p> <ul style="list-style-type: none"> • Not wrong at all • A little bit wrong • Wrong • Very wrong

Adult Disapproval of Use	
Survey	Marijuana Items
CTC	<p>How wrong would most adults (over 21) in your neighborhood think it was for kids your age: To use marijuana?</p> <ul style="list-style-type: none"> • Very wrong • Wrong • A little bit wrong • Not wrong at all

Perception of Adults' Use	
Survey	Marijuana Items
CTC	<p>About how many adults (over 21) have you known personally who in the past year have: Used marijuana, crack, cocaine, or other drugs?</p> <ul style="list-style-type: none"> • None • 1 adult • 2 adults • 3 or 4 adults • 5 or more adults

Parent Perception of Child's Use	
Survey	Marijuana Items
NSDUH	<p>In the past 12 months, do you think your child has used any marijuana or hashish, even once? Yes/No</p>

Perception of Harm	
Survey	Marijuana Items
ADAS	<p>How much do you think people harm themselves if they. . .Use marijuana 1-2 times? Use marijuana regularly?</p> <ul style="list-style-type: none"> • No harm • Very little harm • Some harm • A lot of harm • I don't know
CTC	<p>How much do you think people risk harming themselves (physically or in other ways) if they: Try marijuana once or twice? Smoke marijuana regularly?</p> <ul style="list-style-type: none"> • No risk • Slight risk • Moderate risk • Great risk
MTF	<p>How much do you think people risk harming themselves (physically or in other ways), if they. . .Try marijuana once or twice, Smoke marijuana occasionally, Smoke marijuana regularly, Try "synthetic marijuana" ("K2," "Spice") once or twice, Take "synthetic marijuana" occasionally?</p>

Perception of Harm	
Survey	Marijuana Items
MTF (cont.)	<ul style="list-style-type: none"> • No risk • Slight risk • Moderate risk • Great risk • Can't say, drug unfamiliar <p>How much do you think people risk harming themselves (physically or in other ways), if they. . .Try marijuana once or twice, Smoke marijuana occasionally, Smoke marijuana regularly</p> <ul style="list-style-type: none"> • No risk • Slight risk • Moderate risk • Great risk • Can't say, drug unfamiliar <p>How much do you think people risk harming themselves (physically or in other ways), if they. . .Try marijuana (pot, weed) once or twice, Smoke marijuana occasionally, Smoke marijuana regularly</p> <ul style="list-style-type: none"> • No risk • Slight risk • Moderate risk • Great risk • Can't say, drug unfamiliar
NSDUH	<p>How much do people risk harming themselves physically and in other ways when they: Smoke marijuana once a month? Smoke marijuana once or twice a week?</p> <ul style="list-style-type: none"> • No Risk • Slight Risk • Moderate Risk • Great Risk
Pride	<p>Grades 4–6:</p> <p>Do you think that using marijuana (pot) is harmful to your health? No/Yes</p> <p>Grades 6–12:</p> <p>Do you feel that using marijuana is harmful to your health?</p> <ul style="list-style-type: none"> • No harm • Some harm • Harmful • Very harmful

Perceived Risk of Getting Caught	
Survey	Marijuana Items
CTC	<p>If a kid smoked marijuana in your neighborhood, would he or she be caught by the police?</p> <ul style="list-style-type: none"> • NO! • no • yes • YES!

Problems Associated with Use	
Survey	Marijuana Items
ADAS	<p>Has your use of marijuana or other drugs ever caused you to have any of the following problems? Get a traffic ticket? Have a car crash? Get arrested? Have money problems? Gotten you in trouble in school? Hurt your school work? Fight with other kids? Fight with your parents? Damaged a friendship? Have a “bad trip”? Made you break something? Did something sexual that you later wished you hadn’t? Hurt yourself? Hurt someone else?</p> <ul style="list-style-type: none"> • No • 1-2 times • 3-9 times • 10 or more times
MTF	<p>Has your use of marijuana ever caused any of the following problems for you? (Yes/No)</p> <ul style="list-style-type: none"> • Caused you to behave in ways that you later regretted • Hurt your relationship with your parents • Hurt your relationship with your spouse, fiancée, or girlfriend/boyfriend • Hurt your relationships with your friends • Hurt your relationships with teachers or supervisors • Involved you with people you think are a bad influence on you • Hurt your performance in school and/or on the job • Caused you to be less interested in other activities than you were before • Caused you to be less stable emotionally • Caused you to have less energy • Interfered with your ability to think clearly • Had other bad psychological effects • Caused your physical health to be bad • Caused you to drive unsafely • Gotten you into trouble with the police • Caused you none of the above problems

Problems Associated with Use	
Survey	Marijuana Items
NSDUH	<p>During the past 12 months, did you have any problems with your emotions, nerves, or mental health that were probably caused or made worse by your use of marijuana or hashish? Yes/No</p> <ul style="list-style-type: none"> Did you continue to use marijuana or hashish even though you thought it was causing you to have problems with your emotions, nerves, or mental health? Yes/No <p>During the past 12 months, did you have any physical health problems that were probably caused or made worse by your use of marijuana or hashish? Yes/No</p> <ul style="list-style-type: none"> Did you continue to use marijuana or hashish even though you thought it was causing you to have physical problems? Yes/No <p>During the past 12 months, did you regularly use marijuana or hashish and then do something where using marijuana or hashish might have put you in physical danger? Yes/No</p> <p>Sometimes people who use marijuana or hashish have serious problems at home, work or school — such as: neglecting their children, missing work or school, doing a poor job at work or school, losing a job or dropping out of school. During the past 12 months, did using marijuana or hashish cause you to have serious problems like this either at home, work, or school? Yes/No</p> <p>During the past 12 months, did you have any problems with family or friends that were probably caused by your use of marijuana or hashish? Yes/No</p> <ul style="list-style-type: none"> Did you continue to use marijuana or hashish even though you thought it caused problems with family or friends? Yes/No <p>During the past 12 months, did using marijuana or hashish cause you to do things that repeatedly got you in trouble with the law? Yes/No</p> <p>This question is about important activities such as working, going to school, taking care of children, doing fun things such as hobbies and sports, and spending time with friends and family. During the past 12 months, did using marijuana or hashish cause you to give up or spend less time doing these types of important activities? Yes/No</p>

Legalization Attitudes	
Survey	Marijuana Items
MTF	<p>Do you think that people (who are 18 or older) should be prohibited by law from doing each of the following? Smoking marijuana (pot, weed) in private, Smoking marijuana in public places</p> <ul style="list-style-type: none"> No

Legalization Attitudes	
Survey	Marijuana Items
MTF (cont.)	<ul style="list-style-type: none"> • Not sure • Yes <p>In particular, there has been a great deal of public debate about whether marijuana use should be legal. Not counting “medical marijuana” (with a doctor’s prescription), which of the following policies would you favor?</p> <ul style="list-style-type: none"> • Using marijuana should be entirely legal • It should be a minor violation—like a parking ticket—but not a crime • It should be a crime • Don’t know <p>Aside from “medical marijuana,” if it were legal for people to USE marijuana, should it also be legal to SELL marijuana?</p> <ul style="list-style-type: none"> • No • Yes, but only to adults • Yes, to anyone • Don’t know <p>Aside from “medical marijuana,” if marijuana were legal to use and legally available, which of the following would you be most likely to do?</p> <ul style="list-style-type: none"> • Not use it, even if it were legal and available • Try it • Use it about as often as I do now • Use it more often than I do now • Use it less than I do now • Don’t know