

Section C: MSS, MACHB, PRAMS, YRBS, BRFSS, AND MTF SURVEYS

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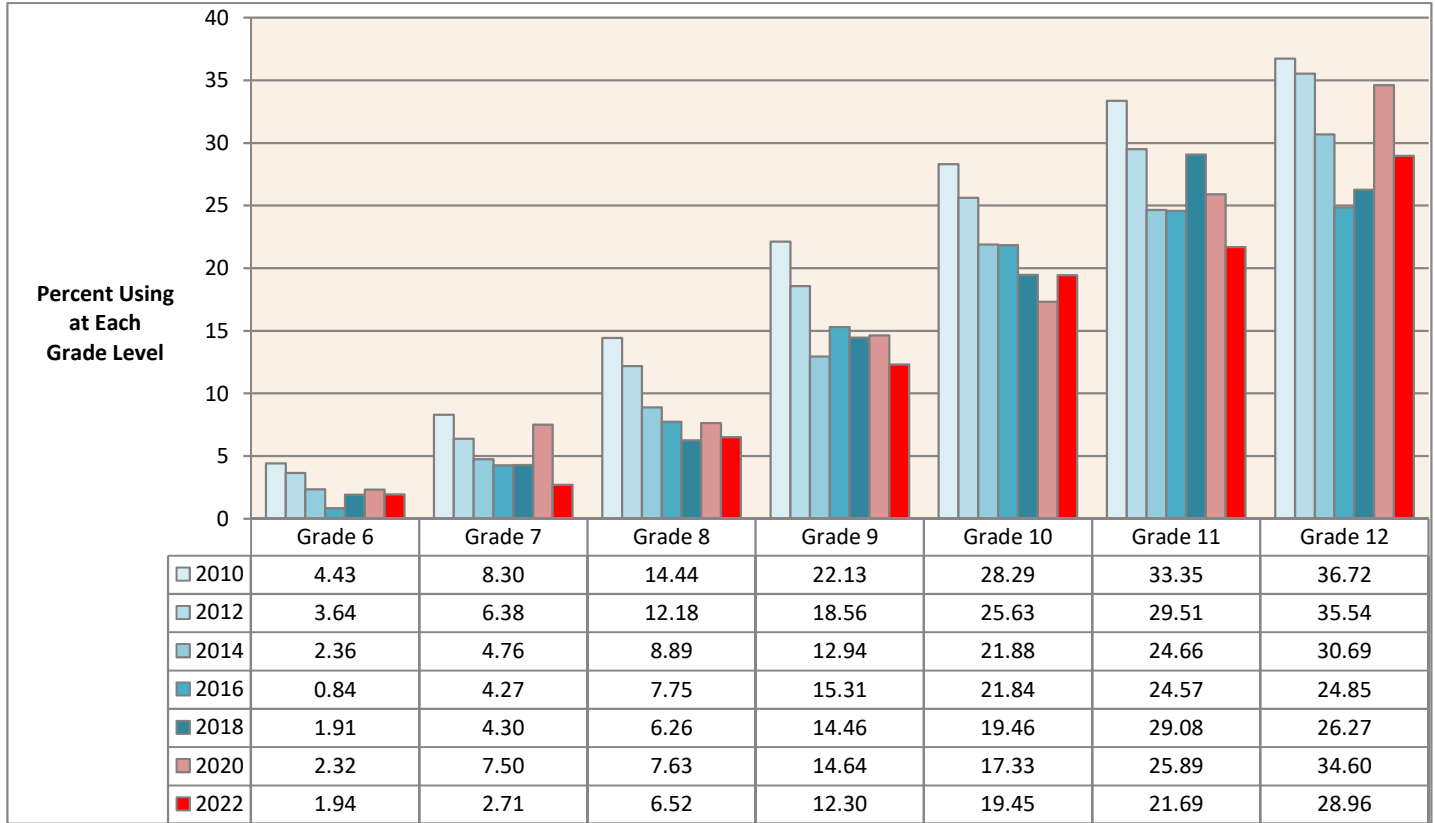
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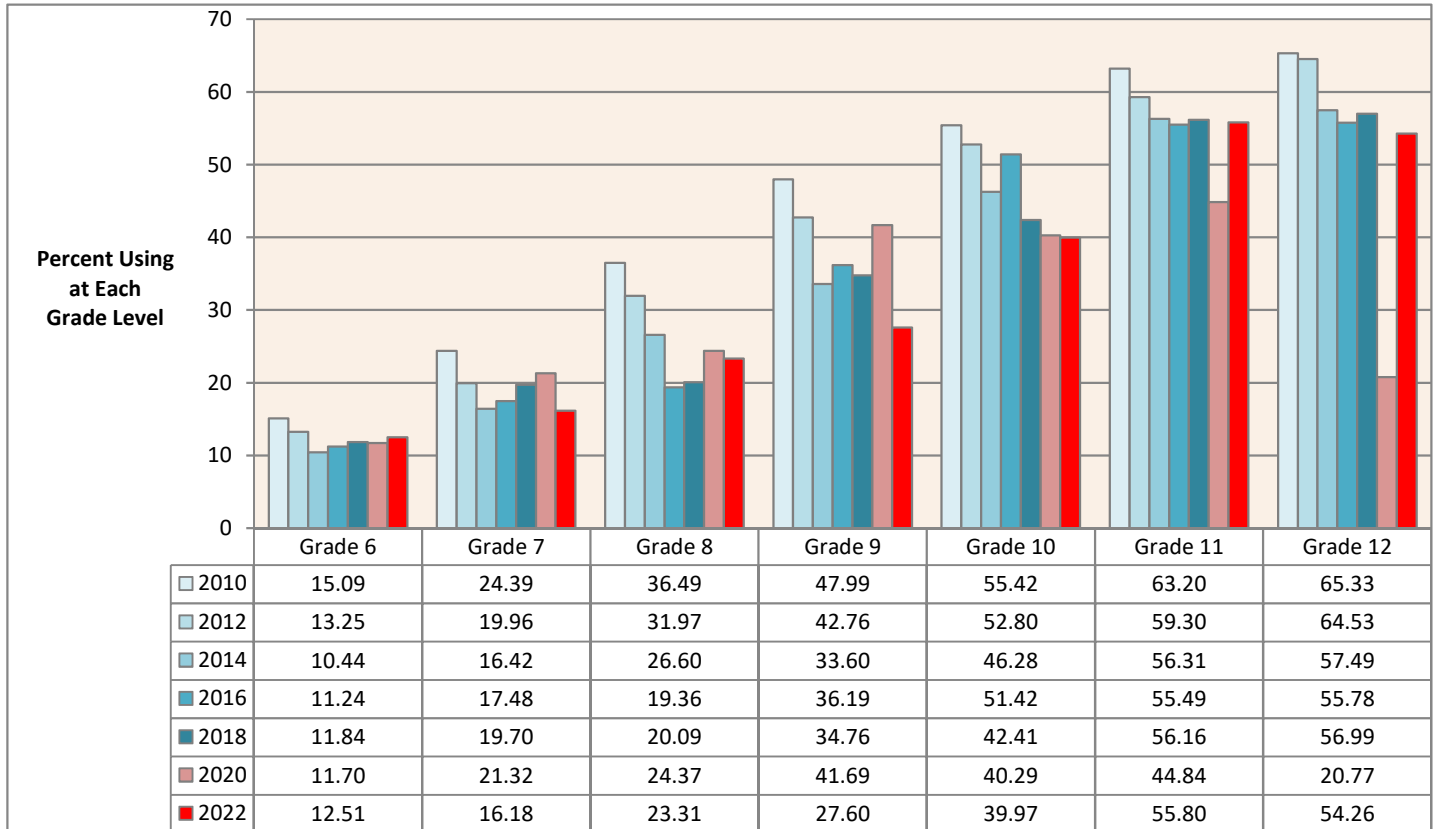
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ALCOHOL USE: MISSOURI STUDENTS IN GRADES 6-12

Past 30-Day Use of Alcohol: Missouri Students in Grades 6-12



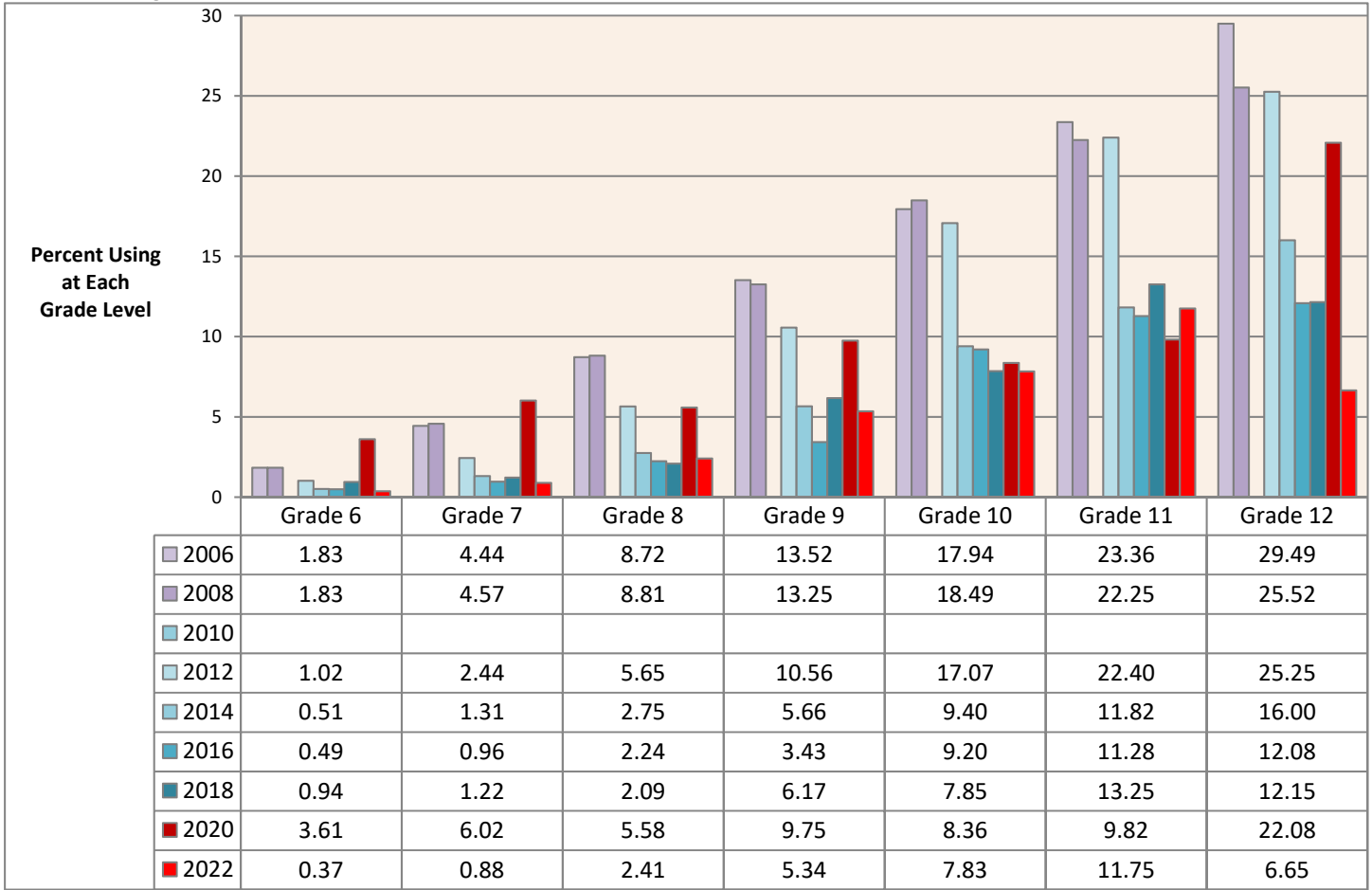
Lifetime Use of Alcohol: Missouri Students in Grades 6-12



Data Source: Missouri Institute of Mental Health. Missouri Student Survey. Data are weighted.

BINGE DRINKING: MISSOURI STUDENTS IN GRADES 6-12

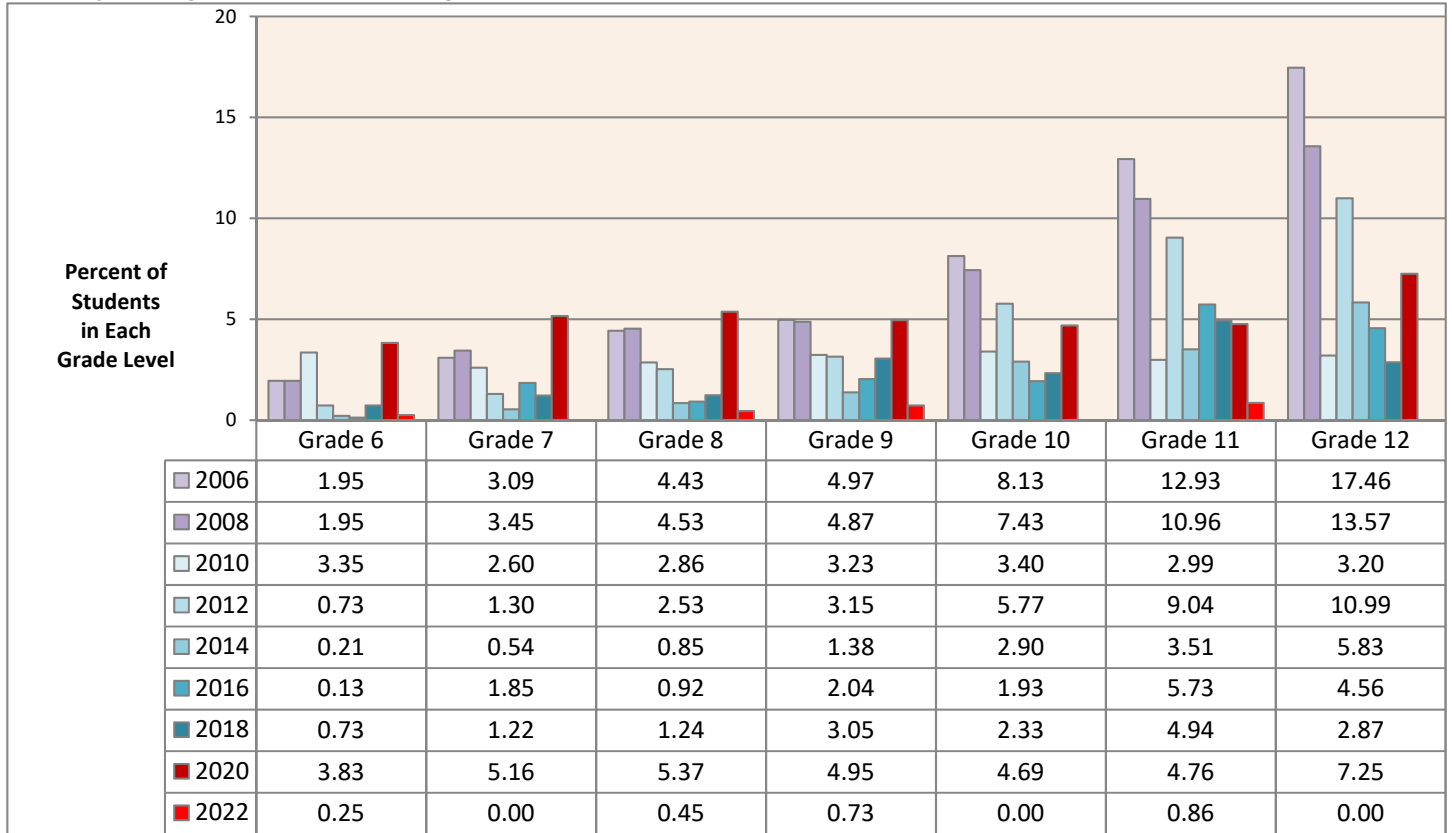
Past 2-Week Binge Alcohol Use, 5 or More Drinks on Same Occasion: Missouri Students in Grades 6-12



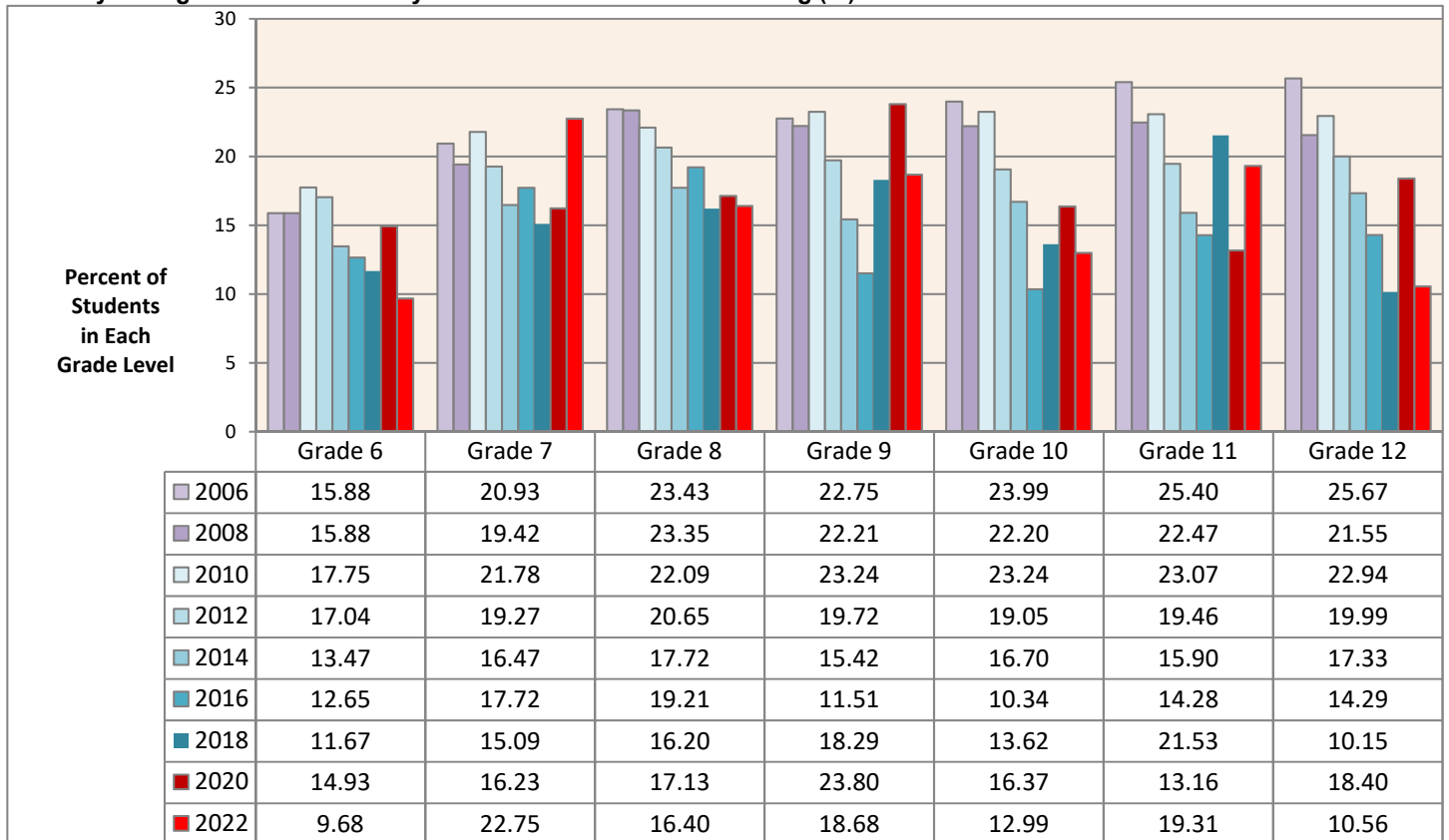
Data Source: Missouri Institute of Mental Health. Missouri Student Survey. Data are weighted. 2010 data are not available for this measure.

IMPAIRED DRIVING: MISSOURI STUDENTS IN GRADES 6-12

Past 30-Day Driving Vehicle After Drinking Alcohol (%): Missouri Students in Grades 6-12



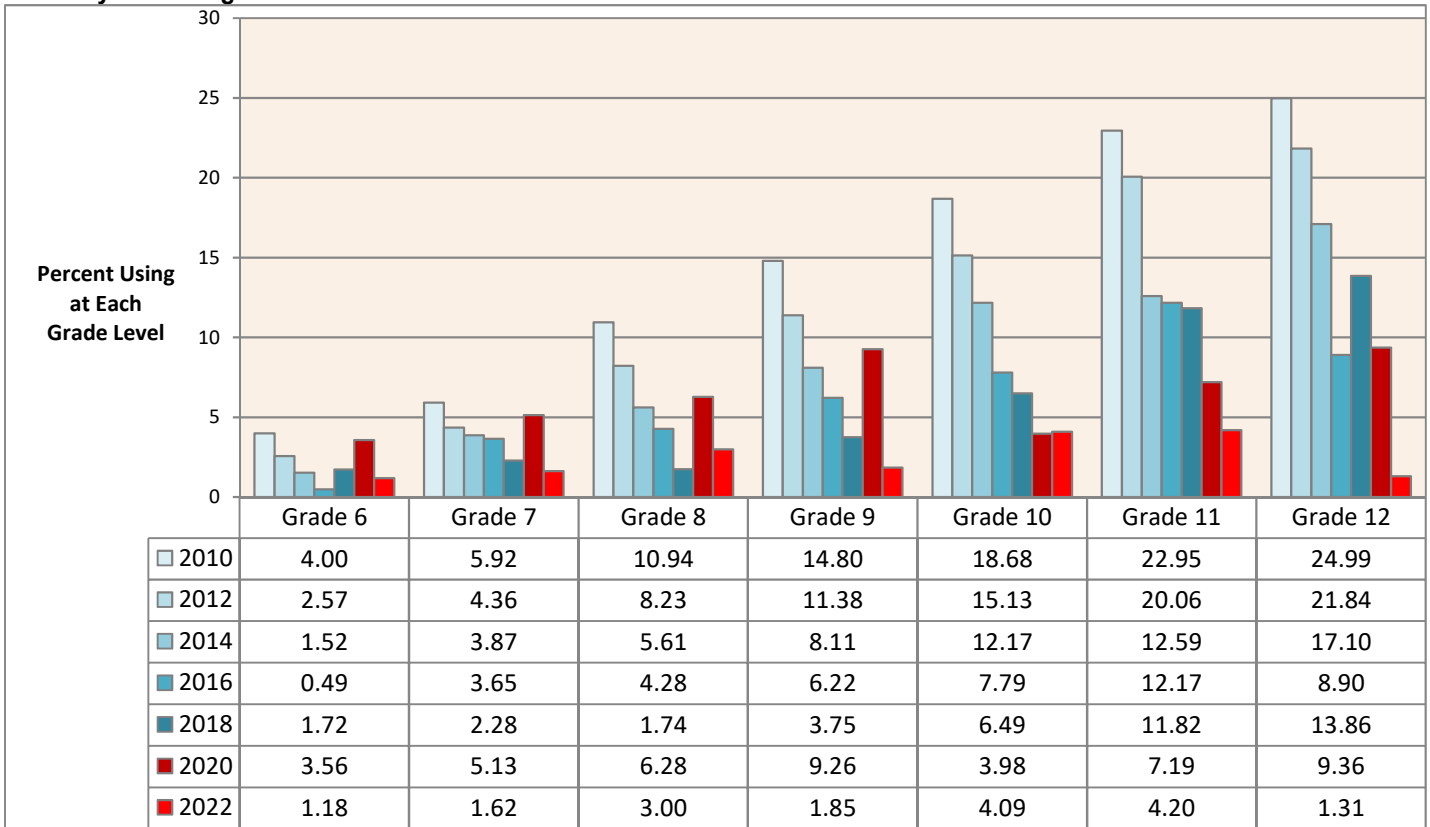
Past 30-Day Riding in Vehicle Driven by Someone Who Had Been Drinking (%): Missouri Students in Grades 6-12



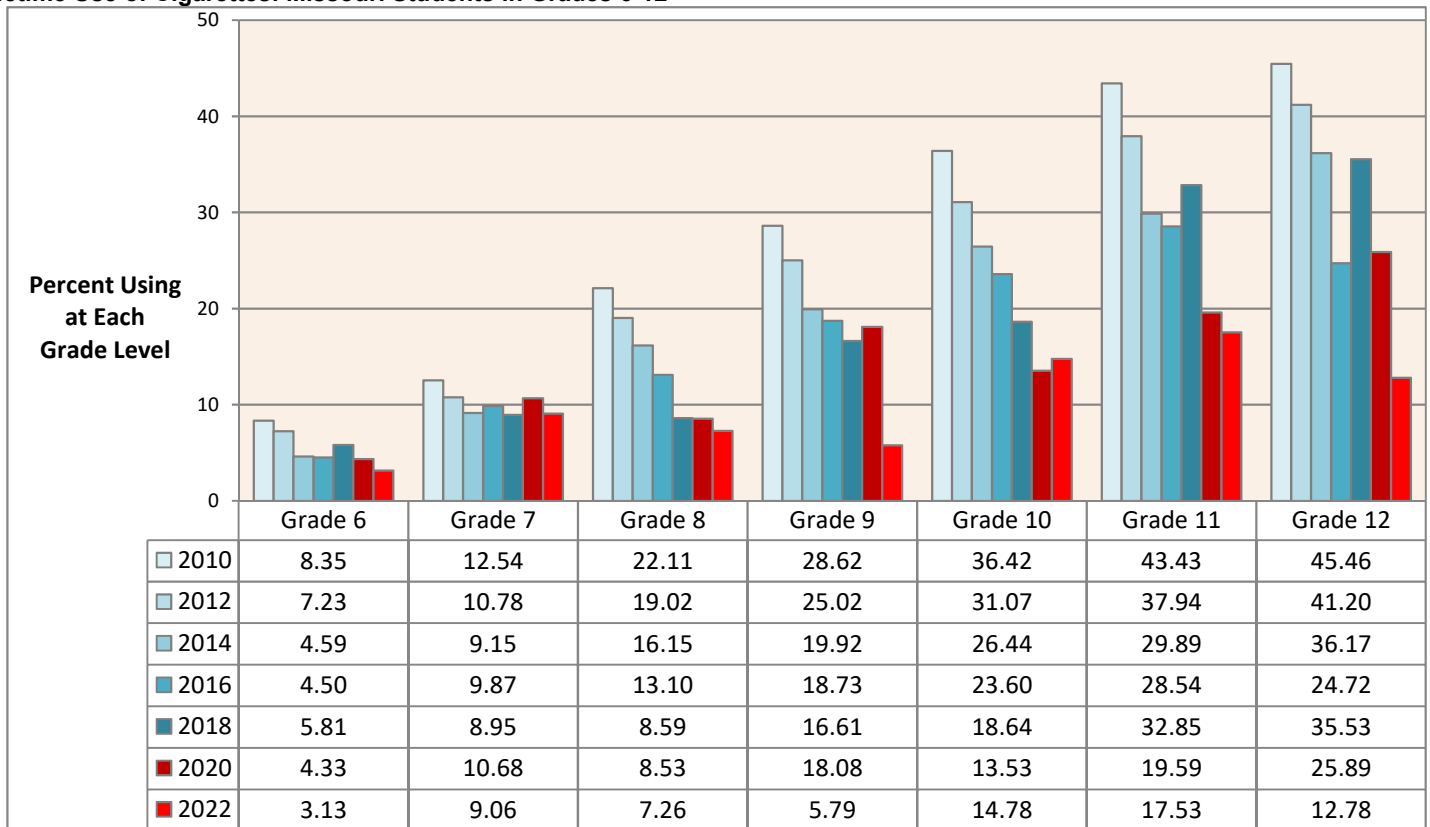
Data Source: Missouri Institute of Mental Health. Missouri Student Survey. Data are weighted.

CIGARETTE USE: MISSOURI STUDENTS IN GRADES 6-12

Past 30-Day Use of Cigarettes: Missouri Students in Grades 6-12



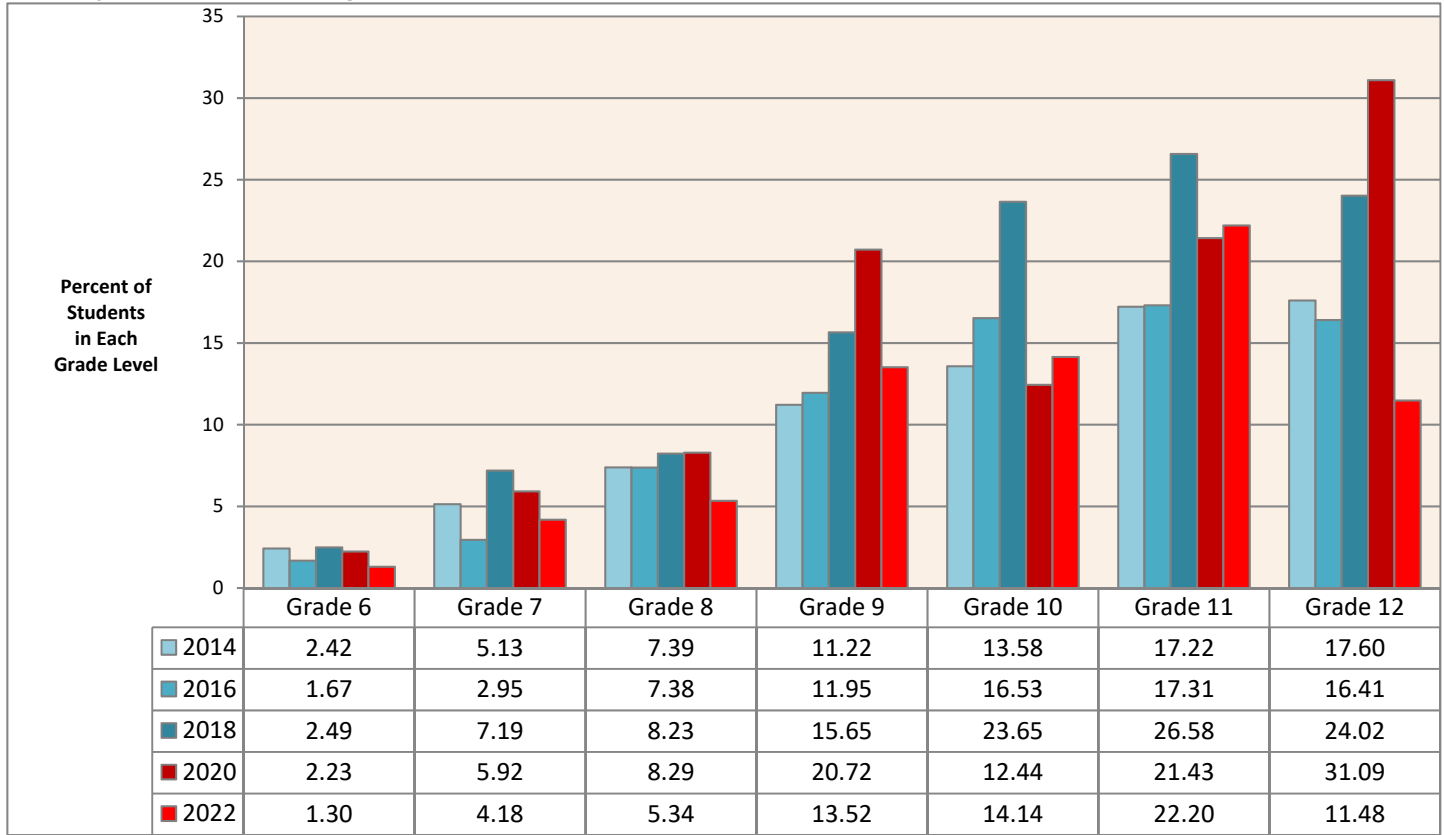
Lifetime Use of Cigarettes: Missouri Students in Grades 6-12



Data Source: Missouri Institute of Mental Health. Missouri Student Survey. Data are weighted.

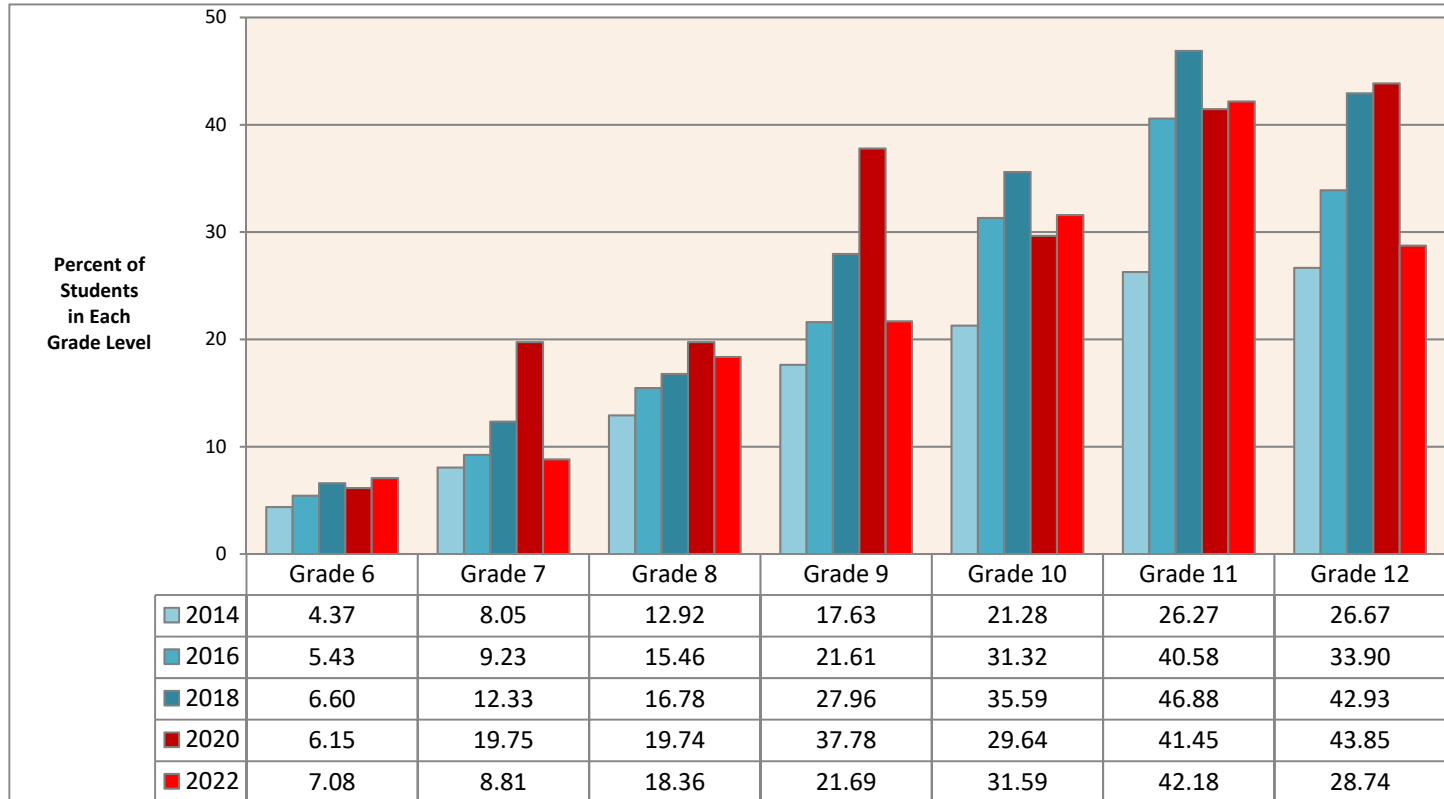
ELECTRONIC CIGARETTE USE: MISSOURI STUDENTS IN GRADES 6-12

Past 30-Day Use of Electronic Cigarettes* (%): Missouri Students in Grades 6-12



* In the MSS questionnaire, e-cigs, mods, and vapes are listed as examples of electronic cigarettes.

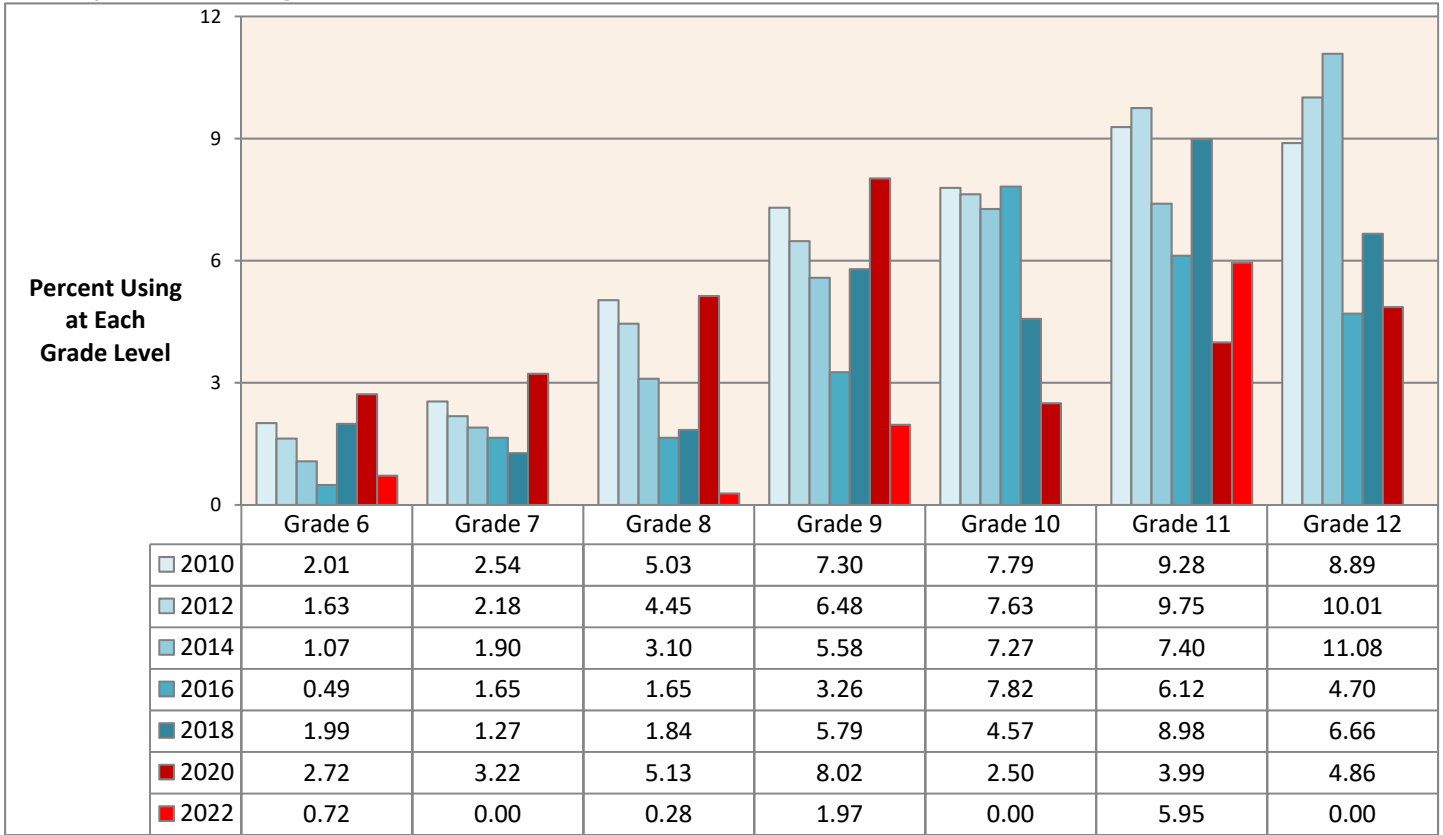
Lifetime Use of Electronic Cigarettes* (%): Missouri Students in Grades 6-12



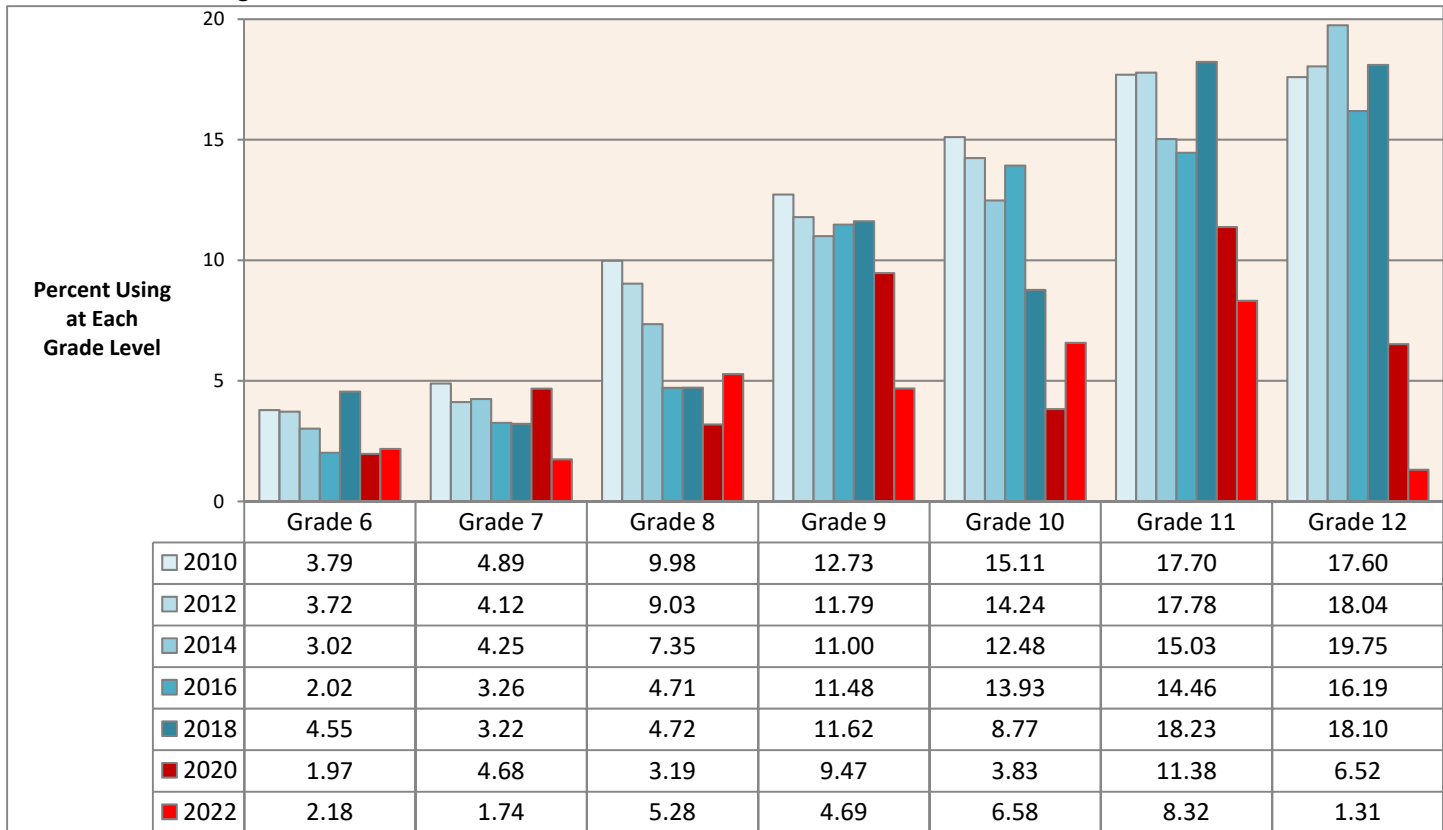
Data Source: Missouri Institute of Mental Health. Missouri Student Survey. Data are weighted.

CHEWING TOBACCO USE: MISSOURI STUDENTS IN GRADES 6-12

Past 30-Day Use of Chewing Tobacco: Missouri Students in Grades 6-12



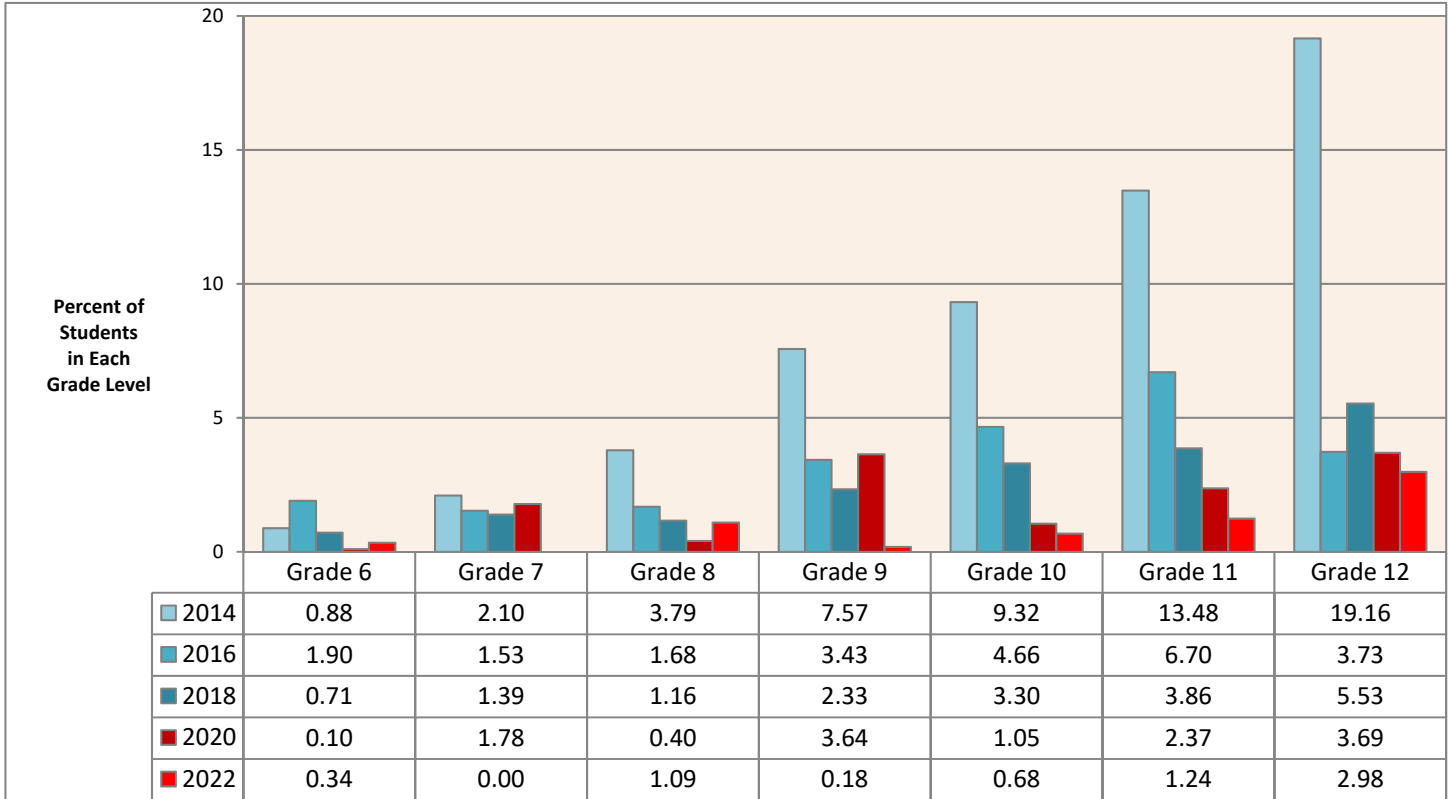
Lifetime Use of Chewing Tobacco: Missouri Students in Grades 6-12



Data Source: Missouri Institute of Mental Health. Missouri Student Survey. Data are weighted.

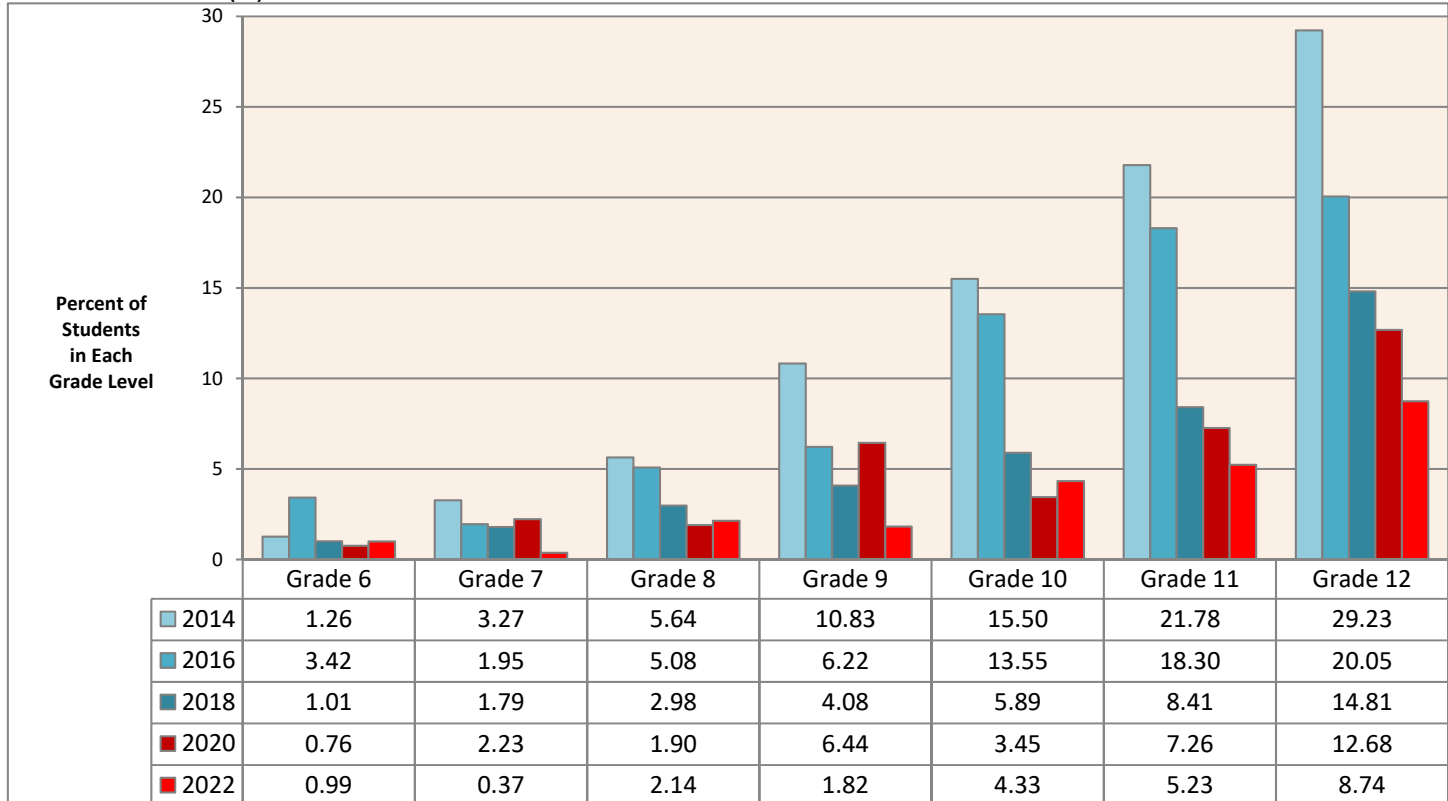
HOOKAH USE: MISSOURI STUDENTS IN GRADES 6-12

Past 30-Day Hookah Use* (%): Missouri Students in Grades 6-12



* In the MSS questionnaire, water pipes are included as hookahs.

Lifetime Hookah Use* (%): Missouri Students in Grades 6-12

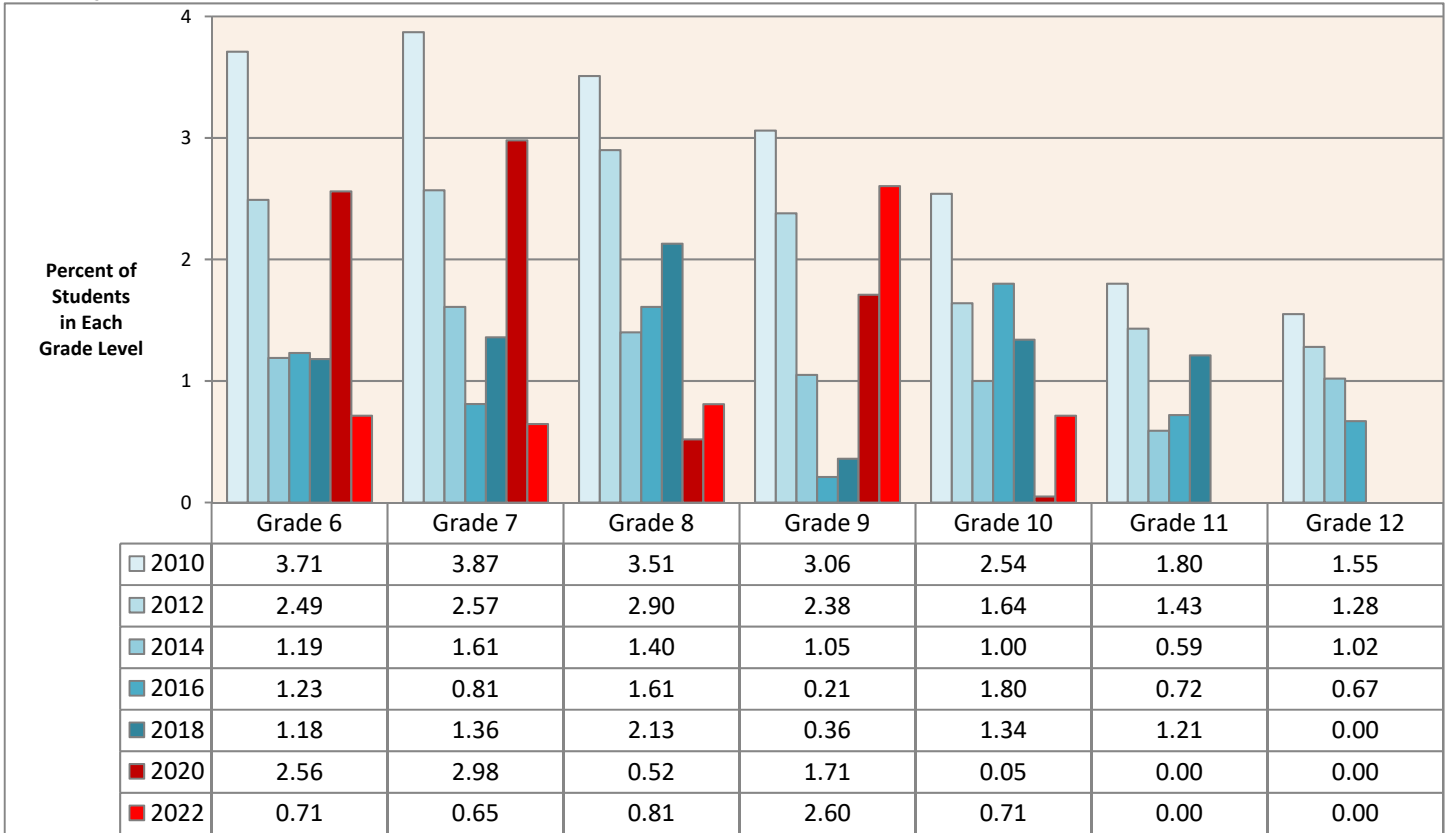


* In the MSS questionnaire, water pipes are included as hookahs.

Data Source: Missouri Institute of Mental Health. Missouri Student Survey. Data are weighted.

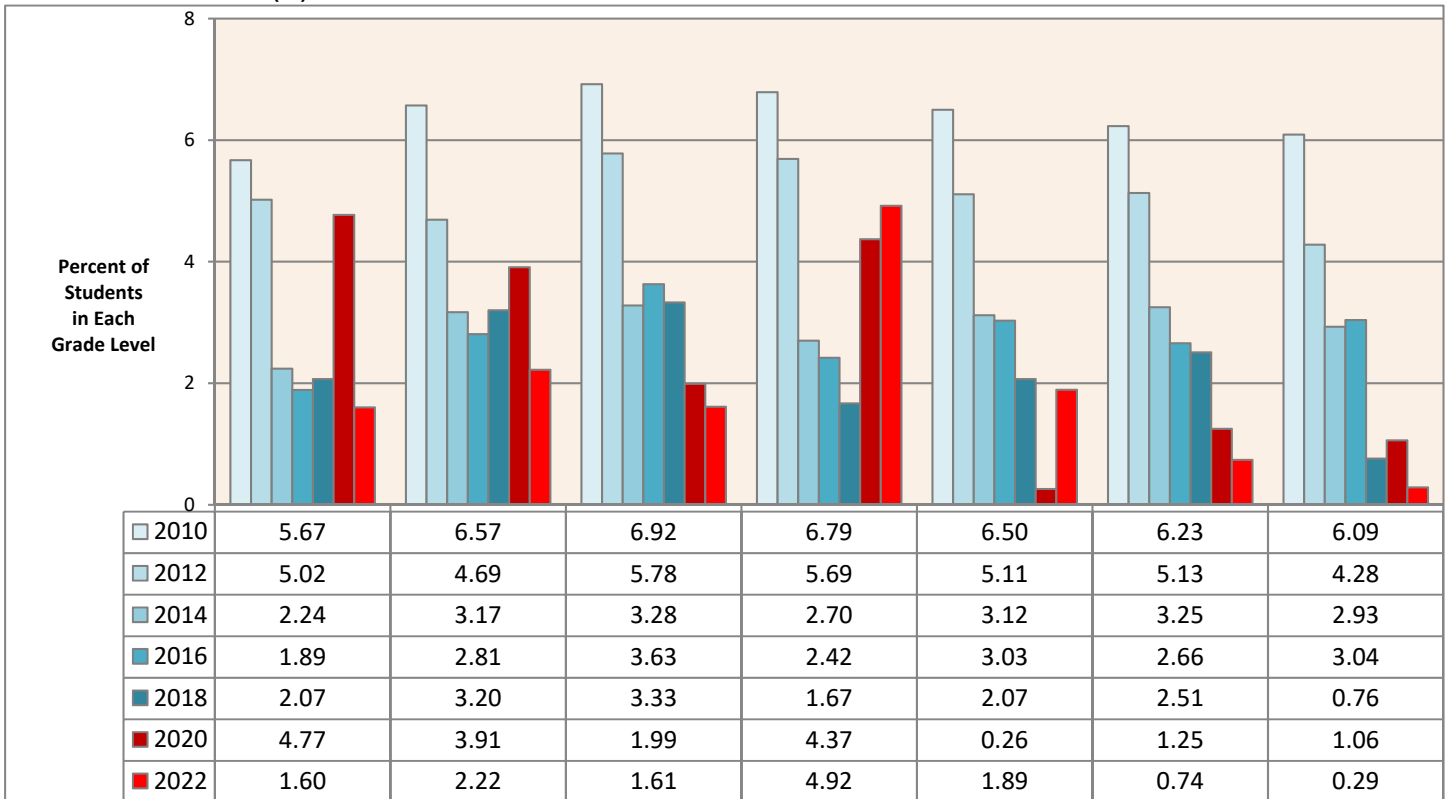
INHALANT USE: MISSOURI STUDENTS IN GRADES 6-12

Past 30-Day Use of Inhalants* (%): Missouri Students in Grades 6-12



* In the MSS questionnaire, gas in aerosol cans, whippets, gasoline, white out, glue, and marking pens are listed as examples.

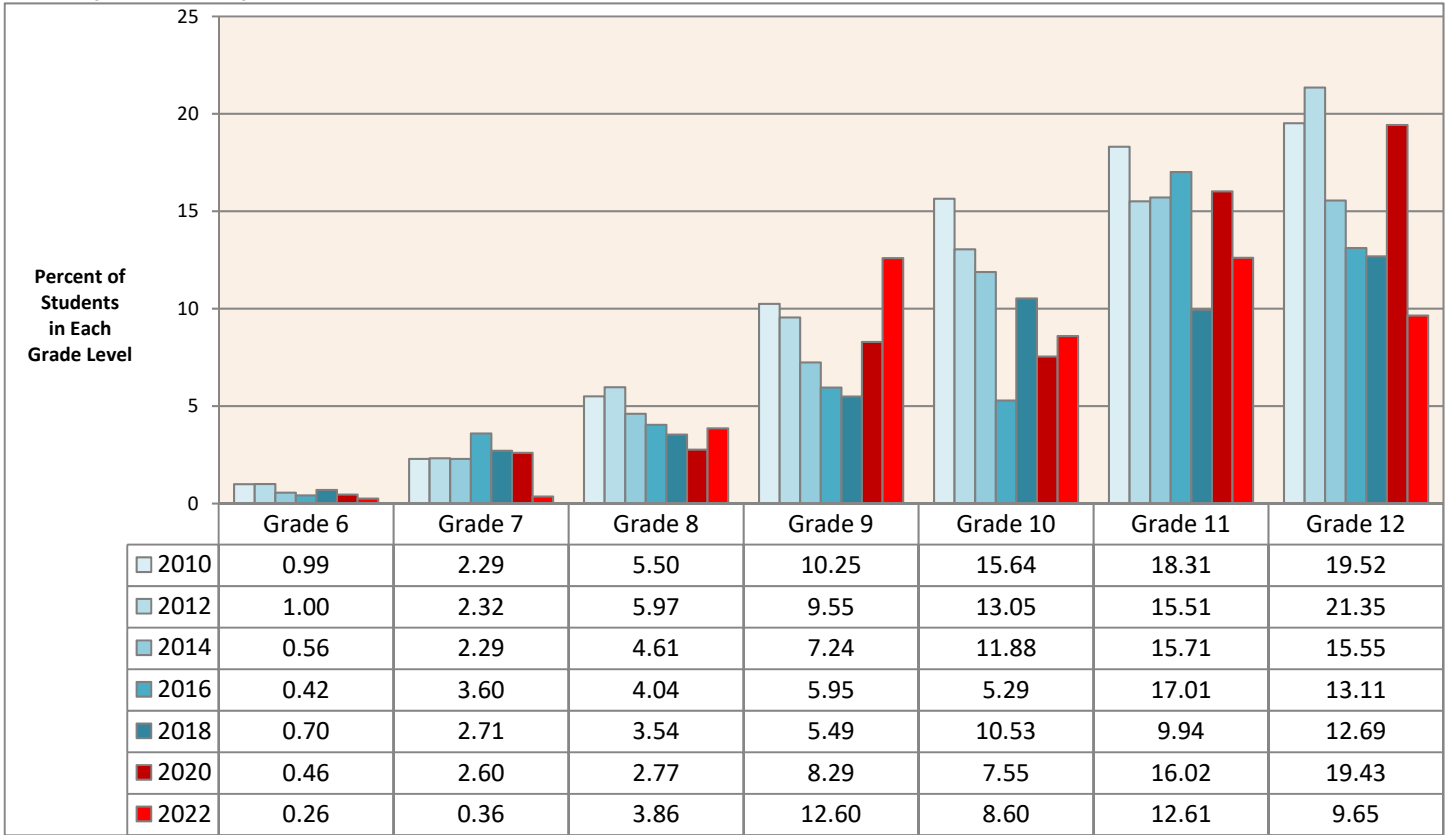
Lifetime Use of Inhalants* (%): Missouri Students in Grades 6-12



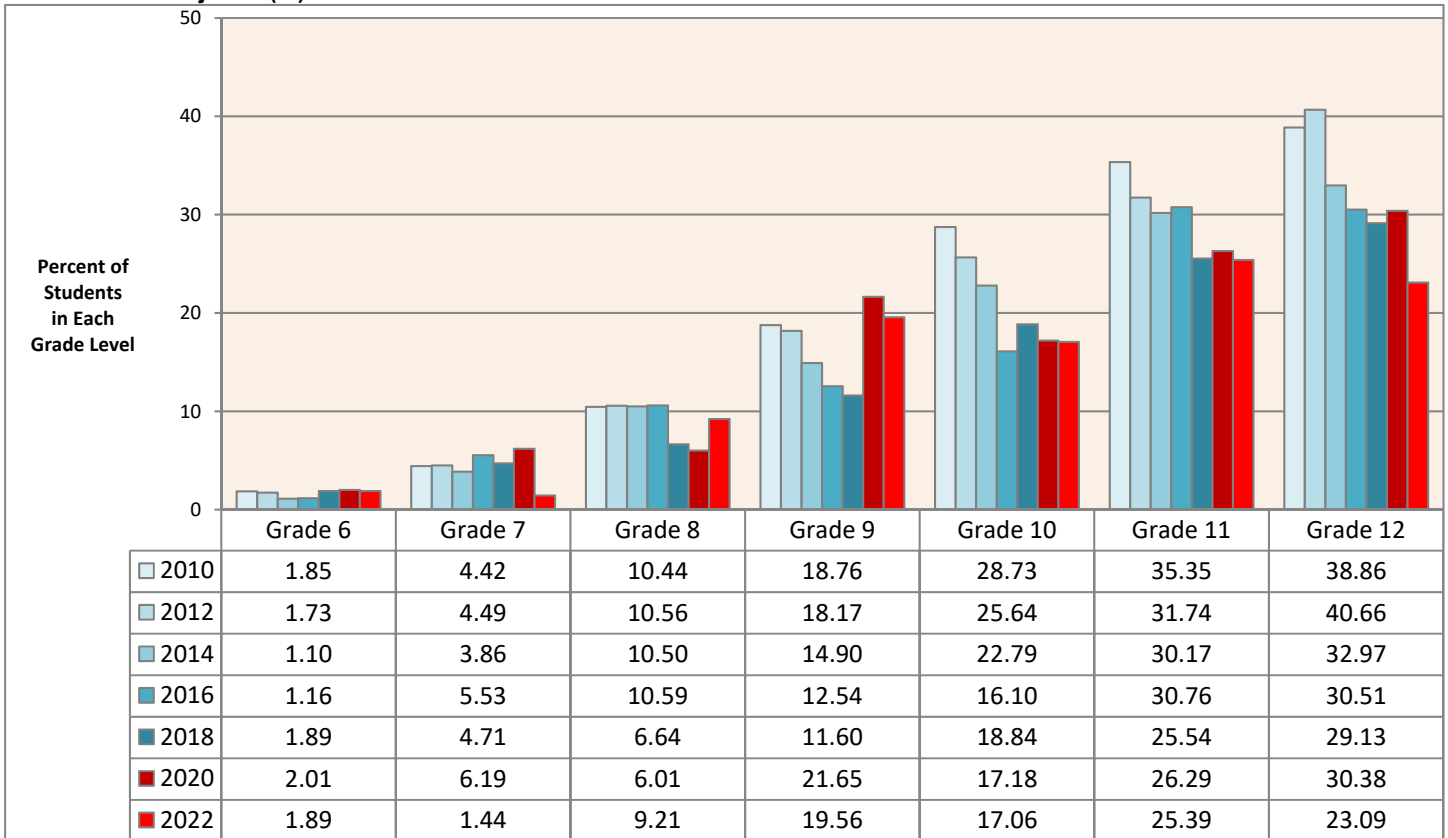
Data Source: Missouri Institute of Mental Health. Missouri Student Survey. Data are weighted.

MARIJUANA USE: MISSOURI STUDENTS IN GRADES 6-12

Past 30-Day Use of Marijuana (%): Missouri Students in Grades 6-12



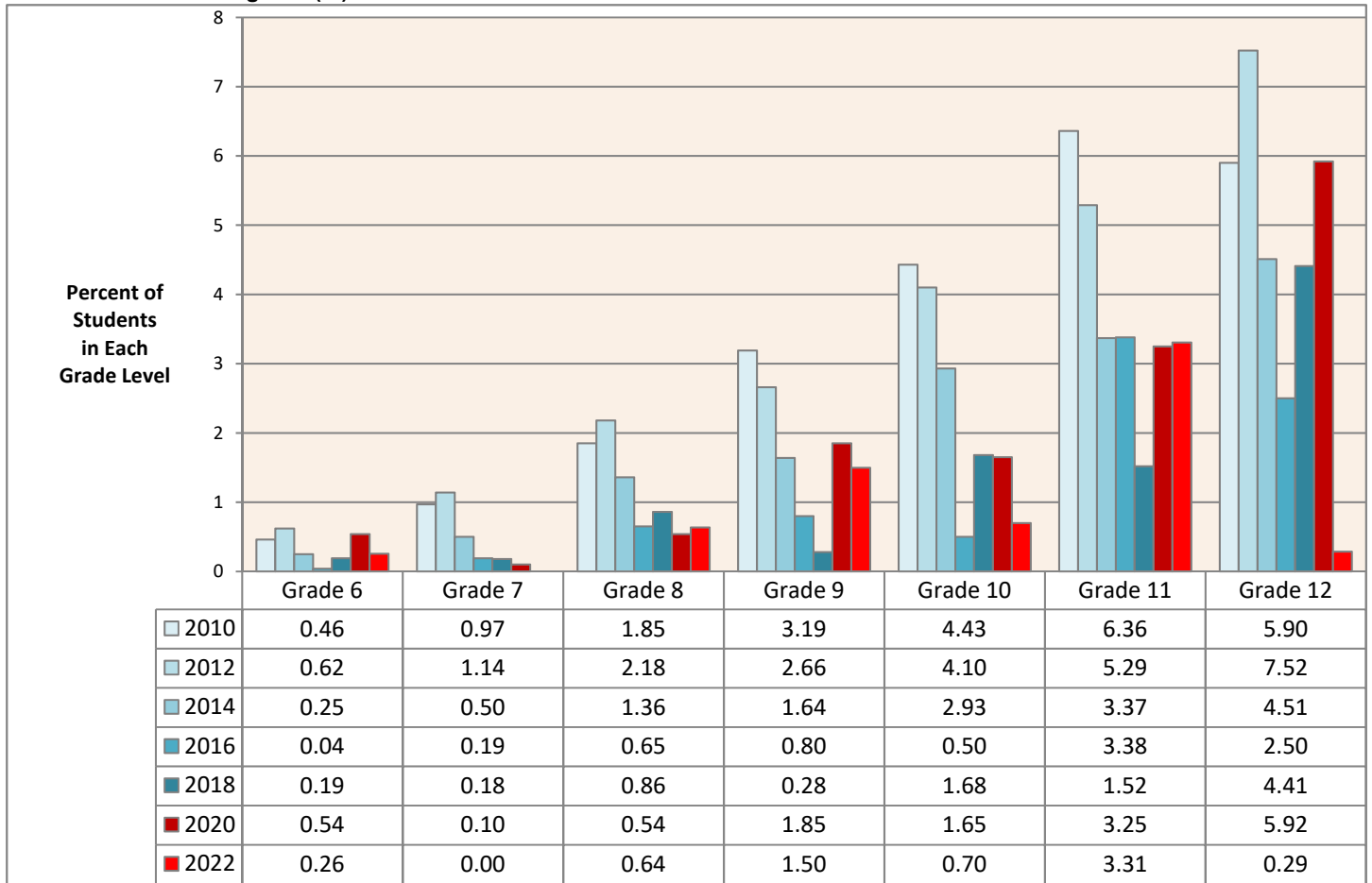
Lifetime Use of Marijuana (%): Missouri Students in Grades 6-12



Data Source: Missouri Institute of Mental Health. Missouri Student Survey. Data are weighted.

HALLUCINOGEN USE: MISSOURI STUDENTS IN GRADES 6-12

Lifetime Use of Hallucinogens* (%): Missouri Students in Grades 6-12

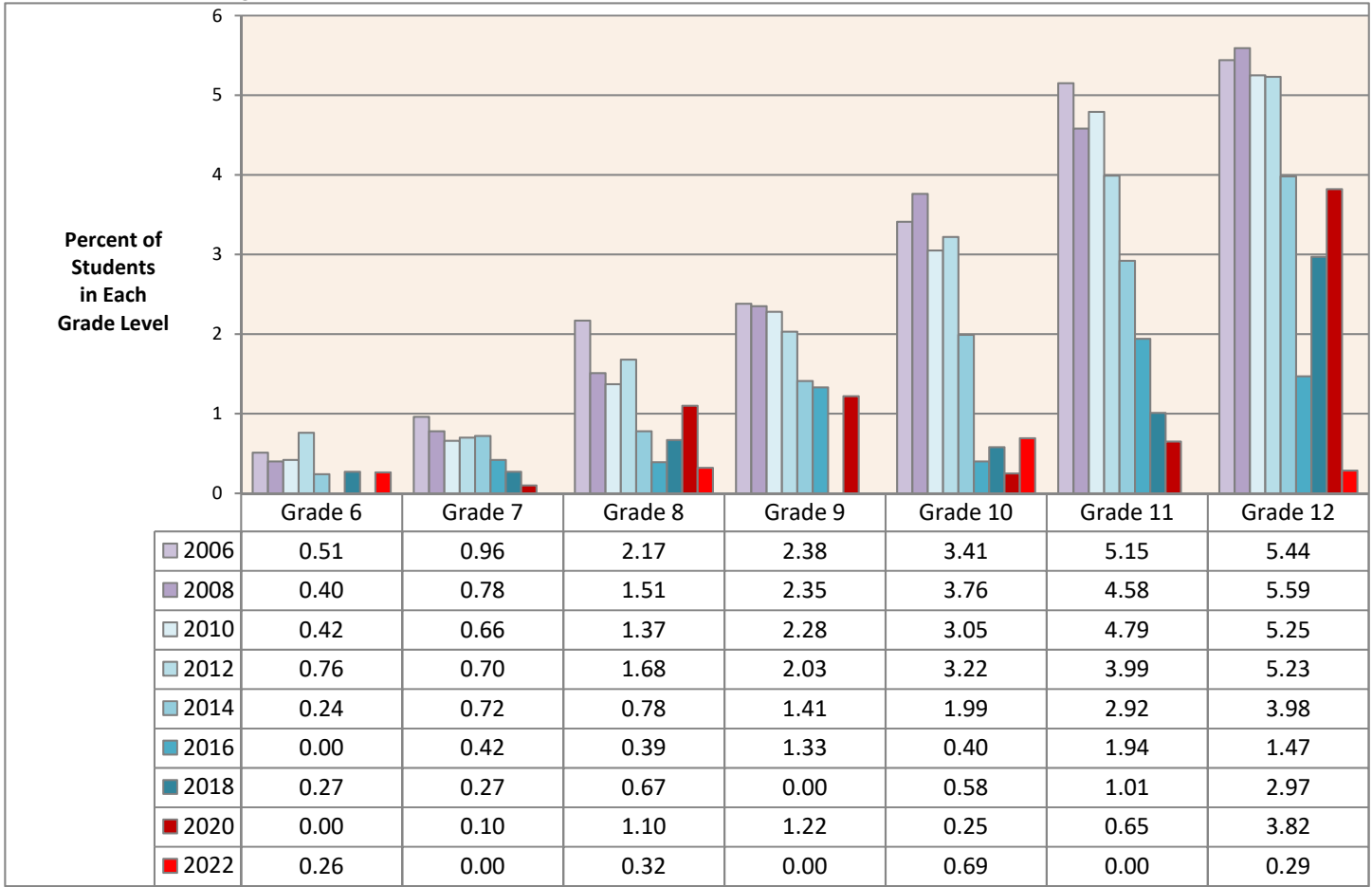


* In the MSS questionnaire, LSD (acid), PCP (angel dust), Magic Mushrooms, Mescaline, Peyote, and Psilocybin are listed as examples of hallucinogens.

Data Source: Missouri Institute of Mental Health. Missouri Student Survey. Data are weighted.

CLUB DRUG USE: MISSOURI STUDENTS IN GRADES 6-12

Lifetime Use of Club Drugs* : Missouri Students in Grades 6-12

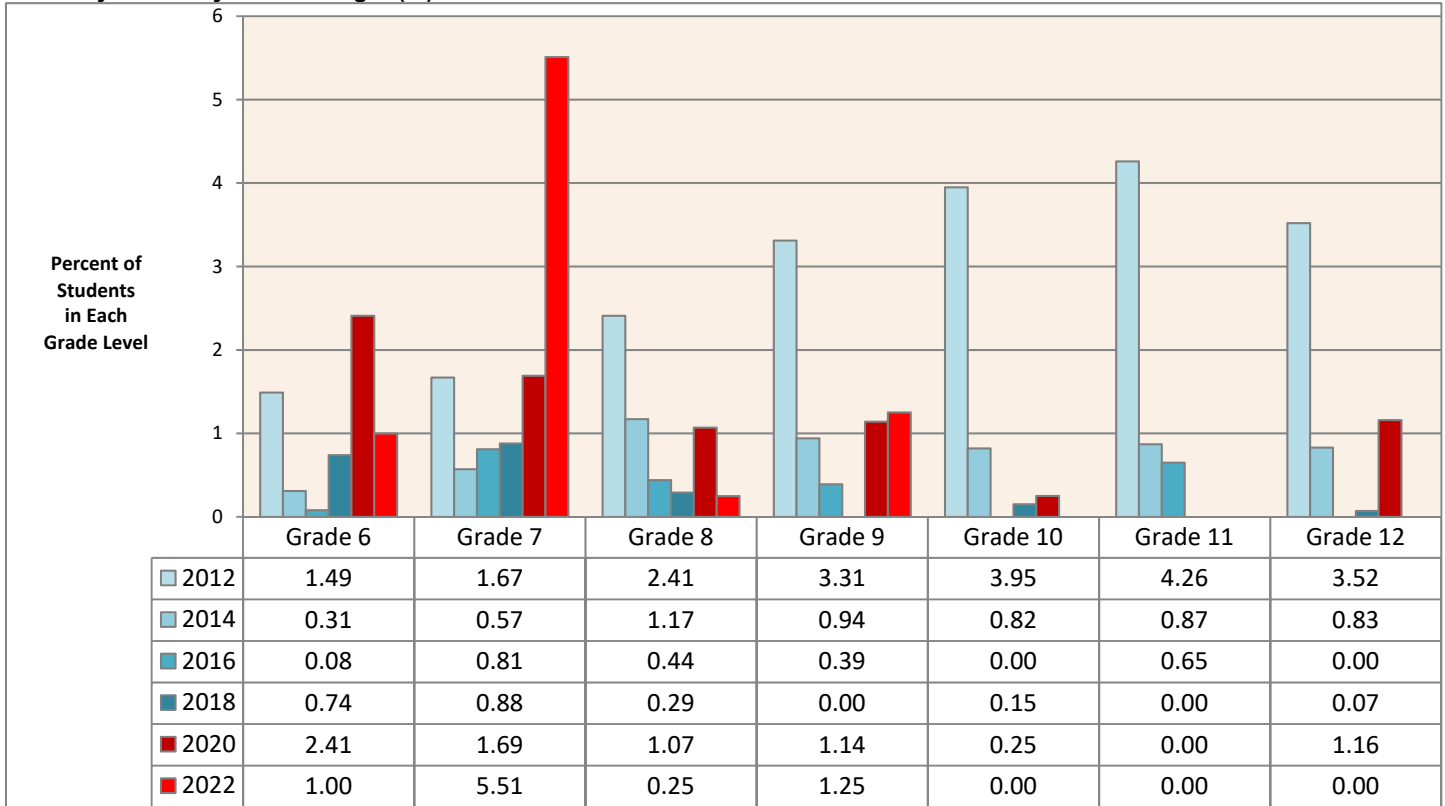


* In the MSS questionnaire, MDMA (molly, ecstasy, X, E), GHB (G), Rohypnol (roofie), and Ketamine (Special K) are listed as examples of club drugs.

Data Source: Missouri Institute of Mental Health. Missouri Student Survey. Data are weighted.

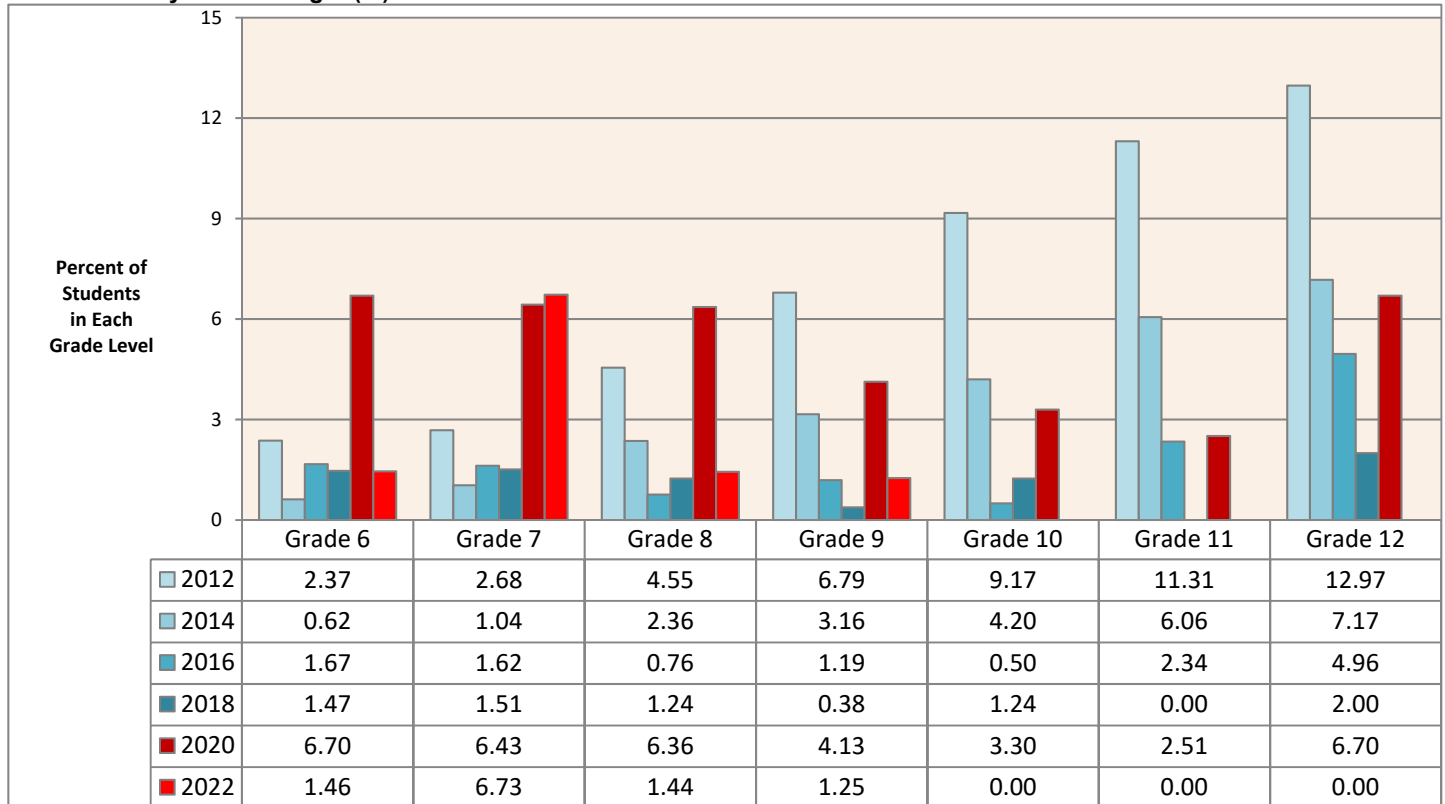
SYNTHETIC DRUG USE: MISSOURI STUDENTS IN GRADES 6-12

Past 30-Day Use of Synthetic Drugs* (%): Missouri Students in Grades 6-12



* In the MSS questionnaire, K2, bath salts, plant food, and Spice are listed as examples of synthetic drugs.

Lifetime Use of Synthetic Drugs* (%): Missouri Students in Grades 6-12

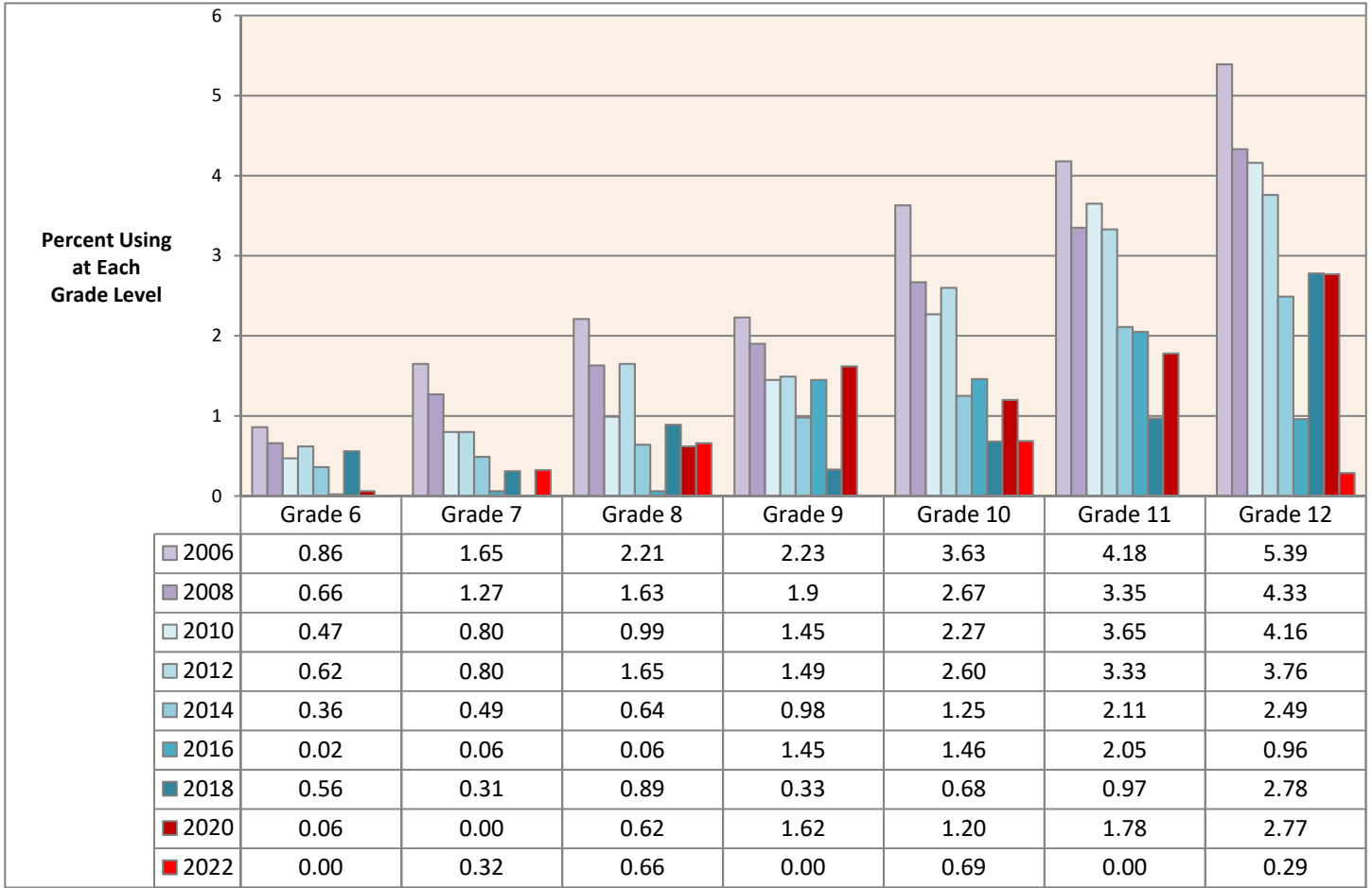


* In the MSS questionnaire, K2, bath salts, plant food, and Spice are listed as examples of synthetic drugs.

Data Source: Missouri Institute of Mental Health. Missouri Student Survey. Data are weighted.

COCAINE USE: MISSOURI STUDENTS IN GRADES 6-12

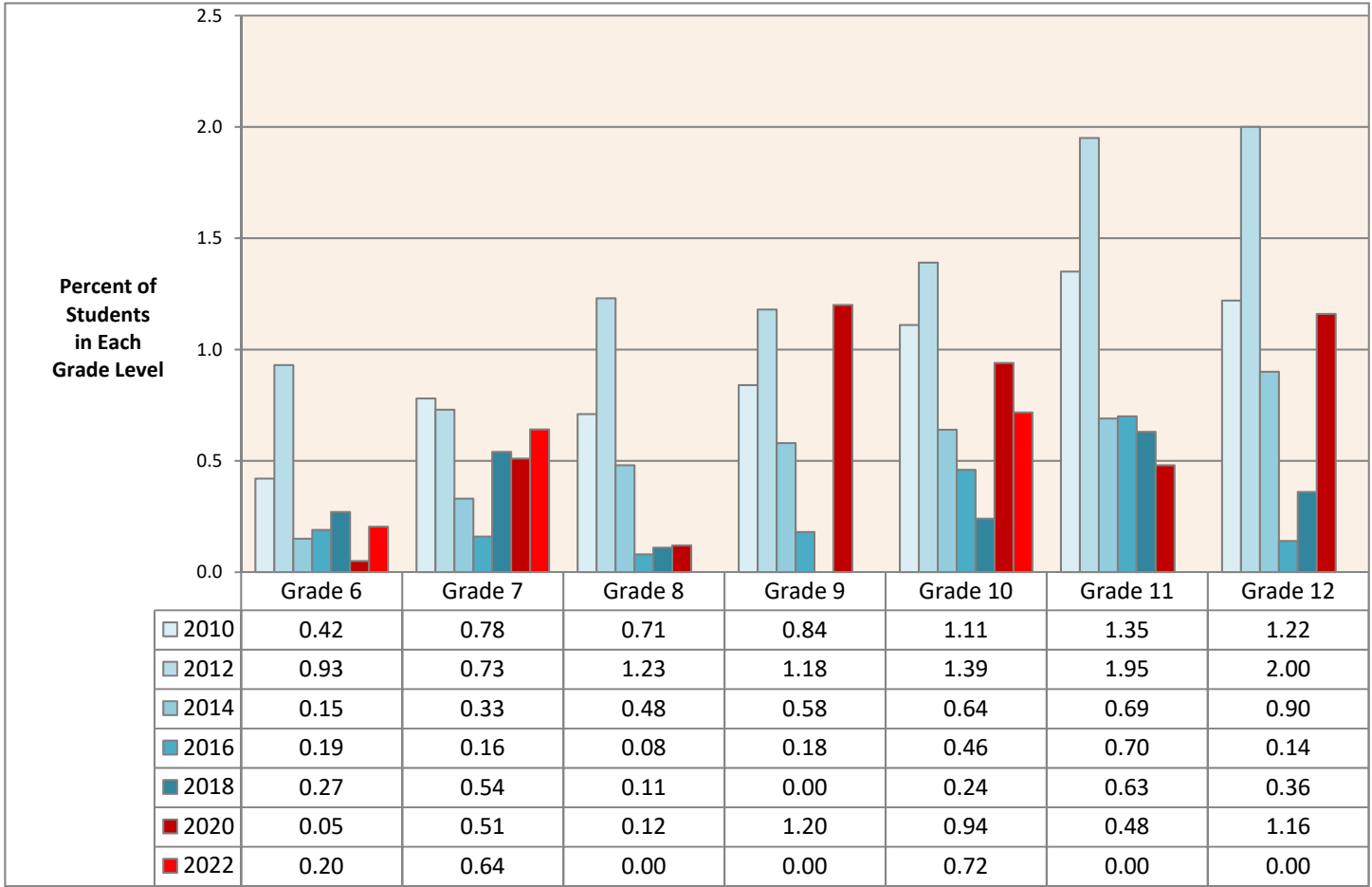
Lifetime Use of Cocaine: Missouri Students in Grades 6-12



Data Source: Missouri Institute of Mental Health. Missouri Student Survey. Data are weighted.

METHAMPHETAMINE USE: MISSOURI STUDENTS IN GRADES 6-12

Lifetime Use of Methamphetamine (%): Missouri Students in Grades 6-12

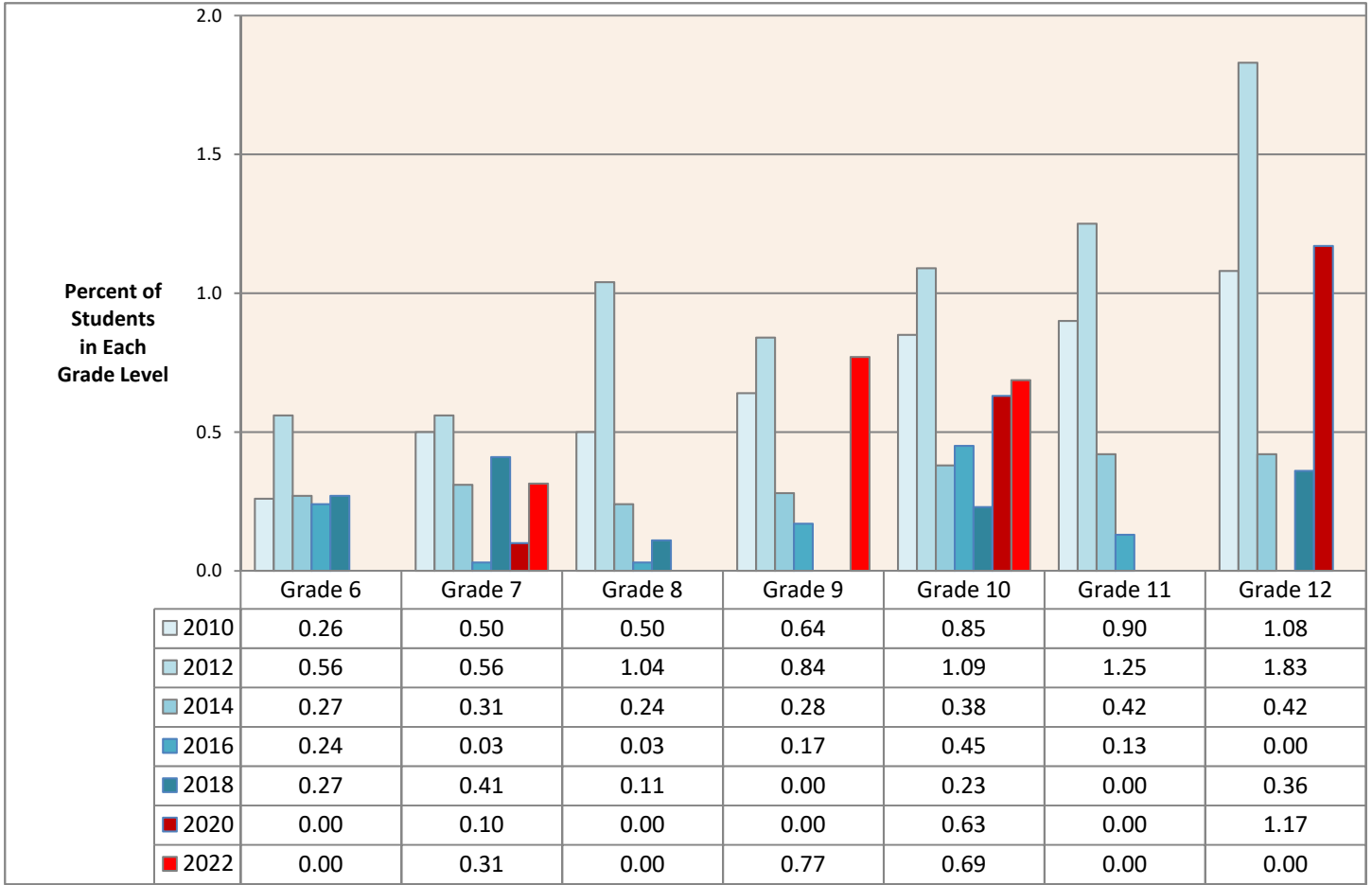


* In the Missouri Student Survey questionnaire, meth, crank, crystal, and ice are listed as examples of methamphetamine.

Data Source: Missouri Institute of Mental Health. Missouri Student Survey. Data are weighted.

HEROIN USE: MISSOURI STUDENTS IN GRADES 6-12

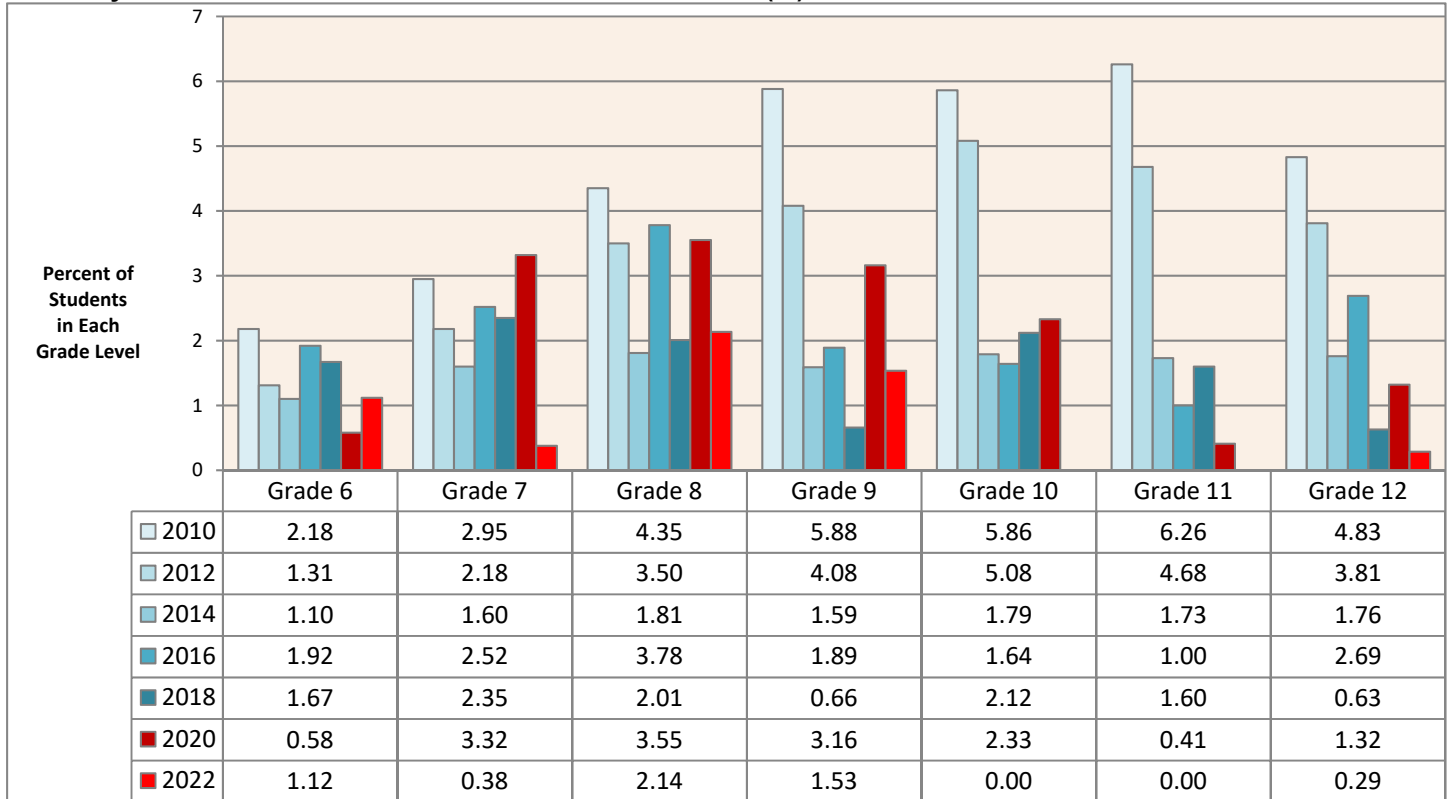
Lifetime Use of Heroin (%): Missouri Students in Grades 6-12



Data Source: Missouri Institute of Mental Health. Missouri Student Survey. Data are weighted.

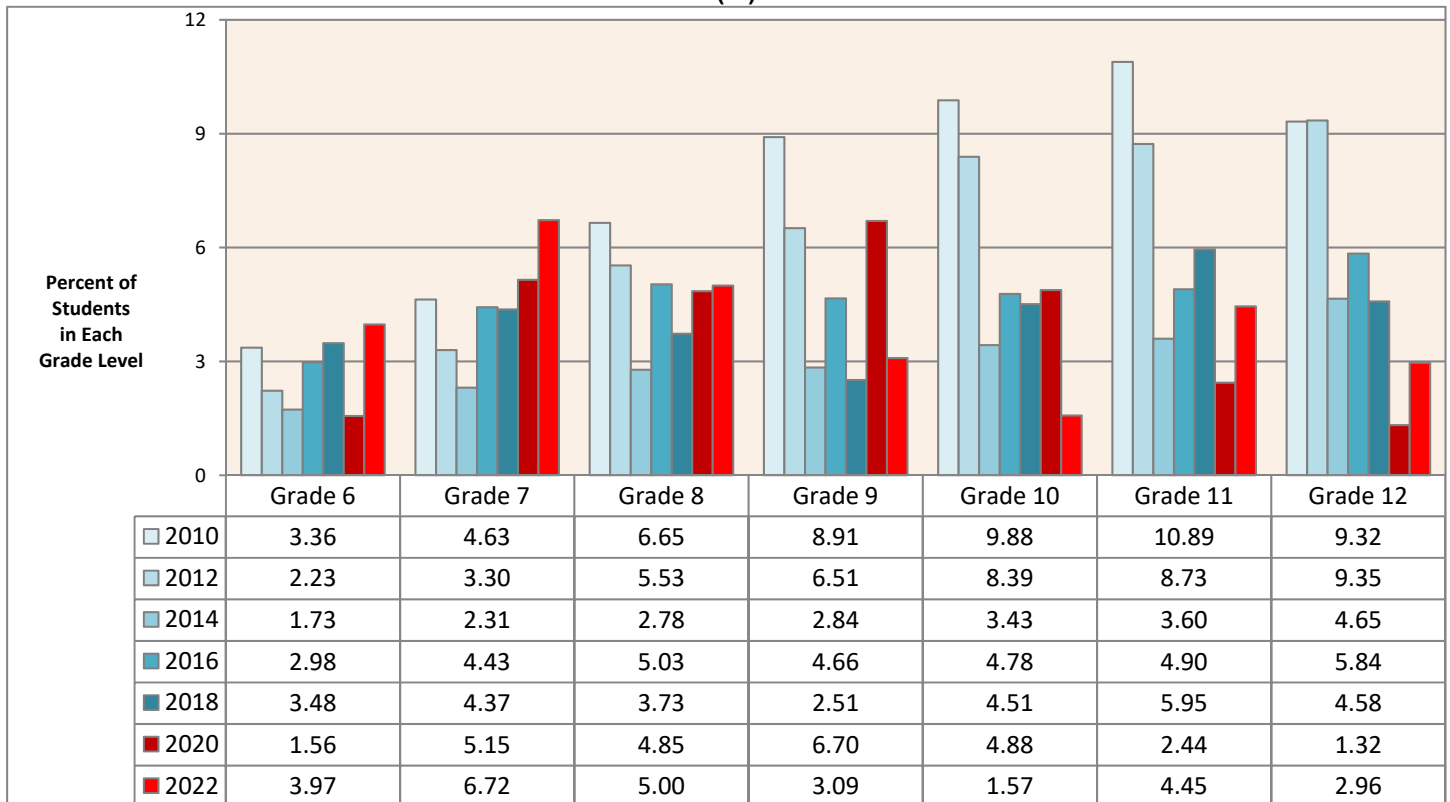
OVER-THE-COUNTER MEDICATION USE: MISSOURI STUDENTS IN GRADES 6-12

Past 30-Day Non-medical Use of Over-the-Counter Medicines* (%): Missouri Students in Grades 6-12



* In the MSS questionnaire, Coricidin Cough, Sudafed, TheraFlu, and Tylenol Cough are listed as examples of over-the-counter medicines.

Lifetime Non-medical Use of Over-the-Counter Medicines* (%): Missouri Students in Grades 6-12

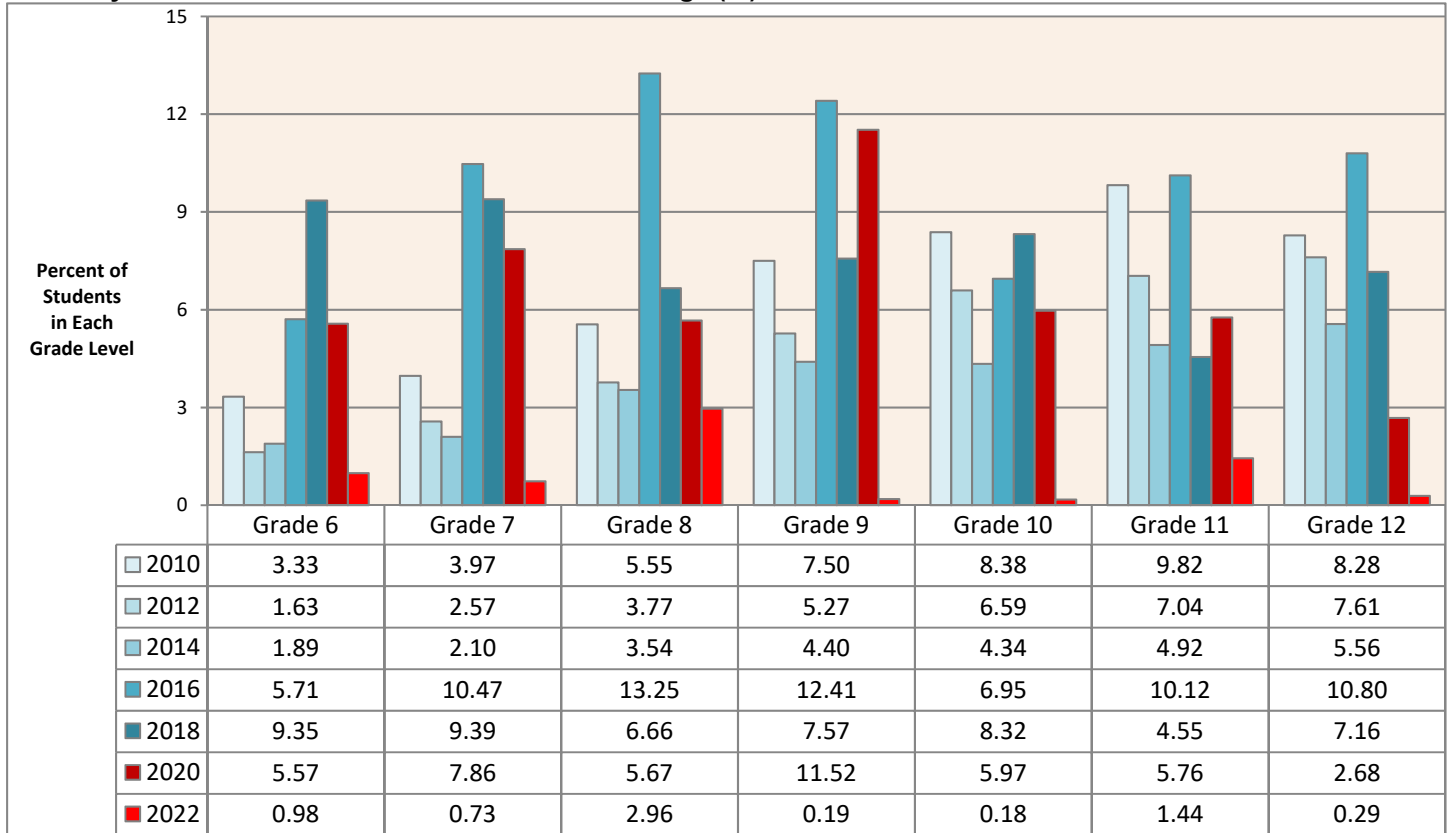


* In the MSS questionnaire, Coricidin Cough, Sudafed, TheraFlu, and Tylenol Cough are listed as examples of over-the-counter medicines.

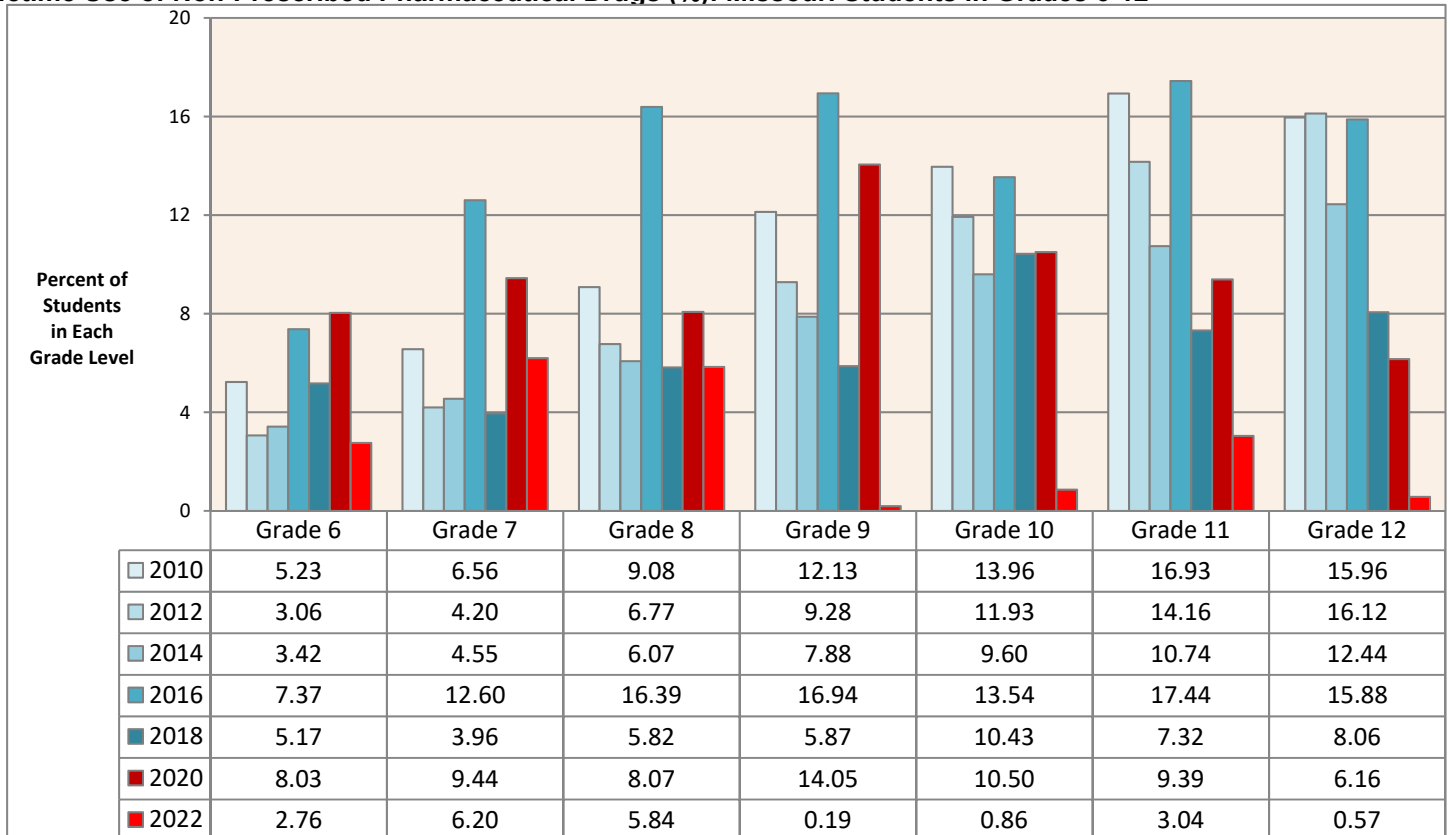
Data Source: Missouri Institute of Mental Health. Missouri Student Survey. Data are weighted.

PHARMACEUTICAL DRUG USE: MISSOURI STUDENTS IN GRADES 6-12

Past 30-Day Use of Non-Prescribed Pharmaceutical Drugs (%): Missouri Students in Grades 6-12



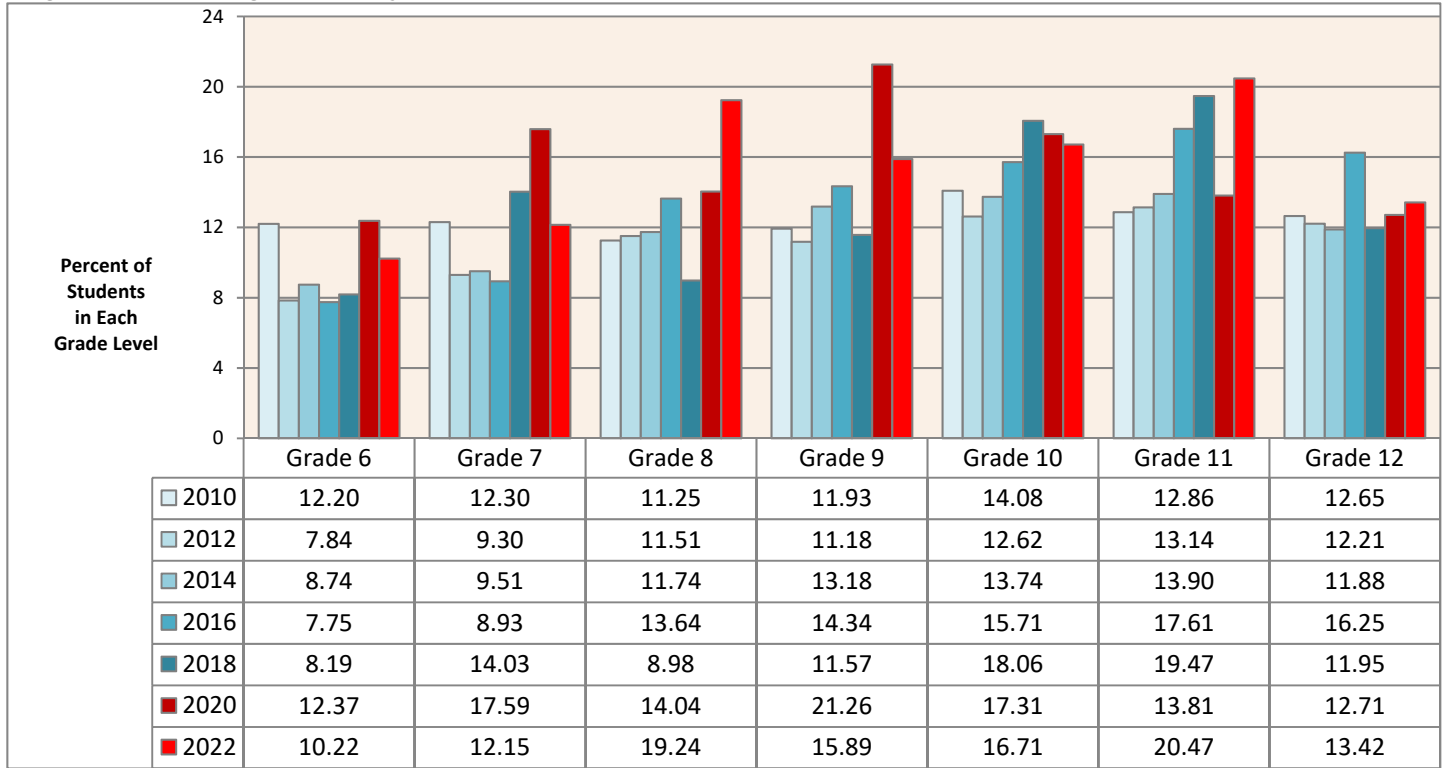
Lifetime Use of Non-Prescribed Pharmaceutical Drugs (%): Missouri Students in Grades 6-12



Data Source: Missouri Institute of Mental Health. Missouri Student Survey. Data are weighted.

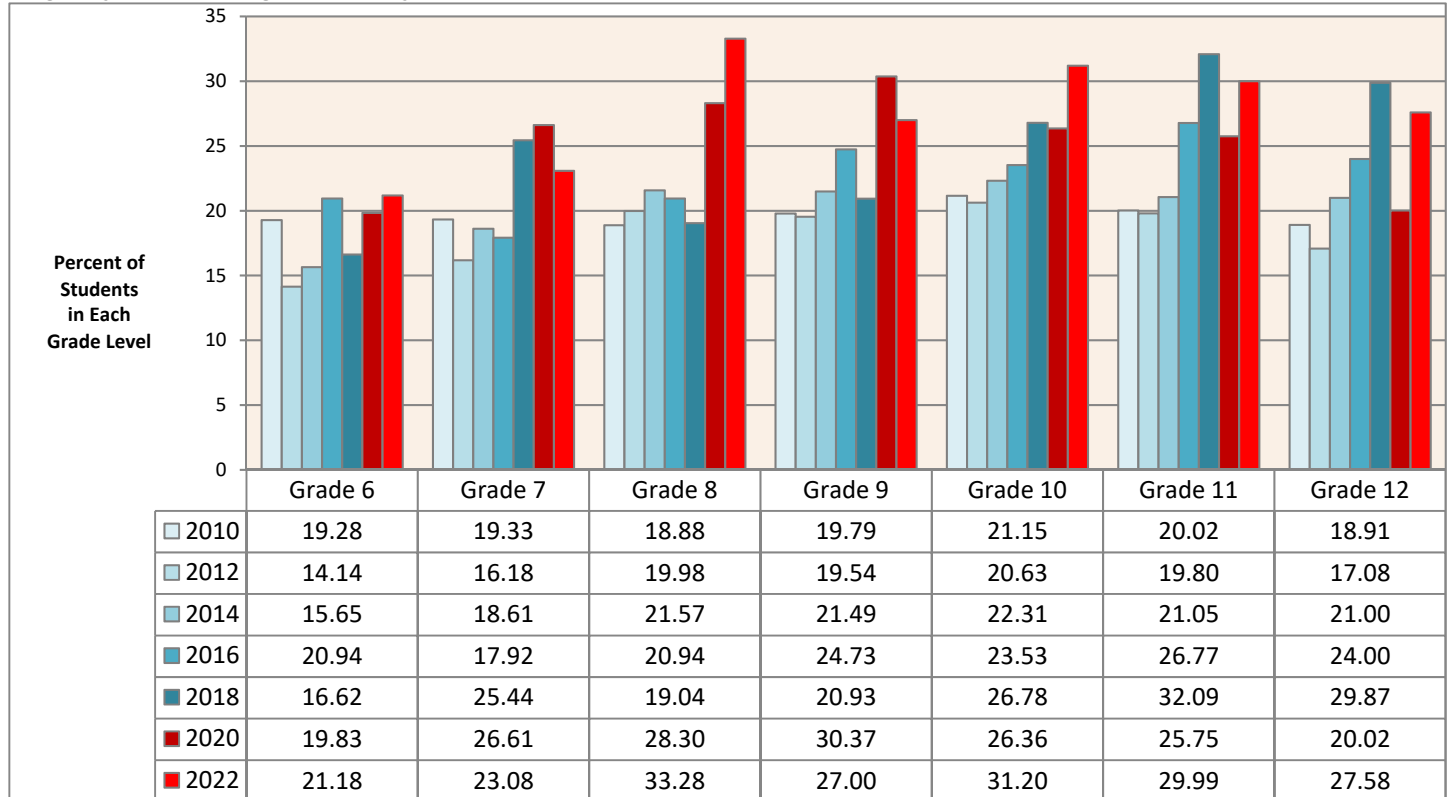
DEPRESSION: MISSOURI STUDENTS IN GRADES 6-12

Feeling Hopeless* during Past 30 Days (%): Missouri Students in Grades 6-12



* Students who responded "Always" or "Often" to "Feeling Hopeless" in the MSS questionnaire.

Feeling Very Sad ** during Past 30 Days (%): Missouri Students in Grades 6-12 *

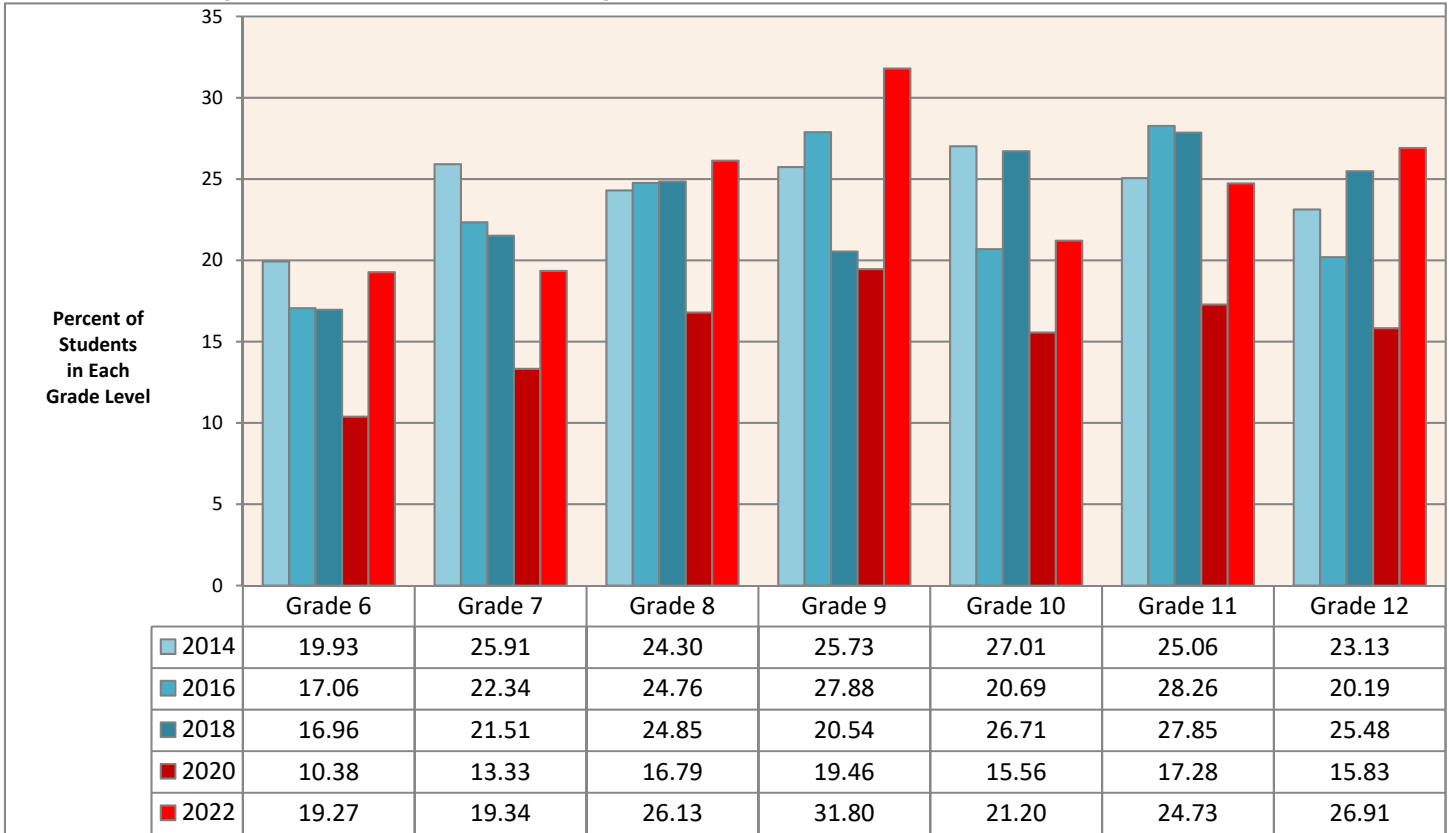


** Students who responded "Always" or "Often" to "Feeling Very Sad" in the MSS questionnaire.

Data Source: Missouri Institute of Mental Health. Missouri Student Survey. Data are weighted.

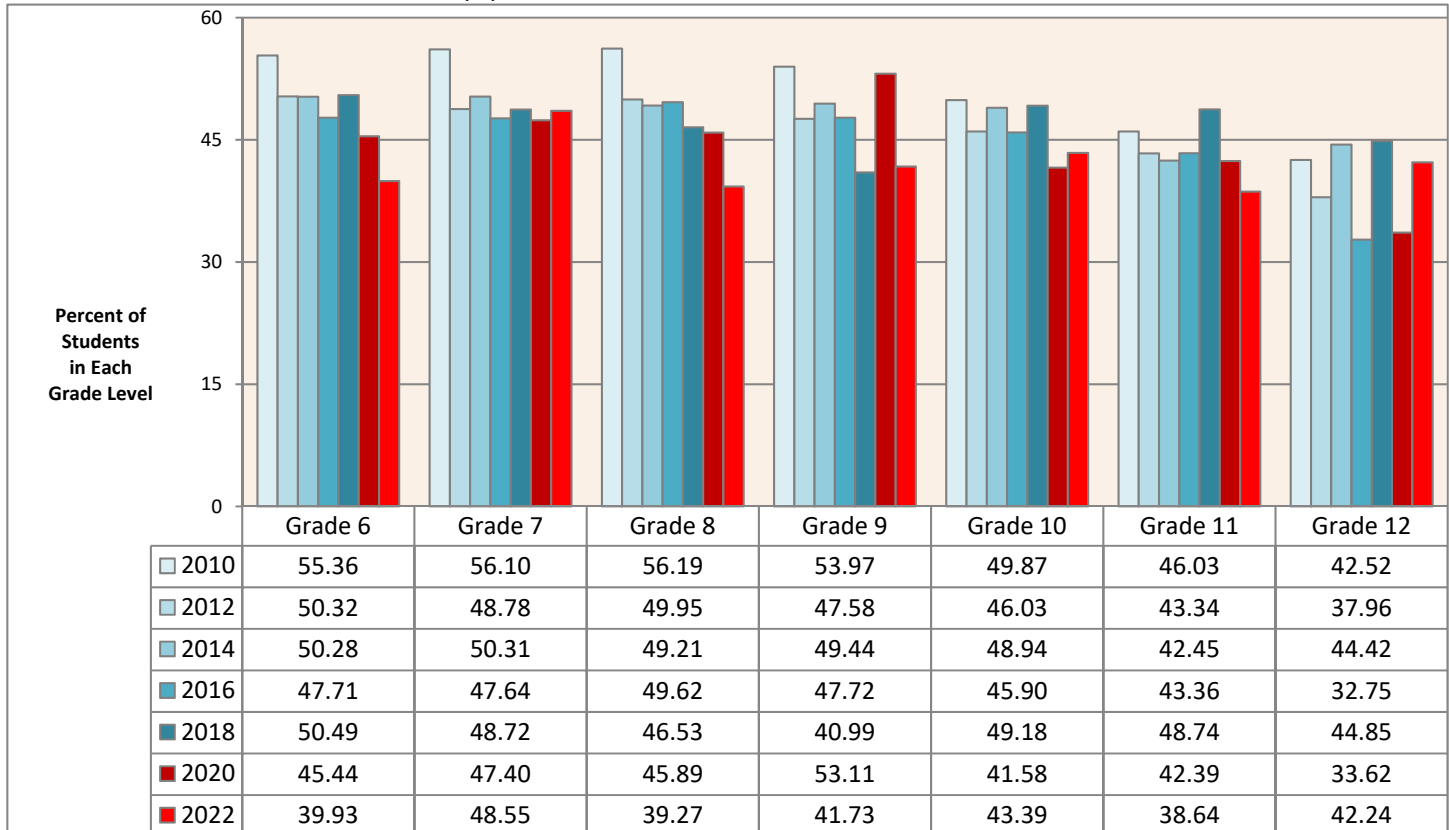
VICTIM OF COVERT BULLYING: MISSOURI STUDENTS IN GRADES 6-12

Victim of Embarrassing or Hurtful Online or Text Message in Past 3 Months (%): Missouri Students in Grades 6-12



Data Source: Missouri Institute of Mental Health. Missouri Student Survey. Data are weighted.

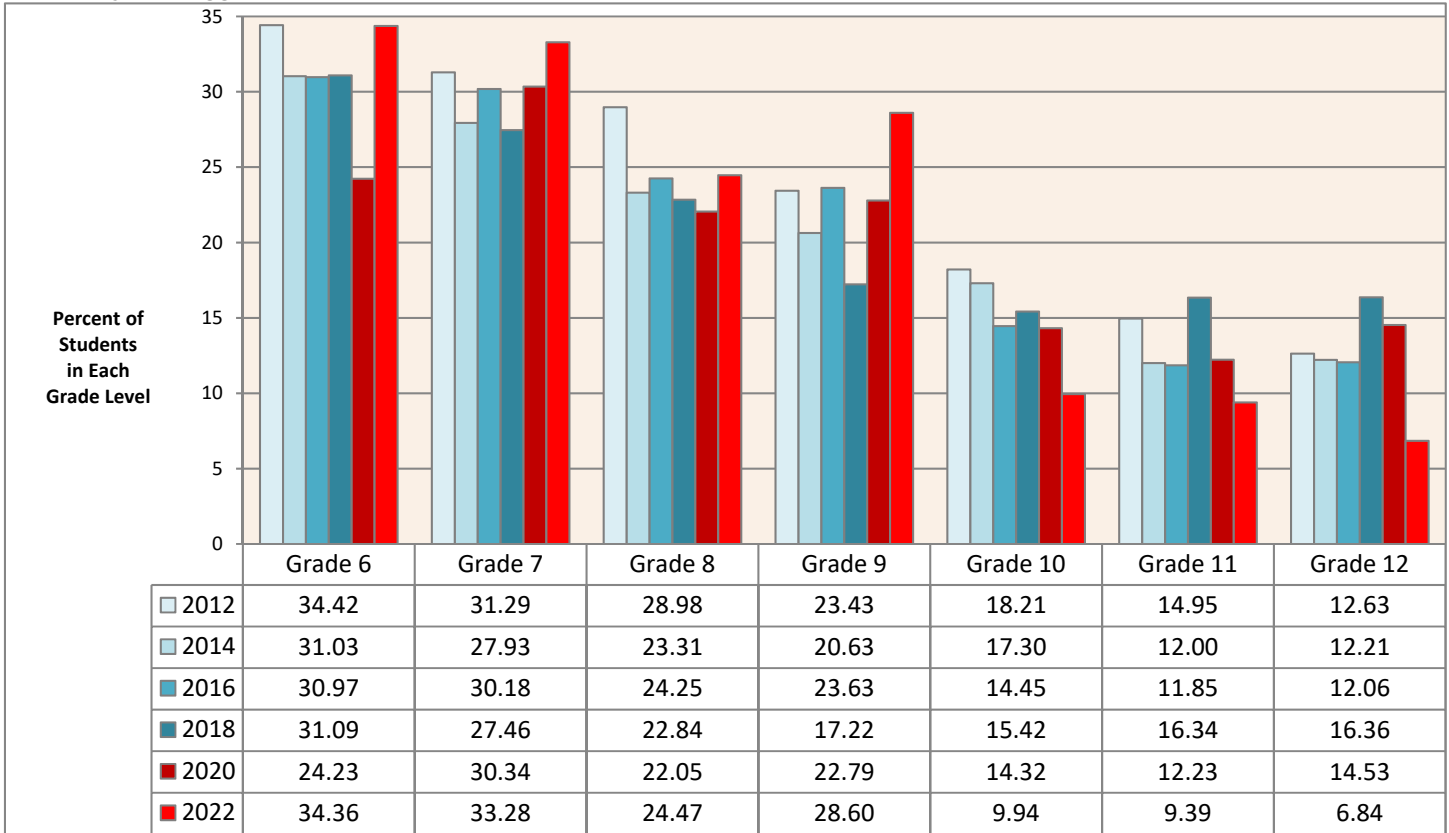
Victim of Rumors or Lies in Past 3 Months (%): Missouri Students in Grades 6-12



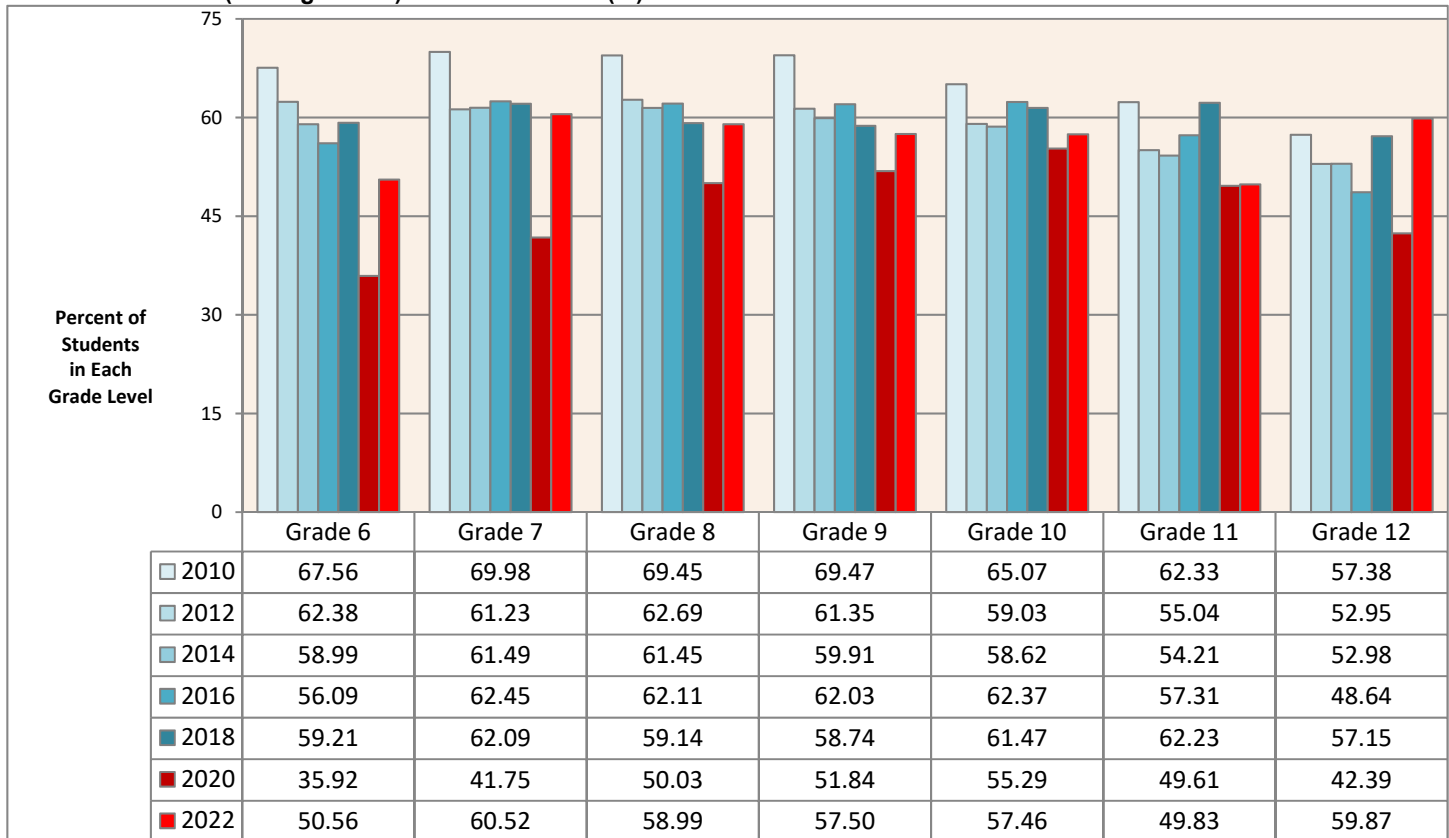
Data Source: Missouri Institute of Mental Health. Missouri Student Survey. Data are weighted.

VICTIM OF AGGRESSIVE BEHAVIOR: MISSOURI STUDENTS IN GRADES 6-12

Victim of Physical Aggression in Past 3 Months (%): Missouri Students in Grades 6-12



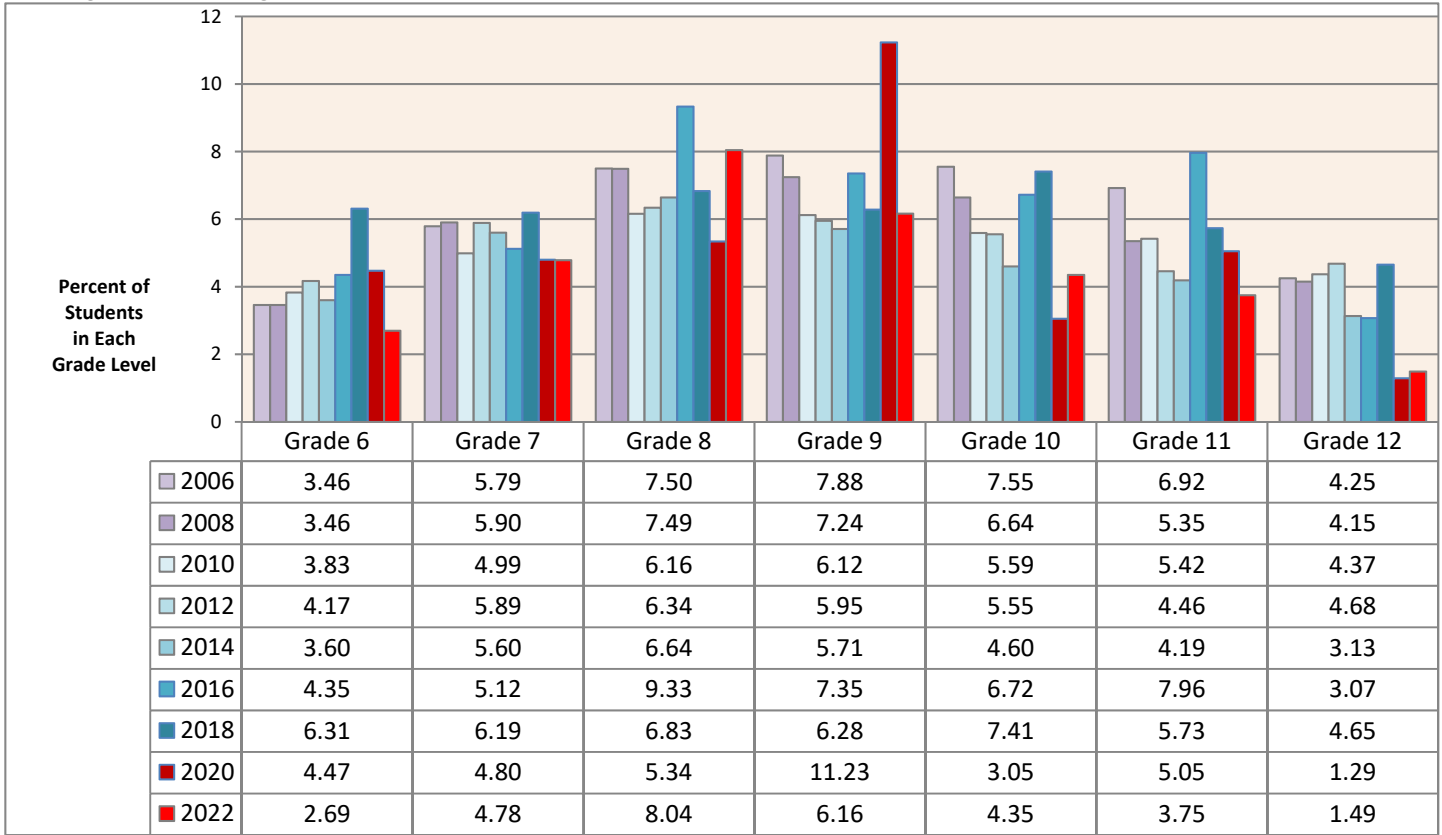
Victim of Intimidation (Making Fun of) in Past 3 Months (%): Missouri Students in Grades 6-12



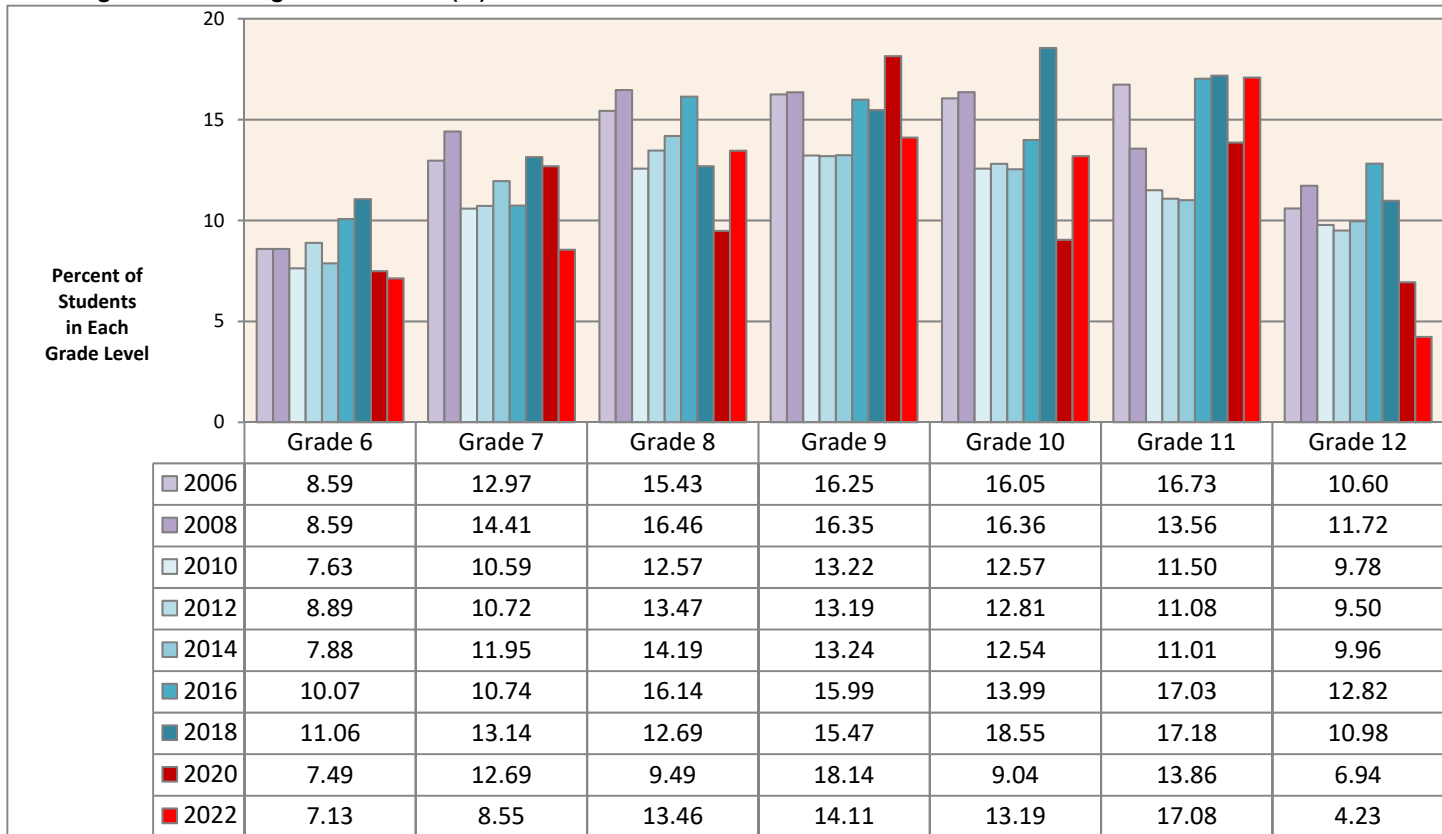
Data Source: Missouri Institute of Mental Health. Missouri Student Survey. Data are weighted.

SUICIDE: MISSOURI STUDENTS IN GRADES 6-12

Attempting Suicide during the Past Year (%): Missouri Students in Grades 6-12



Considering Suicide during the Past Year (%): Missouri Students in Grades 6-12

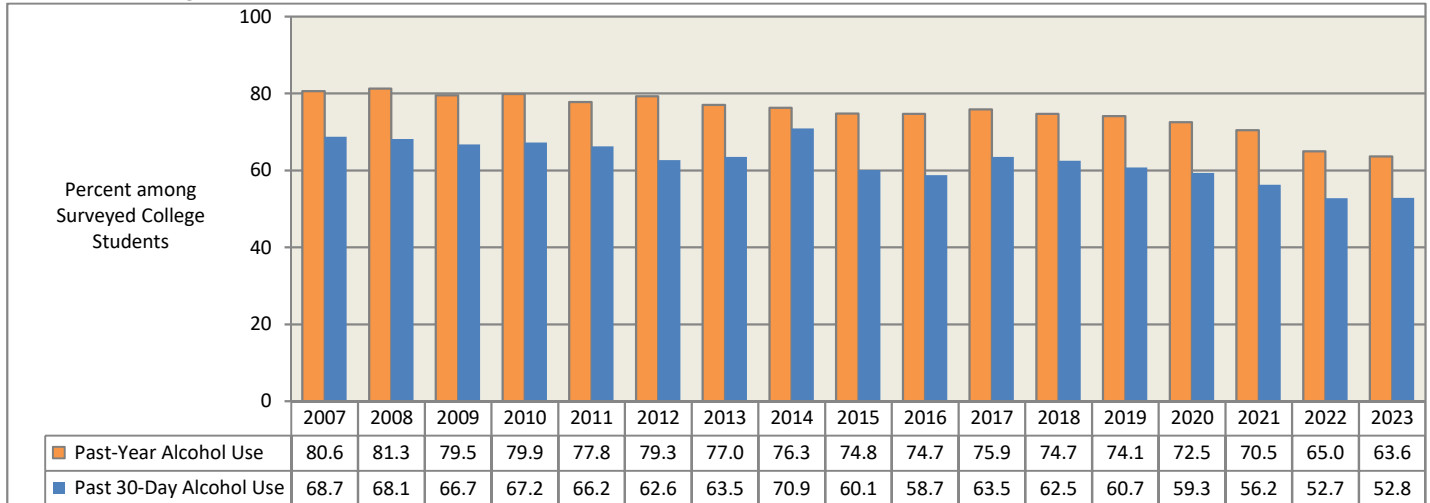


Data Source: Missouri Institute of Mental Health. Missouri Student Survey. Data are weighted.

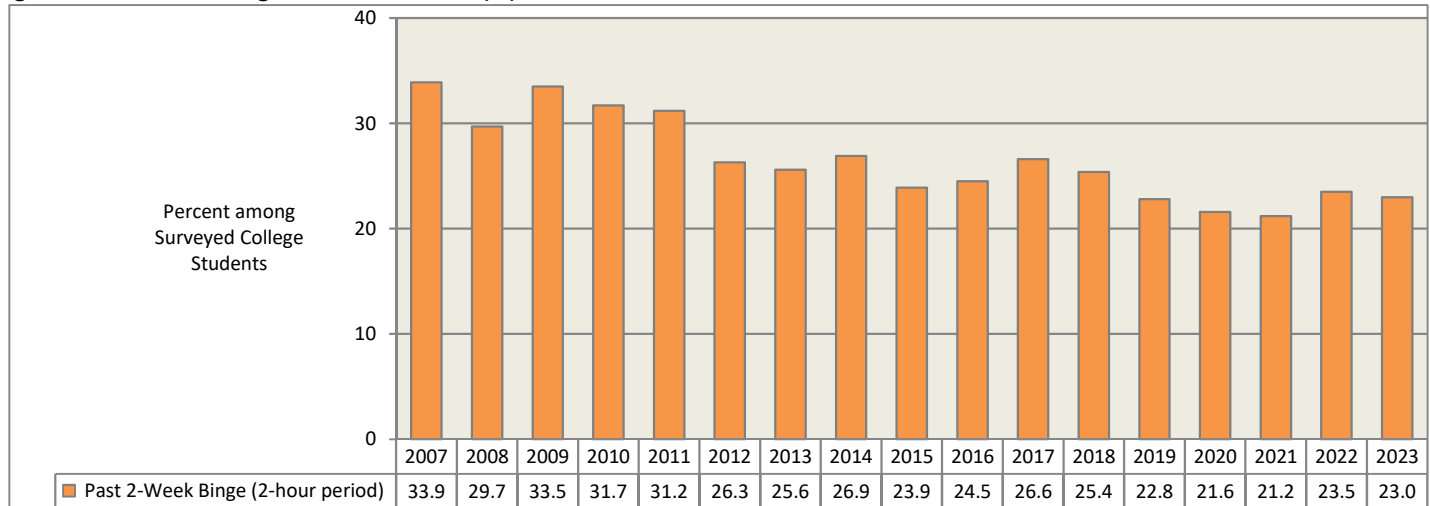
MISSOURI ASSESSMENT OF COLLEGE HEALTH BEHAVIORS: MISSOURI COLLEGE STUDENTS

Alcohol and Tobacco Use

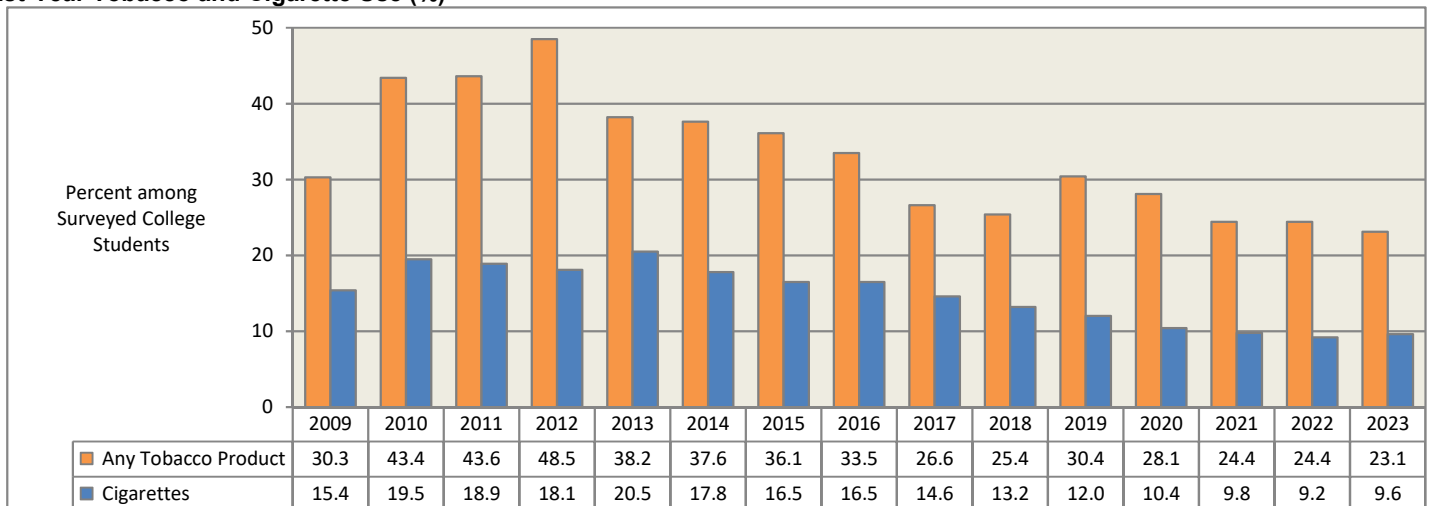
Alcohol Use During the Past-Year and Past Month (%)



Binge Alcohol Use During the Past 2 Weeks (%)



Past-Year Tobacco and Cigarette Use (%)

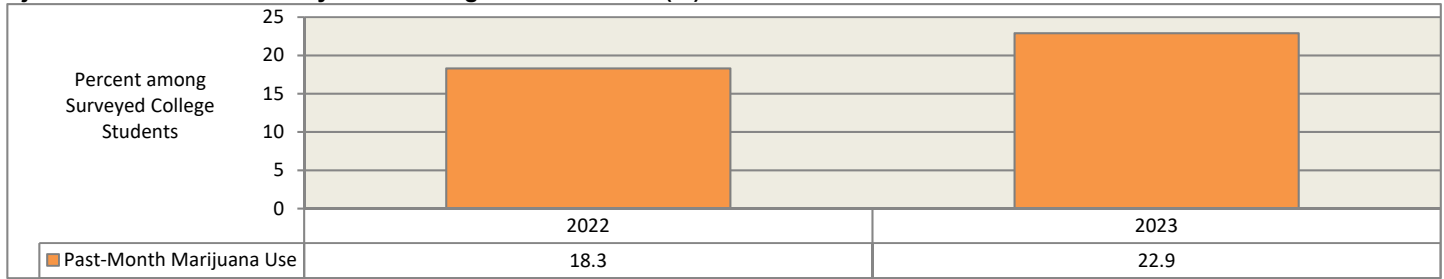


Source: Missouri Assessment of College Health Behaviors, 2017-2023.
 Partners in Prevention Statewide Coalition. University of Missouri, Columbia, MO.
 The 2023 MACHB survey respondents consist of 5,817 students at 24 Missouri colleges. Data are unweighted.
 See also: https://www.mopip.org/docs/briefs/PIP_Fact_MACHB_2022.pdf

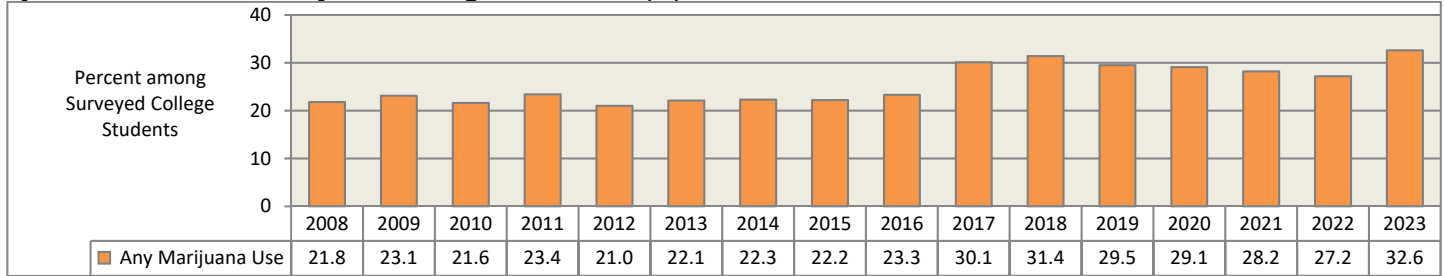
MISSOURI ASSESSMENT OF COLLEGE HEALTH BEHAVIORS: MISSOURI COLLEGE STUDENTS

Marijuana Use

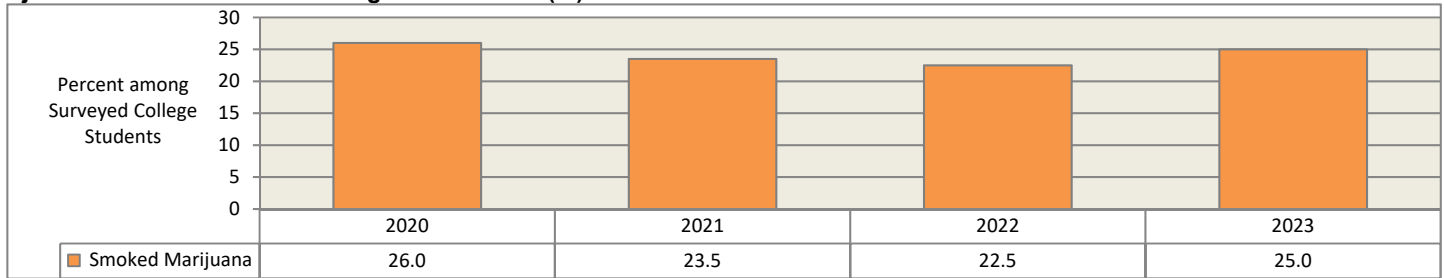
Marijuana/Cannabis Use In Any Form during the Past Month (%)



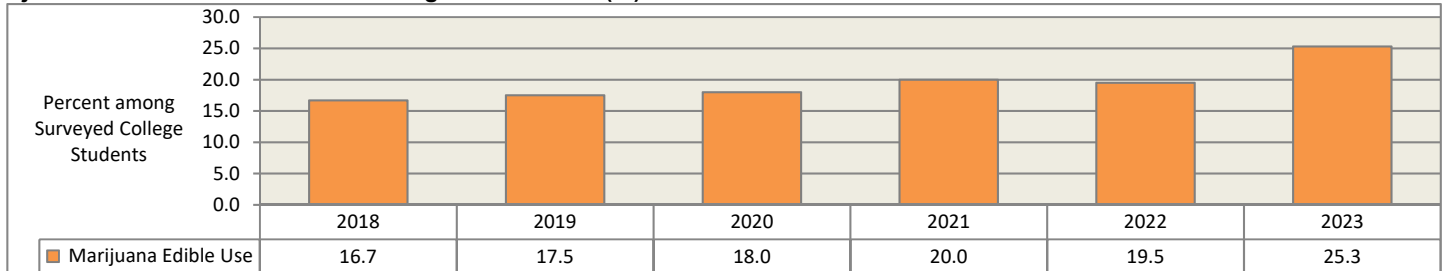
Marijuana/Cannabis Use In Any Form during the Past Year (%)



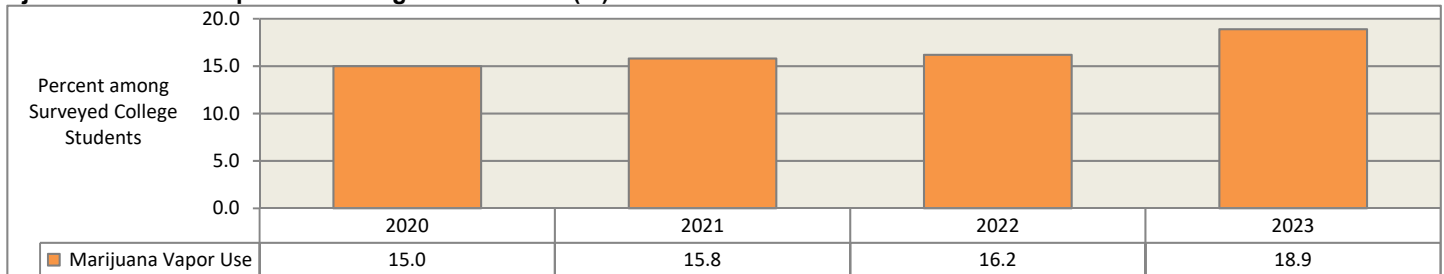
Marijuana/Cannabis Smoked during the Past Year (%)



Marijuana/Cannabis Edibles Used during the Past Year (%)



Marijuana/Cannabis Vapor Use during the Past Year (%)



Source: Missouri Assessment of College Health Behaviors, 2017-2023.

Partners in Prevention Statewide Coalition. University of Missouri, Columbia, MO.

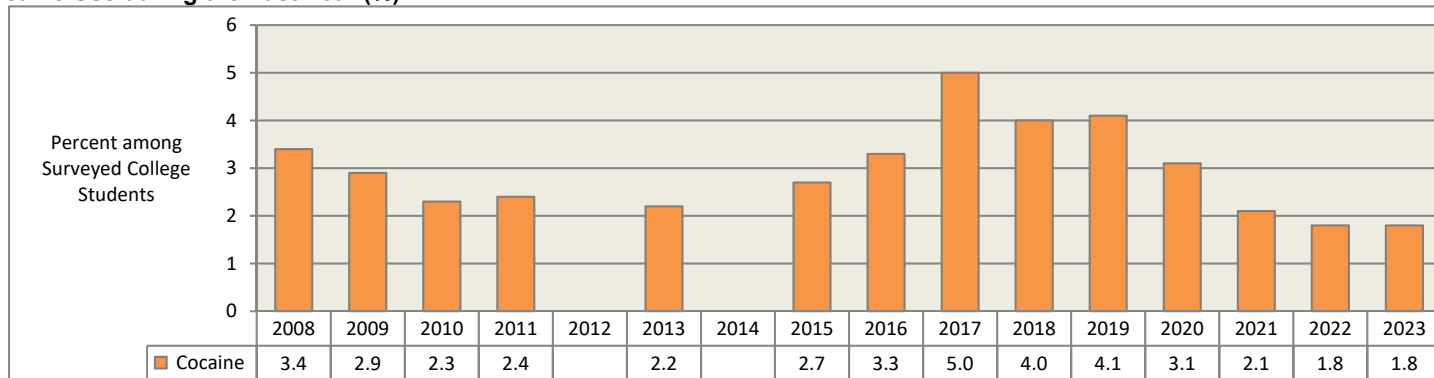
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See also: https://www.mopip.org/docs/briefs/PIP_Fact_MACHB_2022.pdf

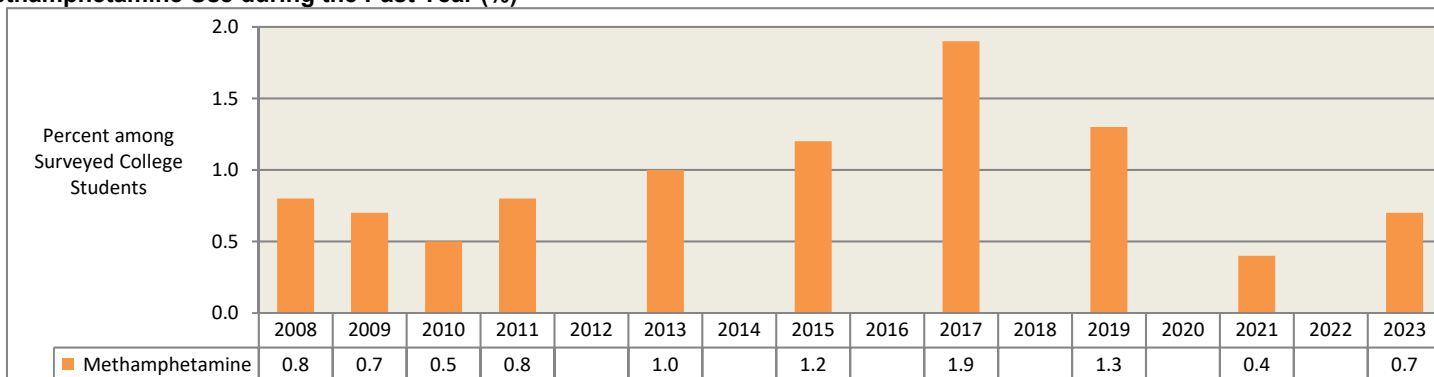
MISSOURI ASSESSMENT OF COLLEGE HEALTH BEHAVIORS: MISSOURI COLLEGE STUDENTS

Illicit Drug Use

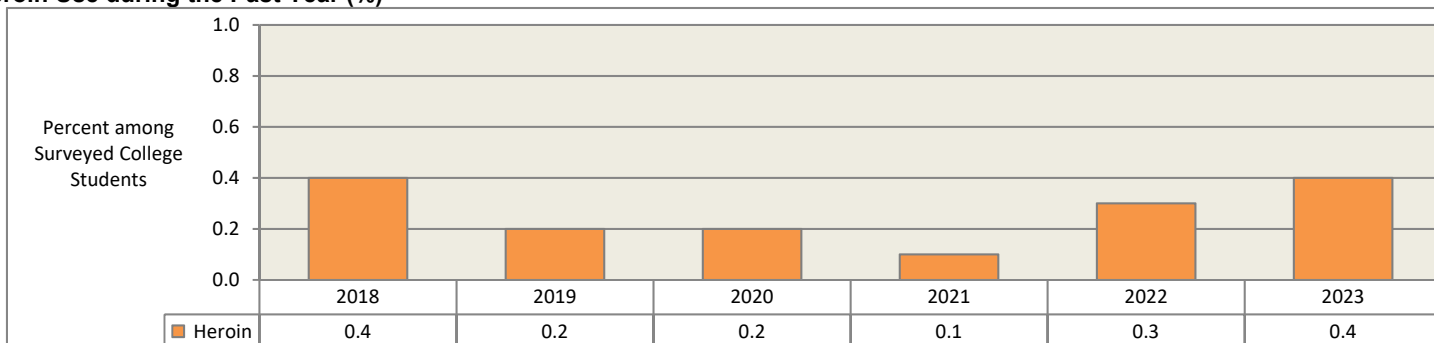
Cocaine Use during the Past Year (%)



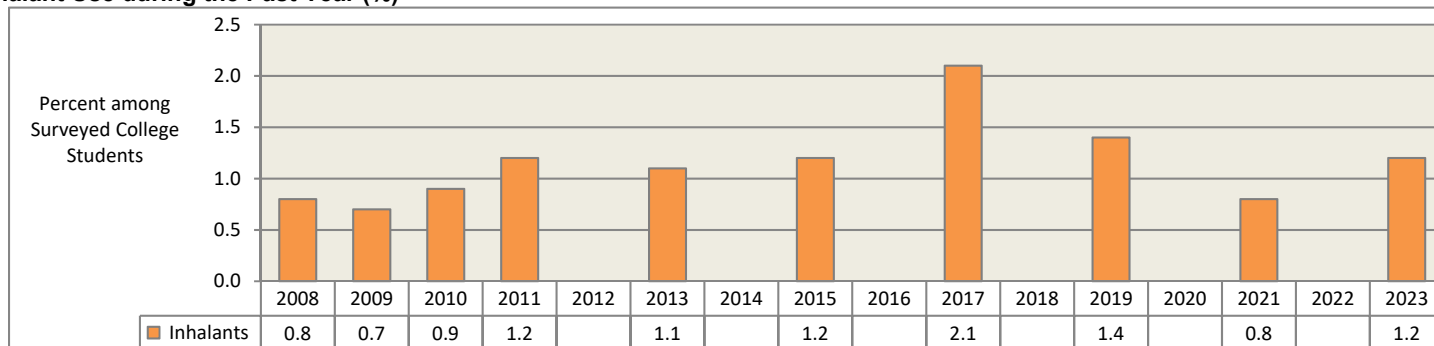
Methamphetamine Use during the Past Year (%)



Heroin Use during the Past Year (%)



Inhalant Use during the Past Year (%)



Source: Missouri Assessment of College Health Behaviors, 2017-2023.

Partners in Prevention Statewide Coalition. University of Missouri, Columbia, MO.

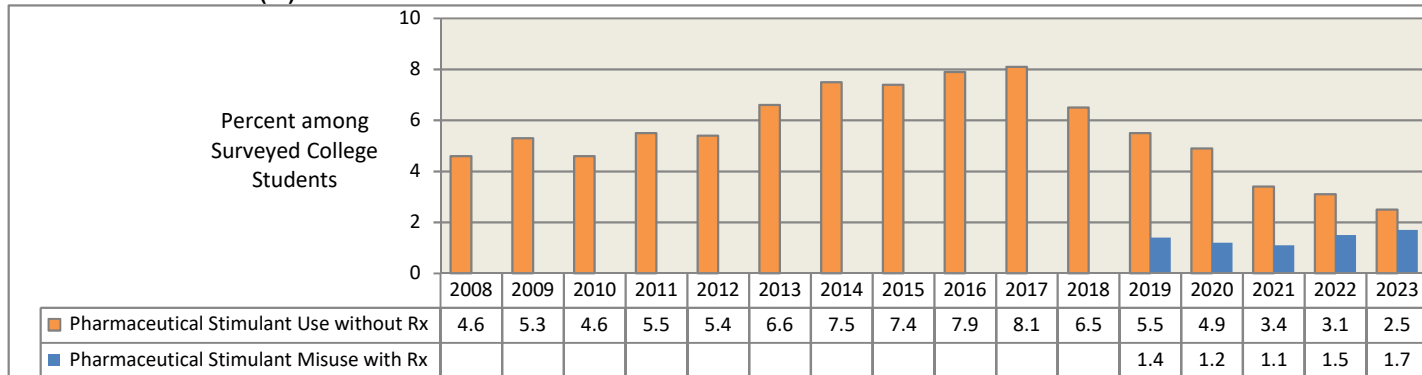
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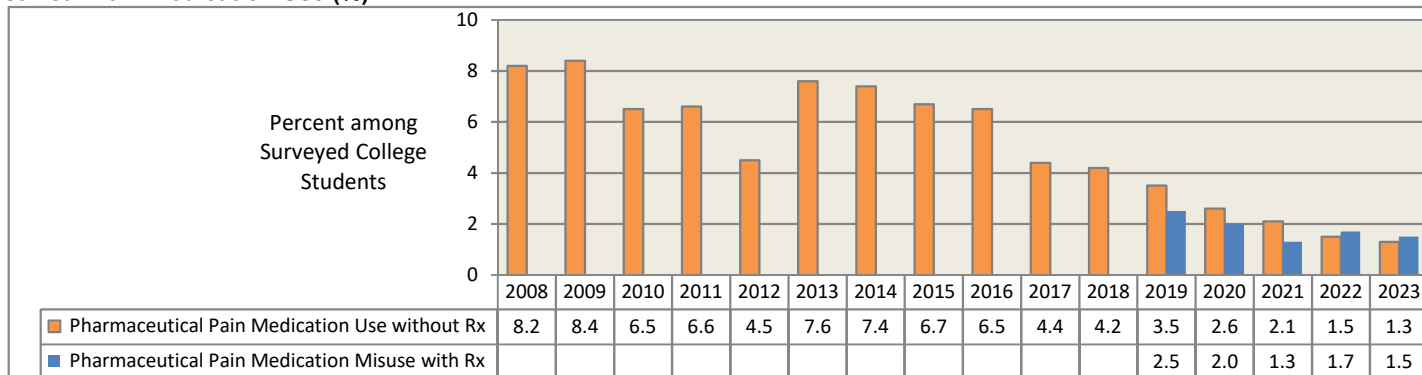
MISSOURI ASSESSMENT OF COLLEGE HEALTH BEHAVIORS: MISSOURI COLLEGE STUDENTS

Pharmaceutical Drug Use

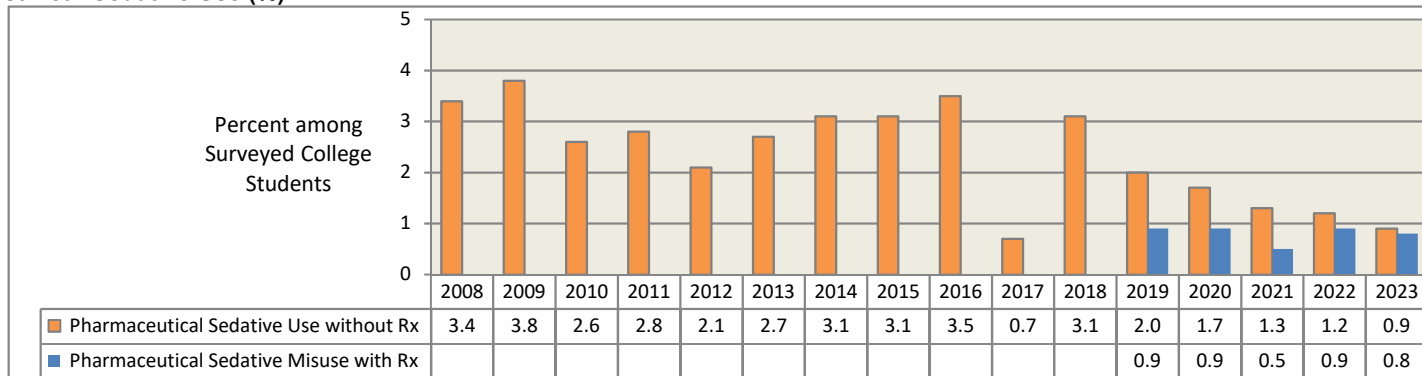
Past-Year Stimulant Use (%)



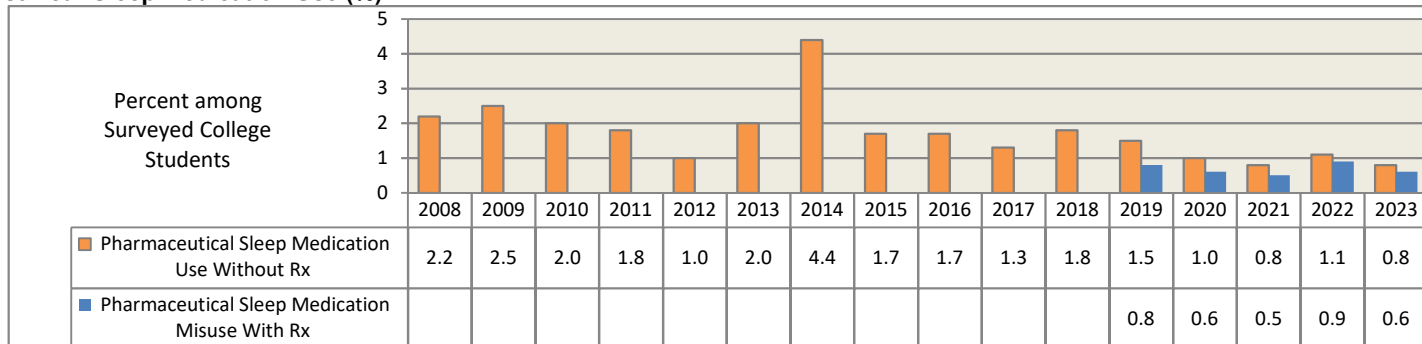
Past-Year Pain Medication Use (%)



Past-Year Sedative Use (%)



Past-Year Sleep Medication Use (%)



Source: Missouri Assessment of College Health Behaviors, 2017-2023.

Partners in Prevention Statewide Coalition. University of Missouri, Columbia, MO.

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See also: <https://www.mopip.org/docs/briefs/PIP Fact MACHB 2022.pdf>

MISSOURI ASSESSMENT OF COLLEGE HEALTH BEHAVIORS: MISSOURI COLLEGE STUDENTS

Substance Use Prevalence

PERCENTAGE OF SURVEYED STUDENTS (%)	2023	2022	2021	2020	2019	2018	2017	2016	2015	2014
Alcohol Use in Past Year	63.6	65.0	70.5	72.5	74.1	74.7	75.9	74.7	74.8	76.3
Alcohol Use in Past 30 Days	52.8	52.7	56.2	59.3	60.7	62.5	63.5	58.7	60.1	70.9
Binge Alcohol Use in One Sitting in Past 2 Weeks					22.6	25.2	26.9	25.0	24.7	28.3
Binge Alcohol Use in 2-Hour Period in Past 2 Weeks	23.0	23.5	21.2	21.6	22.8	25.4	26.6	24.5	23.9	26.9
Average Age of First Use of Alcohol (in years)	17.4	17.4								
Tobacco Use in Past Year	23.1	24.4	24.4	28.1	30.4	25.4	26.6	33.5	36.1	37.6
Cigarette Use in Past Year	9.6	9.2	9.8	10.4	12.0	13.2	14.6	16.5	16.5	17.8
Marijuana/Cannabis Use in Any Form in Past Year	32.6	27.2	28.2	29.1	29.5	31.4	30.1	23.3	22.2	22.3
Marijuana/Cannabis Use in Any Form in Past 30 Days	22.9	18.3								
Marijuana/Cannabis Smoked in Past Year	25.0	22.5	23.5	26.0						
Marijuana/Cannabis Edible Use in Past Year	25.3	19.5	20.0	18.0	17.5	16.7				
Marijuana/Cannabis Vapor Use in Past Year	18.9	16.2	15.8	15.0						
Marijuana Derivative Use in Past Year	9.8	9.6	9.3	11.0	13.1	10.8				
Other Marijuana/Cannabis Use in Past Year	2.4	2.7	2.0	2.3						
Average Age of First Use of Marijuana/Cannabis (in years)	17.6	17.3								
Delta 8 THC	13.7									
K2 (Synthetic Marijuana) Use in Past Year	1.2		0.7		3.9		4.5		1.2	
Inhalant Use in Past Year	1.2		0.8		1.4		2.1		1.2	
Ecstasy, MDMA, Mushrooms, LSD, PCP, etc in Past Year	5.7		5.0	5.0	5.0	5.0				
MDMA (Ecstasy, Molly)	1.2									
Hallucinogens (LSD, PCP, Mushrooms, etc)	5.3									
Club Drug Use in Past Year							3.5		3.0	
Cocaine Use in Past Year	1.8	1.8	2.1	3.1	4.1	4.0	5.0	3.3	2.7	
Amphetamine Use in Past Year							4.4	4.7	3.8	
Methamphetamine Use in Past Year	0.7		0.4		1.3		1.9		1.2	
Kratom Use in Past Year	1.1		0.8							
Heroin Use in Past Year	0.4	0.3	0.1	0.2	0.2	0.4				
Bath Salts Use in Past Year									0.8	
Prescription Stimulant Use without Rx in Past Year	2.5	3.1	3.4	4.9	5.5	6.5	8.1	7.9	7.4	7.5
Prescription Stimulant Misuse with Rx in Past Year	1.7	1.5	1.1	1.2	1.4					
Prescription Pain Medication Use without Rx in Past Year	1.3	1.5	2.1	2.6	3.5	4.2	4.4	6.5	6.7	7.4
Prescription Pain Medication Misuse with Rx in Past Year	1.5	1.7	1.3	2.0	2.5					
Prescription Sedative Use without Rx in Past Year	0.9	1.2	1.3	1.7	2.0	3.1	0.7	3.5	3.1	3.1
Prescription Sedative Misuse with Rx in Past Year	0.8	0.9	0.5	0.9	0.9					
Prescription Sleep Medication Use without Rx in Past Year	0.8	1.1	0.8	1.0	1.5	1.8	1.3	1.7	1.7	4.4
Prescription Sleep Medication Misuse with Rx in Past Year	0.6	0.9	0.5	0.6	0.8					
Other Prescription Drug Use without Rx in Past Year	1.0	1.2	0.5	0.6	0.6	0.5				
Other Prescription Drug Misuse with Rx in Past Year	0.9	1.1	0.4	0.6	0.6					

Data are unweighted.

A blank data cell indicates question not included on survey in year indicated.

‡ Indicates survey question was revised beginning with year indicated.

Source: Missouri Assessment of College Health Behaviors, 2017-2023; Missouri College Health Behavior Survey, 2007-2016
Partners in Prevention Statewide Coalition. University of Missouri, Columbia, MO.

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See also:

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MISSOURI ASSESSMENT OF COLLEGE HEALTH BEHAVIORS: MISSOURI COLLEGE STUDENTS

Self-Reported Adverse Impacts of Substance Use: Percentage of Students Surveyed

ALCOHOL USE

	2023	2022	2021	2020	2019	2018	2017	2016	2015	2014
Hangover	36.8	36.5	40.7	45.3	46.2	48.9	49.4	47.4	47.9	50.3
Vomiting	28.1	28.6								
Blackout or Memory Loss	17.4	16.8	16.5	22.6	24.1	25.0	25.8	25.6	24.8	27.0
Rode with Someone who Drove After Drinking	15.1	12.3	13.2	18.0	21.1	21.4	23.1	24.9	26.9	28.5
Missed Class	11.0	11.5	7.7	14.9	14.2	16.3	16.5	15.1	15.4	17.4
Drove After Consumption	10.9	9.2	8.7	12.2	14.3	16.3	17.0	21.2	21.4	23.5
Hurt or Injured	8.1	7.4	7.5	9.8	9.3	9.3	9.9	9.9	9.2	11.0
Forced or Coerced to Drink More than Desired	7.0	7.8	8.2	11.1	12.9	12.3	14.9	16.1	14.3	16.2
Performed Poorly on Test or Assignment	6.4	6.2	5.0	7.8	7.6	9.0	9.6	8.8	9.4	11.0
Someone Had Sexual Contact with Me without My Consent	3.3	3.3	3.8	4.6	5.3	5.6	5.3	5.4	5.0	5.9
Experienced Alcohol Poisoning in Past Year	3.1	2.8								
Trouble with Campus Administration	1.9	1.6	1.3	2.2	2.5	2.7	2.9	3.2	3.1	3.3
Received Medical Attention	1.4	1.3	1.2	1.9	1.6	2.0	2.0	1.7	2.1	2.9
Arrested by Campus Police or Other Law Enforcement	0.4	0.5	0.3	0.8	0.9	0.9	1.1	1.3	1.3	2.0
Had Sexual Contact with Someone without Their Consent	0.3	0.3	0.2	0.5	0.6	0.9	0.9	0.7	1.0	2.1
Arrested for DUI or DWI	0.2	0.4	0.3	0.3	0.5	0.5	0.7	0.7	0.7	1.1
Engaged in Risky Sexual Behavior			7.7	10.8	12.1	12.7	13.4	13.6	14.4	15.8

MARIJUANA / CANNABIS USE

	2023	2022	2021	2020	2019
Felt in a fog, sluggish, tired, or dazed the morning after using	40.2		34.0	37.2	34.0
Needed to use more because of an increased tolerance	25.5				
Attended class after using marijuana/cannabis	19.8				
Felt very sick to my stomach or threw up	16.4		17.0	14.9	13.9
Had trouble sleeping	10.5				
Missed class	9.6	8.8	6.4	9.8	8.2
Performed poorly on a test or assignment	7.3	9.1	4.9	6.0	5.7
Had a blackout after using marijuana/cannabis heavily	6.7		5.6	6.3	5.4
Been arrested for DUI/DWI	0.6		0.5	0.4	0.8
Driven after consuming any cannabis products				29.4	35.0
Been in trouble with campus administrators				2.2	2.3
Been hurt or injured				1.8	1.2
Damaged property or done something disruptive				1.5	2.2
Received medical attention				0.8	0.9

Data are unweighted.

A blank data cell indicates question not included on survey in year indicated.

‡ Indicates survey question was revised beginning with year indicated.

Source: Missouri Assessment of College Health Behaviors, 2017-2023; Missouri College Health Behavior Survey, 2007-2016 Partners in Prevention Statewide Coalition. University of Missouri, Columbia, MO.

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MISSOURI ASSESSMENT OF COLLEGE HEALTH BEHAVIORS: MISSOURI COLLEGE STUDENTS

Mental Health Issues

2023 2022 2021 2020 2019 2018 2017 2016 2015 2014 2013

AMONG ALL STUDENTS, MAIN SOURCES OF STRESS (%)

School / Academics	88.0	88.8	90.8	90.1		91.9		87.1		89.4	
Financial Concerns	52.8	51.8	50.2	56.4		57.5		54.2		54.4	
Future Plans	51.8	50.4	55.6	53.7		53.6		50.3		53.2	
Time Management	54.5	52.0	50.6	53.1		52.7		50.8		52.2	
Job	37.6	37.1	38.9	35.5		38.3		37.0		34.9	
Dating / Relationship with Partner	25.4	25.3	26.8	27.0		28.4		27.5		29	
Friends / Family	33.5	‡ 33.0	35.6	33.2		31.1		30.0		29.7	
Physical Health	30.9	28.1	35.0	31.1		29.7		26.2		25.1	
Outside Organizations / Responsibilities	21.2	19.2	18.4	22.3		22.9		20.4		22.8	
Friends			22.4	23.3		20.7		19.0		19.6	
Roommates	15.1	15.1	14.4	16.0		16.6		15.8		16.6	
Mental Health Issues	43.6	42.5	41.2	33.7		22.9		15.7		9.9	
Other Sources of Stress	2.3	2.5	3.6	1.9		2.1		2.2		2.6	

AMONG ALL STUDENTS, PROBLEMS EXPERIENCED IN PAST YEAR (%)

Anxiety	67.2	69.6	64.3	60.6	57.4	52.1	49.0	47.3	45.0	44.1	39.4
Chronic Sleep Issue	26.2	28.1	25.3	22.3	20.0	18.8	17.1	18.5	18.2	18.8	18.1
Suicidal Thoughts	25.9	25.1	24.7	24.6	23.1	20.4	17.6	17.4	15.0	15	13.6
Depression	53.8	54.8	34.8	32.7	31.4	26.8	24.6	22.9	21.4	18.5	17.6
Panic Attack	30.1	30.0	29.8	29.6	27.6	24.5	21.5	19.2	17.2	15.4	13.4
Disordered Eating / Eating Disorder	‡ 23.8	19.0	14.3	11.5	8.7	7.3	6.8	6.5	6.6	5.8	6.4
Self-injury/self-harm behaviors	9.2	8.3	6.1	6.0	5.9	5.2	4.7	4.6	4.5	3.6	3.8
Abusive Relationship			4.4	4.7	4.9	4.6	4.2	3.8	4.1	3.2	3.1
Substance Use Disorder or Dependency	4.7	‡ 4.3	3.8	2.3	2.8	2.5	2.6	2.7	2.8	2.8	3.2
Bipolar Disorder	4.2	4.3	3.4	3.5	3.4	2.3	2.5	2.8	2.8	2.6	2.3
Sexual Assault			3.8	3.6	3.8	3.5	2.8	2.6	2.1	1.5	1.4
Suicide Attempt	2.1	2.1	1.6	2.1	1.8	1.8	1.3	1.6	1.5	0.9	0.9
Other Issue	1.5	1.8	3.3	2.5	2.0	1.5	1.7	1.7	1.9	0.4	1.7
None of the Listed Problems	19.8	18.5	25.0	28.9	33.2	38.2	41.7	40.9	41.7	43.3	46.7

AMONG STUDENTS EXPERIENCING THE PROBLEMS LISTED BELOW, THOSE WHO SOUGHT ASSISTANCE (%)

Depression	81.1	‡ 89.8	75.1	70.5	67.4	67.0	66.0	‡ 63.6	47.7	50.3	48.4
Panic Attack	84.9	92.1	77.9	75.0	71.2	72.3	70.5	‡ 68.5	41.8	42.6	44.4
Bipolar Disorder	86.9	83.9	77.1	74.0	68.4	70.9	69.0	‡ 66.7	51.7	50.8	49.2
Abusive Relationship			78.8	74.1	68.9	64.6	61.6	‡ 63.6	28.0	35.1	33.9
Anxiety	80.5	90.0	67.6	68.8	65.0	65.9	60.4	‡ 62.7	39.1	26.9	37.1
Chronic Sleep Issue	80.5	90.2	69.5	67.3	60.3	61.7	59.4	‡ 59.2	35.4	31.8	31.2
Self-injury	85.1	92.7	73.3	72.1	67.3	69.7	64.2	‡ 61.1	39.2	39.4	38.1
Sexual Assault			73.5	71.9	65.7	68.1	62.1	‡ 63.6	25.0	30.3	27.9
Disordered Eating / Eating Disorder	‡ 80.1	88.1	70.7	67.0	64.0	64.0	58.6	‡ 57.0	27.9	24.9	26.7
Substance Use Disorder or Dependency	80.8	‡ 88.4	64.9	60.0	65.2	57.1	55.0	‡ 54.9	22.4	21	18.4
Other Issue	87.0	96.1	77.3	79.8	78.7	83.9	68.1	‡ 69.0	48.5	51.9	45.6

Data are unweighted.

A blank data cell indicates question not included on survey in year indicated.

‡ Indicates survey question was revised beginning with year indicated.

Source: Missouri Assessment of College Health Behaviors, 2017-2023; Missouri College Health Behavior Survey, 2007-2016

Partners in Prevention Statewide Coalition. University of Missouri, Columbia, MO.

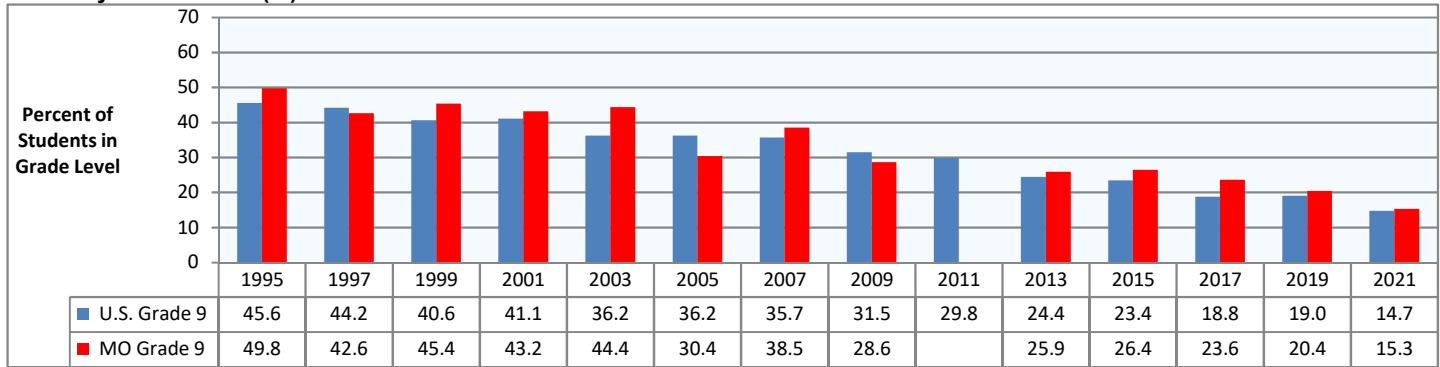
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See also:

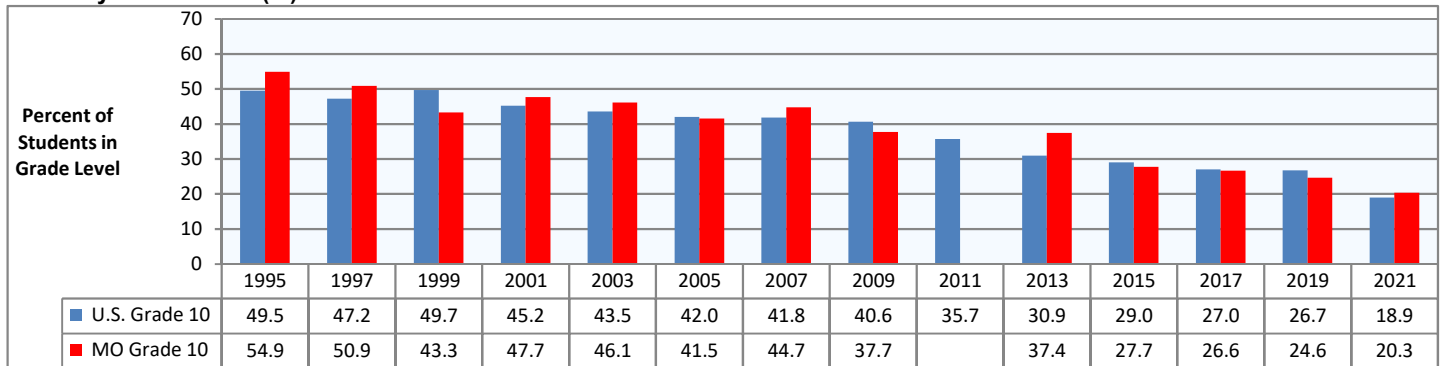
<https://www.mopip.org/docs/briefs/PIP Fact MACHB 2022.pdf>

PAST 30-DAY ALCOHOL USE: U.S. AND MISSOURI STUDENTS IN GRADES 9-12

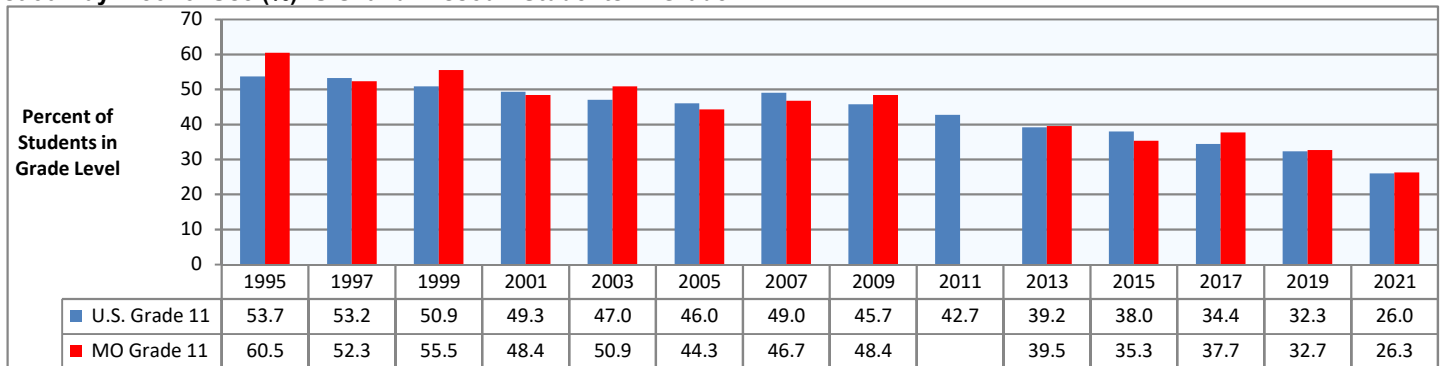
Past 30-Day Alcohol Use (%): U.S. and Missouri Students in Grade 9



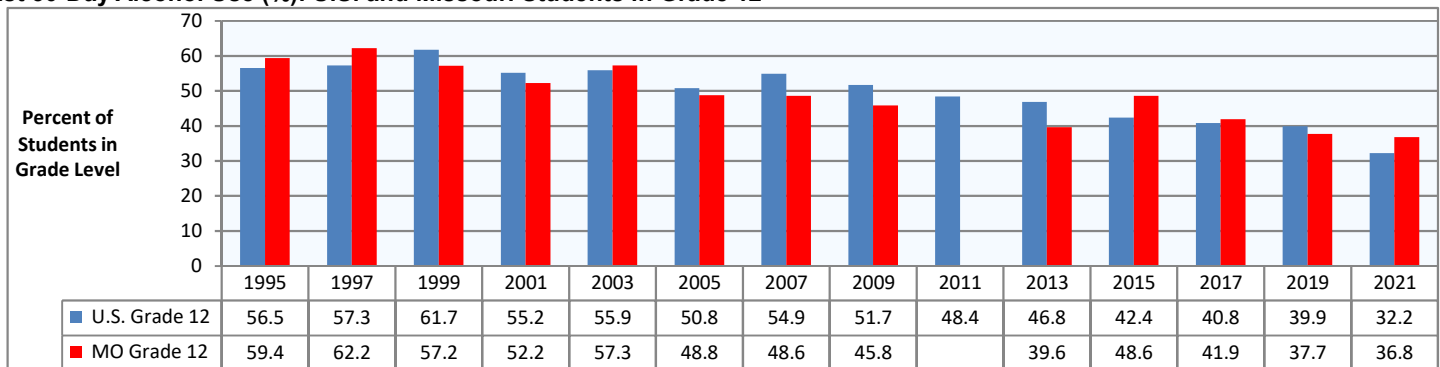
Past 30-Day Alcohol Use (%): U.S. and Missouri Students in Grade 10



Past 30-Day Alcohol Use (%): U.S. and Missouri Students in Grade 11



Past 30-Day Alcohol Use (%): U.S. and Missouri Students in Grade 12

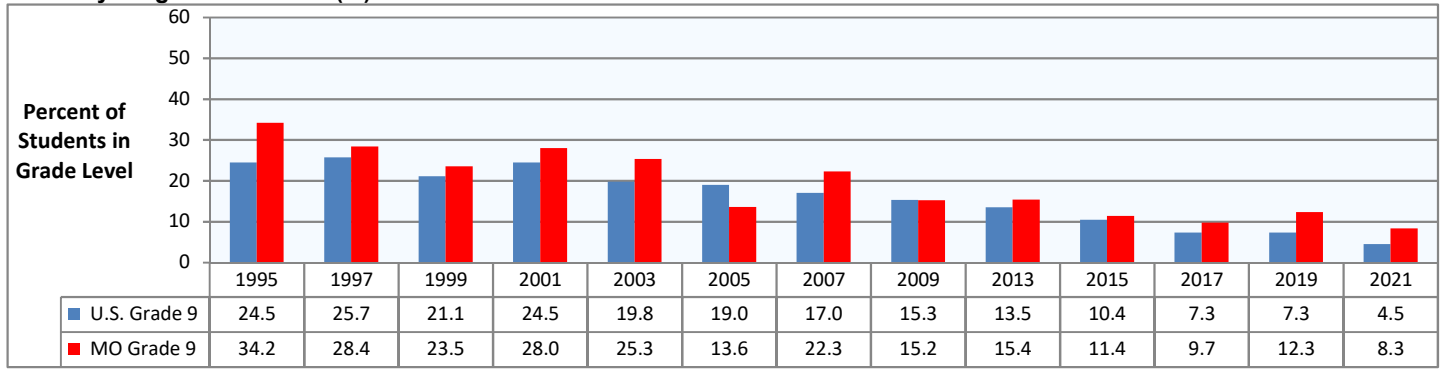


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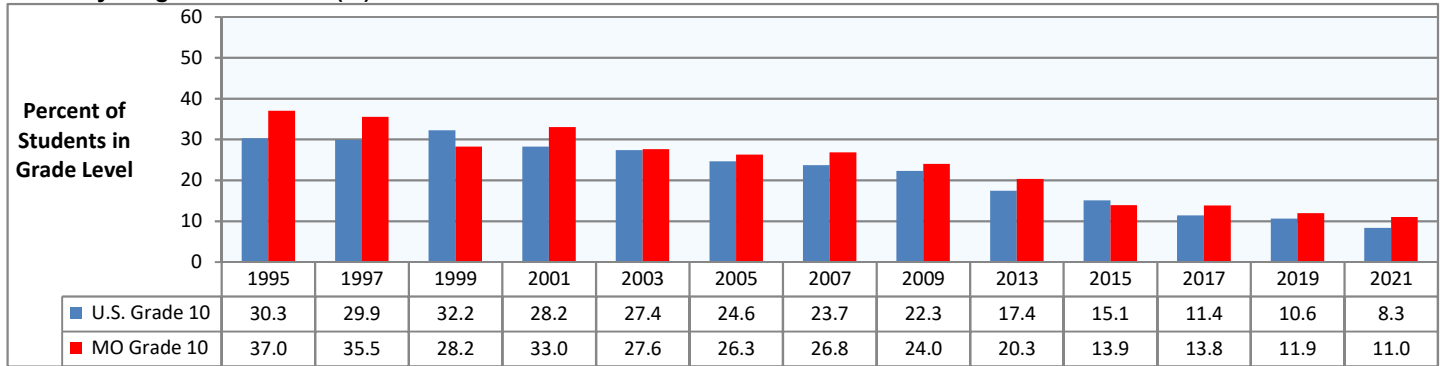
U.S. Department of Health and Human Services, Centers for Disease Control and Prevention. High School Youth Risk Behavior Survey. Data shown are weighted estimates. 2011 Missouri estimates are not available due to insufficient survey response rate.

PAST 30-DAY BINGE ALCOHOL USE: U.S. AND MISSOURI STUDENTS IN GRADES 9-12

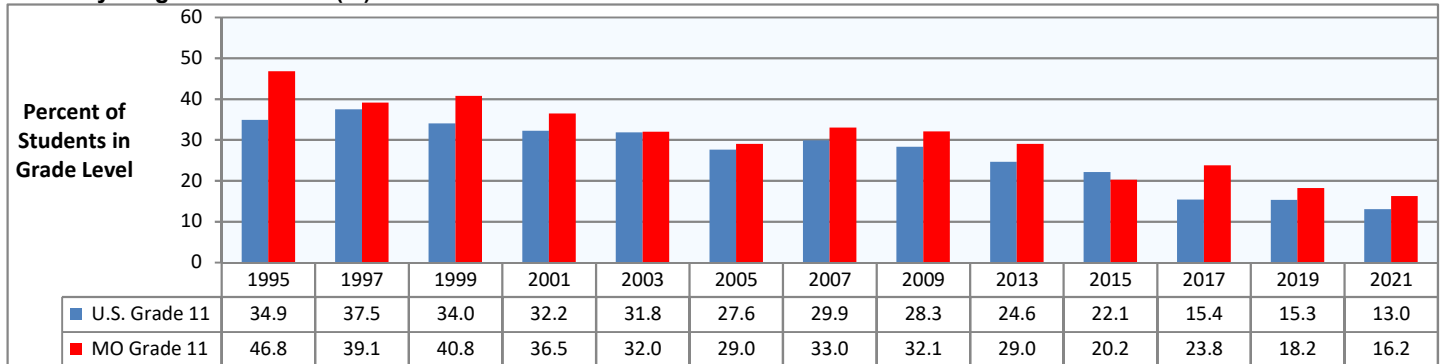
Past 30-Day Binge Alcohol Use (%): U.S. and Missouri Students in Grade 9



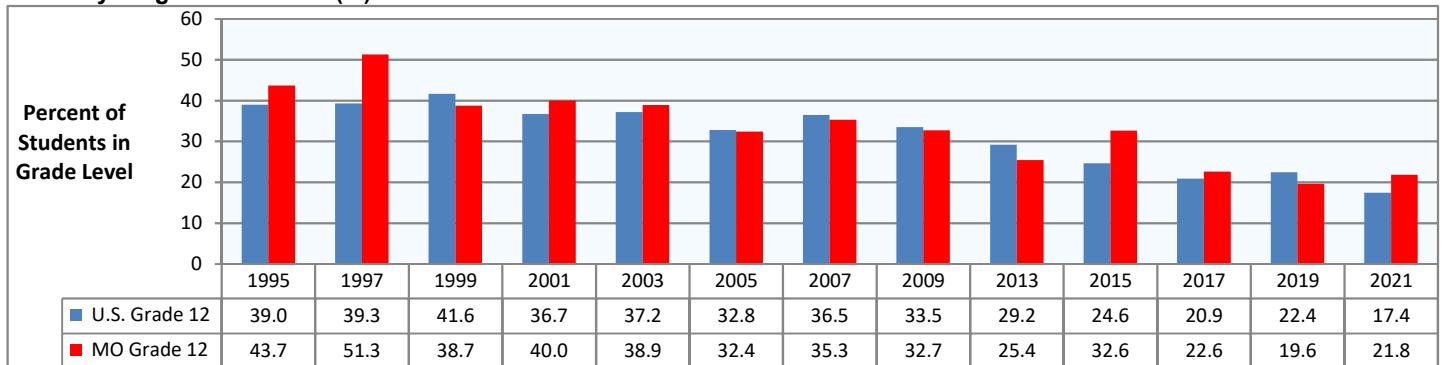
Past 30-Day Binge Alcohol Use (%): U.S. and Missouri Students in Grade 10



Past 30-Day Binge Alcohol Use (%): U.S. and Missouri Students in Grade 11



Past 30-Day Binge Alcohol Use (%): U.S. and Missouri Students in Grade 12

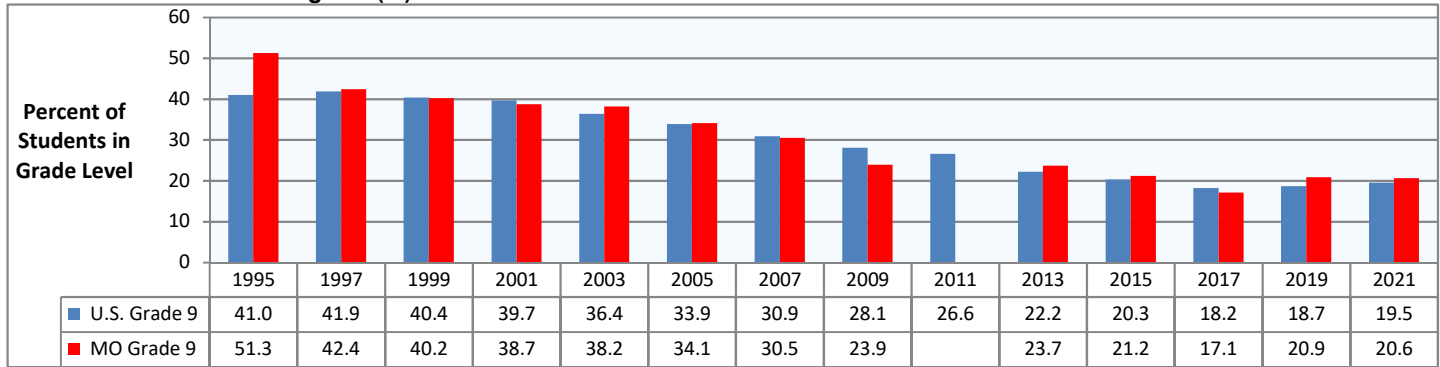


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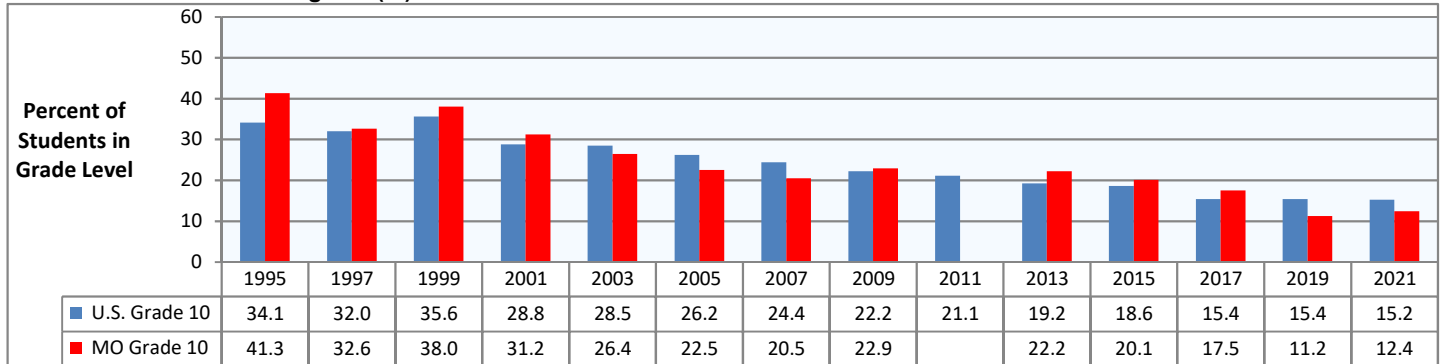
U.S. Department of Health and Human Services, Centers for Disease Control and Prevention. High School Youth Risk Behavior Survey. Data shown are weighted estimates. 2011 Missouri estimates are not available due to insufficient survey response rate.

ALCOHOL USE BEFORE AGE 13: U.S. AND MISSOURI STUDENTS IN GRADES 9-12

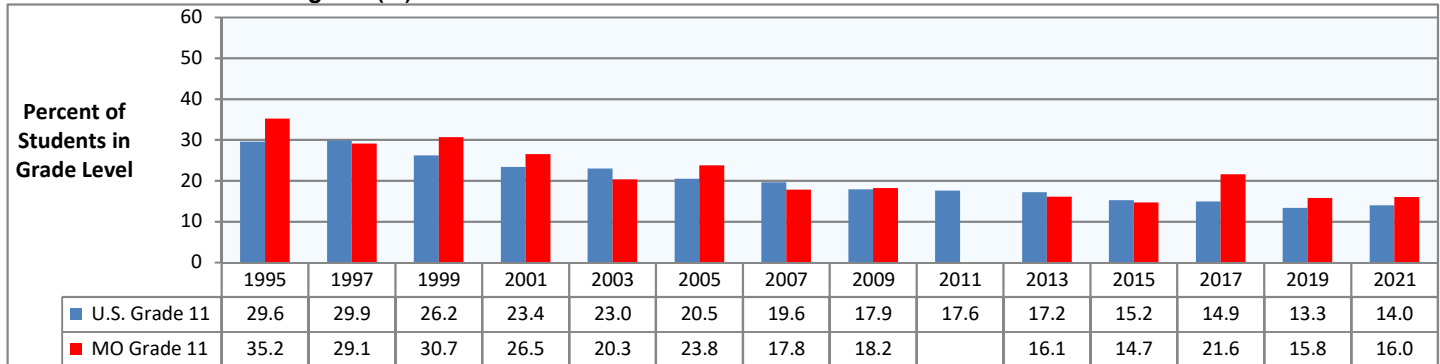
First Use of Alcohol Before Age 13 (%): U.S. and Missouri Students in Grade 9



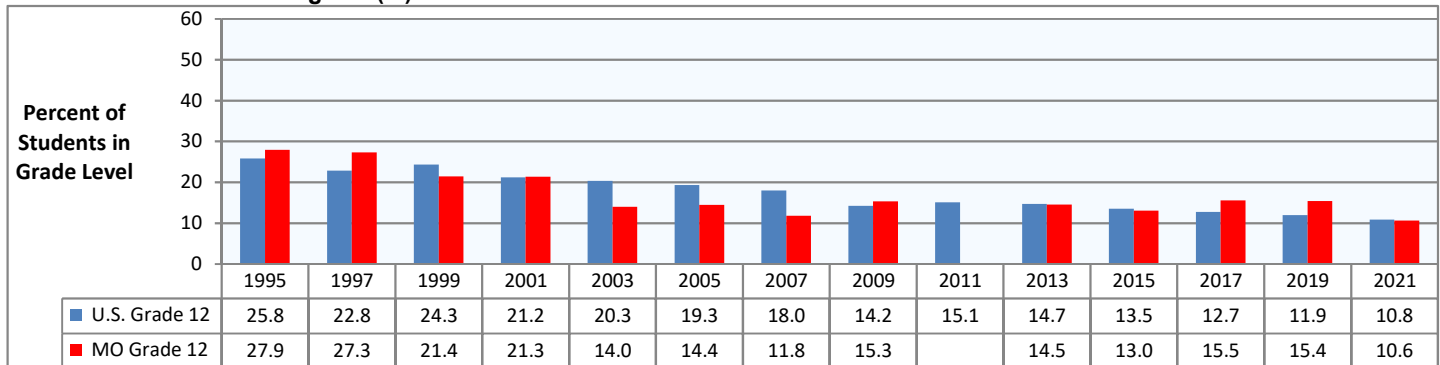
First Use of Alcohol Before Age 13 (%): U.S. and Missouri Students in Grade 10



First Use of Alcohol Before Age 13 (%): U.S. and Missouri Students in Grade 11



First Use of Alcohol Before Age 13 (%): U.S. and Missouri Students in Grade 12

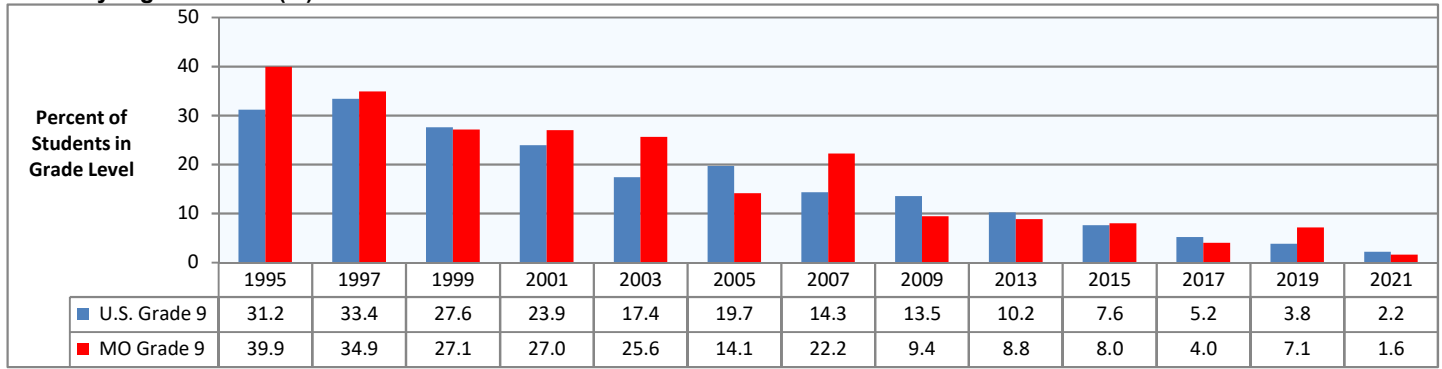


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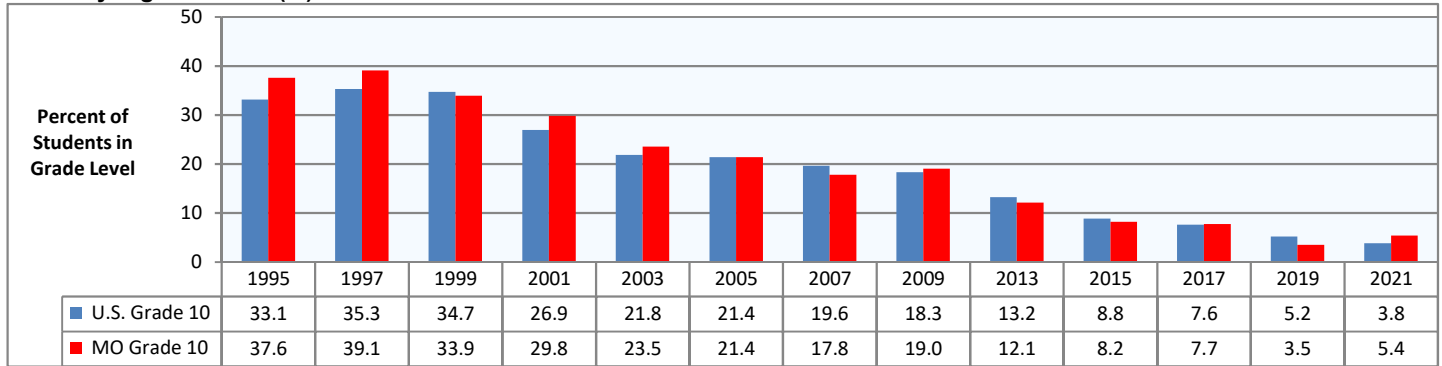
U.S. Department of Health and Human Services, Centers for Disease Control and Prevention. High School Youth Risk Behavior Survey. Data shown are weighted estimates. 2011 Missouri estimates are not available due to insufficient survey response rate.

PAST 30-DAY CIGARETTE USE: U.S. AND MISSOURI STUDENTS IN GRADES 9-12

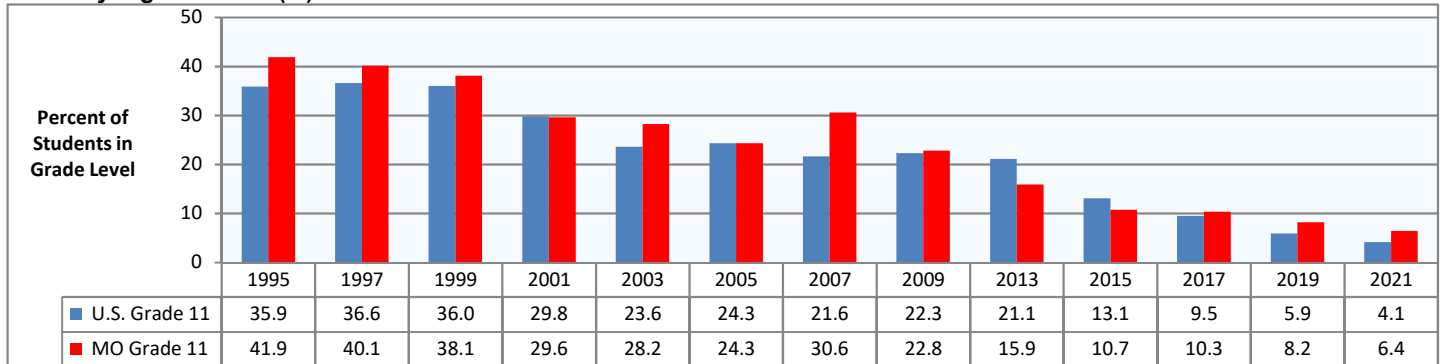
Past 30-Day Cigarette Use (%): U.S. and Missouri Students in Grade 9



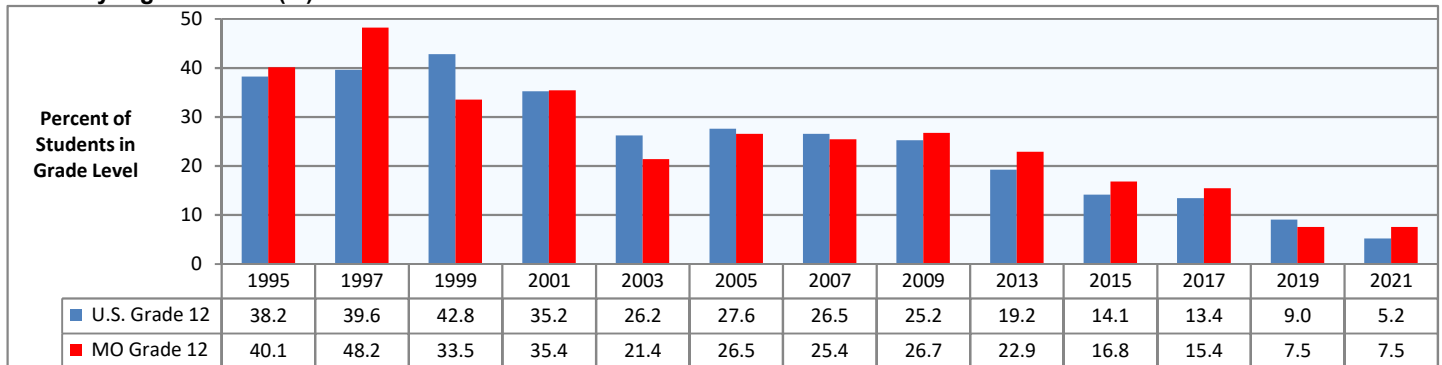
Past 30-Day Cigarette Use (%): U.S. and Missouri Students in Grade 10



Past 30-Day Cigarette Use (%): U.S. and Missouri Students in Grade 11



Past 30-Day Cigarette Use (%): U.S. and Missouri Students in Grade 12

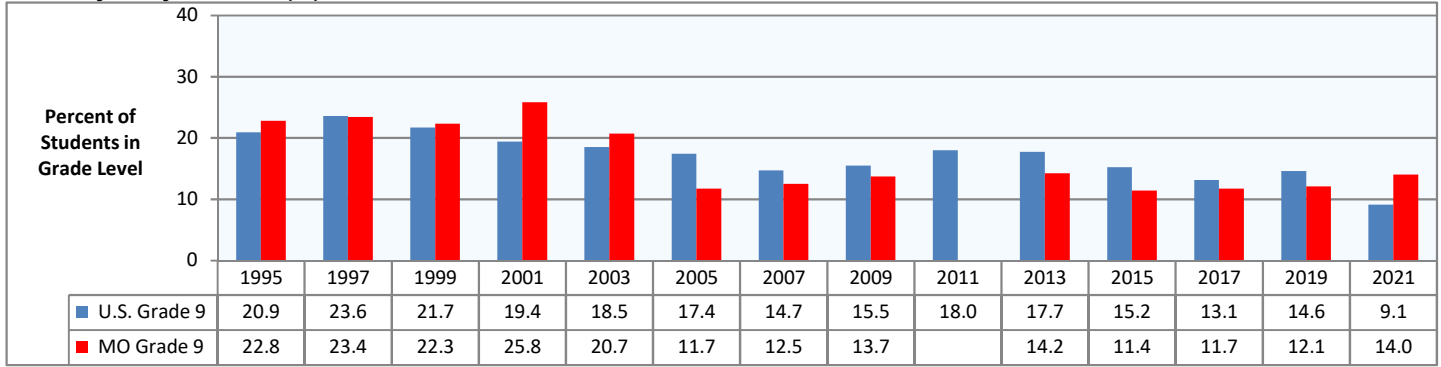


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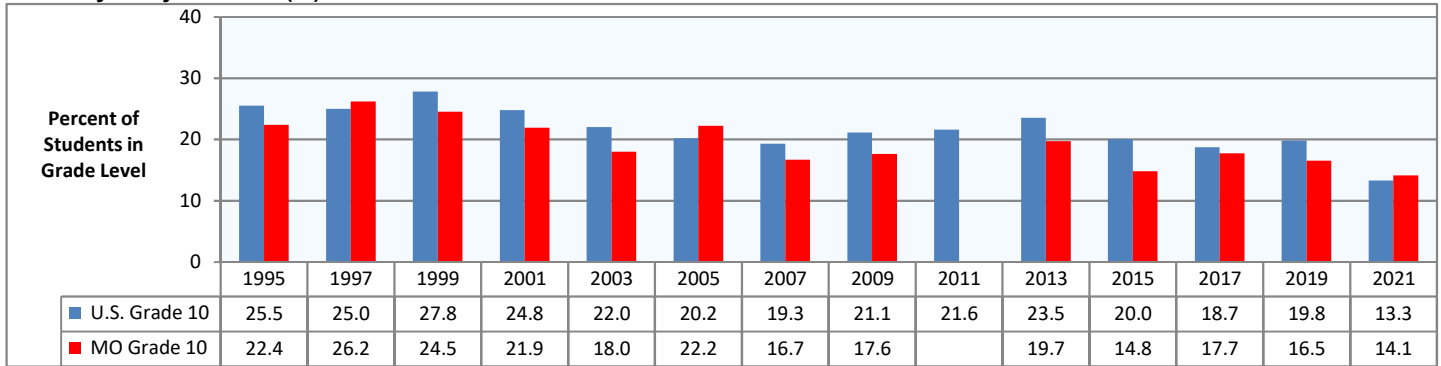
U.S. Department of Health and Human Services, Centers for Disease Control and Prevention. High School Youth Risk Behavior Survey. Data shown are weighted estimates. 2011 Missouri estimates are not available due to insufficient survey response rate.

PAST 30-DAY MARIJUANA USE: U.S. AND MISSOURI STUDENTS IN GRADES 9-12

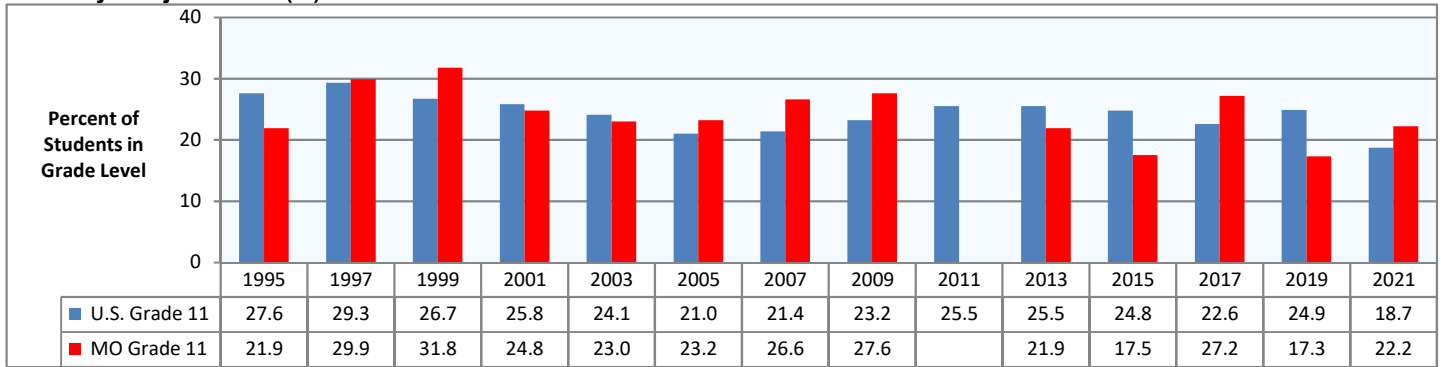
Past 30-Day Marijuana Use (%): U.S. and Missouri Students in Grade 9



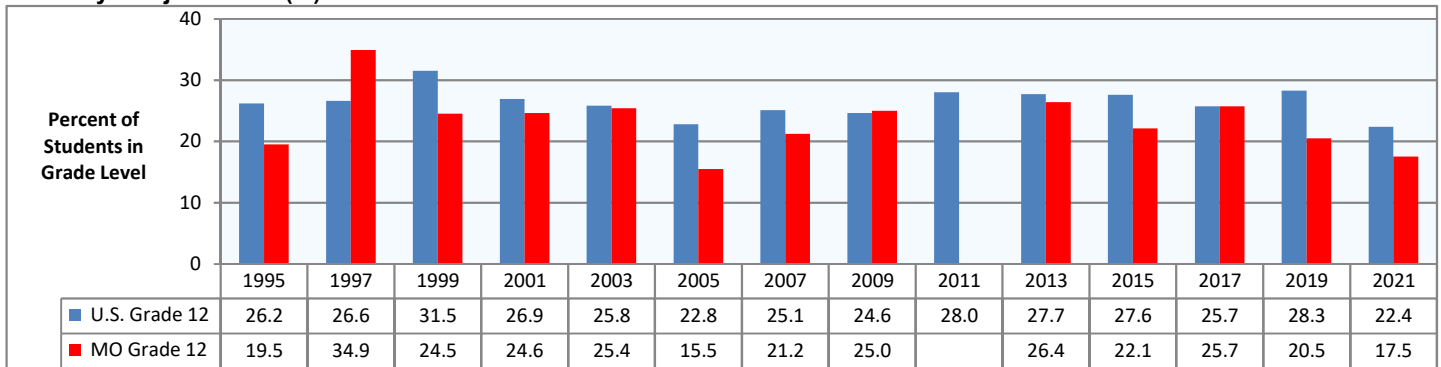
Past 30-Day Marijuana Use (%): U.S. and Missouri Students in Grade 10



Past 30-Day Marijuana Use (%): U.S. and Missouri Students in Grade 11



Past 30-Day Marijuana Use (%): U.S. and Missouri Students in Grade 12

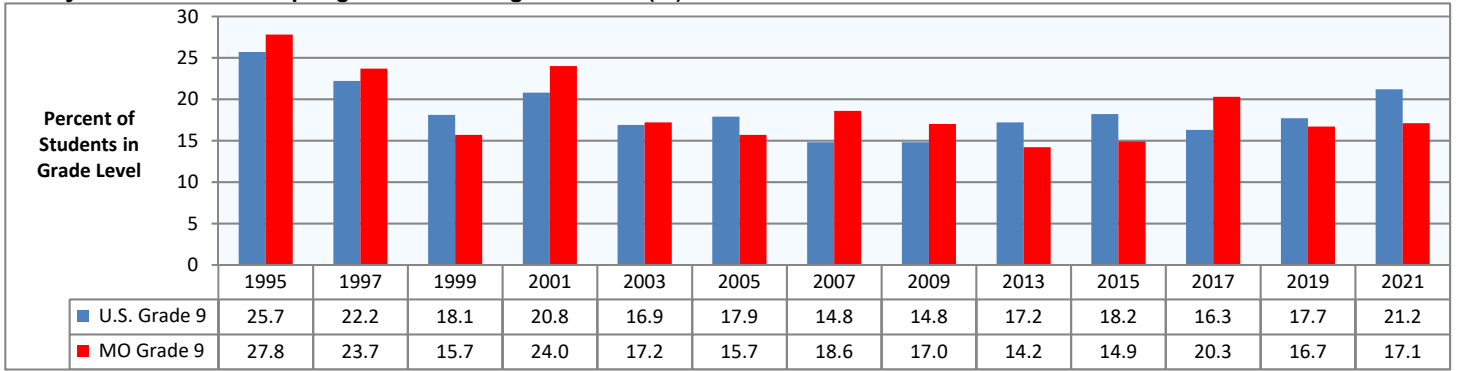


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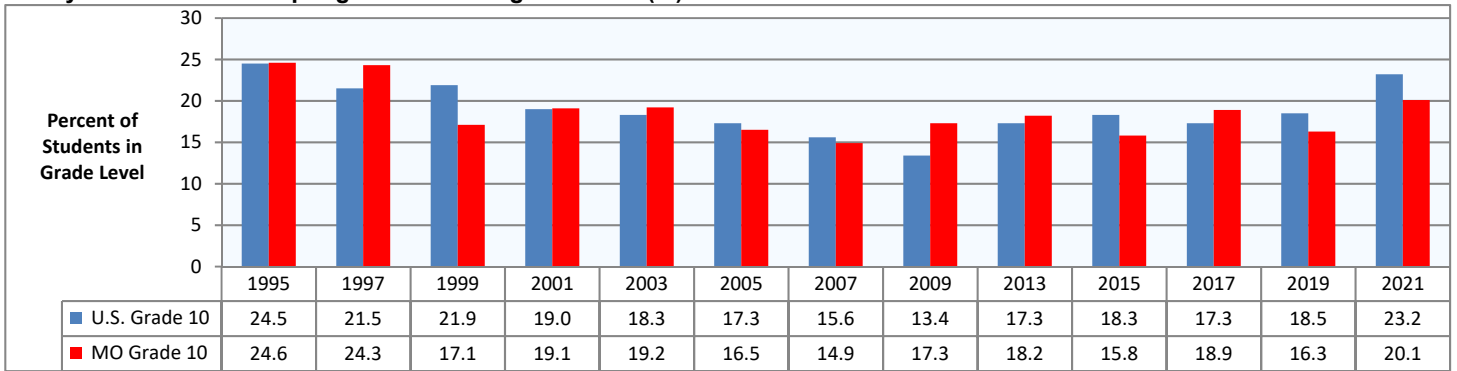
U.S. Department of Health and Human Services, Centers for Disease Control and Prevention. High School Youth Risk Behavior Survey. Data shown are weighted estimates. 2011 Missouri estimates are not available due to insufficient survey response rate.

SERIOUSLY CONSIDERED SUICIDE: U.S. AND MISSOURI STUDENTS IN GRADES 9-12

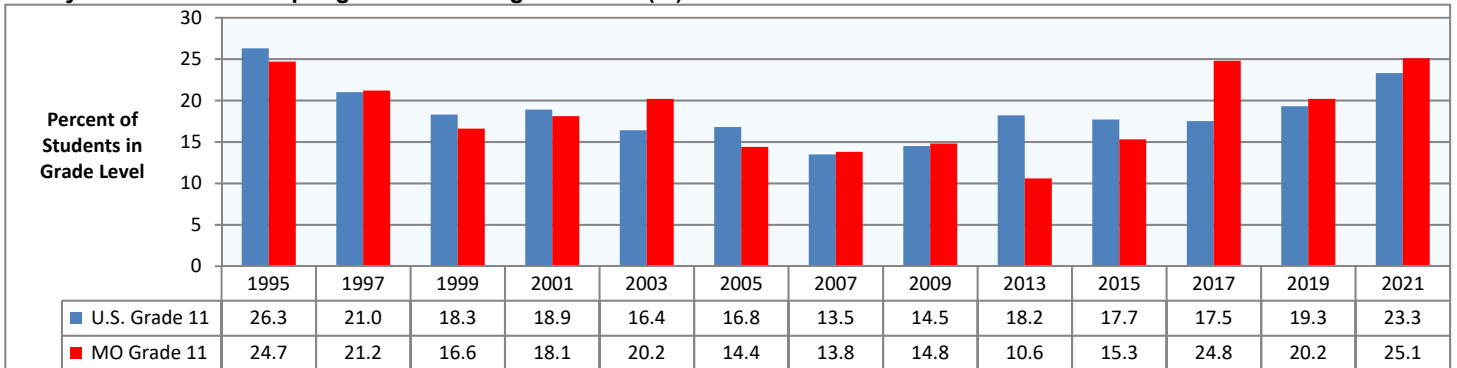
Seriously Considered Attempting Suicide during Past Year (%): U.S. and Missouri Students in Grade 9



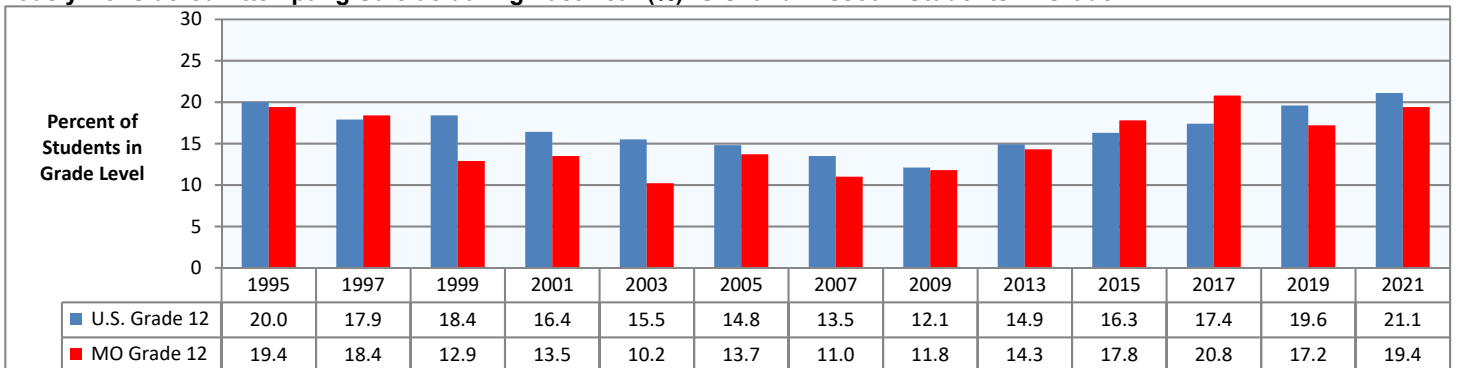
Seriously Considered Attempting Suicide during Past Year (%): U.S. and Missouri Students in Grade 10



Seriously Considered Attempting Suicide during Past Year (%): U.S. and Missouri Students in Grade 11



Seriously Considered Attempting Suicide during Past Year (%): U.S. and Missouri Students in Grade 12



Data Source:

U.S. Department of Health and Human Services, Centers for Disease Control and Prevention. High School Youth Risk Behavior Survey. Data shown are weighted estimates. 2011 Missouri estimates are not available due to insufficient survey response rate.

YOUTH RISK BEHAVIOR SURVEY: U.S. AND MISSOURI STUDENTS IN GRADE 9

Daily Use ¹	2021		2019		2017		2015		2013		2011		2009		2007		2005		2003	
	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO
Cigarettes	0.3	0.2	0.6	0.5	0.9	0.7	1.7	1.3	2.2	1.6	2.3	NA	3.3	1.9	3.2	6.6	5.2	3.7	5.0	9.8
Smokeless Tobacco	0.2	0.4	NA	NA	0.6	1.2														
Electronic Vapor Product	2.6	2.3	3.6	4.6	1.2	1.3	1.9	1.0												

Current Use ²	2021		2019		2017		2015		2013		2011		2009		2007		2005		2003	
	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO
Alcohol	14.7	15.3	19.0	20.4	18.8	23.6	23.4	26.4	24.4	25.9	29.8	NA	31.5	28.6	35.7	38.5	36.2	30.4	36.2	44.4
Binge Drinking ³	4.5	8.3	7.3	12.3	7.3	9.7	10.4	11.4	13.5	15.4	14.0	NA	15.3	15.2	17.0	22.3	19.0	13.6	19.8	25.3
Cigarettes	2.2	1.6	3.8	7.1	5.2	4.0	7.6	8.0	10.2	8.8	13.0	NA	13.5	9.4	14.3	22.2	19.7	14.1	17.4	25.6
Frequent Cigarette use ⁴	0.4	0.2	0.7	0.5	1.3	1.2	2.2	1.7	2.9	2.2	3.3	NA	4.7	2.2	4.3	8.7	6.9	5.1	6.3	11.9
More than 10 Cigarettes per Day	6.2	NA	NA	NA	7.9	NA	6.8	NA	9.1	NA	6.2	NA	8.0	NA	10.1	NA	8.6	NA	10.9	11.1
Smokeless Tobacco ⁶	2.1	0.7	2.0	2.5	4.1	3.4	5.9	8.8	7.3	9.2	5.9	NA	7.2	6.5	6.3	7.6	7.6	3.6	6.6	6.6
Marijuana	9.1	14.0	14.6	12.1	13.1	11.7	15.2	11.4	17.7	14.2	18.0	NA	15.5	13.7	14.7	12.5	17.4	11.7	18.5	20.7
Electronic Vapor Product	12.9	11.1	25.0	14.8	9.5	6.5	19.7	18.8												
Frequent EVP use ⁸	3.9	3.9	6.2	5.9	1.8	2.1	2.4	1.6												

Use Before Age 13	2021		2019		2017		2015		2013		2011		2009		2007		2005		2003	
	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO
Alcohol	19.5	20.6	18.7	16.0	18.2	17.1	20.3	21.2	22.2	23.7	26.6	NA	28.1	23.9	30.9	30.5	33.9	34.1	36.4	38.2
Cigarettes	8.2	NA	8.8	11.6	9.5	11.6	7.2	10.0	9.5	9.2	12.1	NA	12.1	8.2	16.3	15.7	18.6	15.9	19.3	28.1
Marijuana	4.9	7.1	6.0	NA	7.0	NA	8.5	NA	9.8	NA	9.7	NA	9.1	6.3	9.8	8.9	11.2	11.4	11.7	13.1

Ever Used ⁹	2021		2019		2017		2015		2013		2011		2009		2007		2005		2003	
	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO
Alcohol	NA	NA	NA	NA	47.7	NA	50.8	NA	55.6	NA	61.7	NA	63.4	62.0	65.5	67.8	66.5	64.5	65.0	73.6
Cigarettes	13.9	NA	18.1	NA	20.9	22.5	25.1	24.9	31.7	31.2	37.7	NA	37.7	34.0	42.7	47.2	48.7	40.7	52.0	60.8
Marijuana	15.6	NA	24.3	20.1	23.8	NA	25.9	NA	30.1	NA	30.8	NA	26.4	22.3	27.5	24.6	29.3	22.8	30.7	35.7
Synthetic Marijuana	5.0	NA	5.3	NA	5.5	NA	7.1	NA												
Electronic Vapor Product	26.1	27.0	40.2	42.8	32.7	31.8	37.2	33.6												
Inhalant	8.7	NA	6.0	NA	7.2	NA	8.3	NA	10.1	NA	12.7	NA	13.0	10.7	15.0	17.3	14.1	12.5	13.6	13.5
Hallucinogen	3.4	NA	3.8	NA	4.0	NA	4.7	NA	4.6	NA	6.3	NA	5.9	NA	5.1	NA	7.2	NA	9.2	NA
Ecstasy	1.7	1.5	2.4	NA	2.5	NA	3.2	NA	4.0	NA	5.2	NA	4.9	1.3	4.6	5.5	5.8	3.8	10.9	5.9
Cocaine	1.7	1.6	2.3	3.5	2.9	NA	3.4	NA	4.4	NA	5.0	NA	4.5	2.2	4.8	4.5	6.0	3.1	6.8	5.4
Methamphetamine	1.4	1.9	1.4	2.7	1.9	NA	2.0	NA	2.4	NA	3.2	NA	3.3	1.9	3.6	2.9	5.7	2.9	6.7	5.1
Heroin	0.8	1.4	1.3	0.9	1.3	3.0	1.8	NA	2.0	NA	2.9	NA	2.1	0.9	2.6	2.0	2.8	2.1	3.5	3.4
Prescription Pain Medicine ¹⁰	13.2	19.3	13.8	20.8	10.9	9.3														
Steroid	NA	NA	2.0	NA	2.6	NA	3.6	NA	2.9	NA	4.2	NA	3.2	2.0	4.8	3.5	4.8	2.4	7.1	7.1
Injection Drug Use	1.0	1.7	1.7	NA	1.3	NA	1.6	NA	1.5	NA	2.1	NA	2.0	1.3	2.0	3.6	2.4	1.7	3.2	3.2
Illicit Drugs at School ¹¹	11.7	13.1	21.6	NA	18.9	NA	21.6	NA	22.4	NA	23.7	NA	22.0	17.4	21.2	16.4	24.0	16.9	29.5	23.5

Footnotes:

NA Data not available.

- Use of the substance on all 30 days during the 30 days prior to the survey.
- Use of the substance on at least 1 day during the 30 days prior to the survey
- Binge alcohol use in the YRBS is defined as males consuming 5 or more drinks in a row and females consuming 4 or more drinks in a row within a couple of hours on at least one day during the past 30 days.
- Use of cigarettes on 20 or more days during the 30 days prior to the survey.
- Percentages are among the current smokers.
- Does not include electronic vapor products.
- Use of smokeless tobacco products on 20 or more days during the 30 days prior to the survey.
- Used electronic vapor product on 20 or more days during the 30 days prior to the survey.
- Use of the substance at least once in lifetime.
- Prescription pain medicine without a doctor's prescription or differently than how doctor instructed to use it.
- Student was offered, sold, or given an illegal drug on school property.

Values shown are weighted estimates based on sampling. Apparent differences in values may not be statistically significant.

Data Source: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention. High School Youth Risk Behavior Survey.

YOUTH RISK BEHAVIOR SURVEY: U.S. AND MISSOURI STUDENTS IN GRADE 10

Daily Use ¹	2021		2019		2017		2015		2013		2011		2009		2007		2005		2003	
	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO
Cigarettes	0.4	0.7	1.0	0.2	1.4	1.2	2.1	1.8	2.9	2.9	3.4	NA	4.0	5.6	5.5	7.6	5.8	6.9	7.1	11.9
Smokeless Tobacco	0.5	0.8	NA	NA	1.5	0.9														
Electronic Vapor Product	3.5	5.4	5.4	5.7	1.7	1.7	1.7	2.3												

Current Use ²	2021		2019		2017		2015		2013		2011		2009		2007		2005		2003	
	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO
Alcohol	18.9	20.3	26.7	24.6	27.0	26.6	29.0	27.7	30.9	37.4	35.7	NA	40.6	37.7	41.8	44.7	42.0	41.5	43.5	46.1
Binge Drinking ³	8.3	11.0	10.6	11.9	11.4	13.8	15.1	13.9	17.4	20.3	18.4	NA	22.3	24.0	23.7	26.8	24.6	26.3	27.4	27.6
Cigarettes	3.8	5.4	5.2	3.5	7.6	7.7	8.8	8.2	13.2	12.1	15.6	NA	18.3	19.0	19.6	17.8	21.4	21.4	21.8	23.5
Frequent Cigarette use ⁴	0.6	0.2	1.2	0.2	1.8	1.2	2.9	2.4	4.0	4.9	4.3	NA	5.7	7.0	7.0	9.5	7.7	10.0	9.2	13.7
More than 10 Cigarettes per Day	10.4	NA	6.1	NA	10.6	NA	10.4	NA	8.7	NA	6.8	NA	6.2	NA	9.0	NA	6.6	11.2	10.8	NA
Smokeless Tobacco ⁶	2.2	5.8	3.6	5.8	4.6	5.8	6.3	8.9	8.1	10.1	7.4	NA	8.1	9.5	8.7	9.1	7.5	8.1	5.4	6.8
Marijuana	13.3	14.1	19.8	16.5	18.7	17.7	20.0	14.8	23.5	19.7	21.6	NA	21.1	17.6	19.3	16.7	20.2	22.2	22.0	18.0
Electronic Vapor Product	16.5	17.8	30.5	17.9	11.4	11.0	23.2	16.9												
Frequent EVP use ⁸	5.4	6.6	7.7	6.4	2.7	2.3	3.0	2.9												

Use Before Age 13	2021		2019		2017		2015		2013		2011		2009		2007		2005		2003	
	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO
Alcohol	15.2	12.4	15.4	11.2	15.4	17.5	18.6	20.1	19.2	22.2	21.1	NA	22.2	22.9	24.4	20.5	26.2	22.5	28.5	26.4
Cigarettes	6.1	NA	7.5	6.7	9.1	11.6	7.6	7.7	9.2	8.9	10.1	NA	11.2	13.3	14.3	12.6	16.0	14.2	20.1	21.9
Marijuana	4.2	6.8	5.7	NA	6.7	NA	8.3	NA	9.6	NA	7.5	NA	8.3	6.7	8.7	7.1	9.1	8.5	10.8	11.7

Ever Used ⁹	2021		2019		2017		2015		2013		2011		2009		2007		2005		2003	
	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO
Alcohol	NA	NA	NA	NA	58.0	NA	60.8	NA	64.0	NA	69.2	NA	71.1	68.3	74.7	74.1	74.4	70.6	75.7	75.9
Cigarettes	16.4	NA	21.6	NA	26.1	27.7	29.1	32.5	39.0	35.0	41.0	NA	44.0	44.1	48.8	45.9	52.5	51.2	58.3	59.7
Marijuana	24.0	NA	34.3	31.1	33.3	NA	35.5	NA	39.1	NA	36.4	NA	35.5	31.4	36.9	32.5	37.4	34.2	40.4	38.5
Synthetic Marijuana	6.4	NA	7.2	NA	7.2	NA	8.8	NA												
Electronic Vapor Product	34.6	38.9	48.3	47.5	41.0	34.5	43.3	30.8												
Inhalant	8.7	NA	7.0	NA	5.7	NA	7.5	NA	7.9	NA	11.8	NA	12.5	11.1	14.6	11.0	13.2	13.1	11.1	11.2
Hallucinogen	4.6	NA	5.6	NA	5.4	NA	6.2	NA	6.6	NA	7.7	NA	7.4	NA	8.0	NA	8.9	NA	8.9	NA
Ecstasy	2.4	3.3	3.0	NA	2.9	NA	4.9	NA	5.5	NA	7.7	NA	5.2	6.2	5.3	5.1	6.0	5.2	9.0	4.5
Cocaine	1.9	2.3	3.3	3.0	3.9	NA	5.1	NA	4.0	NA	6.5	NA	5.6	4.7	7.2	4.6	7.2	7.2	8.5	7.1
Methamphetamine	1.5	1.3	1.7	4.7	2.3	NA	3.3	NA	3.0	NA	3.7	NA	3.7	3.3	4.1	2.3	5.9	4.9	7.5	8.0
Heroin	1.4	0.9	1.8	3.4	1.4	3.7	2.4	NA	2.0	NA	2.8	NA	2.2	2.5	1.8	1.8	2.5	2.0	2.9	1.2
Prescription Pain Medicine ¹⁰	11.6	15.8	13.8	16.6	12.8	13.7														
Steroid	NA	NA	1.6	NA	2.9	NA	3.9	NA	3.2	NA	3.2	NA	3.4	2.6	3.7	2.8	3.9	4.1	6.1	3.8
Injection Drug Use	1.1	1.8	1.5	NA	1.3	NA	1.6	NA	1.7	NA	2.3	NA	2.0	2.6	1.4	1.8	2.3	1.4	3.2	0.2
Illicit Drugs at School ¹¹	14.4	13.0	23.7	NA	20.3	NA	21.9	NA	23.2	NA	27.8	NA	23.7	17.6	25.3	18.1	27.5	21.2	29.2	22.0

Footnotes:

- NA Data not available.
- 1 Use of the substance on all 30 days during the 30 days prior to the survey.
- 2 Use of the substance on at least 1 day during the 30 days prior to the survey
- 3 Binge alcohol use in the YRBS is defined as males consuming 5 or more drinks in a row and females consuming 4 or more drinks in a row within a couple of hours on at least one day during the past 30 days.
- 4 Use of cigarettes on 20 or more days during the 30 days prior to the survey.
- 5 Percentages are among the current smokers.
- 6 Does not include electronic vapor products.
- 7 Use of smokeless tobacco products on 20 or more days during the 30 days prior to the survey.
- 8 Used electronic vapor product on 20 or more days during the 30 days prior to the survey.
- 9 Use of the substance at least once in lifetime.
- 10 Prescription pain medicine without a doctor's prescription or differently than how doctor instructed to use it.
- 11 Student was offered, sold, or given an illegal drug on school property.

Values shown are weighted estimates based on sampling. Apparent differences in values may not be statistically significant.

Data Source: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention. High School Youth Risk Behavior Survey.

YOUTH RISK BEHAVIOR SURVEY: U.S. AND MISSOURI STUDENTS IN GRADE 11

Daily Use ¹	2021		2019		2017		2015		2013		2011		2009		2007		2005		2003	
	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO
Cigarettes	0.6	0.7	1.0	1.4	2.2	1.3	1.9	3.4	5.1	4.8	5.6	NA	6.1	5.9	6.9	11.3	8.0	12.8	8.9	13.2
Smokeless Tobacco	0.7	0.8	NA	NA	1.5	2.3														
Electronic Vapor Product	6.0	8.6	8.3	8.6	2.7	2.3	1.8	2.6												

Current Use ²	2021		2019		2017		2015		2013		2011		2009		2007		2005		2003	
	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO
Alcohol	26.0	26.3	32.3	32.7	34.4	37.7	38.0	35.3	39.2	39.5	42.7	NA	45.7	48.4	49.0	46.7	46.0	44.3	47.0	50.9
Binge Drinking ³	13.0	16.2	15.3	18.2	15.4	23.8	22.1	20.2	24.6	29.0	25.2	NA	28.3	32.1	29.9	33.0	27.6	29.0	31.8	32.0
Cigarettes	4.1	6.4	5.9	8.2	9.5	10.3	13.1	10.7	21.1	15.9	19.3	NA	22.3	22.8	21.6	30.6	24.3	24.3	23.6	28.2
Frequent Cigarette use ⁴	0.8	1.7	1.1	1.4	2.8	2.5	3.2	4.3	7.6	5.9	7.7	NA	8.3	7.6	10.1	15.5	10.3	16.0	11.2	18.0
More than 10 Cigarettes per Day	10.9	NA	7.3	NA	5.1	NA	3.4	NA	6.7	NA	8.2	NA	8.1	NA	9.0	8.9	13.1	23.5	13.9	13.8
Smokeless Tobacco ⁶	2.7	3.3	3.9	6.5	5.7	6.3	9.3	10.7	10.5	8.1	8.6	NA	10.7	10.4	7.6	8.4	8.4	9.1	7.8	4.8
Marijuana	18.7	22.2	24.9	17.3	22.6	27.2	24.8	17.5	25.5	21.9	25.5	NA	23.2	27.6	21.4	26.6	21.0	23.2	24.1	23.0
Electronic Vapor Product	19.3	25.3	35.9	30.2	14.1	13.7	25.9	22.7												
Frequent EVP use ⁸	8.5	12.9	12.5	13.2	3.7	2.8	3.0	3.1												

Use Before Age 13	2021		2019		2017		2015		2013		2011		2009		2007		2005		2003	
	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO
Alcohol	14.0	16.0	13.3	15.8	14.9	21.6	15.2	14.7	17.2	16.1	17.6	NA	17.9	18.2	19.6	17.8	20.5	23.8	23.0	20.3
Cigarettes	5.6	NA	6.8	8.2	9.5	8.1	5.6	6.7	10.9	8.6	9.8	NA	10.3	8.3	12.0	14.3	14.4	16.6	16.0	17.4
Marijuana	5.0	5.4	6.0	NA	6.6	NA	6.7	NA	8.6	NA	7.6	NA	6.5	7.1	7.2	8.9	7.1	9.5	8.1	7.1

Ever Used ⁹	2021		2019		2017		2015		2013		2011		2009		2007		2005		2003	
	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO
Alcohol	NA	NA	NA	NA	66.4	NA	70.3	NA	71.2	NA	75.3	NA	77.8	76.8	79.4	77.7	76.3	75.7	78.6	81.0
Cigarettes	18.3	NA	25.4	NA	33.1	32.4	37.5	36.5	47.0	41.2	47.1	NA	50.0	52.9	53.4	57.4	57.5	53.4	60.0	66.6
Marijuana	33.1	NA	41.1	37.6	41.4	NA	45.2	NA	46.4	NA	45.5	NA	42.0	42.6	42.4	47.0	42.3	41.0	44.5	43.9
Synthetic Marijuana	6.7	NA	8.5	NA	6.8	NA	10.0	NA												
Electronic Vapor Product	39.7	47.4	53.0	59.0	48.0	47.4	49.5	40.8												
Inhalant	8.0	NA	7.0	NA	6.4	NA	5.9	NA	9.9	NA	11.1	NA	11.5	9.3	12.5	10.4	11.4	10.8	11.0	10.5
Hallucinogen	7.6	NA	8.2	NA	8.0	NA	6.7	NA	8.7	NA	9.4	NA	8.9	NA	8.1	NA	9.5	NA	12.7	NA
Ecstasy	3.0	5.4	3.6	NA	4.4	NA	5.7	NA	8.5	NA	9.2	NA	8.7	7.5	5.6	8.2	6.5	7.3	11.4	7.2
Cocaine	2.4	5.0	4.0	5.2	5.4	NA	5.0	NA	6.8	NA	7.5	NA	7.7	6.8	7.7	8.2	8.7	8.8	9.0	7.1
Methamphetamine	1.9	1.8	2.5	5.2	2.4	NA	2.8	NA	3.9	NA	4.1	NA	5.2	4.9	5.4	4.6	6.7	8.4	8.0	6.6
Heroin	1.3	1.5	1.8	2.9	1.6	2.6	1.9	NA	2.4	NA	2.8	NA	3.2	3.6	1.8	2.5	1.8	3.0	3.0	0.9
Prescription Pain Medicine ¹⁰	12.0	16.6	15.9	24.5	15.4	16.5														
Steroid	NA	NA	2.2	NA	2.8	NA	2.7	NA	3.1	NA	3.7	NA	3.4	3.7	3.1	2.5	3.7	3.6	5.6	3.1
Injection Drug Use	1.3	3.2	1.4	NA	1.1	NA	1.6	NA	1.6	NA	2.4	NA	2.5	2.0	1.9	2.3	1.7	2.9	2.8	0.9
Illicit Drugs at School ¹¹	15.7	15.6	22.0	NA	20.0	NA	22.7	NA	23.2	NA	27.0	NA	24.3	17.9	22.8	21.3	24.9	18.4	29.9	19.6

Footnotes:

NA Data not available.

- 1 Use of the substance on all 30 days during the 30 days prior to the survey.
- 2 Use of the substance on at least 1 day during the 30 days prior to the survey
- 3 Binge alcohol use in the YRBS is defined as males consuming 5 or more drinks in a row and females consuming 4 or more drinks in a row within a couple of hours on at least one day during the past 30 days.
- 4 Use of cigarettes on 20 or more days during the 30 days prior to the survey.
- 5 Percentages are among the current smokers.
- 6 Does not include electronic vapor products.
- 7 Use of smokeless tobacco products on 20 or more days during the 30 days prior to the survey.
- 8 Used electronic vapor product on 20 or more days during the 30 days prior to the survey.
- 9 Use of the substance at least once in lifetime.
- 10 Prescription pain medicine without a doctor's prescription or differently than how doctor instructed to use it.
- 11 Student was offered, sold, or given an illegal drug on school property.

Values shown are weighted estimates based on sampling. Apparent differences in values may not be statistically significant.

Data Source: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention. High School Youth Risk Behavior Survey.

YOUTH RISK BEHAVIOR SURVEY: U.S. AND MISSOURI STUDENTS IN GRADE 12

Daily Use ¹	2021		2019		2017		2015		2013		2011		2009		2007		2005		2003	
	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO
Cigarettes	0.9	1.5	1.7	1.8	3.5	5.2	3.4	5.8	6.1	6.8	8.2	NA	8.4	9.1	9.9	10.2	10.1	10.5	10.0	8.5
Smokeless Tobacco	0.7	2.2	NA	NA	2.6	2.2														
Electronic Vapor Product	8.4	10.4	12.0	9.8	4.0	3.6	2.2	1.2												

Current Use ²	2021		2019		2017		2015		2013		2011		2009		2007		2005		2003	
	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO
Alcohol	32.2	36.8	39.9	37.7	40.8	41.9	42.4	48.6	46.8	39.6	48.4	NA	51.7	45.8	54.9	48.6	50.8	48.8	55.9	57.3
Binge Drinking ³	17.4	21.8	22.4	19.6	20.9	22.6	24.6	32.6	29.2	25.4	31.5	NA	33.5	32.7	36.5	35.3	32.8	32.4	37.2	38.9
Cigarettes	5.2	7.5	9.0	7.5	13.4	15.4	14.1	16.8	19.2	22.9	25.1	NA	25.2	26.7	26.5	25.4	27.6	26.5	26.2	21.4
Frequent Cigarette use ⁴	1.0	2.1	2.1	2.6	4.7	6.4	5.1	8.7	8.4	9.8	10.8	NA	11.2	11.2	12.2	12.5	13.2	13.2	13.1	10.9
More than 10 Cigarettes per Day	9.5	NA	7.1	NA	11.6	NA	9.1	NA	10.0	NA	8.7	NA	8.5	NA	13.6	NA	13.2	NA	17.9	NA
Smokeless Tobacco ⁶	2.8	6.3	5.5	7.4	7.2	9.1	7.5	11.4	9.4	12.8	8.8	NA	10.0	10.5	8.9	10.5	8.4	7.0	7.1	4.1
Marijuana	22.4	17.5	28.3	20.5	25.7	25.7	27.6	22.1	27.7	26.4	28.0	NA	24.6	25.0	25.1	21.2	22.8	15.5	25.8	25.4
Electronic Vapor Product	24.0	24.6	40.4	22.6	18.3	14.0	28.2	30.1												
Frequent EVP use ⁸	12.1	15.7	16.8	13.5	5.0	3.9	3.2	4.0												

Use Before Age 13	2021		2019		2017		2015		2013		2011		2009		2007		2005		2003	
	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO
Alcohol	10.8	10.6	11.9	15.4	12.7	15.5	13.5	13.0	14.7	14.5	15.1	NA	14.2	15.3	18.0	11.8	19.3	14.4	20.3	14.0
Cigarettes	5.0	NA	7.8	10.2	9.5	6.3	5.2	7.0	7.3	7.4	8.2	NA	8.6	9.7	13.3	10.1	13.9	12.3	16.5	11.3
Marijuana	4.9	3.0	4.4	NA	6.5	NA	6.1	NA	6.2	NA	7.0	NA	5.2	6.7	6.6	5.5	6.2	5.2	7.8	6.4

Ever Used ⁹	2021		2019		2017		2015		2013		2011		2009		2007		2005		2003	
	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO	U.S.	MO
Alcohol	NA	NA	NA	NA	71.7	NA	73.3	NA	75.6	NA	79.0	NA	79.7	77.5	82.8	75.9	81.7	79.2	83.0	81.9
Cigarettes	22.7	NA	32.0	NA	37.1	33.2	38.3	45.6	48.1	50.2	54.5	NA	55.5	57.9	59.3	53.7	60.3	54.3	65.4	66.9
Marijuana	39.3	NA	48.7	39.1	45.8	NA	49.8	NA	48.6	NA	48.9	NA	45.6	46.9	49.1	41.6	47.6	45.0	48.5	48.3
Synthetic Marijuana	7.6	NA	8.2	NA	7.6	NA	11.0	NA												
Electronic Vapor Product	45.6	47.6	60.1	51.4	48.6	50.1	50.9	57.5												
Inhalant	6.8	NA	5.1	NA	4.9	NA	6.0	NA	7.6	NA	9.3	NA	9.1	9.1	10.2	10.1	10.1	11.3	11.8	6.2
Hallucinogen	10.5	NA	10.5	NA	9.2	NA	8.0	NA	8.8	NA	11.5	NA	10.0	NA	10.4	NA	8.6	NA	11.4	NA
Ecstasy	4.1	1.9	5.0	NA	6.0	NA	6.1	NA	8.6	NA	11.3	NA	8.0	8.4	7.6	8.2	6.7	8.5	12.8	9.7
Cocaine	3.4	0.0	6.0	7.5	7.0	NA	7.2	NA	7.1	NA	8.5	NA	7.9	6.8	9.5	9.4	8.9	11.1	10.5	7.0
Methamphetamine	1.9	0.0	2.6	6.4	3.2	NA	3.8	NA	3.3	NA	4.1	NA	4.1	4.3	4.5	4.7	6.4	9.7	8.0	5.0
Heroin	1.4	0.0	1.7	2.5	2.2	7.1	1.9	NA	2.1	NA	2.7	NA	2.5	4.2	2.6	2.1	2.0	3.2	2.9	1.0
Prescription Pain Medicine ¹⁰	11.6	15.0	13.9	29.8	17.0	16.9														
Steroid	NA	NA	1.7	NA	3.0	NA	3.3	NA	3.1	NA	2.8	NA	3.1	3.7	3.8	2.8	3.3	3.8	4.9	3.5
Injection Drug Use	2.0	0.0	1.7	NA	1.9	NA	2.1	NA	1.9	NA	2.2	NA	1.8	3.6	2.4	1.7	1.7	2.7	3.0	0.5
Illicit Drugs at School ¹¹	14.0	9.2	19.6	NA	19.6	NA	20.3	NA	18.8	NA	23.8	NA	20.6	16.0	19.6	14.8	24.9	15.7	24.9	21.3

Footnotes:

NA Data not available.

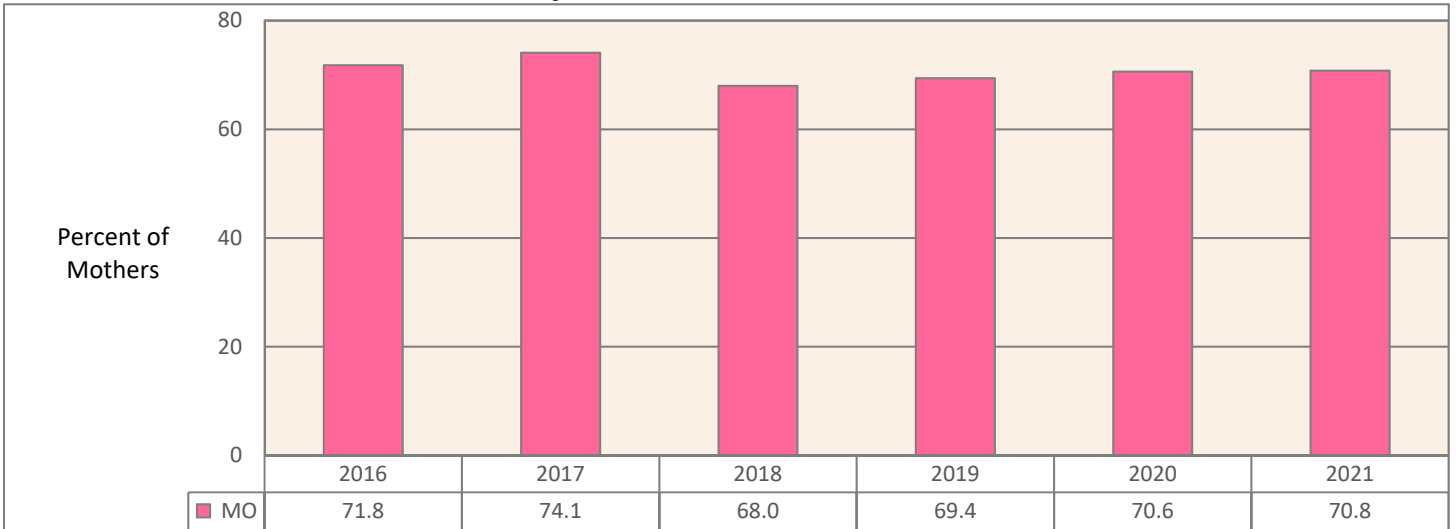
- Use of the substance on all 30 days during the 30 days prior to the survey.
- Use of the substance on at least 1 day during the 30 days prior to the survey
- Binge alcohol use in the YRBS is defined as males consuming 5 or more drinks in a row and females consuming 4 or more drinks in a row within a couple of hours on at least one day during the past 30 days.
- Use of cigarettes on 20 or more days during the 30 days prior to the survey.
- Percentages are among the current smokers.
- Does not include electronic vapor products.
- Use of smokeless tobacco products on 20 or more days during the 30 days prior to the survey.
- Used electronic vapor product on 20 or more days during the 30 days prior to the survey.
- Use of the substance at least once in lifetime.
- Prescription pain medicine without a doctor's prescription or differently than how doctor instructed to use it.
- Student was offered, sold, or given an illegal drug on school property.

Values shown are weighted estimates based on sampling. Apparent differences in values may not be statistically significant.

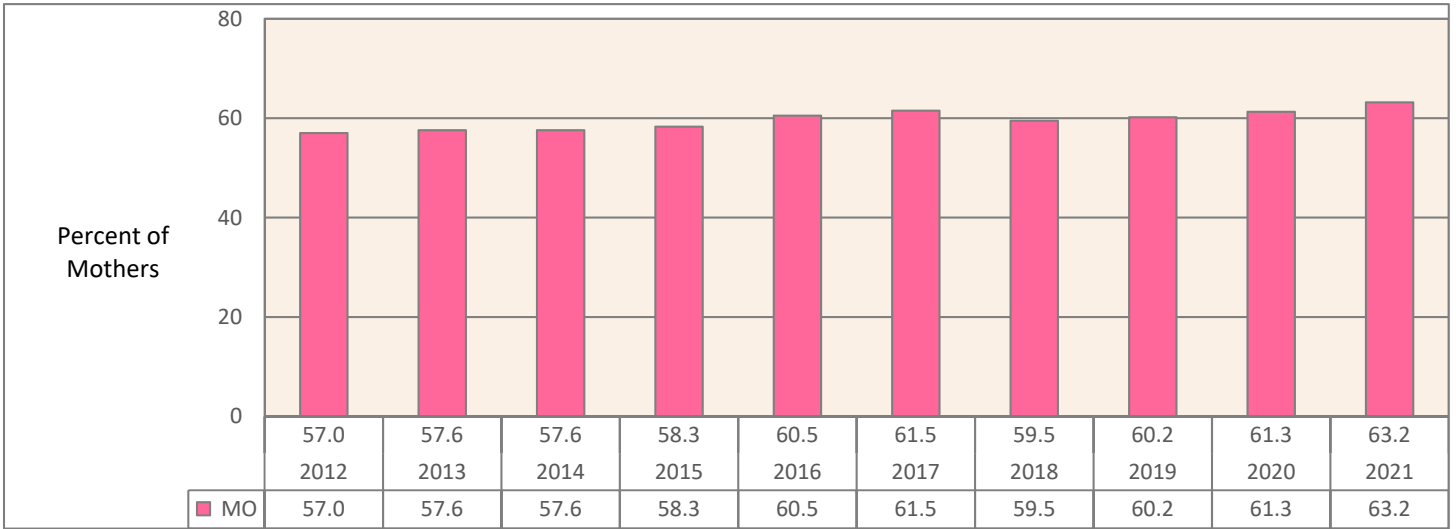
Data Source: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention. High School Youth Risk Behavior Survey.

ALCOHOL USE DURING PREGNANCY

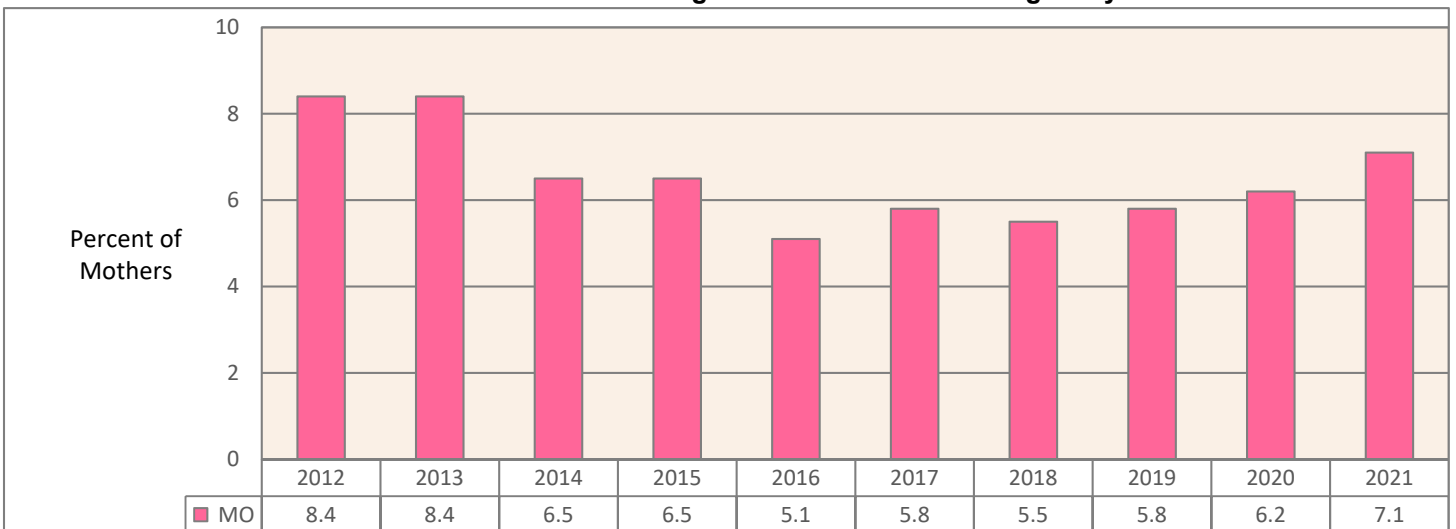
Mothers of Missouri Newborns Who Drank Any Alcohol in the Last Two Years



Mothers of Missouri Newborns Who Drank Any Alcohol During the 3 Months Before Pregnancy



Mothers of Missouri Newborns Who Drank Alcohol During the Last 3 Months of Pregnancy

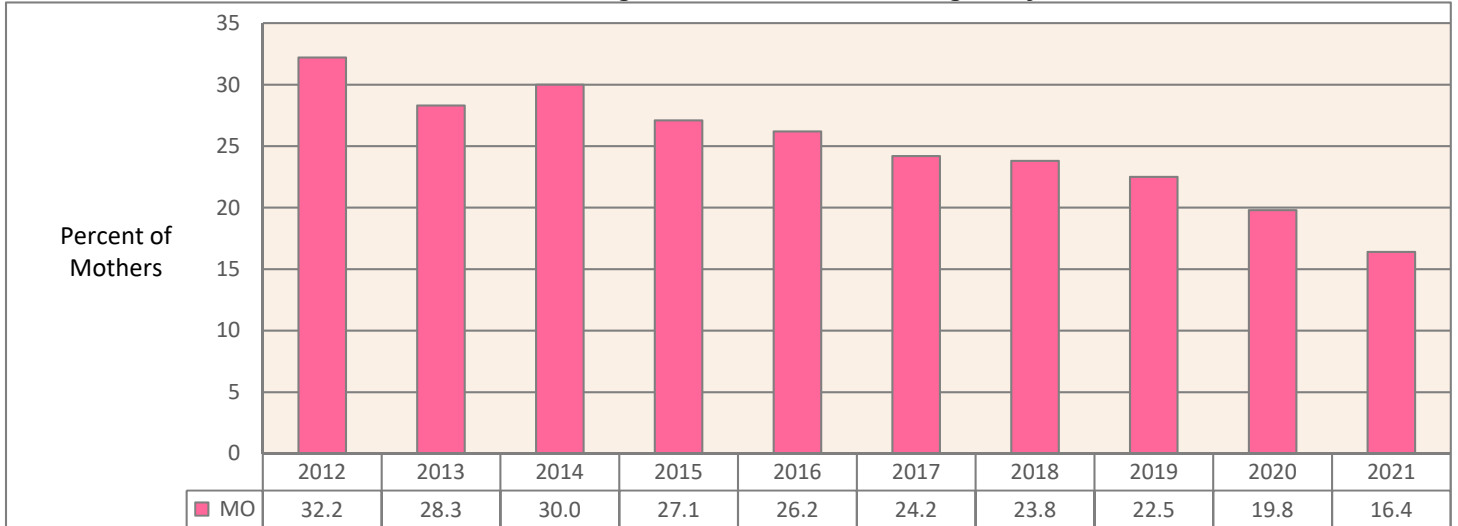


Data Sources: Missouri Department of Health and Senior Services, Bureau of Epidemiology and Vital Statistics.

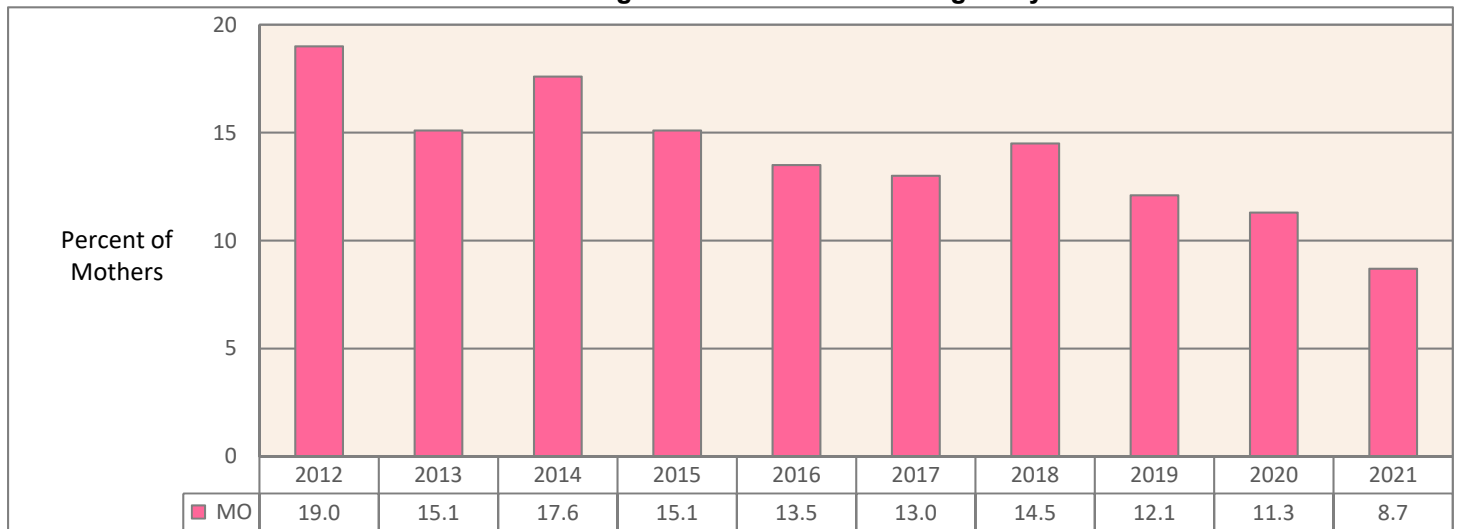
U.S. Department of Health and Human Services, Centers for Disease Control and Prevention: Pregnancy Risk Assessment Monitoring System.

TOBACCO SMOKING DURING PREGNANCY

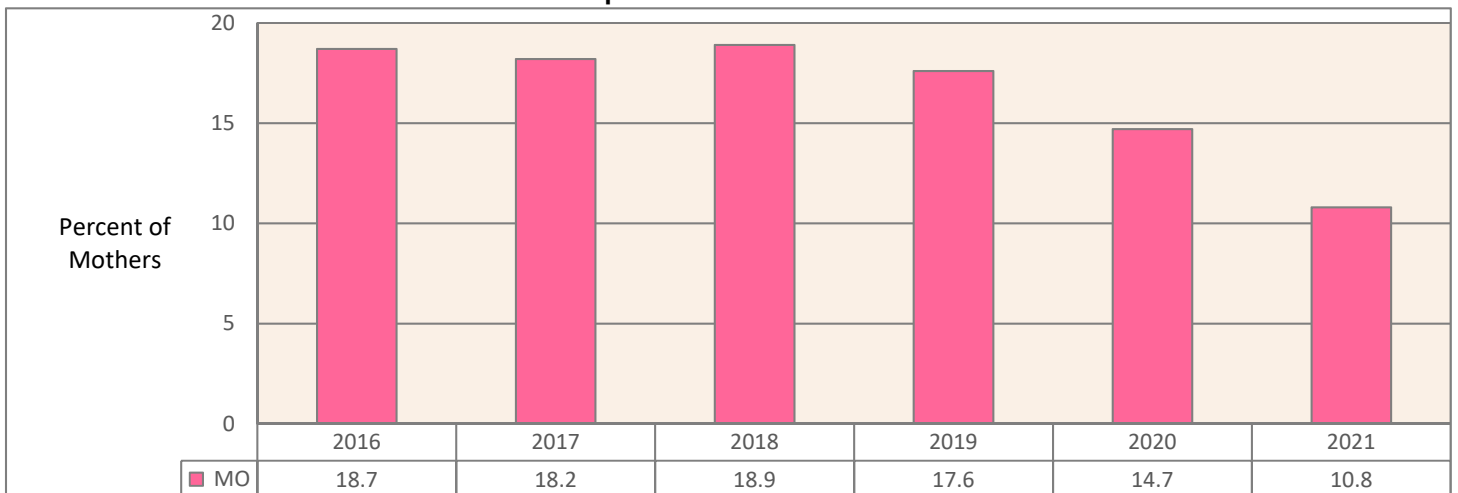
Mothers of Missouri Newborns Who Smoked During the 3 Months Before Pregnancy



Mothers of Missouri Newborns Who Smoked During the Last 3 Months of Pregnancy



Mothers of Missouri Newborns Who Smoked Postpartum

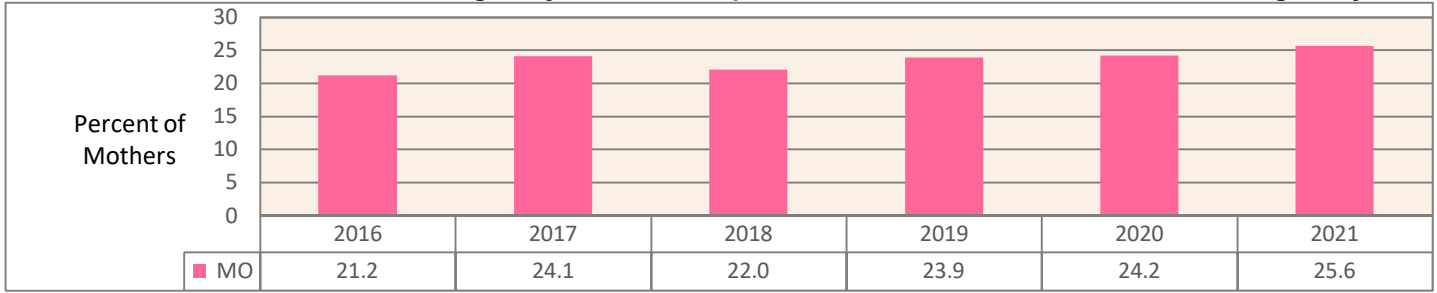


Data Sources: Missouri Department of Health and Senior Services, Bureau of Epidemiology and Vital Statistics.

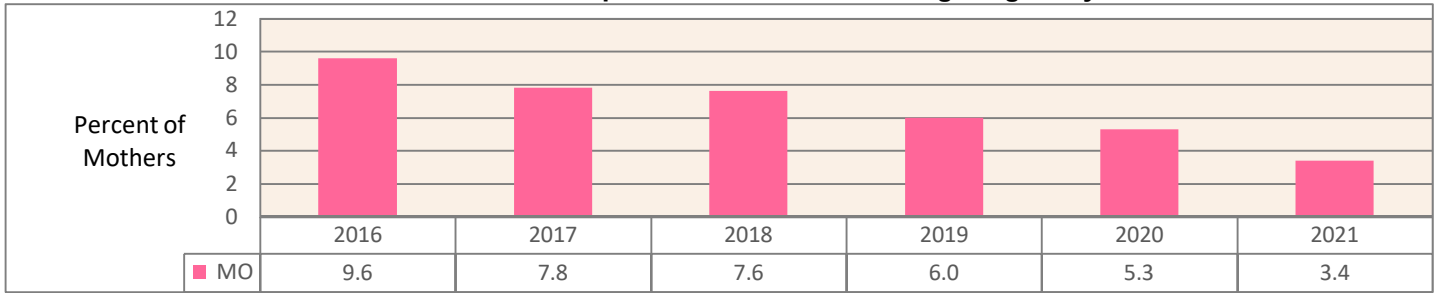
U.S. Department of Health and Human Services, Centers for Disease Control and Prevention: Pregnancy Risk Assessment Monitoring System.

SUBSTANCE USE DURING PREGNANCY

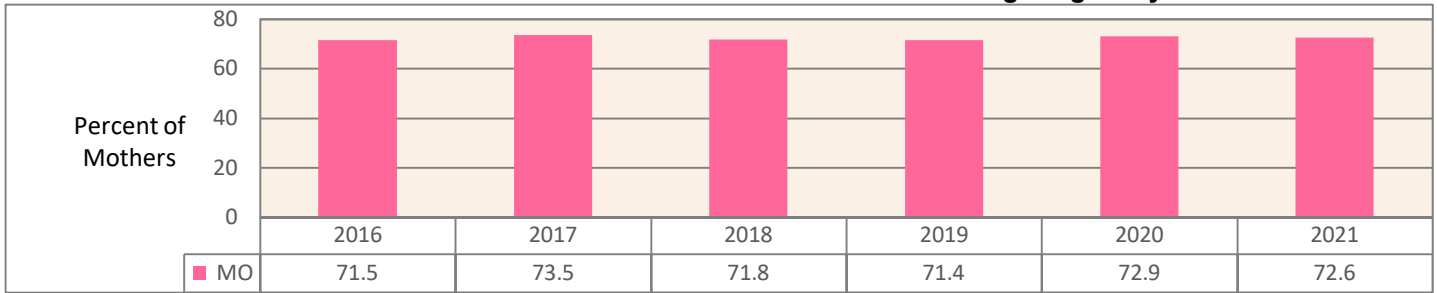
Mothers of Missouri Newborns Who Regularly Used Prescription Pain Relievers 12 Months Before Pregnancy



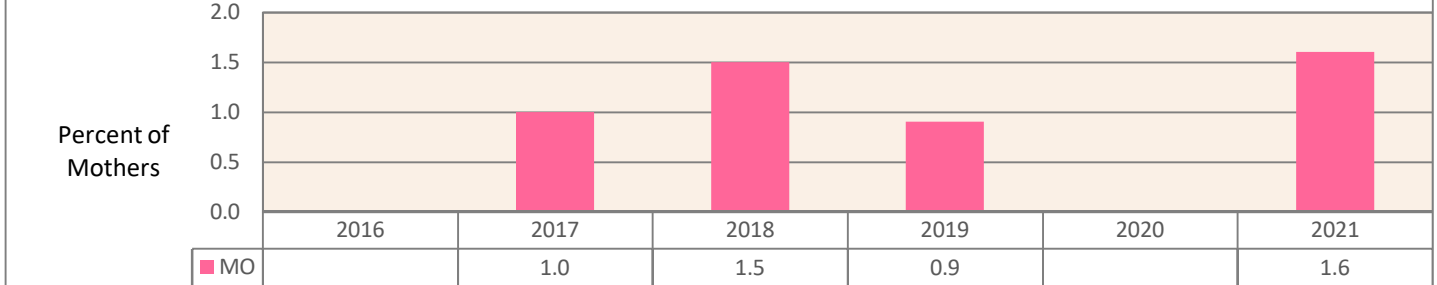
Mothers of Missouri Newborns Who Used Prescription Pain Relievers During Pregnancy



Mothers of Missouri Newborns Who Used Over-the-Counter Pain Relievers During Pregnancy

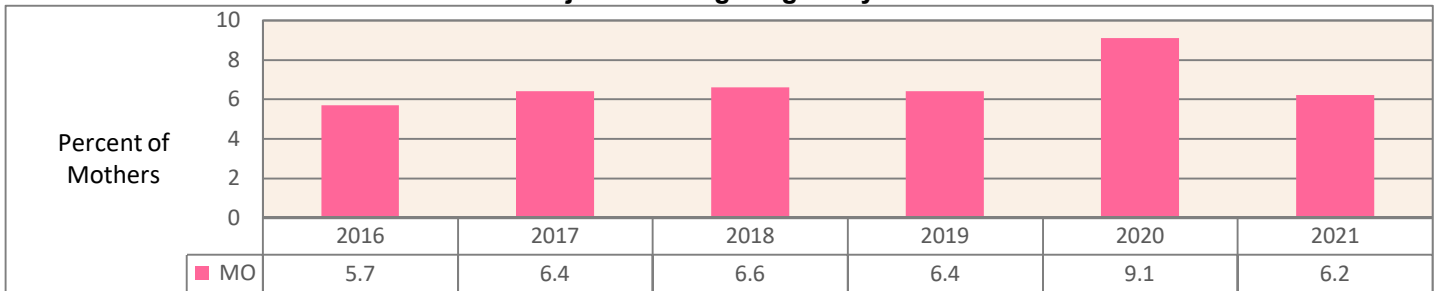


Mothers of Missouri Newborns Who Used Amphetamines During Pregnancy



Blank cells in data table indicate data are suppressed due to low number of respondents.

Mothers of Missouri Newborns Who Used Marijuana During Pregnancy

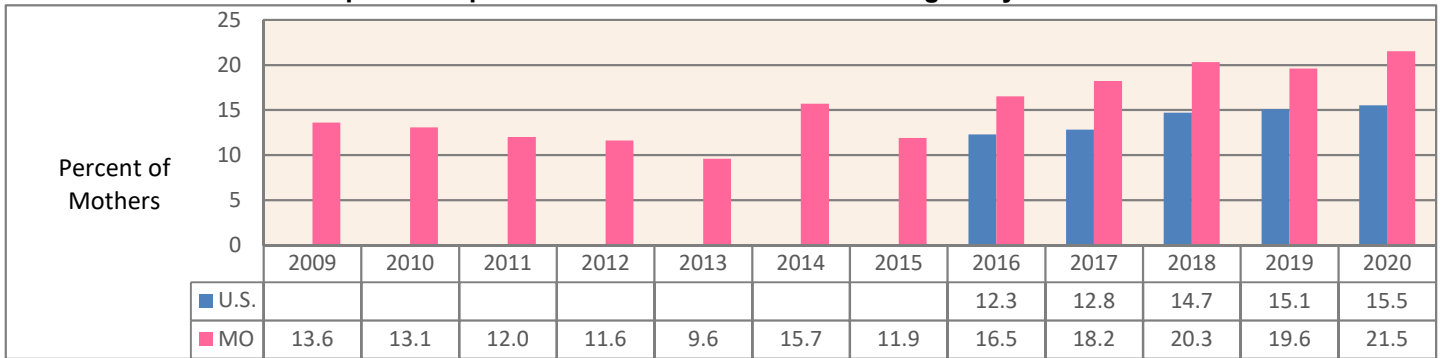


Data Sources: Missouri Department of Health and Senior Services, Bureau of Epidemiology and Vital Statistics.

U.S. Department of Health and Human Services, Centers for Disease Control and Prevention: Pregnancy Risk Assessment Monitoring System.

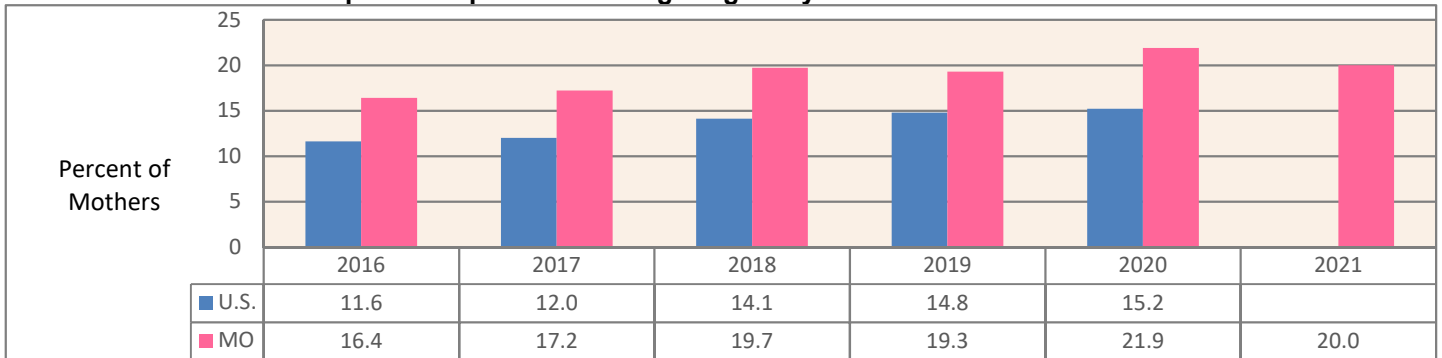
DEPRESSION IN MOTHERS OF NEWBORNS

Mothers of Newborns who Reported Depression in the 3 Months Before Pregnancy*

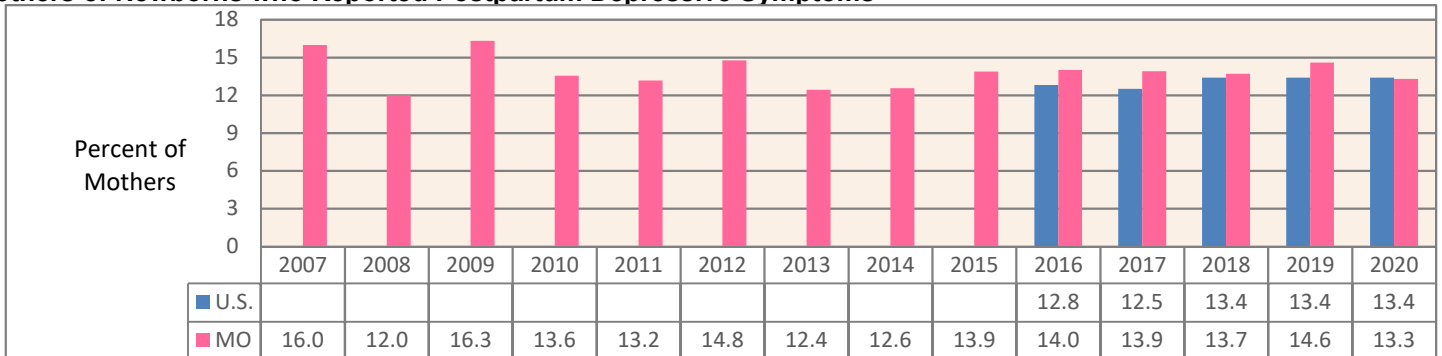


* The 2012-2015 surveys asked the mothers if they had depression before pregnancy, but did not specify the 3-month time interval.

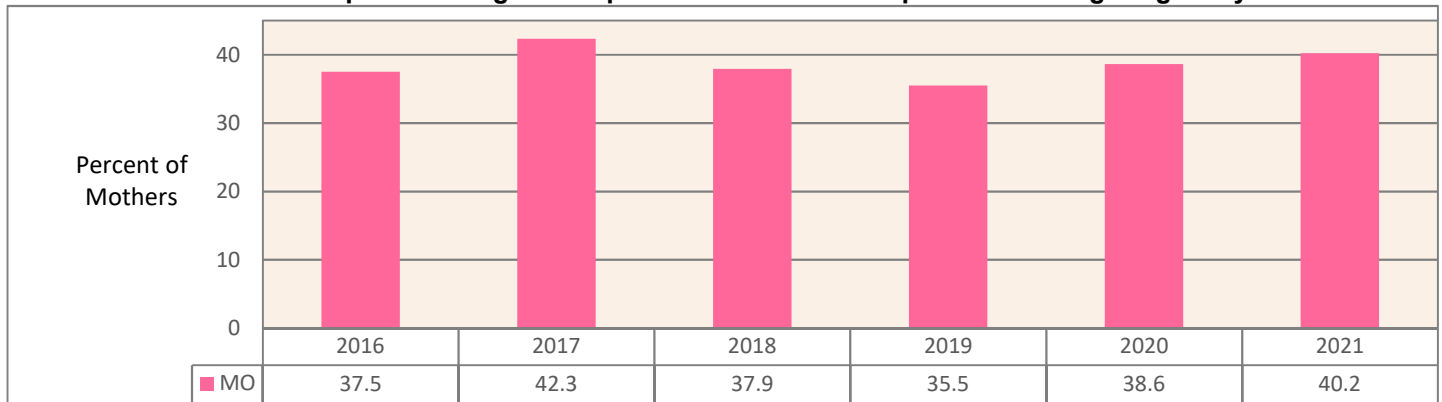
Mothers of Newborns who Reported Depression During Pregnancy



Mothers of Newborns who Reported Postpartum Depressive Symptoms



Mothers of Newborns who Reported Using Prescription Medication for Depression During Pregnancy

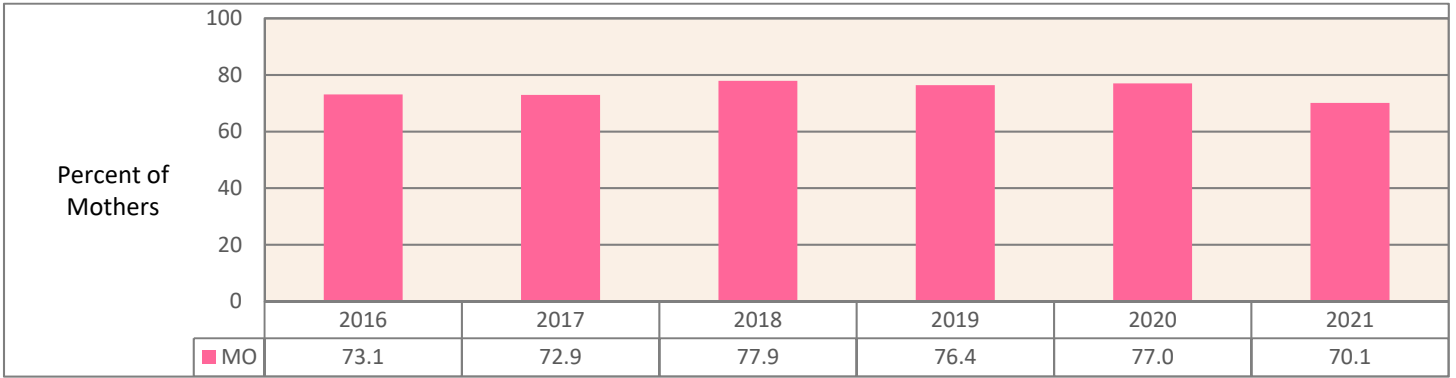


Data Sources: Missouri Department of Health and Senior Services, Bureau of Epidemiology and Vital Statistics.

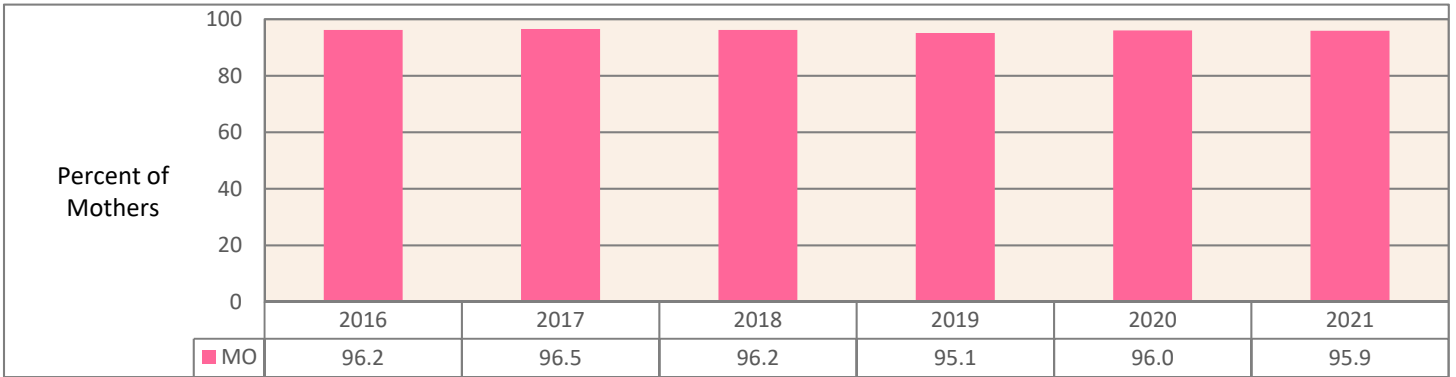
U.S. Department of Health and Human Services, Centers for Disease Control and Prevention: Pregnancy Risk Assessment Monitoring System.

HEALTHCARE SUBSTANCE SCREENING BEFORE AND DURING PREGNANCY

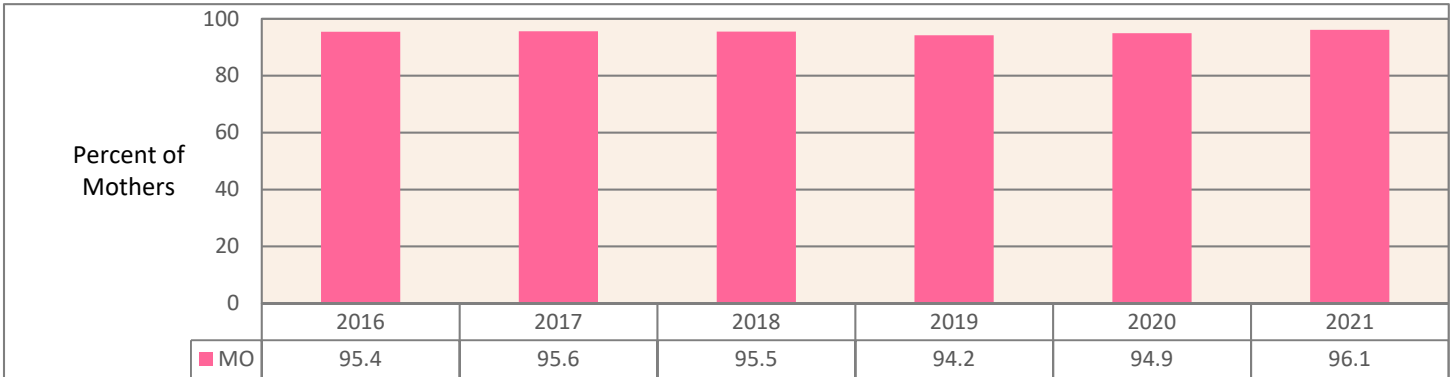
12 Months Before Becoming Pregnant, Mothers of Newborns Were Asked by Healthcare Professionals If They Smoked Cigarettes



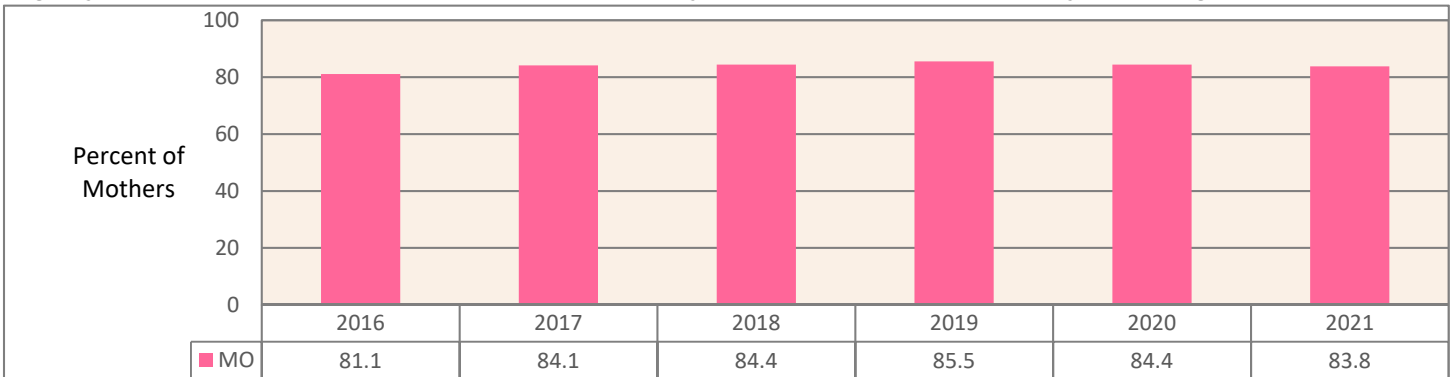
During Any Prenatal Care Visits, Mothers of Newborns Were Asked by Healthcare Professionals if They Smoked Cigarettes



During Any Prenatal Care Visits, Mothers of Newborns Were Asked by Healthcare Professionals if They Drank Alcohol



During Any Prenatal Care Visits, Mothers of Newborns Asked by Healthcare Professionals if They Used Drugs*



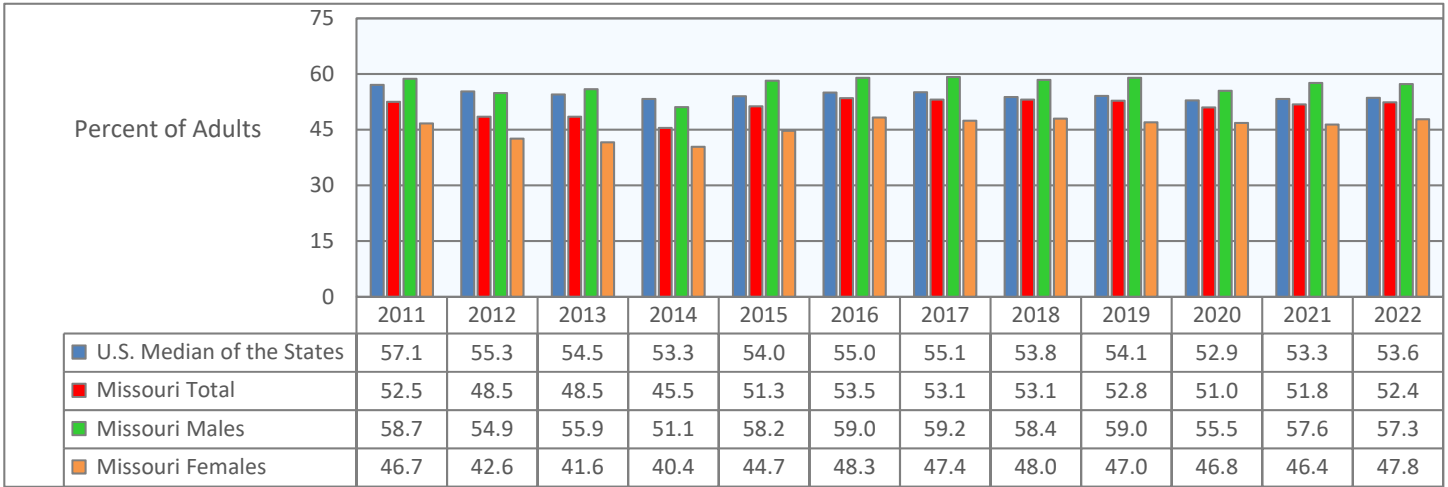
* Drugs named in survey question were marijuana, cocaine, crack, and meth.

Data Sources: Missouri Department of Health and Senior Services, Bureau of Epidemiology and Vital Statistics.

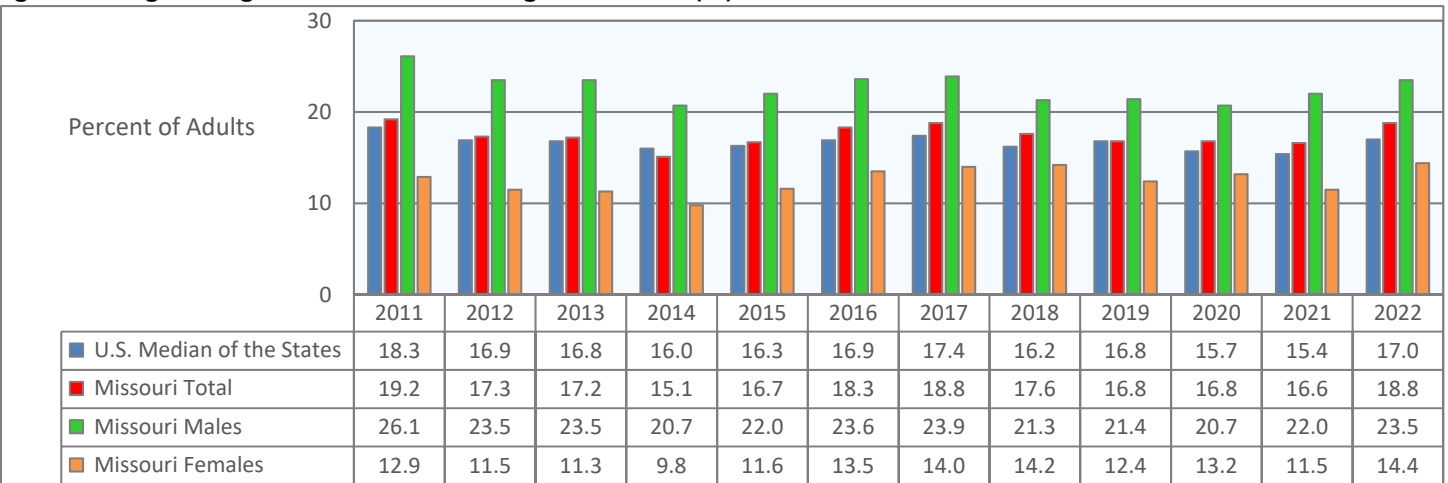
U.S. Department of Health and Human Services, Centers for Disease Control and Prevention: Pregnancy Risk Assessment Monitoring System.

BEHAVIORAL RISK FACTOR SURVEY: ALCOHOL USE

Alcohol Use in the Past 30 Days among Adults 18 Years of Age and Older (%)

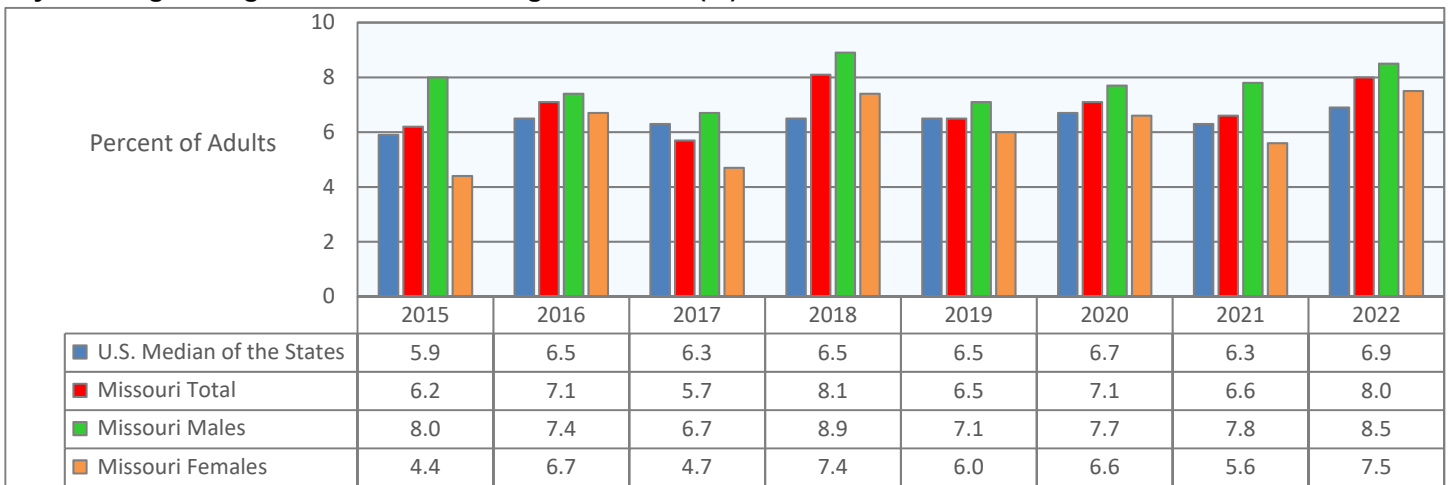


Binge Drinking among Adults 18 Years of Age and Older (%)



Binge drinking is defined in the BRFSS as males having 5 or more drinks on one occasion and females having 4 or more drinks on one occasion.

Heavy Drinking among Adults 18 Years of Age and Older (%)



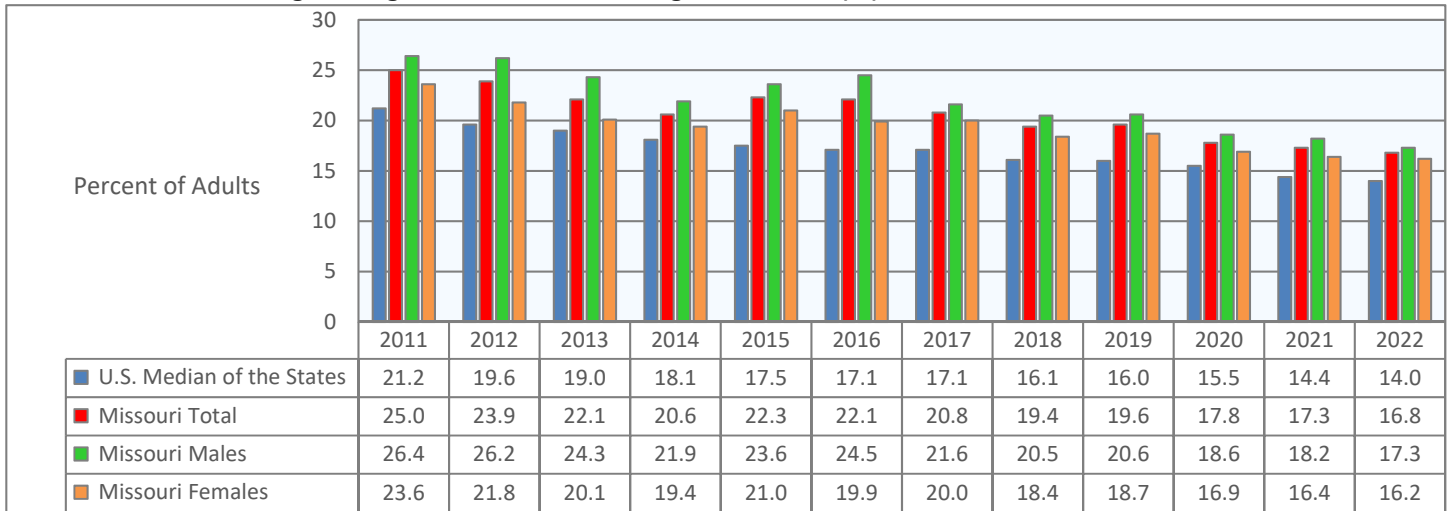
Heavy drinking in the BRFSS is defined as adult males having more than 14 drinks per week and adult females having more than 7 drinks per week.

Data Source: Behavioral Risk Factor Survey, Behavioral Risk Factor Surveillance System (BRFSS), Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion, Division of Population Health.

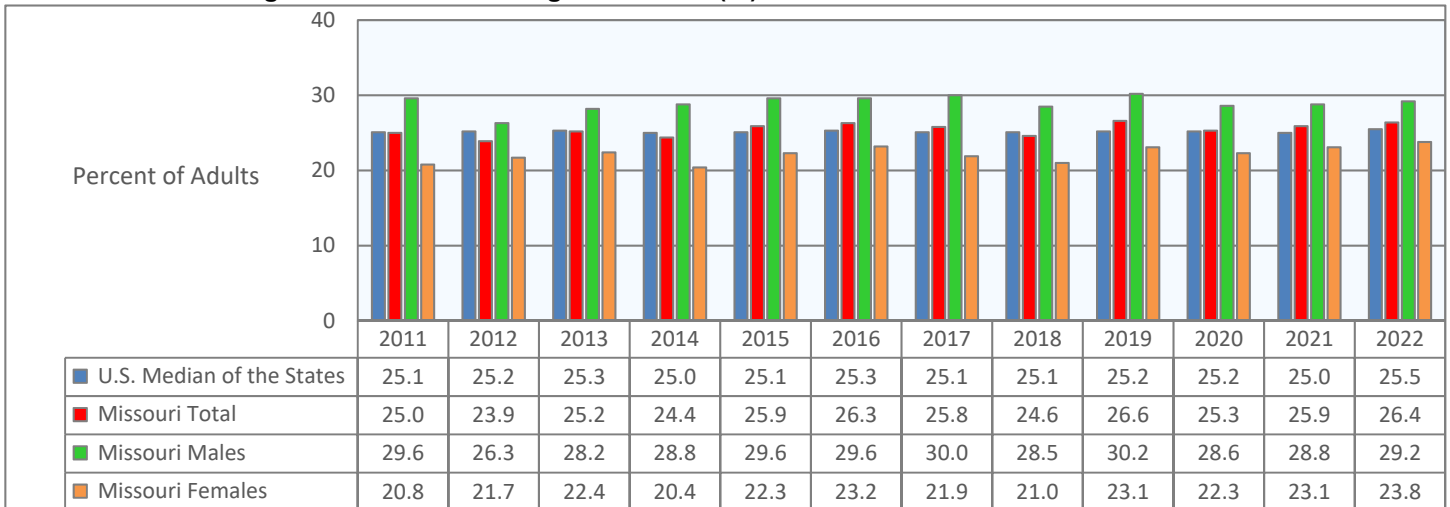
Apparent differences in rate estimates for Missouri year-to-year comparisons and Missouri/U.S. comparisons might not be statistically significant.

BEHAVIORAL RISK FACTOR SURVEY: PREVALENCE OF TOBACCO SMOKING

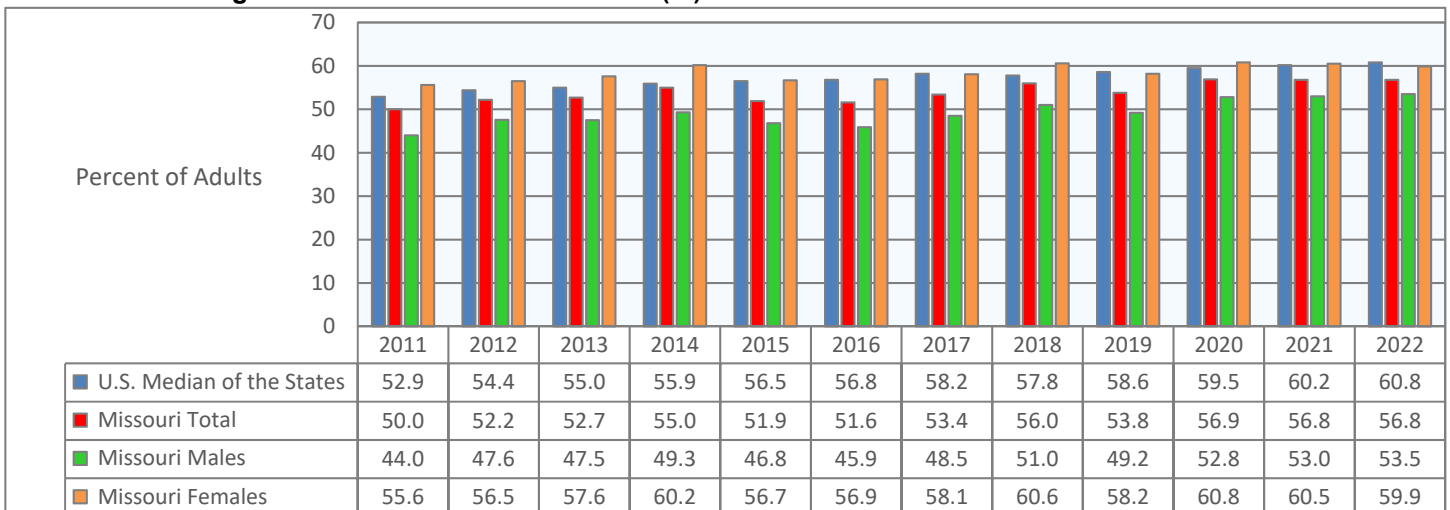
Current Tobacco Smoking among Adults 18 Years of Age and Older (%)



Former Smokers among Adults 18 Years of Age and Older (%)



Adults 18 Years of Age and Older Who Never Smoked (%)

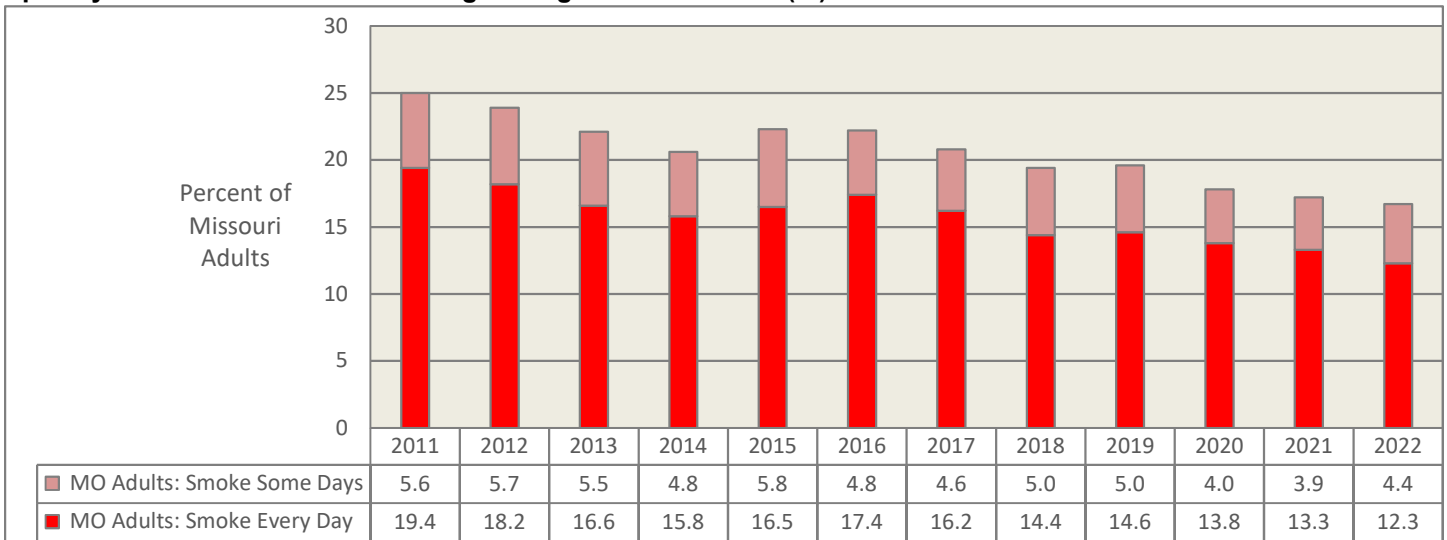


Data Source: Behavioral Risk Factor Survey, Behavioral Risk Factor Surveillance System (BRFSS), Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion, Division of Population Health.

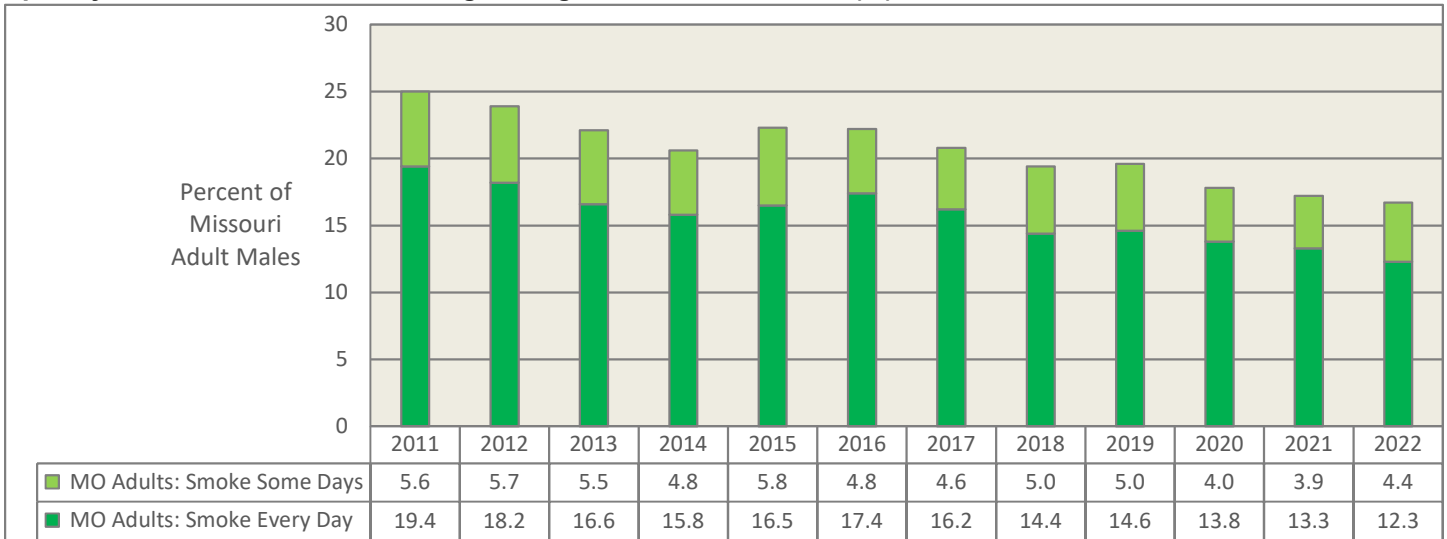
Apparent differences in rate estimates for Missouri year-to-year comparisons and Missouri/U.S. comparisons might not be statistically significant.

BEHAVIORAL RISK FACTOR SURVEY: FREQUENCY OF TOBACCO SMOKING

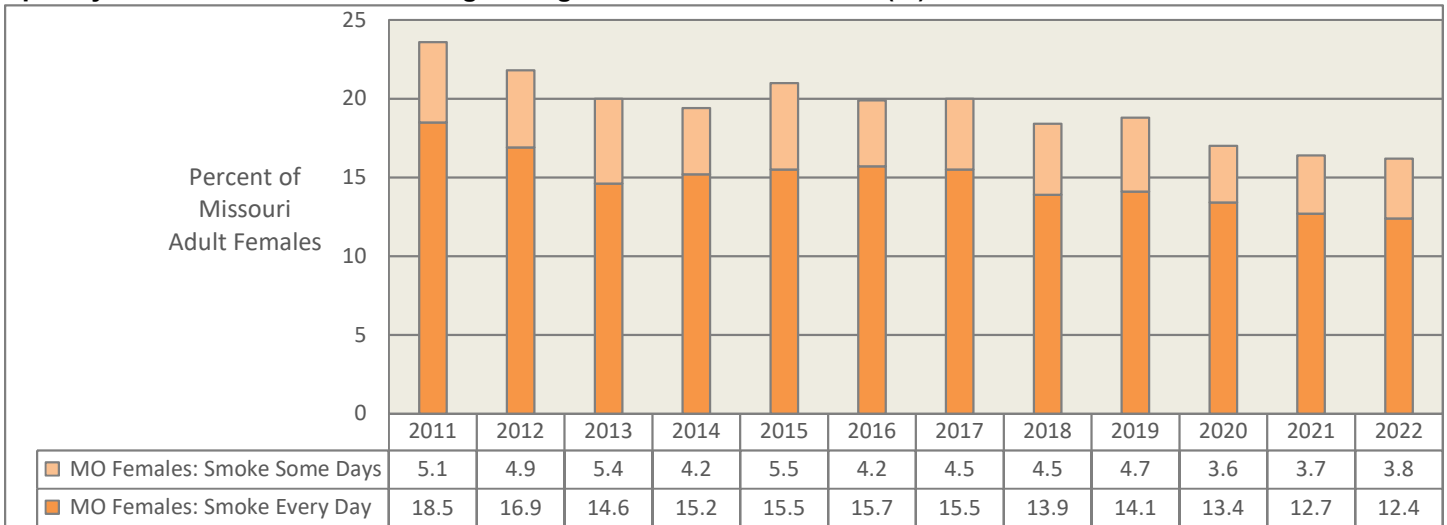
Frequency of Current Tobacco Smoking among Missouri Adults (%)



Frequency of Current Tobacco Smoking among Missouri Adult Males (%)



Frequency of Current Tobacco Smoking among Missouri Adult Females (%)

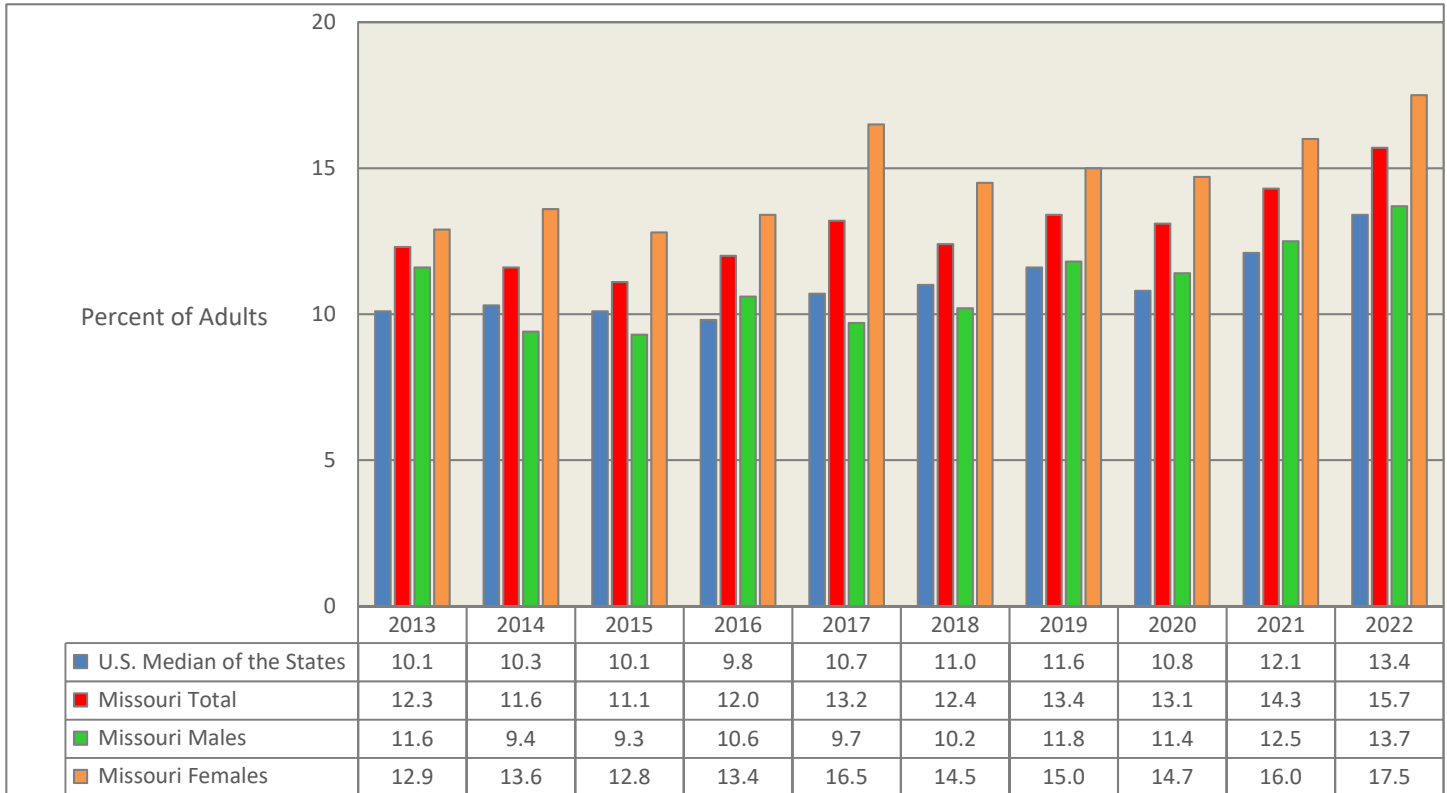


Data Source: Behavioral Risk Factor Survey, Behavioral Risk Factor Surveillance System (BRFSS), Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion, Division of Population Health

Apparent differences in rate estimates for Missouri year-to-year comparisons and Missouri/U.S. comparisons might not be statistically significant.

BEHAVIORAL RISK FACTOR SURVEY: MENTAL HEALTH ISSUES

Serious Difficulty Concentrating, Remembering, or Making Decisions among Adults 18 Years of Age and Older (%)



Lifetime Depressive Disorder among Adults 18 Years of Age and Older (%)



Data Source: Behavioral Risk Factor Survey, Behavioral Risk Factor Surveillance System (BRFSS), Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion, Division of Population Health.

Apparent differences in rate estimates for Missouri year-to-year comparisons and Missouri/U.S. comparisons might not be statistically significant.

MONITORING THE FUTURE SURVEY: U.S. STUDENTS IN GRADE 8

Daily Use in Past 30 Days (%)	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007
Alcohol	0.1	0.3	0.4	0.2	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.4	0.5	0.5	0.7	0.6
Been Drunk Daily	0.0	0.1	0.2	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2
Cigarettes	0.3	0.4	0.8	0.8	0.8	0.6	0.9	1.3	1.4	1.8	1.9	2.4	2.9	2.7	3.1	3.0
Smokeless Tobacco	0.3	0.4	0.5	0.5	0.3	0.4	0.6	0.8	0.5	0.5	0.5	0.8	0.9	0.8	0.8	0.8
Marijuana/Hashish	0.7	0.6	1.1	1.3	0.7	0.8	0.7	1.1	1.0	1.1	1.1	1.3	1.2	1.0	0.9	0.8
Past 30-Day Use (%)	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007
Alcohol	6.0	7.3	9.9	7.9	8.2	8.0	7.3	9.7	9.0	10.2	11.0	12.7	13.8	14.9	15.9	15.9
Been Drunk (past 30 days)	1.5	2.0	3.4	2.6	2.1	2.2	1.8	3.1	2.7	3.5	3.6	4.4	5.0	5.4	5.4	5.5
Binge Alcohol Use (past 2 weeks)*	2.2	2.8	4.5	3.8	3.7	3.7	3.4	4.6	4.1	5.1	5.1	6.4	7.2	7.8	8.1	8.3
Cigarettes	0.8	1.1	2.2	2.3	2.2	1.9	2.6	3.6	4.0	4.5	4.9	6.1	7.1	6.5	6.8	7.1
Smokeless Tobacco	1.2	1.6	2.3	2.5	2.1	1.7	2.5	3.2	3.0	2.8	2.8	3.5	4.1	3.7	3.5	3.2
Any Illicit Drug	6.5	5.9	8.7	8.5	7.3	7.0	6.9	8.1	8.3	8.7	† 7.7	8.5	9.5	8.1	7.6	7.4
Any Illicit Drug other than Marijuana	2.5	2.4	3.5	3.4	3.0	2.7	2.7	3.1	3.3	3.6	† 2.6	3.4	3.5	3.5	3.8	3.6
Marijuana/Hashish	5.0	4.1	6.5	6.6	5.6	5.5	5.4	6.5	6.5	7.0	6.5	7.2	8.0	6.5	5.8	5.7
Vaping any substance	8.9	8.9	12.5	12.2	10.4	6.6	† 6.2	8.0								
Vaping Nicotine	7.1	7.6	10.5	9.6	6.1	3.5										
Vaping Marijuana	4.2	2.9	4.2	3.9	2.6	1.6										
Inhalants	1.9	1.8	2.9	2.1	1.8	2.1	1.8	2.0	2.2	2.3	2.7	3.2	3.6	3.8	4.1	3.9
Hallucinogens	0.5	0.4	0.9	0.6	0.6	0.5	0.6	0.6	0.5	0.8	0.6	1.0	1.0	0.9	0.9	1.0
LSD	0.2	0.2	0.6	0.4	0.4	0.3	0.4	0.4	0.3	0.5	0.3	0.5	0.6	0.5	0.5	0.5
MDMA "Ecstasy"	0.2	0.2	0.3	0.5	0.4	0.4	0.3	0.5	† 0.7	0.5	0.5	0.6	1.1	0.6	0.8	0.6
Cocaine (all forms)	0.3	0.1	0.1	0.3	0.3	0.4	0.3	0.5	0.5	0.5	0.5	0.8	0.6	0.8	0.8	0.9
Crack Cocaine	0.3	0.1	0.1	0.2	0.2	0.3	0.2	0.3	0.3	0.3	0.3	0.5	0.4	0.5	0.5	0.6
Amphetamines	1.9	1.7	2.2	2.2	1.8	1.7	1.7	1.9	2.1	2.3	† 1.3	1.8	1.8	1.9	2.2	2.0
Methamphetamine	0.1	0.0	0.1	0.1	0.1	0.2	0.3	0.3	0.2	0.4	0.5	0.4	0.7	0.5	0.7	0.6
Heroin	0.2	0.1	0.2	0.1	0.1	0.2	0.2	0.1	0.3	0.3	0.2	0.4	0.4	0.4	0.4	0.4
Tranquilizers	0.6	0.4	1.1	1.2	0.9	0.7	0.8	0.8	0.8	0.9	0.8	1.0	1.2	1.2	1.2	1.1
Rohypnol	0.2	0.1	§	0.4	0.3	0.1	0.2	0.1	0.2	0.1	0.1	0.6	0.2	0.2	0.1	0.3
Steroids	0.5	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.3	0.3	0.4	0.3	0.4	0.5	0.4
Injection Drug Use		0.0	0.2	0.1	0.1	0.2	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3
Past Year Use (%)	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007
Alcohol	15.2	17.2	20.5	19.3	18.7	18.2	17.6	21.0	20.8	22.1	23.6	26.9	29.3	30.3	32.1	31.8
Been Drunk in past year	4.7	5.7	7.5	6.6	6.5	6.4	5.7	7.7	7.3	8.4	8.6	10.5	11.5	12.2	12.7	12.6
Any Illicit Drug	11.0	10.2	15.6	14.8	13.4	12.9	12.0	14.8	14.6	15.2	† 13.4	14.7	16.0	14.5	14.1	13.2
Any Illicit Drug other than Marijuana	4.9	4.6	7.7	6.5	6.1	5.8	5.4	6.3	6.4	6.3	† 5.5	6.4	7.1	7.0	7.4	7.0
Marijuana/Hashish	8.3	7.1	11.4	11.8	10.5	10.1	9.4	11.8	11.7	12.7	11.4	12.5	13.7	11.8	10.9	10.3
Synthetic Marijuana	1.5	1.3	1.6	2.7	1.6	2.0	2.7	3.1	3.3	4.0	4.4					
Vaping any substance	13.8	13.4	19.2	20.1	17.6	13.3										
Inhalants	3.6	4.8	6.1	4.7	4.6	4.7	3.8	4.6	5.3	5.2	6.2	7.0	8.1	8.1	8.9	8.3
Hallucinogens	1.2	1.0	1.7	1.3	1.4	1.1	1.2	1.3	1.3	1.6	1.6	2.2	2.2	1.9	2.1	1.9
LSD	0.6	0.7	1.1	0.9	0.9	0.9	0.8	0.9	0.7	1.0	0.8	1.1	1.2	1.1	1.3	1.1
MDMA "Ecstasy"	0.6	0.6	0.8	1.1	1.1	0.9	1.0	1.4	† 1.5	1.1	1.1	1.7	2.4	1.3	1.7	1.5
Cocaine	0.5	0.2	0.5	0.7	0.8	0.8	0.8	0.9	1.0	1.0	1.2	1.4	1.6	1.6	1.8	2.0
Crack	0.4	0.2	0.2	0.4	0.4	0.5	0.5	0.5	0.7	0.6	0.6	0.9	1.0	1.1	1.1	1.3
Amphetamines	3.2	3.0	5.3	4.1	3.7	3.5	3.5	4.1	4.3	4.2	† 2.9	3.5	3.9	4.1	4.5	4.2
Methamphetamine	0.2	0.2	0.5	0.5	0.4	0.5	0.4	0.5	0.6	1.0	1.0	0.8	1.2	1.0	1.2	1.1
Heroin	0.3	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.5	0.5	0.5	0.7	0.8	0.7	0.9	0.8
Tranquilizers	1.4	1.1	2.2	2.4	2.0	2.0	1.7	1.7	1.8	1.8	1.8	2.0	2.8	2.6	2.4	2.4
Steroids	0.8	0.5	1.1	0.8	0.6	0.6	0.5	0.5	0.6	0.6	0.6	0.7	0.5	0.8	0.9	0.8
Injection Drug Use		0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.3	0.4	0.5	0.6	0.5	0.5	0.6
Lifetime Use (%)	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007
Alcohol	23.1	21.7	25.6	24.5	23.5	23.1	22.8	26.1	26.8	27.8	29.5	33.1	35.8	36.6	38.9	38.9
Ever Been Drunk	8.0	8.3	10.1	10.1	9.2	9.2	8.6	10.9	10.8	12.2	12.8	14.8	16.3	17.4	18.0	17.9
Cigarettes	6.1	7.0	11.5	10.0	9.1	9.4	9.8	13.3	13.5	14.8	15.5	18.4	20.0	20.1	20.5	22.1
Smokeless Tobacco	3.9	4.6	7.8	7.1	6.4	6.2	6.9	8.6	8.0	7.9	8.1	9.7	9.9	9.6	9.8	9.1
Any Illicit Drug	16.6	15.9	21.3	20.4	18.7	18.2	17.2	20.5	20.3	21.1	† 18.5	20.1	21.4	19.9	19.6	19.0
Any Illicit Drug other than Marijuana	9.3	8.8	12.5	10.8	9.8	9.3	8.9	10.3	10.0	10.4	† 8.7	9.8	10.6	10.4	11.2	11.1
Marijuana/Hashish	11.0	10.2	14.8	15.2	13.9	13.5	12.8	15.5	15.6	16.5	15.2	16.4	17.3	15.7	14.6	14.2
Vaping any substance	18.1	17.5	24.1	24.3	21.5	18.5	† 17.5	21.7								
Inhalants	9.8	11.3	12.6	9.5	8.7	8.9	7.7	9.4	10.8	10.8	11.8	13.1	14.5	14.9	15.7	15.6
Hallucinogens	2.0	1.8	3.0	2.4	2.2	1.9	1.9	2.0	2.0	2.5	2.8	3.3	3.4	3.0	3.3	3.1
LSD	1.0	1.2	2.1	1.6	1.4	1.3	1.2	1.3	1.1	1.4	1.3	1.7	1.8	1.7	1.9	1.6
MDMA "Ecstasy"	1.2	1.0	1.7	1.7	1.6	1.5	1.7	2.3	† 2.4	1.8	2.0	2.6	3.3	2.2	2.4	2.3
Cocaine (all forms)	0.8	0.6	1.6	1.2	1.4	1.3	1.4	1.6	1.8	1.7	1.9	2.2	2.6	2.6	3.0	3.1
Crack Cocaine	0.7	0.4	0.9	0.9	0.9	0.8	0.9	1.0	1.2	1.2	1.0	1.5	1.5	1.7	2.0	2.1
Amphetamines	6.0	5.8	8.9	6.8	5.9	5.7	5.7	6.8	6.7	6.9	† 4.5	5.2	5.7	6.0	6.8	6.5
Methamphetamine	0.5	0.3	1.1	0.9	0.7	0.7	0.6	0.8	1.0	1.4	1.3	1.3	1.8	1.6	2.3	1.8
Heroin	0.4	0.5	0.5	0.7	0.6	0.7	0.5	0.5	0.9	1.0	0.8	1.2	1.3	1.3	1.4	1.3
Tranquilizers	3.1	2.5	3.9	4.0	3.5	3.4	3.0	3.0	2.9	2.9	3.0	3.4	4.4	3.9	3.9	3.9
Rohypnol	0.4	0.3	§	0.6	0.7	0.6	0.9	0.8	0.6	0.7	1.0	2.0	0.9	0.7	0.7	1.0
Steroids	1.6	1.2	2.0	1.5	1.1	1.1	0.9	1.0	1.0	1.1	1.2	1.2	1.1	1.3	1.4	1.5
Injection Drug Use		0.4	0.3	0.5	0.4	0.4	0.3	0.3	0.8	0.6	0.6	0.8	0.9	0.9	0.9	0.9

* Binge alcohol use in the Monitoring the Future Survey is defined as consuming 5 or more drinks on the same occasion on at least one day in the past two weeks.

† Survey question was re-worded and/or estimate was revised beginning with year indicated. Figures are percentage estimates.

§ Estimate is not calculated due to small sample size.

Data Source: Miech, RA; Johnston, LD; Patrick, ME; O'Malley, PM; Bachman, JG, & Schulenberg, JE (2023). Monitoring the Future national survey results on drug use, 1975-2022: Secondary school students. Monitoring the Future Monograph Series. Ann Arbor, MI: Institute for Social Research, University of Michigan.

MONITORING THE FUTURE SURVEY: U.S. STUDENTS IN GRADE 10

Daily Use in Past 30 Days (%)	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007
Alcohol	0.4	0.4	1.0	0.6	0.5	0.6	0.5	0.5	0.8	0.9	1.0	0.8	1.1	1.1	1.0	1.4
Been Drunk Daily	0.2	0.1	0.3	0.2	0.2	0.2	0.1	0.1	0.3	0.3	0.4	0.2	0.3	0.4	0.3	0.5
Cigarettes	0.7	0.8	1.2	1.3	1.8	2.2	1.9	3.0	3.2	4.4	5.0	5.5	6.6	6.3	5.9	7.2
Smokeless Tobacco	0.7	0.4	0.7	0.9	1.0	0.6	1.0	1.6	1.8	1.9	2.0	1.7	2.5	1.9	1.4	1.6
Marijuana/Hashish	2.1	3.2	4.4	4.8	3.4	2.9	2.5	3.0	3.4	4.0	3.5	3.6	3.3	2.8	2.7	2.8
Past 30-Day Use (%)	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007
Alcohol	13.6	13.1	20.3	18.4	18.6	19.7	19.9	21.5	23.5	25.7	27.6	27.2	28.9	30.4	28.8	33.4
Been Drunk (past 30 days)	5.7	5.4	9.3	8.8	8.4	8.9	9.0	10.3	11.2	12.8	14.5	13.7	14.7	15.5	14.4	18.1
Binge Alcohol Use (past 2 weeks)*	5.9	5.9	9.6	8.5	8.7	9.8	9.7	10.9	12.6	13.7	15.6	14.7	16.3	17.5	16.0	19.6
Cigarettes	1.7	1.8	3.2	3.4	4.2	5.0	4.9	6.3	7.2	9.1	10.8	11.8	13.6	13.1	12.3	14.0
Smokeless Tobacco	2.5	1.7	3.5	3.2	3.9	3.8	3.5	4.9	5.3	6.4	6.4	6.6	7.5	6.5	5.0	6.1
Any Illicit Drug	12.9	10.9	18.2	19.8	18.3	17.2	15.9	16.5	18.5	19.2	18.6	19.2	18.5	17.8	15.8	16.9
Any Illicit Drug other than Marijuana	2.4	2.5	3.7	4.2	4.2	4.5	4.4	4.9	5.6	4.9	‡ 5.0	5.4	5.8	5.7	5.3	6.9
Marijuana/Hashish	12.1	10.1	16.6	18.4	16.7	15.7	14.0	14.8	16.6	18.0	17.0	17.6	16.7	15.9	13.8	14.2
Vaping any substance	17.3	15.6	23.5	25.0	21.7	13.1	‡ 11.0	14.2								
Vaping Nicotine	14.2	13.1	19.3	19.9	16.1	8.2										
Vaping Marijuana	10.3	8.4	11.3	12.6	7.0	4.3										
Inhalants	1.2	0.9	1.2	1.1	1.0	1.1	1.0	1.2	1.1	1.3	1.4	1.7	2.0	2.2	2.1	2.5
Hallucinogens	0.7	0.8	1.4	1.3	0.8	1.1	0.9	0.9	1.2	1.1	1.2	1.4	1.6	1.4	1.3	1.7
LSD	0.4	0.4	1.0	1.1	0.5	0.8	0.7	0.6	0.6	0.6	0.5	0.7	0.7	0.5	0.7	0.7
MDMA "Ecstasy"	0.3	0.1	0.5	0.7	0.4	0.5	0.5	0.9	‡ 1.1	1.2	1.0	1.6	1.9	1.3	1.1	1.2
Cocaine (all forms)	0.2	0.3	0.4	0.6	0.6	0.5	0.4	0.8	0.6	0.8	0.8	0.7	0.9	0.9	1.2	1.3
Crack Cocaine	0.1	0.2	0.3	0.3	0.3	0.3	0.2	0.3	0.3	0.4	0.4	0.5	0.4	0.5	0.5	0.5
Amphetamines	1.3	1.4	1.9	2.4	2.4	2.5	2.7	3.1	3.7	3.3	‡ 2.8	3.1	3.3	3.3	2.8	4.0
Methamphetamine	0.1	0.1	0.2	0.3	0.1	0.1	0.2	0.3	0.3	0.4	0.6	0.5	0.7	0.6	0.7	0.4
Heroin	0.2	0.1	0.1	0.2	0.1	0.1	0.2	0.2	0.4	0.3	0.4	0.4	0.4	0.4	0.4	0.4
Tranquilizers	0.6	0.5	0.7	1.3	1.3	1.5	1.5	1.7	1.6	1.6	1.7	1.9	2.2	2.0	1.9	2.6
Rohypnol	0.0	0.1	§	0.2	0.1	0.0	0.3	0.1	0.4	0.1	0.2	0.3	0.3	0.3	0.2	0.2
Steroids	0.3	0.1	0.5	0.4	0.4	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5
Injection Drug Use		0.1	0.1	0.2	0.1	0.1	0.2	0.1	0.3	0.2	0.2	0.2	0.3	0.3	0.3	0.3
Past Year Use (%)	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007
Alcohol	31.3	28.6	40.7	37.7	37.8	37.7	38.3	41.9	44.0	47.1	48.5	49.8	52.1	52.8	52.5	56.3
Been Drunk in past year	14.6	13.4	23.1	20.2	20.9	20.4	20.5	23.4	24.6	27.1	28.2	28.8	29.9	31.2	30.0	34.4
Any Illicit Drug	21.5	18.7	30.4	31.0	29.9	27.8	26.8	27.9	29.9	32.1	‡ 30.1	31.1	30.2	29.4	26.9	28.1
Any Illicit Drug other than Marijuana	5.7	5.1	8.6	9.1	9.6	9.4	9.8	10.5	11.2	11.2	‡ 10.8	11.2	12.1	12.2	11.3	13.1
Marijuana/Hashish	19.5	17.3	28.0	28.8	27.5	25.5	23.9	25.4	27.3	29.8	28.0	28.8	27.5	26.7	23.9	24.6
Synthetic Marijuana	2.2	1.6	2.5	2.6	2.9	2.7	3.3	4.3	5.4	7.4	8.8					
Vaping any substance	23.8	22.2	34.6	35.7	32.3	23.9										
Inhalants	2.4	2.0	2.9	2.8	2.4	2.3	2.4	2.9	3.3	3.5	4.1	4.5	5.7	6.1	5.9	6.6
Hallucinogens	2.1	2.2	3.4	3.1	2.7	2.8	2.9	3.1	3.3	3.4	3.5	4.1	4.2	4.1	3.9	4.4
LSD	1.3	1.5	2.5	2.3	2.0	2.1	2.1	2.0	1.9	1.7	1.7	1.8	1.9	1.9	1.8	1.9
MDMA "Ecstasy"	0.7	0.7	1.2	1.7	1.4	1.7	1.8	2.4	‡ 3.8	3.6	3.0	4.5	4.7	3.7	2.9	3.5
Cocaine	0.3	0.6	1.1	1.5	1.5	1.4	1.3	1.8	1.5	1.9	2.0	1.9	2.2	2.7	3.0	3.4
Crack	0.2	0.3	0.5	0.6	0.6	0.6	0.4	0.7	0.5	0.8	0.8	0.9	1.0	1.2	1.3	1.3
Amphetamines	3.1	2.7	4.3	5.2	5.7	5.6	6.1	6.8	7.6	7.9	‡ 6.5	6.6	7.6	7.1	6.4	8.0
Methamphetamine	0.3	0.2	0.3	0.5	0.4	0.4	0.4	0.8	0.8	1.0	1.0	1.4	1.6	1.6	1.5	1.6
Heroin	0.2	0.1	0.2	0.3	0.2	0.2	0.3	0.5	0.5	0.6	0.6	0.8	0.8	0.9	0.8	0.8
Tranquilizers	1.5	1.3	2.6	3.4	3.9	4.1	4.1	3.9	3.9	3.7	4.3	4.5	5.1	5.0	4.6	5.3
Steroids	0.5	0.3	0.9	0.8	0.6	0.7	0.7	0.7	0.8	0.8	0.8	0.9	1.0	0.8	0.9	1.1
Injection Drug Use		0.1	0.2	0.2	0.1	0.2	0.3	0.2	0.4	0.5	0.4	0.5	0.5	0.6	0.5	0.5
Lifetime Use (%)	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007
Alcohol	41.1	34.7	46.4	43.1	42.2	42.2	43.4	47.1	49.3	52.1	54.0	56.0	58.2	59.1	58.3	61.7
Ever Been Drunk	19.8	17.8	28.8	25.5	26.2	25.1	26.0	28.6	30.2	33.5	34.6	35.9	36.9	38.6	37.2	41.2
Cigarettes	10.2	10.0	13.9	14.2	16.0	15.9	17.5	19.9	22.6	25.7	27.7	30.4	33.0	32.7	31.7	34.6
Smokeless Tobacco	5.8	4.9	9.3	9.2	10.0	9.1	10.2	12.3	13.6	14.0	15.4	15.6	16.8	15.2	12.2	15.1
Any Illicit Drug	27.7	25.0	37.3	37.5	36.3	34.3	33.7	34.7	37.4	39.1	‡ 36.8	37.7	37.0	36.0	34.1	35.6
Any Illicit Drug other than Marijuana	9.7	9.1	13.2	13.8	14.2	13.7	14.0	14.6	15.9	16.4	‡ 14.9	15.6	16.8	16.7	15.9	18.2
Marijuana/Hashish	24.2	22.0	33.3	34.0	32.6	30.7	29.7	31.1	33.7	35.8	33.8	34.5	33.4	32.3	29.9	31.0
Vaping any substance	29.6	29.7	41.0	41.0	36.9	30.9	‡ 29.0	32.8								
Inhalants	7.5	7.2	7.4	6.8	6.5	6.1	6.6	7.2	8.7	8.7	9.9	10.1	12.0	12.3	12.8	13.6
Hallucinogens	3.4	3.5	4.8	4.7	3.9	4.2	4.4	4.6	5.0	5.4	5.2	6.0	6.1	6.1	5.5	6.4
LSD	2.1	2.5	3.8	3.6	2.8	3.0	3.2	3.0	2.6	2.7	2.6	2.8	3.0	3.0	2.6	3.0
MDMA "Ecstasy"	1.4	1.4	2.6	3.2	2.4	2.8	2.8	3.8	‡ 5.2	5.7	5.0	6.6	6.4	5.5	4.3	5.2
Cocaine (all forms)	0.8	1.2	1.6	2.5	2.6	2.1	2.1	2.7	2.6	3.3	3.3	3.3	3.7	4.6	4.5	5.3
Crack Cocaine	0.4	0.7	0.7	0.9	1.0	0.8	0.8	1.1	1.0	1.5	1.4	1.6	1.8	2.1	2.0	2.3
Amphetamines	5.4	5.2	7.0	8.2	8.6	8.2	8.8	9.7	10.6	11.2	‡ 8.9	9.0	10.6	10.3	9.0	11.1
Methamphetamine	0.6	0.4	0.8	0.7	0.8	0.9	0.7	1.3	1.4	1.6	1.8	2.1	2.5	2.8	2.4	2.8
Heroin	0.5	0.3	0.3	0.4	0.4	0.4	0.6	0.7	0.9	1.0	1.1	1.2	1.3	1.5	1.2	1.5
Tranquilizers	2.7	2.6	4.9	5.7	6.0	6.0	6.1	5.8	5.8	5.5	6.3	6.8	7.3	7.0	6.8	7.4
Rohypnol	0.2	0.6	§	0.9	0.5	0.7	1.0	0.5	1.0	1.1	0.8	1.2	1.4	0.7	0.9	1.3
Steroids	0.9	0.7	1.7	1.6	1.2	1.1	1.3	1.2	1.4	1.3	1.3	1.4	1.6	1.3	1.4	1.8
Injection Drug Use		0.3	0.2	0.3	0.2	0.3	0.5	0.5	0.6	0.7	0.7	0.8	0.8	0.9	0.7	0.9

* Binge alcohol use in the Monitoring the Future Survey is defined as consuming 5 or more drinks on the same occasion on at least one day in the past two weeks.

‡ Survey question was re-worded and/or estimate was revised beginning with year indicated. Figures are percentage estimates.

§ Estimate is not calculated due to small sample size.

Data Source: Miech, RA; Johnston, LD; Patrick, ME; O'Malley, PM; Bachman, JG, & Schulenberg, JE (2023). Monitoring the Future national survey results on drug use, 1975-2022: Secondary school students. Monitoring the Future Monograph Series. Ann Arbor, MI: Institute for Social Research, University of Michigan.

MONITORING THE FUTURE SURVEY: U.S. STUDENTS IN GRADE 12

Daily Use in Past 30 Days (%)	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007
Alcohol	1.5	0.9	2.7	1.7	1.2	1.6	1.3	1.9	1.9	2.2	2.5	2.1	2.7	2.5	2.8	3.1
Been Drunk Daily	0.8	0.4	0.8	1.1	0.7	1.1	0.8	0.8	1.1	1.3	1.5	1.3	1.6	1.1	1.4	1.3
Cigarettes	1.6	2.0	3.1	2.4	3.6	4.2	4.8	5.5	6.7	8.5	9.3	10.3	10.7	11.2	11.4	12.3
Smokeless Tobacco	1.1	0.7	§	1.1	1.6	2.0	2.7	2.9	3.4	3.0	3.2	3.1	3.1	2.9	2.7	2.8
Marijuana/Hashish	6.3	5.8	6.9	6.4	5.8	5.9	6.0	6.0	5.8	6.5	6.5	6.6	6.1	5.2	5.4	5.1
Past 30-Day Use (%)	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007
Alcohol	28.4	25.8	33.6	29.3	30.2	33.2	33.2	35.3	37.4	39.2	41.5	40.0	41.2	43.5	43.1	44.4
Been Drunk in past 30 days	16.8	15.5	19.8	17.5	17.5	19.1	20.4	20.6	23.5	26.0	28.1	25.0	26.8	27.4	27.6	28.7
Binge Alcohol Use in past 2 weeks*	12.6	11.8	16.8	14.4	13.8	16.6	15.5	17.2	19.4	22.1	23.7	21.6	23.2	25.2	24.6	25.9
Cigarettes	4.0	4.1	7.5	5.7	7.6	9.7	10.5	11.4	13.6	16.3	17.1	18.7	19.2	20.1	20.4	21.6
Smokeless Tobacco	3.2	2.2	§	3.5	4.2	4.9	6.6	6.1	8.4	8.1	7.9	8.3	8.5	8.4	6.5	6.6
Any Illicit Drug	21.6	20.6	22.2	23.7	24.0	24.9	24.4	23.6	23.7	25.2	‡ 25.2	25.2	23.8	23.3	22.3	21.9
Any Illicit Drug other than Marijuana	3.6	2.9	4.8	5.2	6.0	6.3	6.9	7.6	7.7	8.2	‡ 8.4	8.9	8.6	8.6	9.3	9.5
Marijuana/Hashish	20.2	19.5	21.1	22.3	22.2	22.9	22.5	21.3	21.2	22.7	22.9	22.6	21.4	20.6	19.4	18.8
Vaping any substance	25.6	24.0	28.2	30.9	26.7	16.6	‡ 12.5	16.3								
Inhalants	0.7	0.7	0.7	0.9	0.7	0.8	0.8	0.7	0.7	1.0	0.9	1.0	1.4	1.2	1.4	1.2
Hallucinogens	1.4	1.0	1.8	1.8	1.4	1.6	1.4	1.6	1.5	1.4	1.6	1.6	1.9	1.6	2.2	1.7
LSD	0.8	0.5	1.4	1.4	1.0	1.2	1.0	1.1	1.0	0.8	0.8	0.8	0.8	0.5	1.1	0.6
MDMA "Ecstasy"	0.9	0.2	0.8	0.7	0.5	0.9	0.9	1.1	‡ 1.5	1.5	0.9	2.3	1.4	1.8	1.8	1.6
Cocaine including Crack	0.8	0.3	0.8	1.0	1.1	1.2	0.9	1.1	1.0	1.1	1.1	1.1	1.3	1.3	1.9	2.0
Crack Cocaine	0.6	0.3	0.4	0.7	0.5	0.6	0.5	0.6	0.7	0.6	0.6	0.5	0.7	0.6	0.8	0.9
Amphetamines	1.3	1.0	1.7	2.0	2.4	2.6	3.0	3.2	3.8	4.2	‡ 3.3	3.7	3.3	3.0	2.9	3.7
Methamphetamine	0.4	0.1	0.8	0.3	0.3	0.3	0.3	0.4	0.5	0.4	0.5	0.6	0.5	0.5	0.6	0.6
Crystal Methamphetamine "Ice"	0.3	0.2	0.0	0.4	0.4	0.5	0.4	0.3	0.4	0.8	0.4	0.6	0.6	0.5	0.6	0.6
Heroin	0.3	0.1	0.3	0.3	0.2	0.3	0.2	0.3	0.4	0.3	0.3	0.4	0.4	0.4	0.4	0.4
Narcotics other than Heroin	0.7	0.3	0.7	1.0	1.1	1.6	1.7	2.1	2.2	2.8	3.0	3.6	3.6	4.1	3.8	3.8
Sedatives / Barbiturates	1.1	0.9	1.2	1.2	1.2	1.4	1.5	1.7	2.0	2.2	2.0	1.8	2.2	2.5	2.8	2.7
Tranquilizers	0.7	0.4	1.0	1.3	1.3	2.0	1.9	2.0	2.1	2.0	2.1	2.3	2.5	2.7	2.6	2.6
Steroids	1.3	0.5	1.2	0.7	0.8	0.8	0.7	1.0	0.9	1.0	0.9	0.7	1.1	1.0	1.0	1.0
Prescription Drug non-medical use	2.6	2.1	3.3	3.6	4.2	4.9	5.4	5.9	6.4	7.1	‡ 7.0	7.2	6.9	7.3	7.2	7.8
Injection Drug Use		0.1	0.1	0.3	0.2	0.2	0.2	0.2	0.3	0.2	0.3	0.4	0.4	0.1	0.2	0.2
Past Year Use (%)	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007
Alcohol	51.9	46.5	55.3	52.1	53.3	55.7	55.6	58.2	60.2	62.0	63.5	63.5	65.2	66.2	65.5	66.4
Been Drunk in past year	29.6	28.8	36.9	32.8	33.9	35.6	37.3	37.7	41.4	43.5	45.0	42.2	44.0	47.0	45.6	46.1
Tobacco using a Hookah	3.3	2.1	§	5.6	7.8	10.1	13.0	19.8	22.9	21.4	18.3	18.5	17.1			
Any Illicit Drug	32.6	32.0	36.8	38.0	38.8	39.9	38.3	38.6	38.7	40.1	‡ 39.7	40.0	38.3	36.5	36.6	35.9
Any Illicit Drug other than Marijuana	8.0	7.2	11.4	11.5	12.4	13.3	14.3	15.2	15.9	17.8	‡ 17.0	17.6	17.3	17.0	18.3	18.5
Marijuana/Hashish	30.7	30.5	35.2	35.7	35.9	37.1	35.6	34.9	35.1	36.4	36.4	36.4	34.8	32.8	32.4	31.7
Synthetic Marijuana	3.2	1.8	2.4	3.3	3.5	3.7	3.5	5.2	5.8	7.9	11.3	11.4				
Inhalants	1.8	1.8	1.1	1.9	1.6	1.5	1.7	1.9	1.9	2.5	2.9	3.2	3.6	3.4	3.8	3.7
Hallucinogens	4.4	4.1	5.3	4.6	4.3	4.4	4.3	4.2	4.0	4.5	4.8	5.2	5.5	4.7	5.9	5.4
LSD	2.5	2.5	3.9	3.6	3.2	3.3	3.0	2.9	2.5	2.2	2.4	2.7	2.6	1.9	2.7	2.1
MDMA "Ecstasy"	1.4	1.1	1.8	2.2	2.2	2.6	2.7	3.6	‡ 5.0	4.0	3.8	5.3	4.5	4.3	4.3	4.5
Cocaine	1.5	1.2	2.9	2.2	2.3	2.7	2.3	2.5	2.6	2.6	2.7	2.9	2.9	3.4	4.4	5.2
Crack	0.9	0.7	1.2	1.0	0.9	1.0	0.8	1.1	1.1	1.1	1.2	1.0	1.4	1.3	1.6	1.9
Amphetamines	2.8	2.3	4.3	4.5	5.5	5.9	6.7	7.7	8.1	9.2	‡ 7.9	8.2	7.4	6.6	6.8	7.5
Methamphetamine	0.5	0.2	1.4	0.5	0.5	0.6	0.6	0.6	1.0	0.9	1.1	1.4	1.0	1.2	1.2	1.7
Crystal Meth (Ice)	0.3	0.4	0.0	0.6	0.6	0.8	0.8	0.5	0.8	1.1	0.8	1.2	0.9	0.9	1.1	1.6
Heroin	0.3	0.1	0.3	0.4	0.4	0.4	0.3	0.5	0.6	0.6	0.6	0.8	0.9	0.7	0.7	0.9
Narcotics other than Heroin	1.7	1.0	2.1	2.7	3.4	4.2	4.8	5.4	6.1	7.1	7.9	8.7	8.7	9.2	9.1	9.2
Sedatives / Barbiturates	2.0	1.8	2.4	2.5	2.7	2.9	3.0	3.6	4.3	4.8	4.5	4.3	4.8	5.2	5.8	6.2
Tranquilizers	1.5	1.2	3.2	3.4	3.9	4.7	4.9	4.7	4.7	4.6	5.3	5.6	5.6	6.3	6.2	6.2
Steroids	1.3	0.5	1.2	1.0	1.1	1.1	1.0	1.7	1.5	1.5	1.3	1.2	1.5	1.5	1.5	1.4
Prescription Drug non-medical use	5.0	4.4	7.6	8.6	9.9	10.9	12.0	12.9	13.9	15.9	‡ 14.8	15.2	15.0	14.4	15.4	15.8
Injection Drug Use		0.1	0.1	0.3	0.3	0.2	0.3	0.3	0.5	0.4	0.4	0.6	0.7	0.3	0.4	0.4
Lifetime Use (%)	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007
Alcohol	61.6	54.1	61.5	58.5	58.5	61.5	61.2	64.0	66.0	68.2	69.4	70.0	71.0	72.3	71.9	72.2
Ever Been Drunk	36.7	38.9	41.7	40.8	42.9	45.3	46.3	46.7	49.8	52.3	54.2	51.0	54.1	56.5	54.7	55.1
Cigarettes	16.8	17.8	24.0	22.3	23.8	26.6	28.3	31.1	34.4	38.1	39.5	40.0	42.2	43.6	44.7	46.2
Smokeless Tobacco	10.3	8.6	§	9.8	10.1	11.0	14.2	13.2	15.1	17.2	17.4	16.9	17.6	16.3	15.6	15.1
Any Illicit Drug	41.0	41.3	46.6	47.4	47.8	48.9	48.3	48.9	49.1	49.8	‡ 49.1	49.9	48.2	46.7	47.4	46.8
Any Illicit Drug other than Marijuana	13.2	12.8	17.5	18.4	18.9	19.5	20.7	21.1	22.6	24.8	‡ 24.1	24.9	24.7	24.0	24.9	25.5
Marijuana/Hashish	38.3	38.6	43.7	43.7	43.6	45.0	44.5	44.7	44.4	45.5	45.2	45.5	43.8	42.0	42.6	41.8
Vaping any substance	40.7	40.5	47.2	45.6	42.5	35.8	‡ 33.8	35.5								
Inhalants	5.8	5.0	3.8	5.3	4.4	4.9	5.0	5.7	6.5	6.9	7.9	8.1	9.0	9.5	9.9	10.5
Hallucinogens	7.1	7.1	7.5	6.9	6.6	6.7	6.7	6.4	6.3	7.6	7.5	8.3	8.6	7.4	8.7	8.4
LSD	4.4	4.9	5.9	5.6	5.1	5.0	4.9	4.3	3.7	3.9	3.8	4.0	4.0	3.1	4.0	3.4
MDMA "Ecstasy"	3.0	2.8	3.6	3.3	4.1	4.9	4.9	5.9	‡ 7.9	7.1	7.2	8.0	7.3	6.5	6.2	6.5
Cocaine	2.4	2.5	4.1	3.8	3.9	4.2	3.7	4.0	4.6	4.5	4.9	5.2	5.5	6.0	7.2	7.8
Crack Cocaine	1.3	1.5	1.6	1.7	1.5	1.7	1.4	1.7	1.8	1.8	2.1	1.9	2.4	2.4	2.8	3.2
Amphetamines	5.3	4.9	7.3	7.7	8.6	9.2	10.0	10.8	12.1	13.8	‡ 12.0	12.2	11.1	9.9	10.5	11.4
Methamphetamine	1.1	0.6	1.7	0.8	0.7	1.1	1.2	1.0	1.9	1.5	1.7	2.1	2.3	2.4	2.8	3.0
Crystal Methamphetamine "Ice"	0.8	0.7	0.2	1.3	1.1	1.5	1.4	1.2	1.3	2.0	1.7	2.1	1.8	2.1	2.8	3.4
Heroin	0.5	0.4	0.4	0.6	0.8	0.7	0.7	0.8	1.0	1.0	1.1	1.4	1.6	1.2	1.3	1.5
Narcotics other than Heroin	3.2	2.3	5.3	5.3	6.0	6.8	7.8	8.4	9.5	11.1	12.2	13.0	13.0	13.2	13.2	13.1
Sedatives / Barbiturates	3.6	3.5	4.4	4.2	4.2	4.5	5.2	5.9	6.8	7.5	6.9	7.0	7.5	8.2	8.5	9.3
Tranquilizers	3.3	3.3	7.0	6.1	6.6	7.5	7.6	6.9	7.4	7.7	8.5	8.7	8.5	9.3	8.9	9.5
Steroids	1.5	0.8	2.0	1.6	1.6	1.6	1.6	2.3	1.9	2.1	1.8	1.8	2.0	2.2	2.2	2.2
Prescription Drug non-medical use	9.3	8.8	14.2	14.6	15.5	16.5	18.0	18.3	19.9	22.2	‡ 21.2	21.7	21.6	20.9	21.5	22.2
Injection Drug Use		0.2	0.2	0.4	0.5	0.4	0.5	0.6	0.8	0.7	0.7	0.9	1.1	0.6	0.7	0.7

* Binge alcohol use in the Monitoring the Future Survey is defined as consuming 5 or more drinks on the same occasion on at least one day in the past two weeks.

‡ Survey question was re-worded and/or estimate was revised beginning with year indicated. Figures are percentage estimates.

Data Source: Miech, RA; Johnston, LD; Patrick, ME; O'Malley, PM; Bachman, JG, & Schulenberg, JE (2023). Monitoring the Future national survey results on drug use, 1975-2022: Secondary school students. Monitoring the Future Monograph Series. Ann Arbor, MI: Institute for Social Research, University of Michigan.

MONITORING THE FUTURE SURVEY: U.S. COLLEGE STUDENTS

Daily Use in Past 30 Days (%)	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005
Alcohol	2.1	2.4	2.0	2.3	2.2	4.3	3.1	4.3	3.6	3.9	3.8	3.6	4.3	4.0	4.3	4.8	4.6
Been Drunk Daily		0.3	0.2	0.6	0.0	0.4	0.7	0.4	0.5	0.4	1.3	0.3	0.7	0.5	0.7	0.6	0.5
Cigarettes	0.9	1.4	2.5	1.9	2.0	2.6	4.2	5.2	5.6	5.2	7.3	7.6	8.0	9.2	9.3	9.2	12.4
Marijuana/Hashish	5.6	7.9	5.9	5.8	4.4	4.9	4.6	5.9	5.1	4.8	4.7	4.4	4.9	3.9	3.5	4.3	4.0
Past 30-Day Use (%)	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005
Alcohol	59.6	55.7	62.2	59.6	62.0	63.2	63.2	63.1	63.1	67.7	63.5	65.0	65.8	69.0	66.6	65.4	67.9
Been Drunk (past 30 days)		27.6	34.8	37.8	34.8	40.8	38.4	42.6	40.2	40.1	39.9	43.6	42.4	45.3	46.8	47.6	43.1
Binge Alcohol Use (5+ drinks in a row pa)	30.4	24.2	32.0	28.4	32.7	32.4	31.9	35.4	35.2	37.4	36.1	37.0	36.9	40.0	41.1	40.2	40.1
Binge Alcohol Use (10+ drinks in a row p)	10.5																
Cigarettes	5.9	4.1	7.9	6.8	8.0	8.9	11.3	12.9	14.0	12.5	15.2	16.4	17.9	17.9	19.9	19.2	23.8
Any Illicit Drug		25.2	29.7	27.0	23.6	24.4	23.4	22.7	22.8	‡ 22.3	21.4	19.2	20.7	18.9	19.3	19.2	19.5
Any Drug other than Marijuana	5.8	6.0	7.6	7.9	7.0	8.4	9.2	10.0	8.8	‡ 7.8	8.2	8.1	8.4	7.3	8.1	8.2	8.2
Marijuana/Hashish	24.2	24.5	26.3	24.7	21.2	22.2	21.1	20.8	20.6	20.5	19.4	17.5	18.5	17.0	16.8	16.7	17.1
Vaping any substance		23.9	28.5	21.3	11.3	‡ 6.9	8.8										
Vaping Marijuana	11.8																
Vaping Nicotine	20.4																
Inhalants		0.4	0.4	0.2	0.9	0.0	0.2	0.3	0.1	0.2	0.3	0.5	0.1	0.4	0.1	0.4	0.3
Hallucinogens	0.9	2.4	1.4	1.1	1.2	0.8	1.4	1.0	1.0	1.1	1.2	1.4	1.0	1.7	1.3	0.9	1.2
LSD	0.4	1.1	1.1	1.0	0.8	0.4	0.7	0.5	0.4	0.4	0.5	0.7	0.3	0.8	0.3	0.3	0.1
Hallucinogens other than LSD	0.5																
MDMA "Ecstasy"	0.1	0.8	1.1	1.3	0.5	1.0	0.7	‡ 1.0	0.8	1.4	0.7	1.0	0.5	0.6	0.4	0.6	0.8
Cocaine	1.7	1.4	2.4	2.6	1.4	1.7	1.5	1.8	0.9	1.1	1.2	1.0	1.3	1.2	1.7	1.8	1.8
Crack Cocaine		0.0	0.0	0.4	0.0	0.0	0.1	0.1	0.3	0.0	0.1	0.1	0.1	0.1	0.1	<0.1	0.1
Amphetamine	2.2	1.6	3.4	2.9	3.6	3.8	4.2	4.8	5.0	‡ 4.6	4.5	4.1	3.4	2.8	3.1	2.5	2.9
Methamphetamine		0.0	0.0	0.4	0.0	0.0	0.3	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.2	0.1
Crystal Methamphetamine "Ice"			0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.3	0.0	0.2	0.0	0.0	0.1	<0.1	0.2
Heroin	0.1	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.2	0.1	0.0	0.0	0.1	<0.1	0.1	0.2	0.1
Narcotics other than Heroin	0.3	0.5	0.4	1.0	0.7	1.1	1.3	1.2	1.5	2.2	2.1	2.3	2.7	2.3	2.2	3.1	3.1
Sedatives / Barbiturates	0.3	0.5	0.5	0.5	0.5	0.9	1.0	0.7	0.9	0.8	0.8	0.6	1.2	1.4	1.4	1.3	1.3
Tranquilizers	0.6	0.4	0.7	1.1	0.9	1.8	1.6	1.7	1.2	1.1	1.6	1.3	2.2	1.6	1.8	2.1	2.2
Injection Drug Use			0.0	0.1	0.1	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.1	0.0	<0.1	0.1	0.1
Past Year Use (%)	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005
Alcohol	76.4	76.7	77.6	74.6	75.8	78.9	79.0	76.1	75.6	79.2	77.4	78.6	79.4	82.1	80.9	82.1	83.0
Been Drunk in past year		58.0	58.7	59.2	58.0	60.7	61.6	60.5	57.9	61.5	60.1	63.8	61.5	66.8	64.8	66.2	64.2
Cigarettes	16.6	17.5	16.0	15.5	16.7	18.7	20.1	22.6	23.2	23.4	25.8	28.1	29.9	30.0	30.7	30.9	36.0
Tobacco using a Hookah	4.5	8.3	10.6	11.4	10.0	16.9	23.4	32.7	26.1	25.7	27.9						
Any Illicit Drug		45.6	46.5	45.4	42.4	42.8	41.4	38.6	40.5	‡ 37.3	36.3	35.0	36.0	35.2	35.0	33.9	36.6
Any Drug other than Marijuana	14.6	16.2	16.8	18.2	18.1	19.7	18.5	20.8	19.3	‡ 17.1	16.8	17.1	16.9	15.3	17.3	18.1	18.5
Marijuana/Hashish	40.3	43.9	43.0	42.6	38.3	39.3	37.9	34.4	35.5	34.9	33.2	32.7	32.8	32.3	31.8	30.2	33.3
Vaping Marijuana	19.5																
Vaping Nicotine	28.0																
Synthetic Marijuana		0.5	1.8	1.6	0.5	1.3	1.5	0.9	2.3	5.3	8.5						
Inhalants		1.2	1.3	1.3	1.7	0.2	0.6	1.3	0.5	1.5	0.9	1.7	1.2	1.1	1.5	1.5	1.8
Hallucinogens	6.8	8.6	5.3	5.1	4.1	4.5	4.3	4.0	4.5	4.5	4.1	4.9	4.7	5.1	4.9	5.6	5.0
LSD	4.3	5.8	3.7	4.1	2.8	3.1	3.0	2.2	2.6	1.9	2.0	2.1	2.0	2.6	1.3	1.4	0.7
Hallucinogens other than LSD	4.6	5.8	3.3	2.4	2.5	3.4	3.0	3.2	3.7	3.9	3.4	4.4	4.1	4.4	4.7	5.4	5.0
Ketamine	1.4																
Oxycontin	0.3																
Vicodin	0.8																
Adderall	4.3																
Ritalin	1.7																
Snus	3.5																
MDMA "Ecstasy"	1.6	3.7	3.3	4.3	2.5	4.7	4.2	‡ 4.9	5.3	5.8	4.2	4.3	3.1	3.7	2.2	2.6	2.9
Cocaine	3.9	3.8	5.6	6.0	4.8	4.0	4.3	4.4	2.7	3.1	3.3	3.5	4.2	4.4	5.4	5.1	5.7
Crack Cocaine		0.0	0.0	0.7	0.2	0.0	0.2	0.8	0.3	0.3	0.3	0.4	0.3	0.5	0.6	1.0	0.8
Amphetamine	5.2	6.5	8.1	8.3	8.6	9.8	9.7	10.1	9.6	‡ 11.1	9.3	9.0	7.5	5.7	6.9	6.0	6.7
Methamphetamine	0.3	0.0	0.0	0.4	0.4	0.0	0.5	0.1	0.4	0.0	0.2	0.4	0.3	0.5	0.4	1.2	1.7
Crystal Meth (Ice)				0.0	0.4	0.0	0.0	0.0	0.0	0.6	0.1	0.5	0.1	0.1	0.7	0.6	1.4
Heroin	0.1	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.3	0.1	0.1	0.2	0.4	0.3	0.2	0.3	0.3
Narcotics other than Heroin	0.9	1.3	1.5	2.7	3.1	3.8	3.3	4.8	5.4	5.4	6.2	7.2	7.6	6.5	7.7	8.8	8.4
Sedatives / Barbiturates	0.9	1.7	2.0	1.5	1.9	2.1	2.3	3.1	2.7	‡ 2.2	1.7	2.5	3.1	3.7	3.6	3.4	3.9
Tranquilizers	1.7	2.6	3.0	3.5	3.6	4.9	4.3	3.5	4.4	3.4	4.2	4.9	5.4	5.0	5.5	5.8	6.4
Steroids				0.0	0.6	0.0	0.3	0.5	0.8	0.3	0.2	0.3	0.7	0.1	0.6	0.8	0.5
Injection Drug Use		0.1	0.0	0.1	0.2	0.0	0.1	0.0	0.1	0.2	0.2	0.0	0.1	0.0	<0.1	0.3	0.3
Lifetime Use (%)	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005
Alcohol		79.2	79.2	77.4	79.1	81.3	81.4	79.4	78.0	81.0	80.5	82.3	82.6	85.3	83.1	84.7	86.6
Ever Been Drunk		65.1	65.5	66.8	64.8	66.7	68.6	68.8	66.5	70.0	67.9	70.5	69.1	72.5	71.6	73.1	72.9
Any Illicit Drug		56.3	58.9	55.7	55.4	54.4	53.4	52.4	53.3	‡ 50.5	49.2	49.1	51.4	49.5	50.5	50.6	52.3
Any Illicit Drug other than Marijuana		22.6	26.2	27.3	26.1	26.5	26.4	29.0	28.3	‡ 23.8	24.3	24.8	25.6	22.6	25.3	26.3	26.5
Marijuana/Hashish		55.4	54.7	52.4	50.5	51.0	50.4	48.5	47.7	49.1	46.6	46.8	47.5	46.8	47.5	46.9	49.1
Vaping any substance		49.3	49.4	39.9	36.0	‡ 26.8	26.0										
Inhalants		4.5	4.6	3.0	3.4	3.2	3.1	3.5	4.3	5.7	3.7	5.5	6.9	4.9	6.3	7.4	7.1
Hallucinogens		11.2	9.1	8.5	7.2	7.7	6.5	7.6	7.8	7.6	7.4	7.8	8.0	8.5	9.1	10.6	11.0
LSD		9.0	6.5	6.9	5.3	5.1	4.8	4.5	4.4	3.1	3.7	4.0	3.3	4.3	3.3	3.5	3.7
Hallucinogens other than LSD		7.8	6.9	5.0	5.0	6.6											

MONITORING THE FUTURE SURVEY: U.S. YOUNG ADULTS AGES 19-30

DAILY USE DURING PAST 30 DAYS (%)	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008
Alcohol	4.6	4.1	5.3	4.2	4.6	5.2	5.6	5.2	5.4	5.2	5.8	5.2	4.9	5.6	5.2
Cigarettes	4.2	4.4	5.3	6.4	7.6	8.6	8.6	9.9	11.2	12.0	13.0	13.9	15.2	15.3	16.9
Marijuana	11.3	10.8	9.8	9.2	7.9	7.7	7.5	6.5	6.7	5.7	5.5	5.7	5.1	5.4	5.0

PAST 2-WEEK USE (%)	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008
5+ Drinks in a Row in Past 2 Weeks*	30.5	32.0	28.0	31.8	30.5	31.3	31.9	31.3	33.1	34.4	35.1	35.5	35.4	36.0	37.0
10+ Drinks in a Row in Past 2 Weeks	9.5	13.1	12.4	11.9	11.3	11.8	9.6	10.5	11.9	10.1	11.3	11.0	12.1	12.5	12.3

PAST 30-DAY USE (%)	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008
Alcohol	67.5	66.3	64.7	68.2	67.0	67.9	69.7	68.1	69.1	69.1	69.7	68.9	68.5	69.7	69.7
Cigarettes	8.5	9.0	9.5	11.8	12.7	14.8	14.3	16.5	17.7	19.5	19.5	21.2	22.6	23.4	24.5
Vaping Nicotine	17.2	16.1	13.7	14.0	9.9	6.2									
Any Drug other than Marijuana	6.7	7.5	7.8	7.9	8.4	8.8	8.9	8.2	9.8	7.9	7.5	8.0	8.2	8.4	8.6
Marijuana	28.8	28.5	26.8	26.3	23.9	22.1	20.6	19.0	18.3	18.2	16.8	17.1	15.3	16.3	15.5
Vaping Marijuana	13.9	13.3	10.6	10.9	9.2	5.9									

PAST 12-MONTH USE (%)	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008
Alcohol	83.5	81.8	82.2	81.9	82.4	82.0	83.5	82.4	83.0	83.1	82.7	83.8	83.3	83.9	84.3
Cigarettes	17.8	18.6	21.0	21.3	22.5	23.1	23.3	25.3	26.9	29.0	29.3	31.0	32.5	33.7	34.4
Tobacco using a Hookah	8.0	7.2	9.6	10.0	13.3	11.7	14.8	17.4	20.6	18.7	17.1	17.7	14.4		
Vaping Nicotine	23.7	21.8	21.9	23.6	16.7	13.3									
Snus	2.8	3.0	4.7	3.6	3.6	4.2	4.3	4.9	5.2	5.2	5.8	6.2			
Marijuana	43.6	42.6	42.0	39.9	38.3	36.3	33.8	32.1	30.4	30.6	28.6	29.4	27.5	28.3	27.6
Vaping marijuana	21.3	19.0	19.0	18.1	15.7	11.5									
Any Drug other than Marijuana	17.4	18.3	19.1	19.1	19.3	19.9	19.4	18.9	21.0	17.7	16.7	17.0	17.9	17.4	18.5
Hallucinogens	8.0	8.5	7.6	5.1	5.3	4.3	4.6	4.0	3.9	3.7	3.4	3.4	3.9	3.7	3.7
LSD	2.6	4.3	4.7	3.5	3.7	2.9	3.0	2.4	2.0	1.8	1.4	1.6	1.3	1.4	1.3
Hallucinogens other than LSD	7.0	6.7	5.2	3.2	3.3	2.8	3.1	2.9	2.9	3.1	2.8	2.9	3.4	3.1	3.2
MDMA "Ecstasy"	3.2	2.9	4.7	3.9	3.8	3.7	4.9	4.2	4.8	3.8	3.8	3.4	3.1	2.9	3.1
Cocaine	5.5	5.8	6.7	6.3	7.0	6.5	6.5	5.5	6.0	4.0	4.4	5.0	5.2	5.6	6.3
Amphetamines	5.4	5.6	6.3	6.2	7.8	7.5	7.0	7.2	7.8	7.3	7.2	6.7	6.4	5.3	5.0
Methamphetamine	0.8	0.5	1.0	0.9	1.5	0.9	0.9	0.8	0.8	0.8	1.1	0.7	0.9	0.8	0.9
Heroin	0.2	0.4	0.3	0.3	0.4	0.5	0.6	0.6	0.5	0.7	0.5	0.6	0.5	0.6	0.5
Narcotics other than Heroin	1.8	2.1	2.5	3.3	3.8	4.6	5.7	5.8	6.7	7.6	7.6	8.2	9.2	8.9	9.1
Oxycontin	1.4	1.8	2.2	1.9	1.9	2.0	2.2	2.5	2.6	2.6	2.1	2.7	3.2	4.6	3.6
Vicodin	1.7	1.3	1.7	1.9	2.8	2.8	3.0	4.0	6.1	6.3	6.8	7.1	8.6	10.2	8.9
Sedatives / Barbiturates	1.4	1.5	1.8	2.1	2.8	2.5	2.8	2.9	3.5	3.4	2.8	3.3	3.4	3.8	4.6
Tranquilizers	2.2	3.2	3.1	3.7	4.4	4.9	5.4	5.3	5.3	5.6	5.5	6.1	6.2	6.6	6.8

* Binge alcohol use in the Monitoring the Future Survey is defined as consuming 5 or more drinks on the same occasion on at least one day in the past two weeks.

Source: Patrick, M. E., Miech, R. A., Johnston, L. D., & O'Malley, P. M. (2023). Monitoring the Future Panel Study annual report: National data on substance use among adults ages 19 to 60, 1976-2022. Monitoring the Future Monograph Series. Ann Arbor, MI: Institute for Social Research, University of Michigan.

MONITORING THE FUTURE SURVEY: U.S. ADULTS AGES 35-50

DAILY USE DURING PAST 30 DAYS (%)	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008
Alcohol	8.5	8.6	12.0	8.6	9.5	9.7	8.4	9.6	8.6	9.0	9.1	8.9	8.2	8.8	8.6
Cigarettes	9.0	8.0	9.8	9.5	9.9	11.0	11.4	12.2	13.0	13.3	13.4	14.7	16.5	14.9	16.9
Marijuana	6.5	6.6	5.9	4.3	4.3	3.9	3.4	3.7	3.0	2.7	3.0	2.8	2.6	2.0	2.5

PAST 2-WEEK USE (%)	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008
5+ Drinks in a Row in Past 2 Weeks*	29.2	25.7	25.4	25.7	24.8	25.2	24.3	23.9	24.5	23.6	22.8	22.8	22.5	22.4	23.4

PAST 30-DAY USE (%)	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008
Alcohol	71.3	70.5	69.1	71.0	68.8	70.5	68.3	67.9	68.9	67.7	68.1	67.4	68.2	66.7	65.9
Cigarettes	12.2	11.0	12.1	12.3	12.9	13.5	14.9	15.3	16.4	16.9	16.0	17.6	19.4	17.7	20.2
Vaping Nicotine	5.2	5.1	2.8	4.1											
Marijuana	17.3	15.9	13.8	12.8	12.1	10.5	9.3	9.6	8.6	8.3	7.6	7.8	7.5	7.0	7.4
Vaping Marijuana	6.3	5.4	4.8	6.0											
Any Drug other than Marijuana	5.5	5.4	4.8	5.4	5.3	5.0	5.5	5.7	5.1	5.3	5.4	5.3	5.6	5.6	5.6

PAST 12-MONTH USE (%)	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008
Alcohol	84.8	83.5	85.5	84.2	84.0	84.0	83.6	83.1	85.0	82.5	83.4	83.7	83.2	83.1	81.4
Cigarettes	16.6	15.3	17.4	16.6	18.0	17.6	19.2	20.4	20.9	21.3	20.1	21.5	23.2	22.1	24.7
Vaping Nicotine	6.7	6.4	5.8	7.0											
Marijuana	27.9	24.8	22.6	20.8	19.0	17.3	14.9	15.8	14.3	14.3	13.1	12.7	13.0	11.9	12.2
Vaping Marijuana	9.0	7.5	8.1	8.2											
Any Drug other than Marijuana	11.9	11.0	10.0	10.6	12.1	11.0	11.2	12.0	10.7	10.6	11.3	11.1	11.2	11.2	11.7
Hallucinogens	4.1	2.3	2.0	1.1	1.4	1.0	0.7	0.9	0.6	0.6	0.5	0.7	0.7	0.5	0.4
Cocaine	2.9	2.7	2.7	2.7	2.7	2.5	2.3	2.6	2.0	2.5	1.8	2.1	2.4	2.9	2.8
Amphetamines	3.2	2.7	2.4	2.6	2.1	2.0	2.1	1.9	1.5	1.5	1.1	1.1	0.9	1.3	0.9
Heroin	0.3	0.3	0.1	0.3	0.2	0.2	0.3	0.2	0.3	0.3	0.1	0.1	0.2	0.2	0.2
Narcotics other than Heroin	3.1	3.3	2.7	3.4	4.7	4.3	5.3	4.6	4.6	4.4	4.9	4.9	5.3	4.8	4.7
Sedatives / Barbiturates	2.2	2.1	2.2	1.9	2.5	2.4	1.9	2.7	2.8	2.6	2.7	2.8	2.8	3.1	3.3
Tranquilizers	3.6	4.0	3.3	3.8	4.0	3.9	3.7	4.0	4.3	4.0	3.8	4.0	4.0	3.8	4.1
Any Prescription Drug (non-medical use)	8.3	8.6	7.8	8.8	10.1	9.4	9.8	10.2	9.4	8.9	10.0	9.7	9.8	9.6	10.0

* Binge alcohol use in the Monitoring the Future Survey is defined as consuming 5 or more drinks on the same occasion on at least one day in the past two weeks.

Source: Patrick, M. E., Miech, R. A., Johnston, L. D., & O'Malley, P. M. (2023). Monitoring the Future Panel Study annual report: National data on substance use among adults ages 19 to 60, 1976-2022. Monitoring the Future Monograph Series. Ann Arbor, MI: Institute for Social Research, University of Michigan.