

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

Click on the [red page number](#) links or scroll down to view the pages in this section.

PAGE #

Missouri Student Survey (MSS): Missouri Students in Grades 6-12

Alcohol Use in Past Month	C-01
Binge Alcohol Use in Past 2 Weeks	C-02
Alcohol Impaired Driving, and Riding with Impaired Driver in Past 30 Days	C-03
Cigarette Use in Past 30 Days and Lifetime	C-04
Electronic Cigarette Use in Past 30 Days and Lifetime	C-05
Chewing Tobacco Use in Past 30 Days and Lifetime	C-06
Hookah Use in Past 30 Days and Lifetime	C-07
Inhalant Use in Past 30 Days and Lifetime	C-08
Marijuana Use in Past 30 Days and Lifetime	C-09
Hallucinogen Use in Lifetime	C-10
Club Drug Use in Lifetime	C-11
Synthetic Drug Use in Past 30 Days and Lifetime	C-12
Cocaine Use in Lifetime	C-13
Methamphetamine Use in Lifetime	C-14
Heroin Use in Lifetime	C-15
Non-medical Use of Over-The-Counter Drug in Past 30 Days and Lifetime	C-16
Non-medical Use of Pharmaceutical Drug in Past 30 Days and Lifetime	C-17
Depression in Past 30 Days	C-18
Victim of Covert Bullying in Past 3 Months	C-19
Victim of Aggressive Behavior in Past 3 Months	C-20
Thoughts of Suicide in Past Year	C-21

Missouri Assessment of College Health Behaviors (MACHB): Students in Missouri Universities and Colleges

Alcohol and Tobacco Use	C-22
Illicit Drug Use	C-23
Non-prescribed Pharmaceutical Drug Use	C-24
Substance Use Tables	C-25
Substance Use Related Issues	C-26
Mental Health Related Issues	C-27

Pregnancy Risk Assessment and Monitoring System (PRAMS): Mothers of Missouri Newborns

Alcohol Use by Mothers of Newborns	C-28
Cigarette Use by Mothers of Newborns	C-29
Depression in Mothers of Newborns	C-30

Youth Risk Behavior Survey (YRBS): U.S. and Missouri Students in Grades 9-12

Alcohol Use in Past 30 Days	C-31
Binge Alcohol Use in Past 30 Days	C-32
First Alcohol Use before Age 13	C-33
Cigarette Use in Past 30 Days	C-34
Marijuana Use in Past 30 Days	C-35
Serious Thoughts of Suicide in Past Year	C-36
Data Table for Grade 9	C-37
Data Table for Grade 10	C-38
Data Table for Grade 11	C-39
Data Table for Grade 12	C-40

Behavioral Risk Factor Surveillance System (BRFSS): U.S. and Missouri Adults

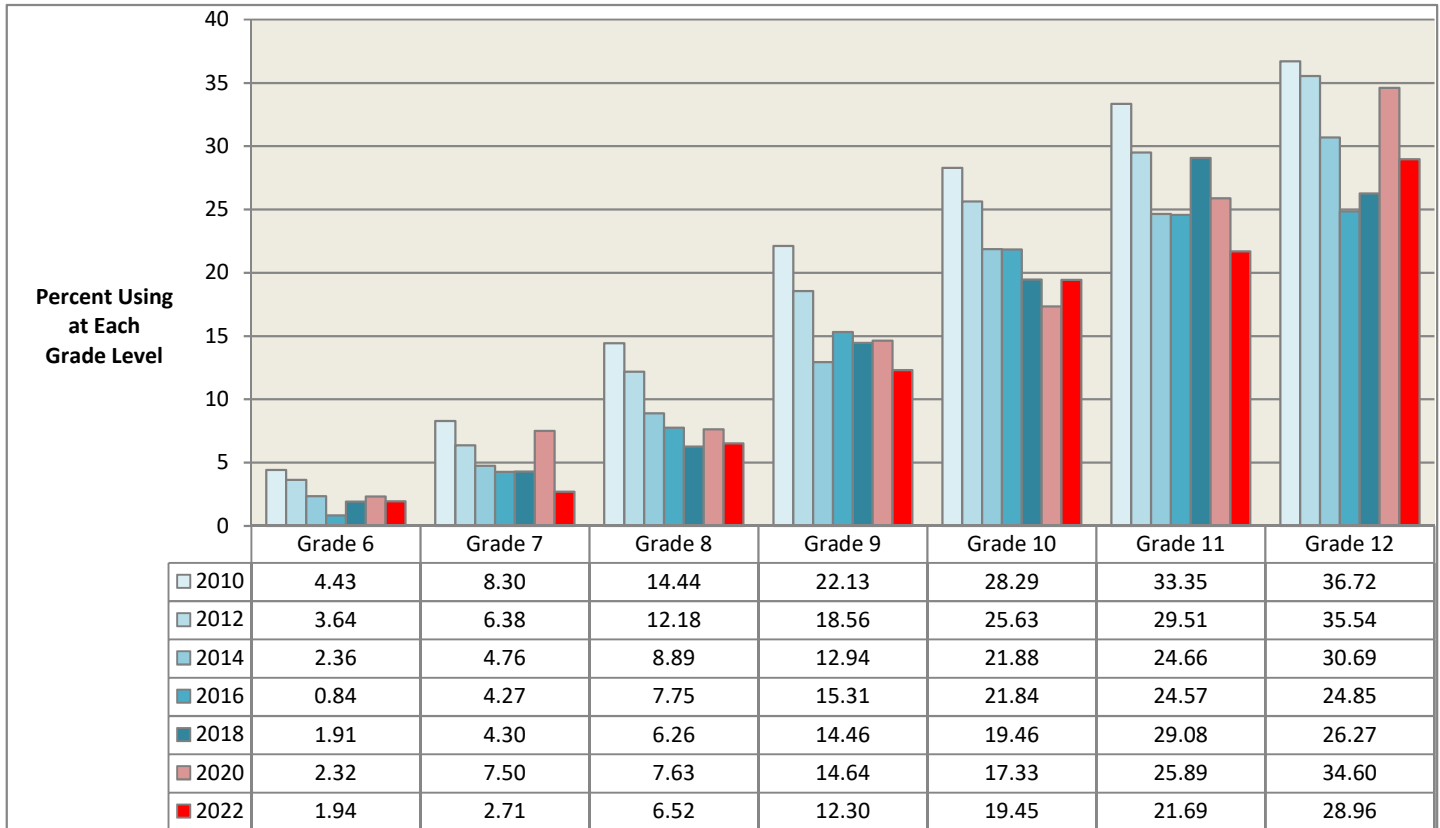
Alcohol Use by U.S. and Missouri Adults Ages 18 and Older	C-41
Prevalence of Tobacco Use by U.S. and Missouri Adults Ages 18 and Older	C-42
Frequency of Tobacco Smoking by U.S. and Missouri Adults Ages 18 and Older	C-43
Mental Health Issues of U.S. and Missouri Adults Ages 18 and Older	C-44

Monitoring The Future Survey (MTF): U.S. High School and College Students and Young Adults

Data Table for U.S. Students in Grade 8	C-45
Data Table for U.S. Students in Grade 10	C-46
Data Table for U.S. Students in Grade 12	C-47
Data Table for U.S. College Students	C-48
Data Table for U.S. Adults Ages 19-30	C-49
Data Table for U.S. Adults Ages 35-50	C-50

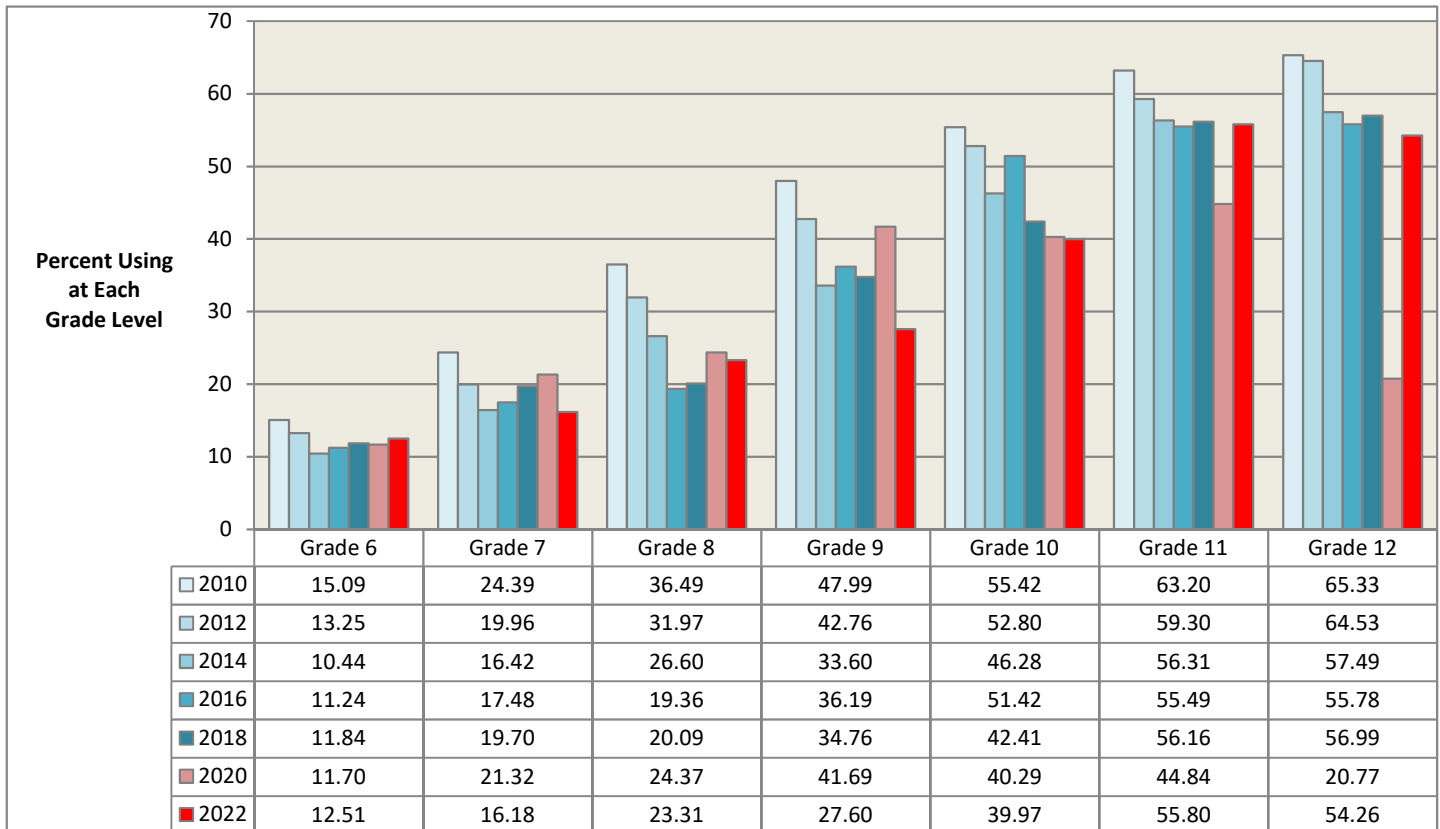
ALCOHOL USE: MISSOURI STUDENTS IN GRADES 6-12

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



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

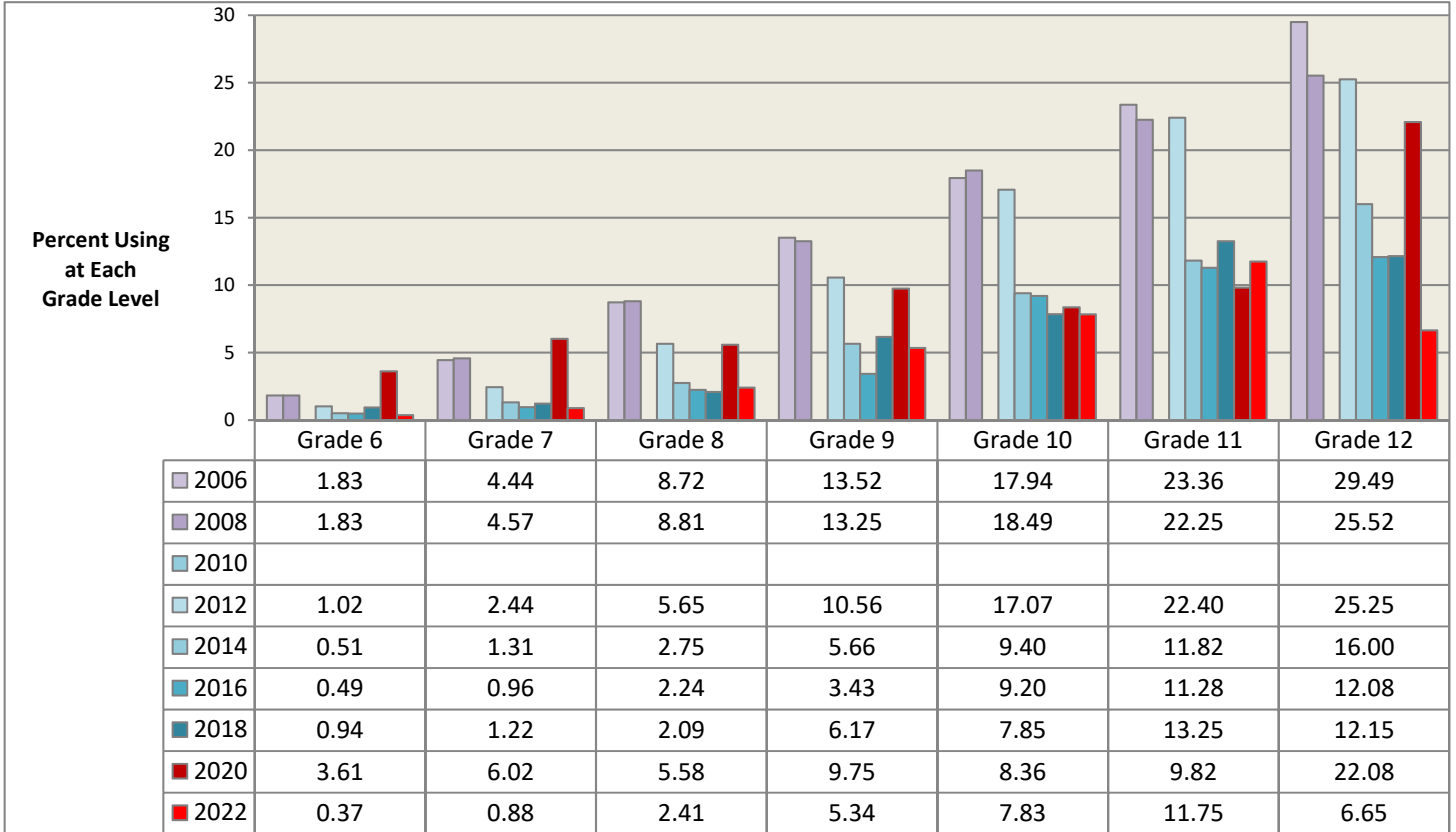
Lifetime Use of Alcohol: Missouri Students in Grades 6-12



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

BINGE DRINKING: MISSOURI STUDENTS IN GRADES 6-12

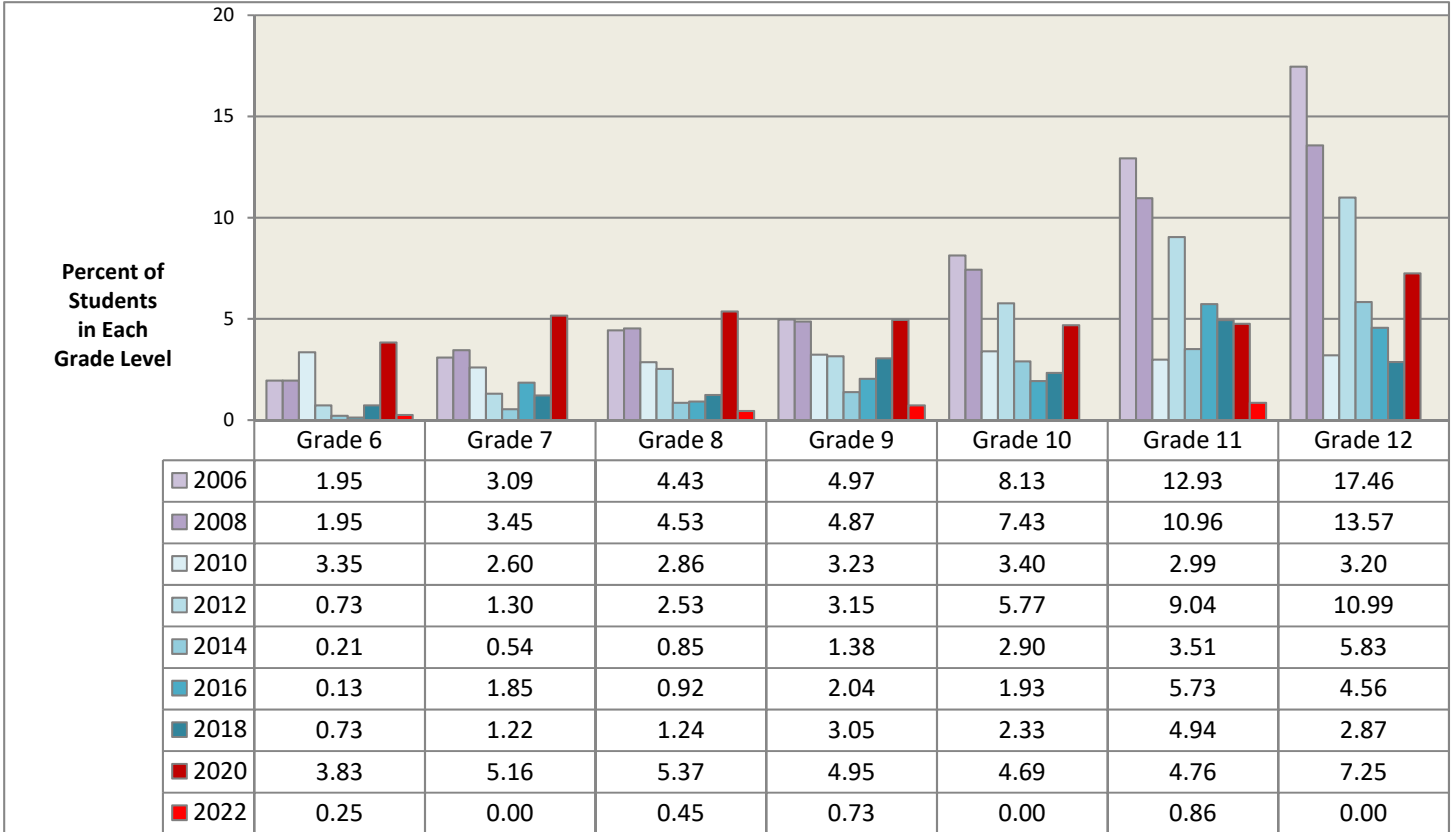
Past 2-Week Binge Alcohol Use, 5 or More Drinks on Same Occasion: Missouri Students in Grades 6-12



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

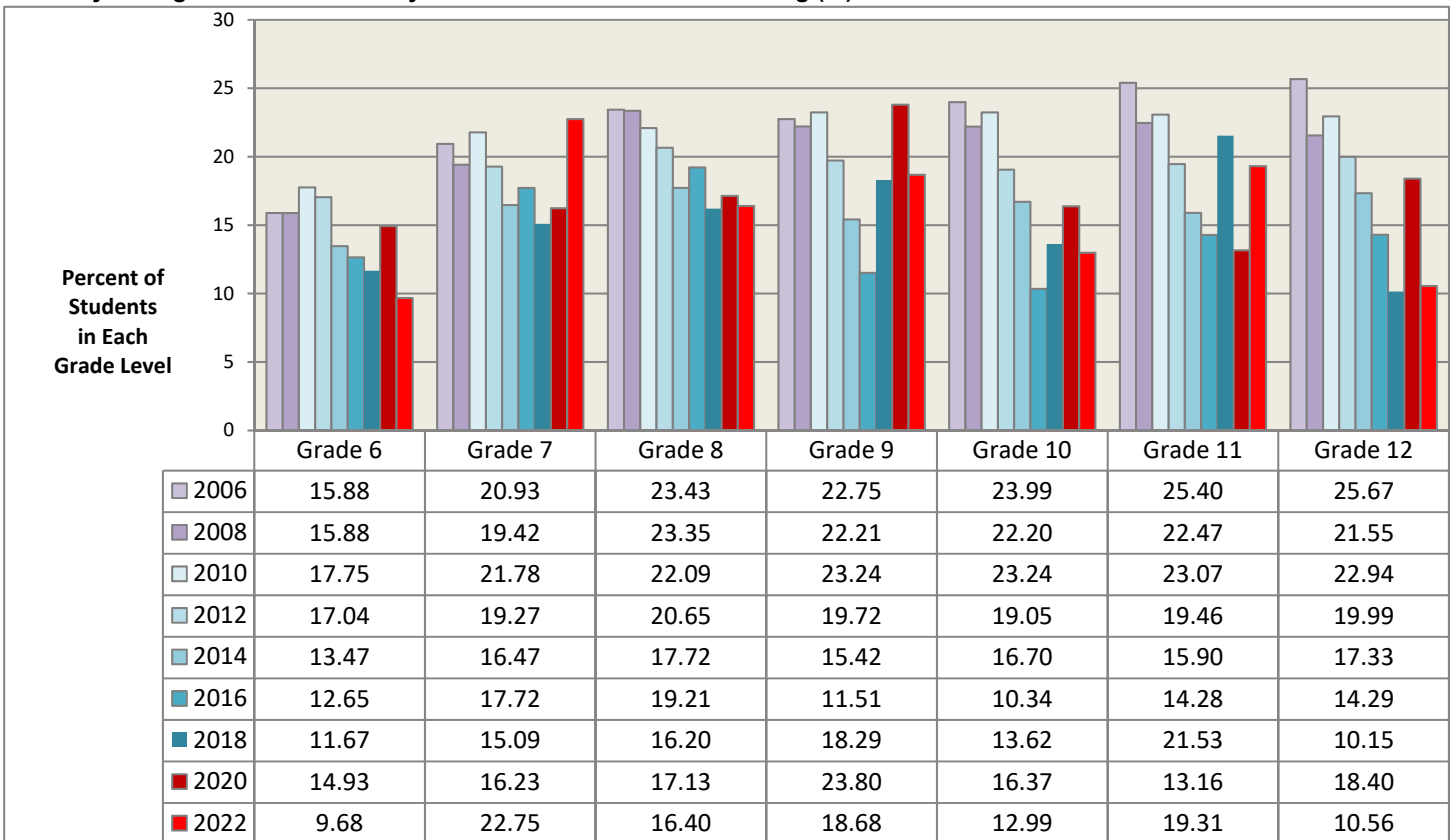
IMPAIRED DRIVING: MISSOURI STUDENTS IN GRADES 6-12

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



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

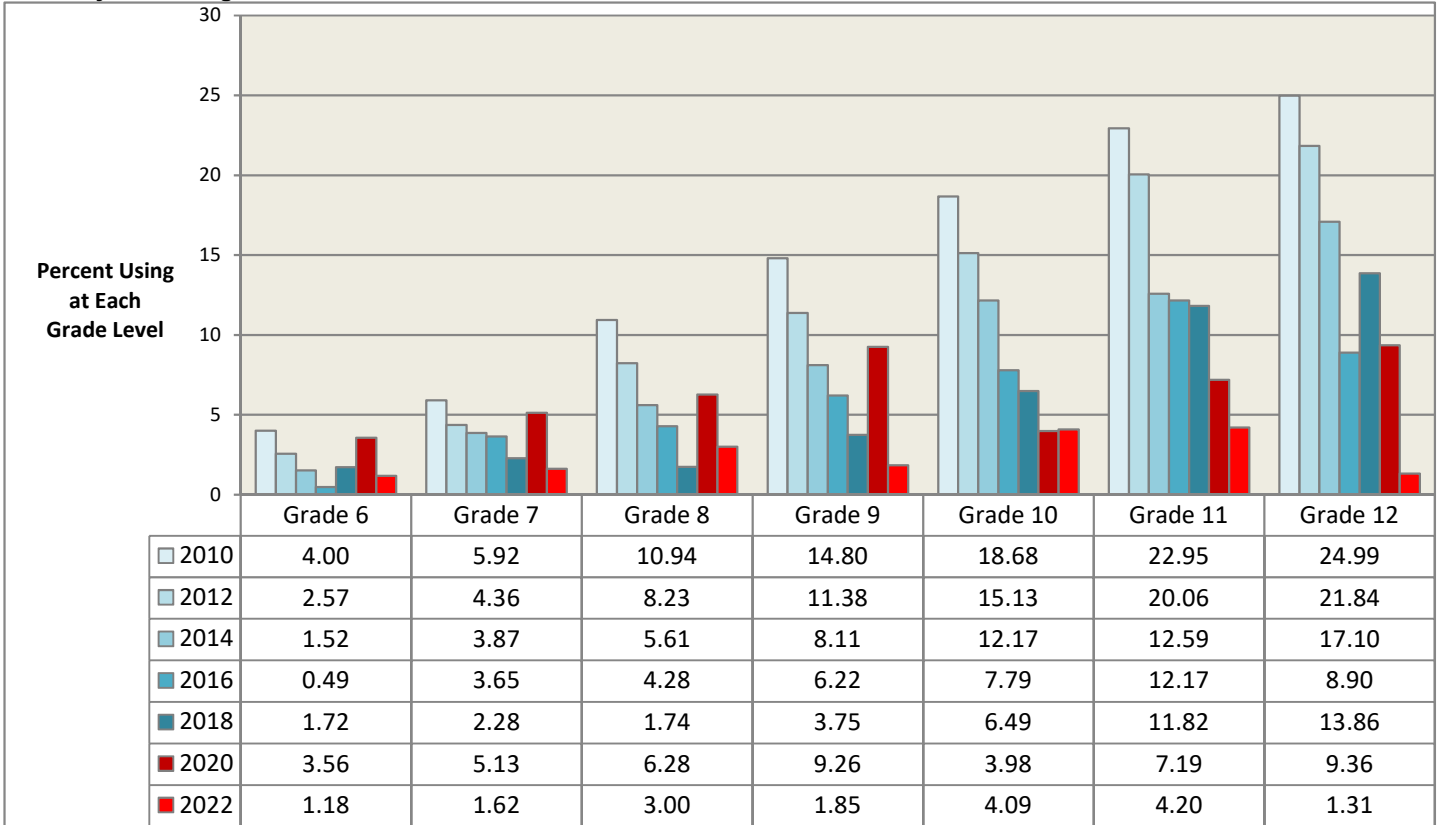
Past 30-Day Riding in Vehicle Driven by Someone Who Had Been Drinking (%): Missouri Students in Grades 6-12



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

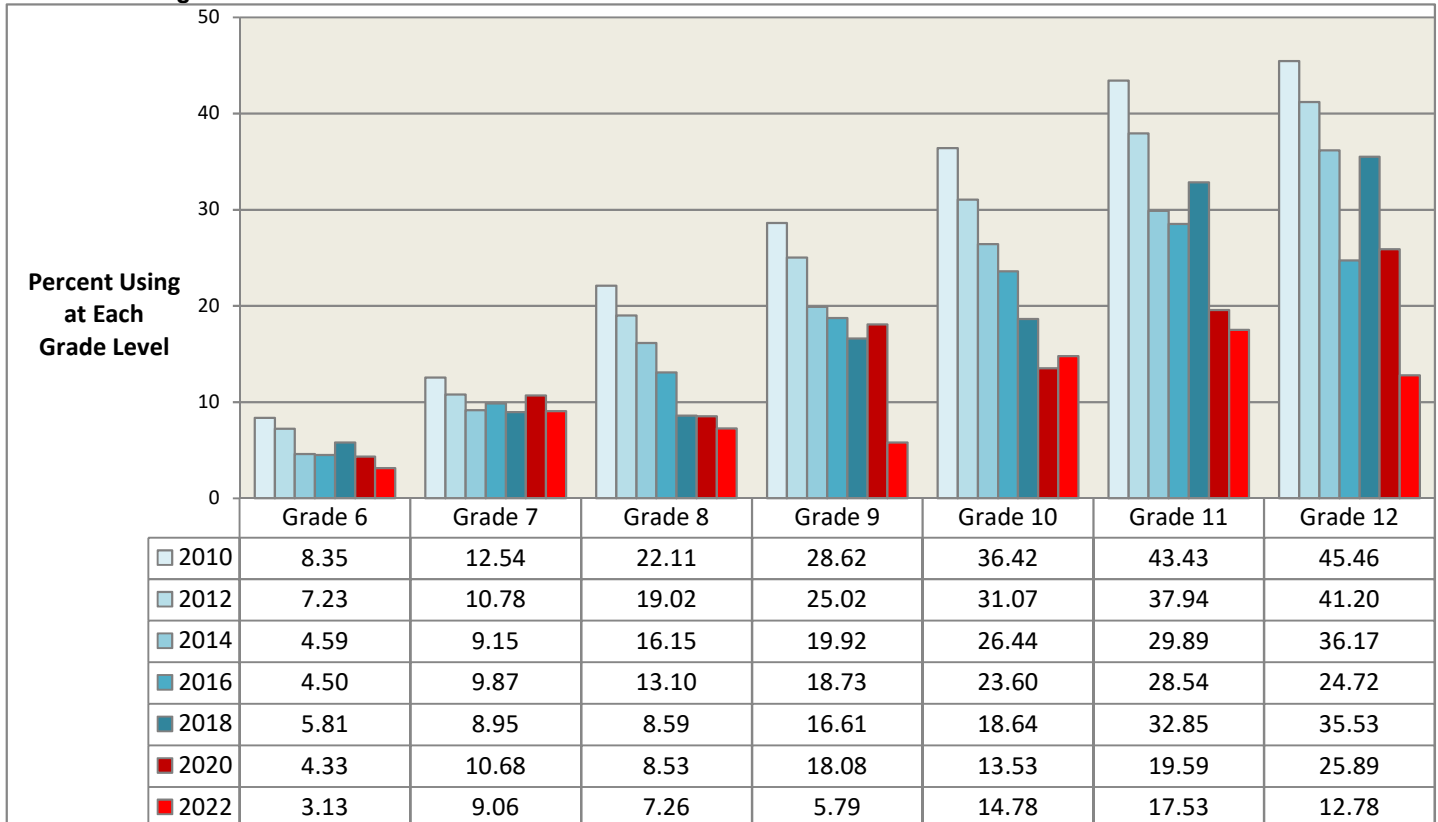
CIGARETTE USE: MISSOURI STUDENTS IN GRADES 6-12

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



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

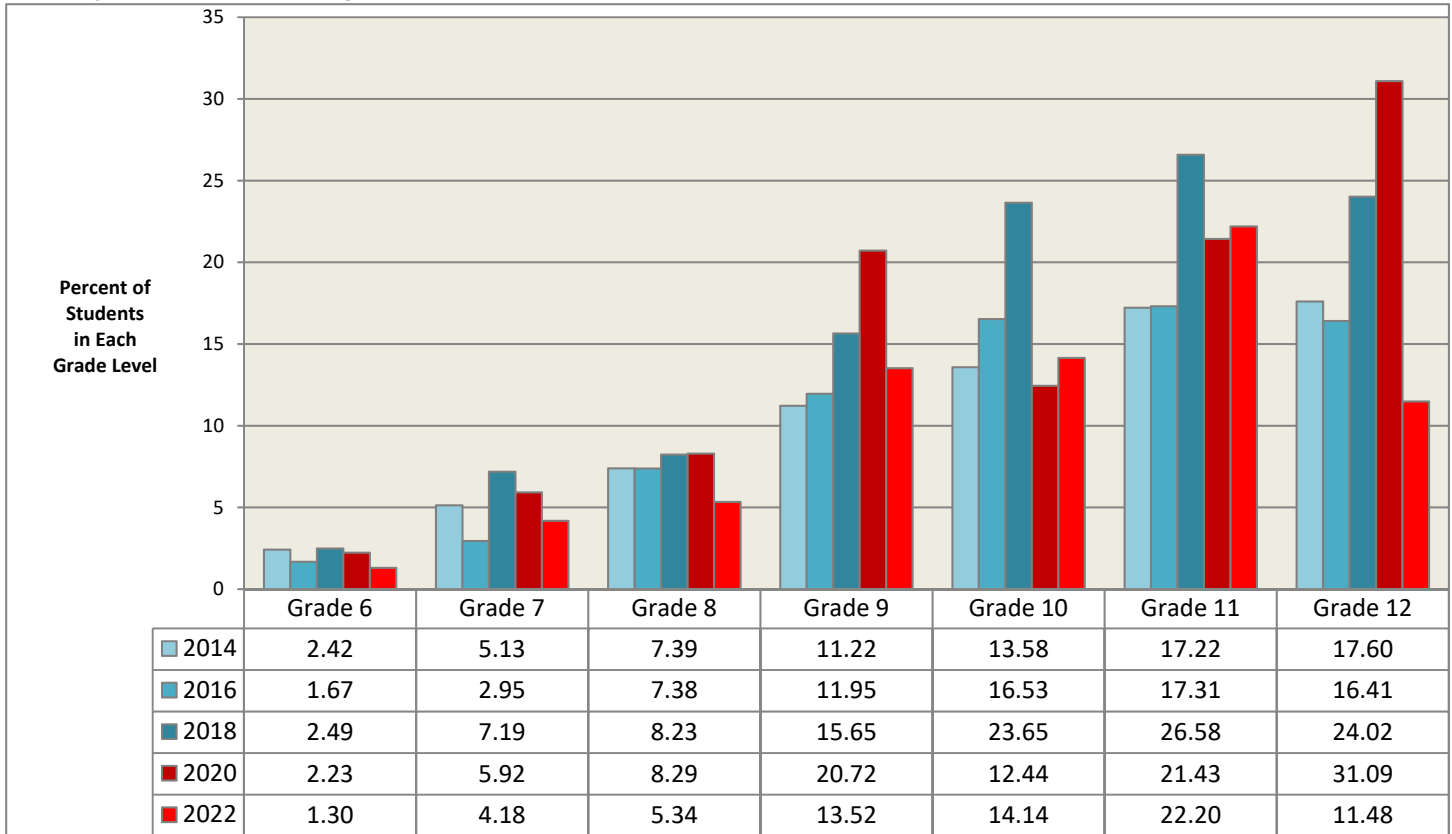
Lifetime Use of Cigarettes: Missouri Students in Grades 6-12



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

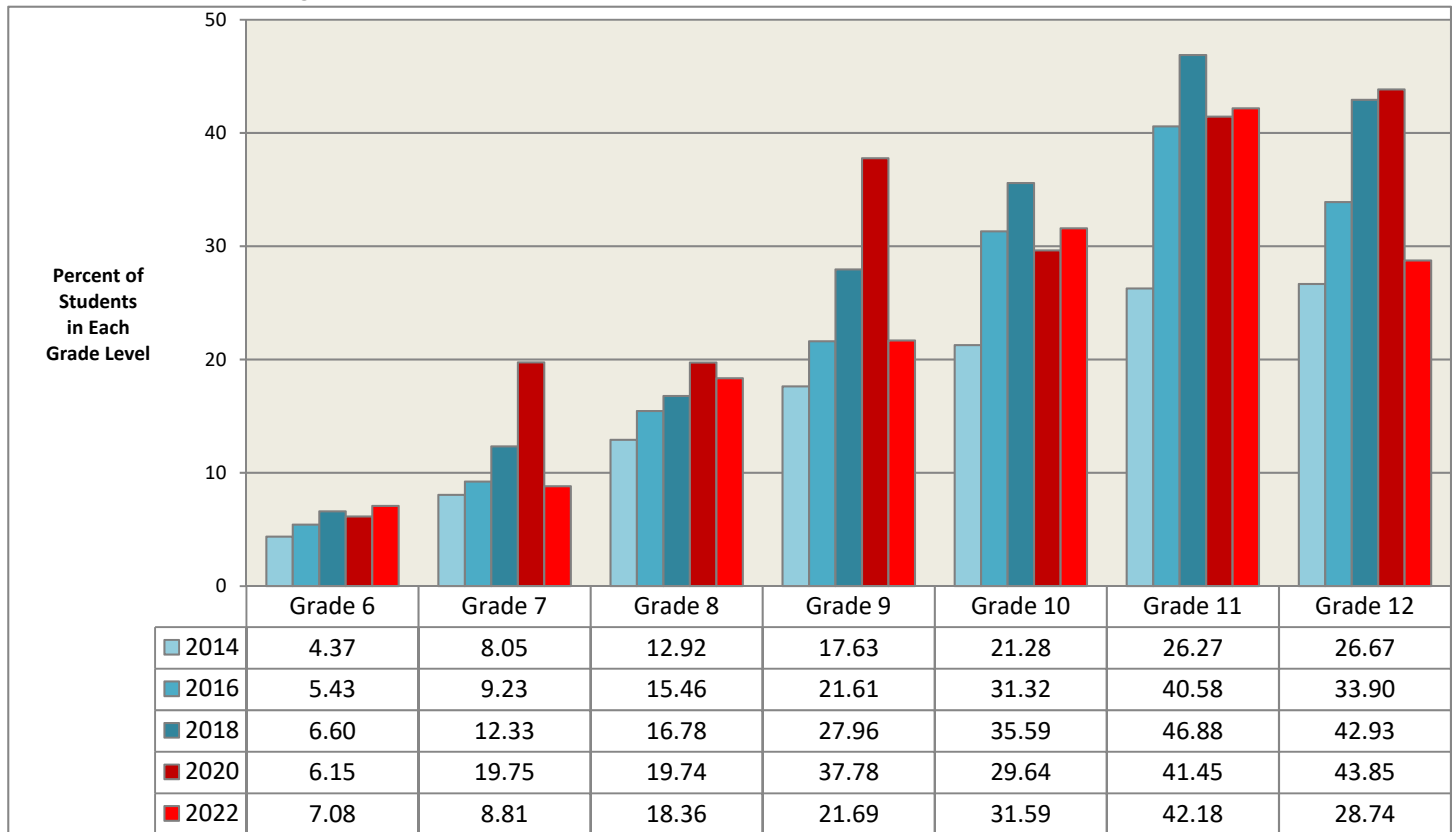
ELECTRONIC CIGARETTE USE: MISSOURI STUDENTS IN GRADES 6-12

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



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

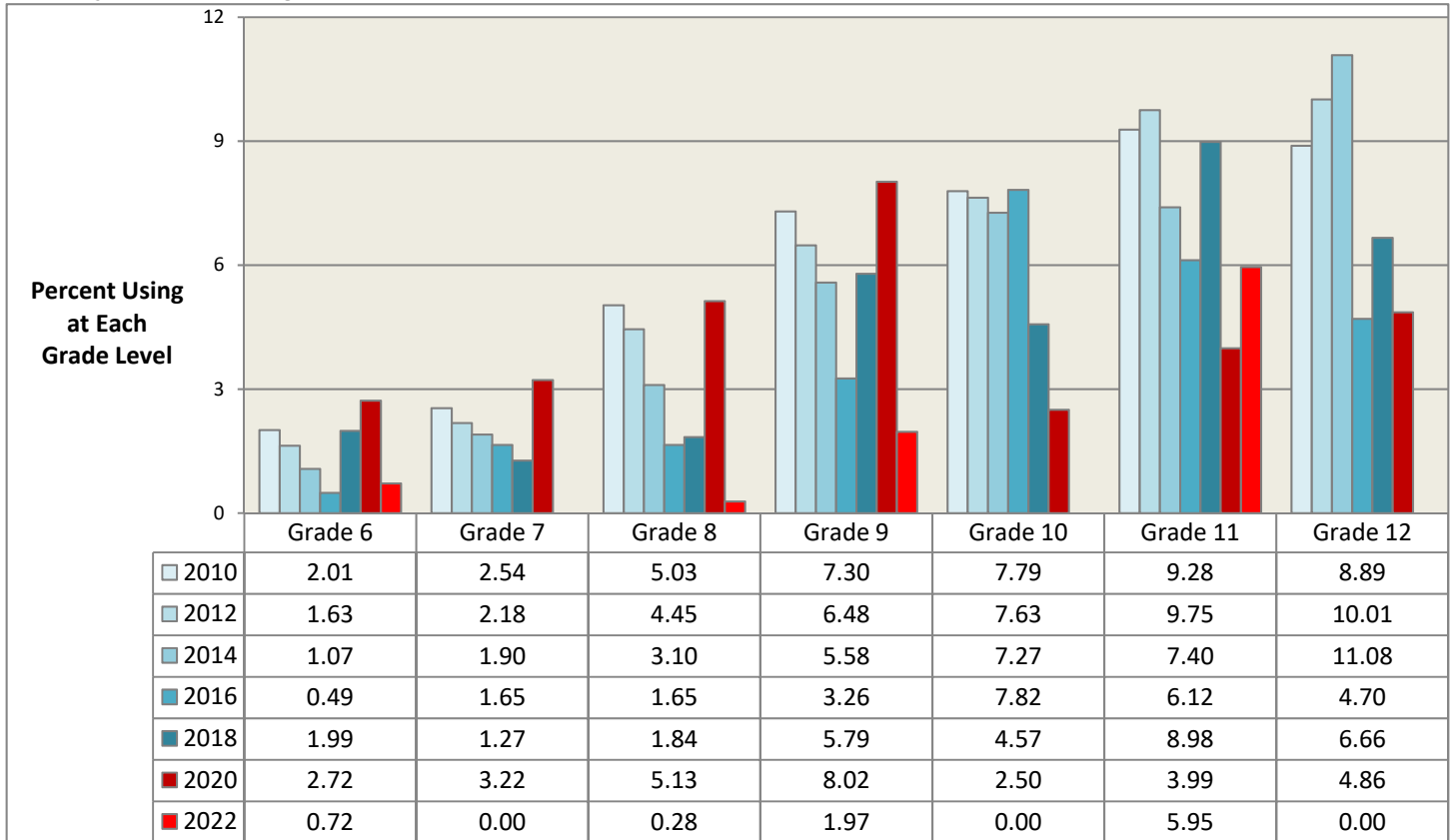
Lifetime Use of Electronic Cigarettes (%): Missouri Students in Grades 6-12



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

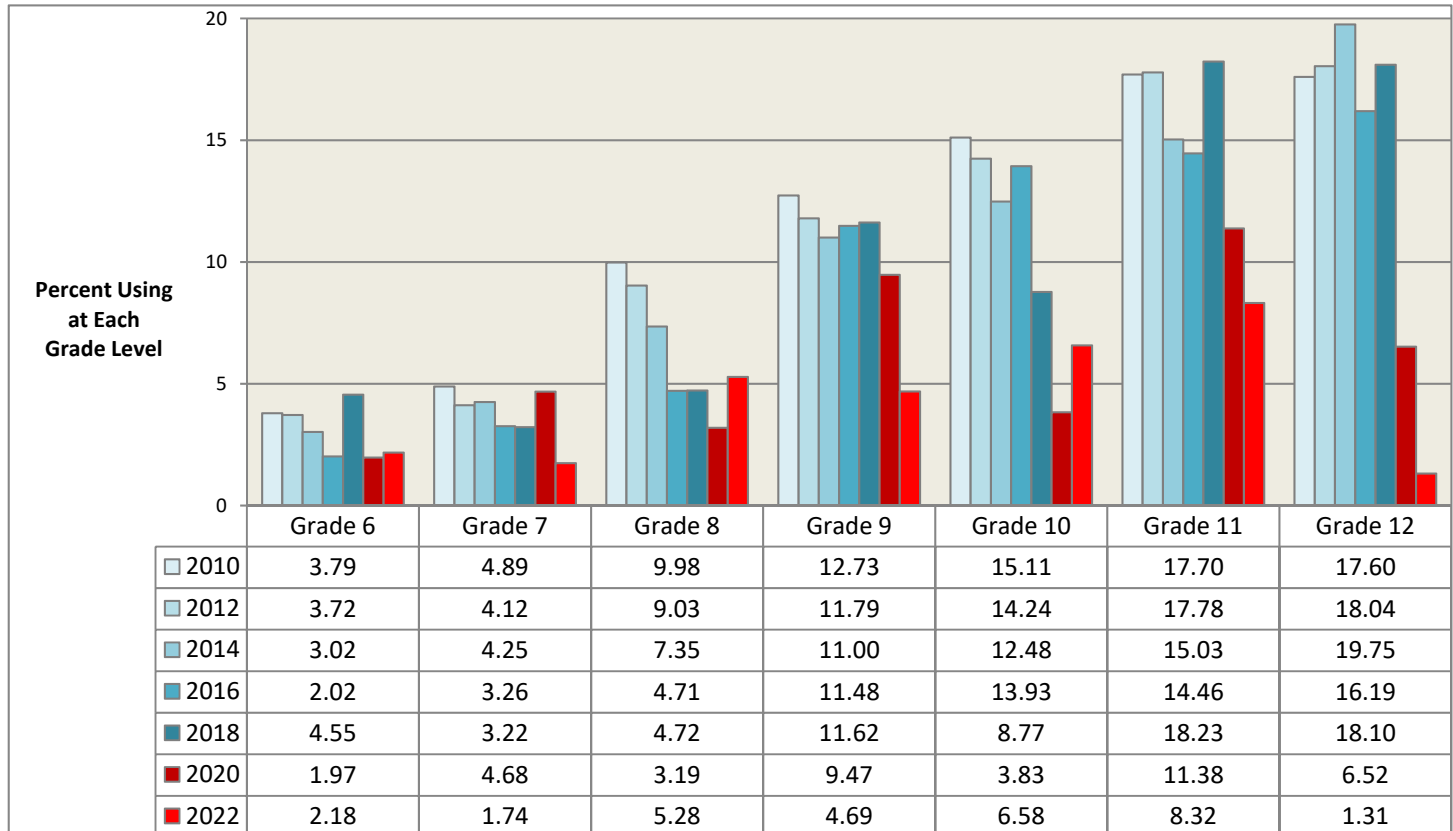
CHEWING TOBACCO USE: MISSOURI STUDENTS IN GRADES 6-12

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



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

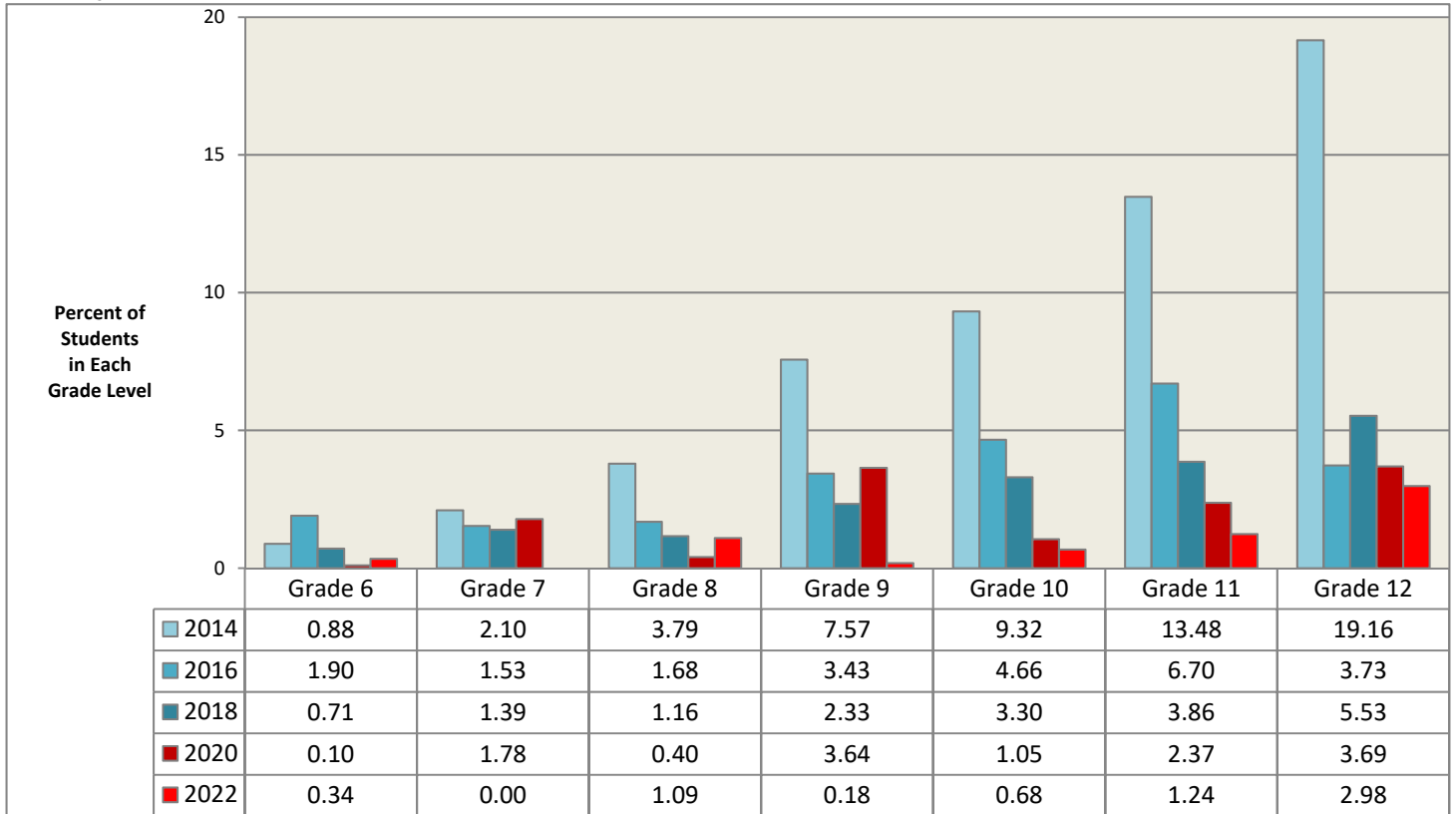
Lifetime Use of Chewing Tobacco: Missouri Students in Grades 6-12



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

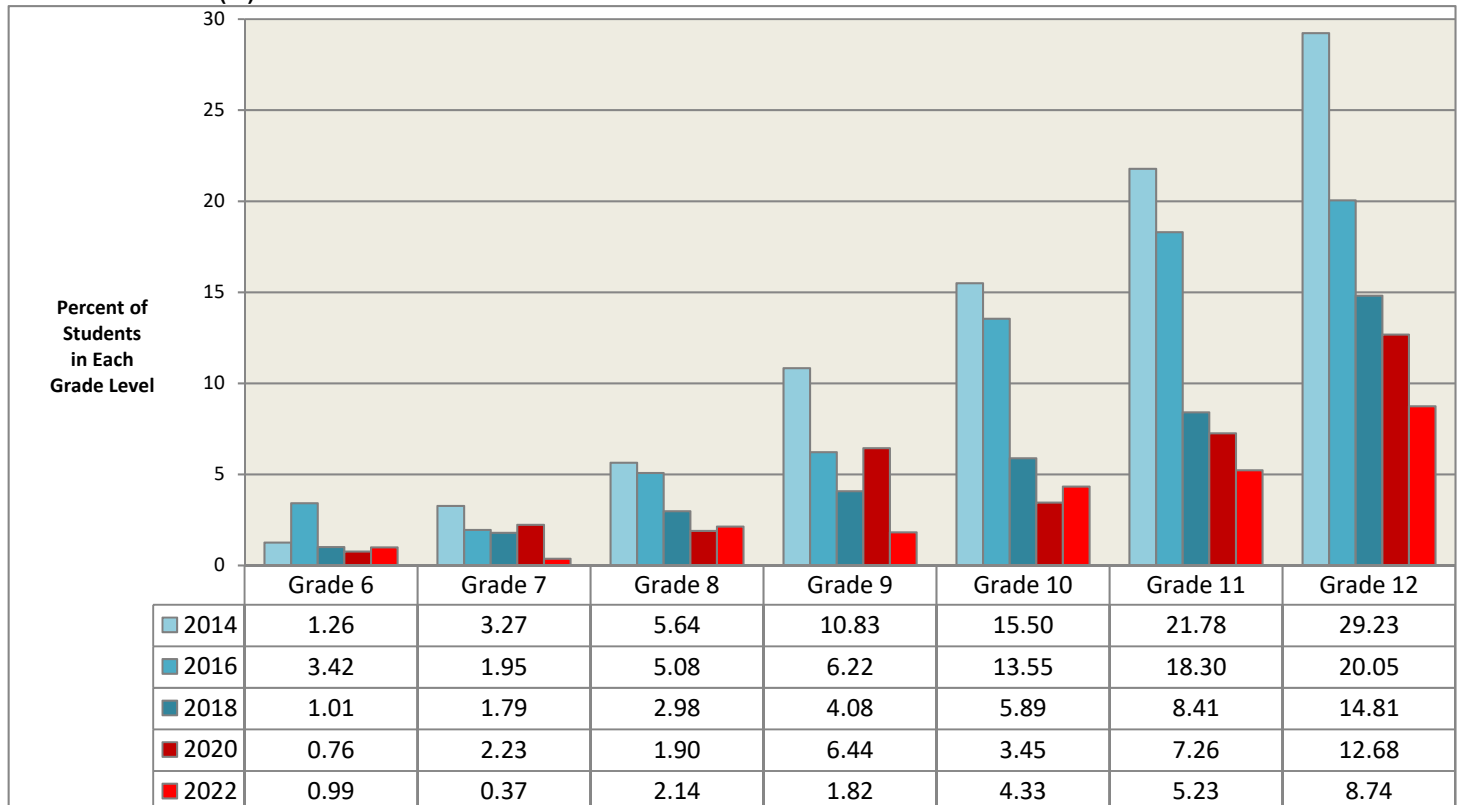
HOOKAH USE: MISSOURI STUDENTS IN GRADES 6-12

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



* In the Missouri Student Survey questionnaire, water pipes are referenced as hookahs.

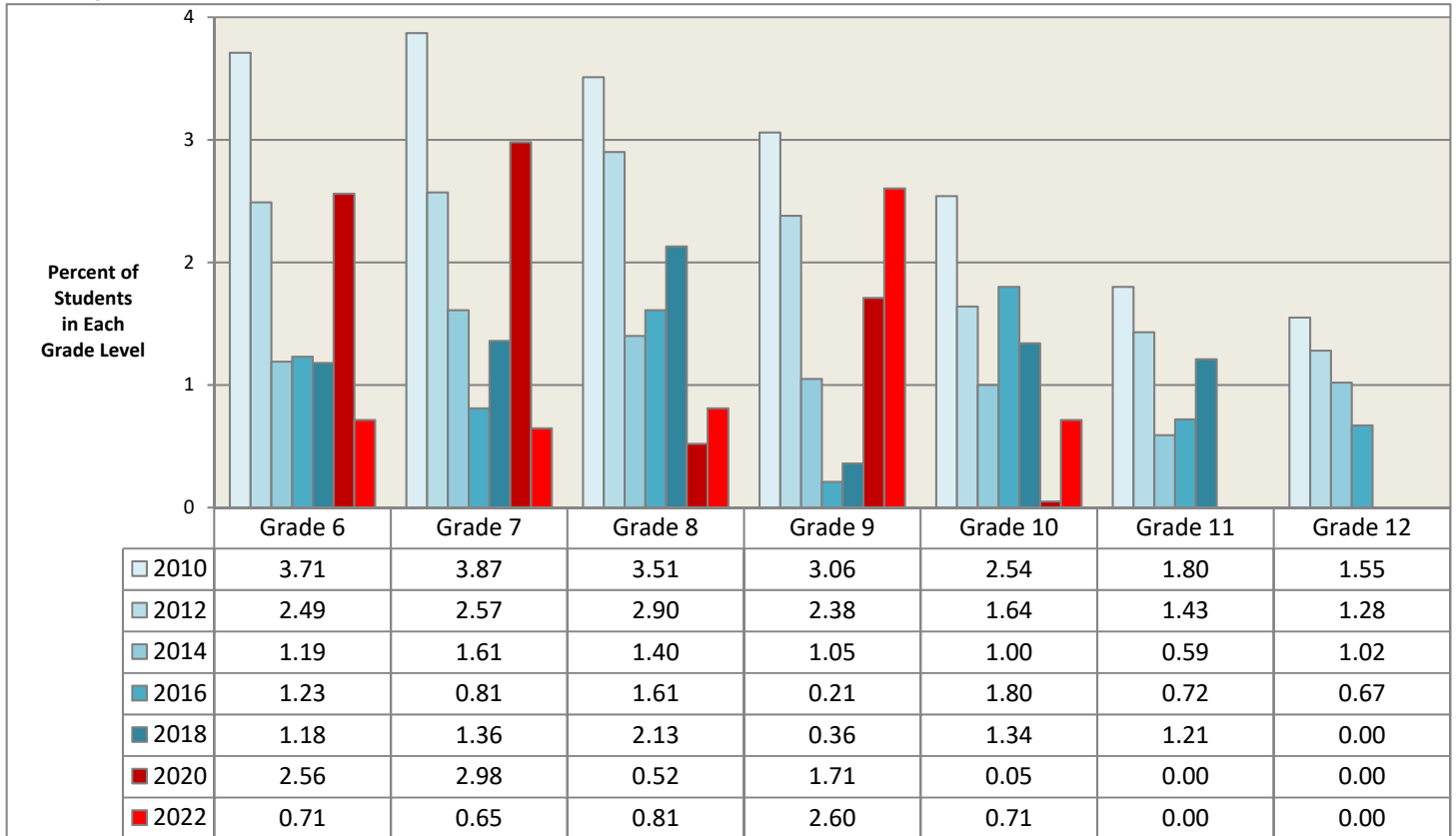
Lifetime Hookah Use (%): Missouri Students in Grades 6-12



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

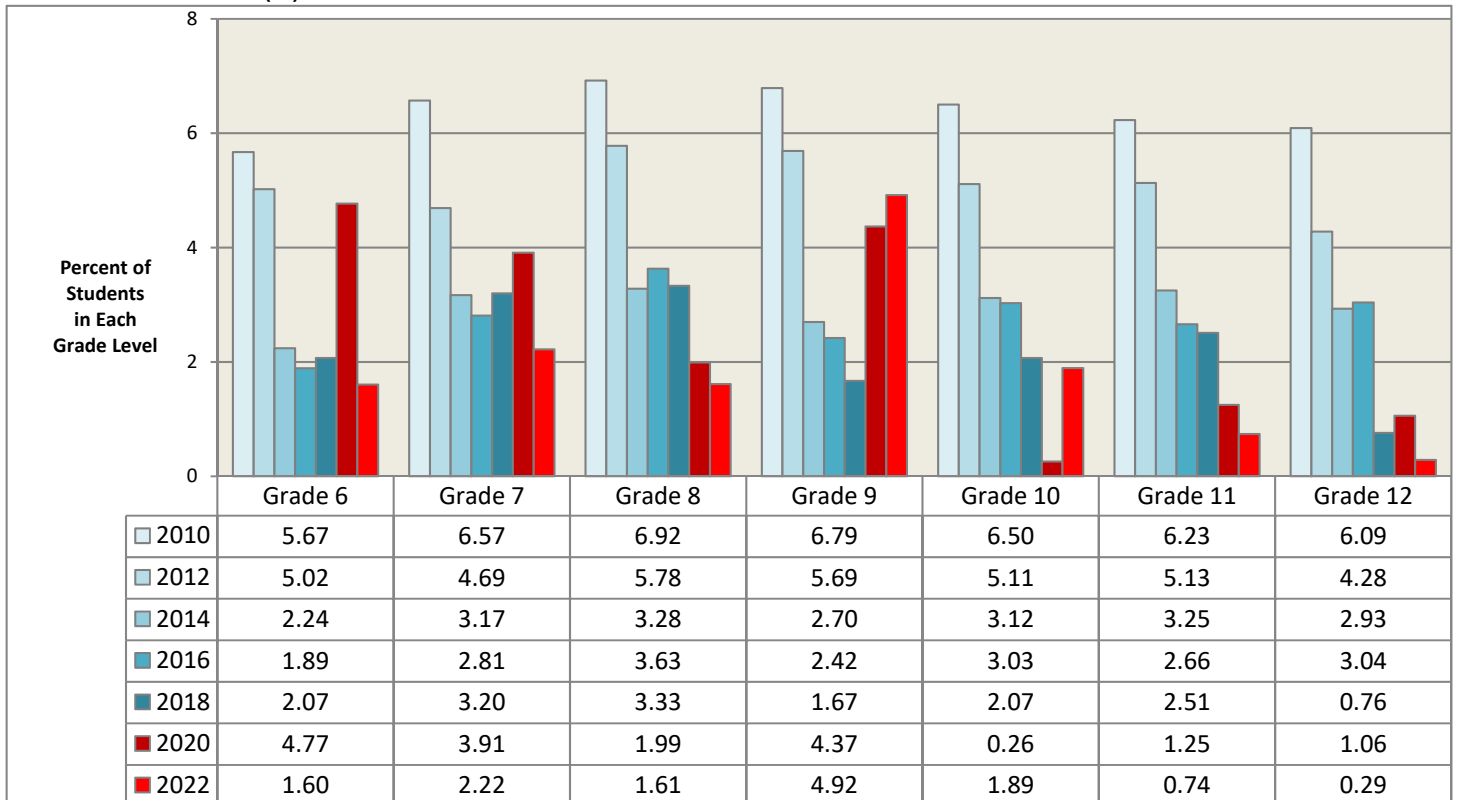
INHALANT USE: MISSOURI STUDENTS IN GRADES 6-12

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



* In the Missouri Student Survey questionnaire, gas in aerosol cans, whippets, gasoline, white out, glue, and marking pens are listed as examples of liquids, sprays, and gases that are inhaled.

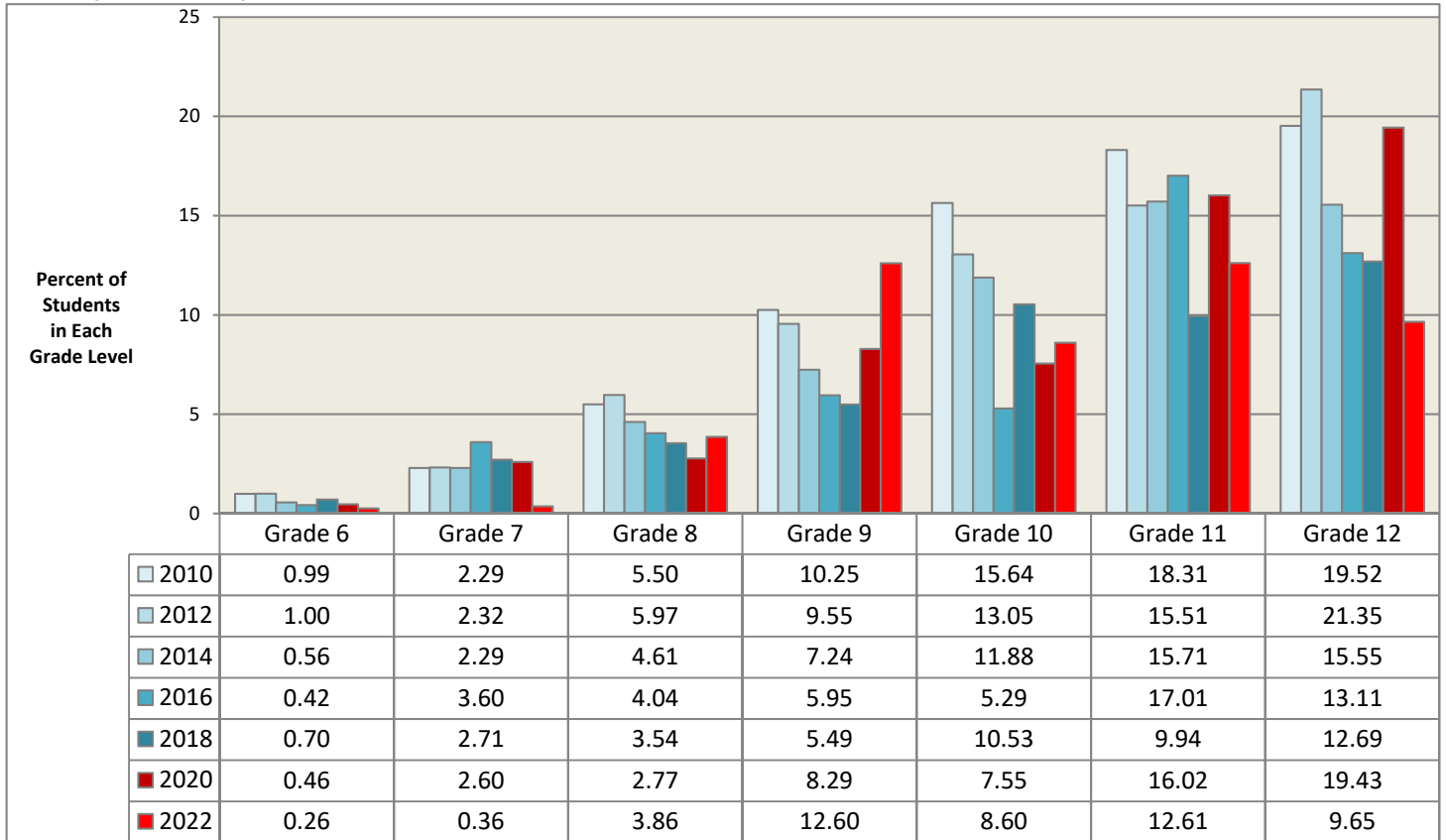
Lifetime Use of Inhalants (%): Missouri Students in Grades 6-12



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

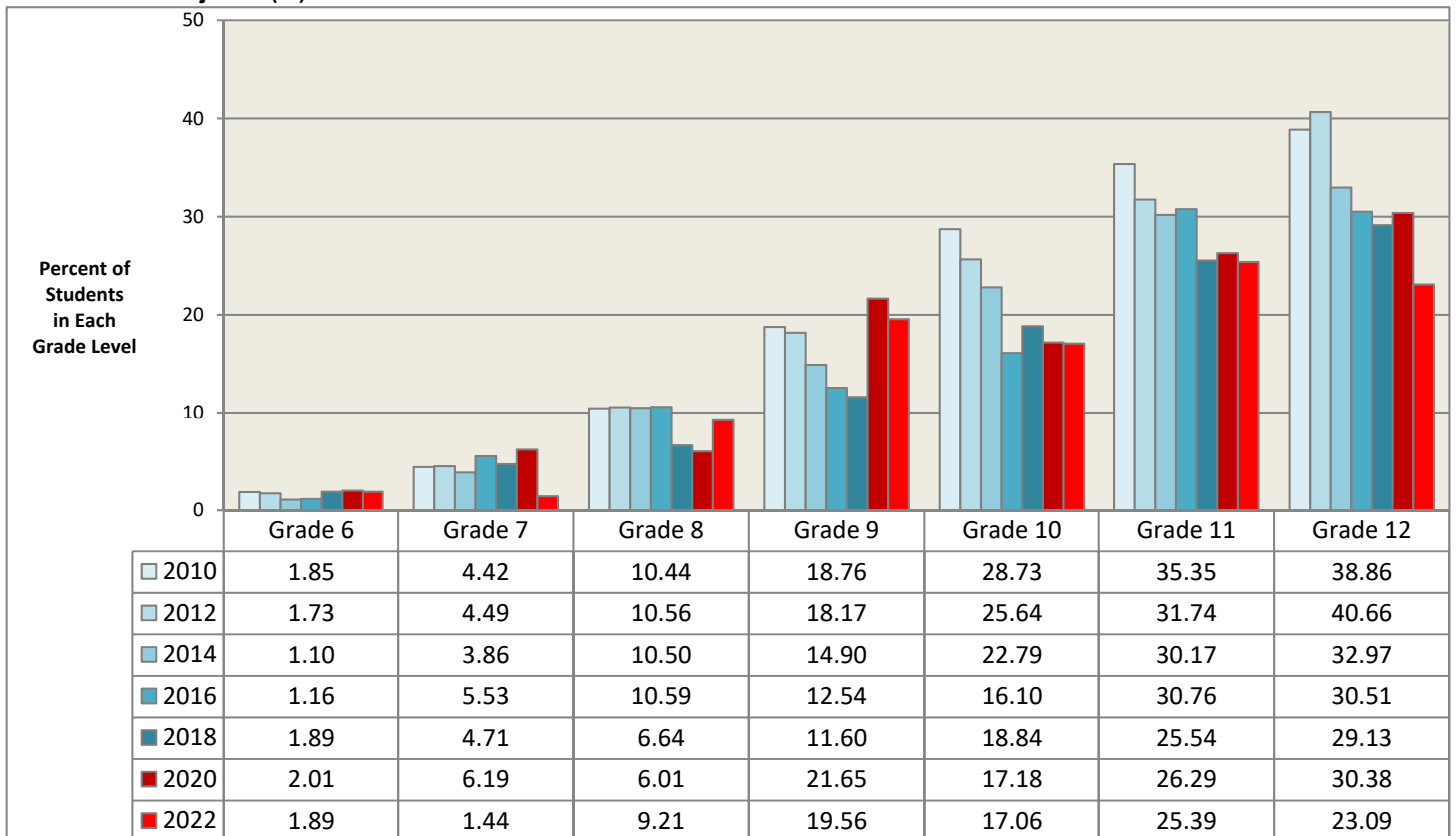
MARIJUANA USE: MISSOURI STUDENTS IN GRADES 6-12

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



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

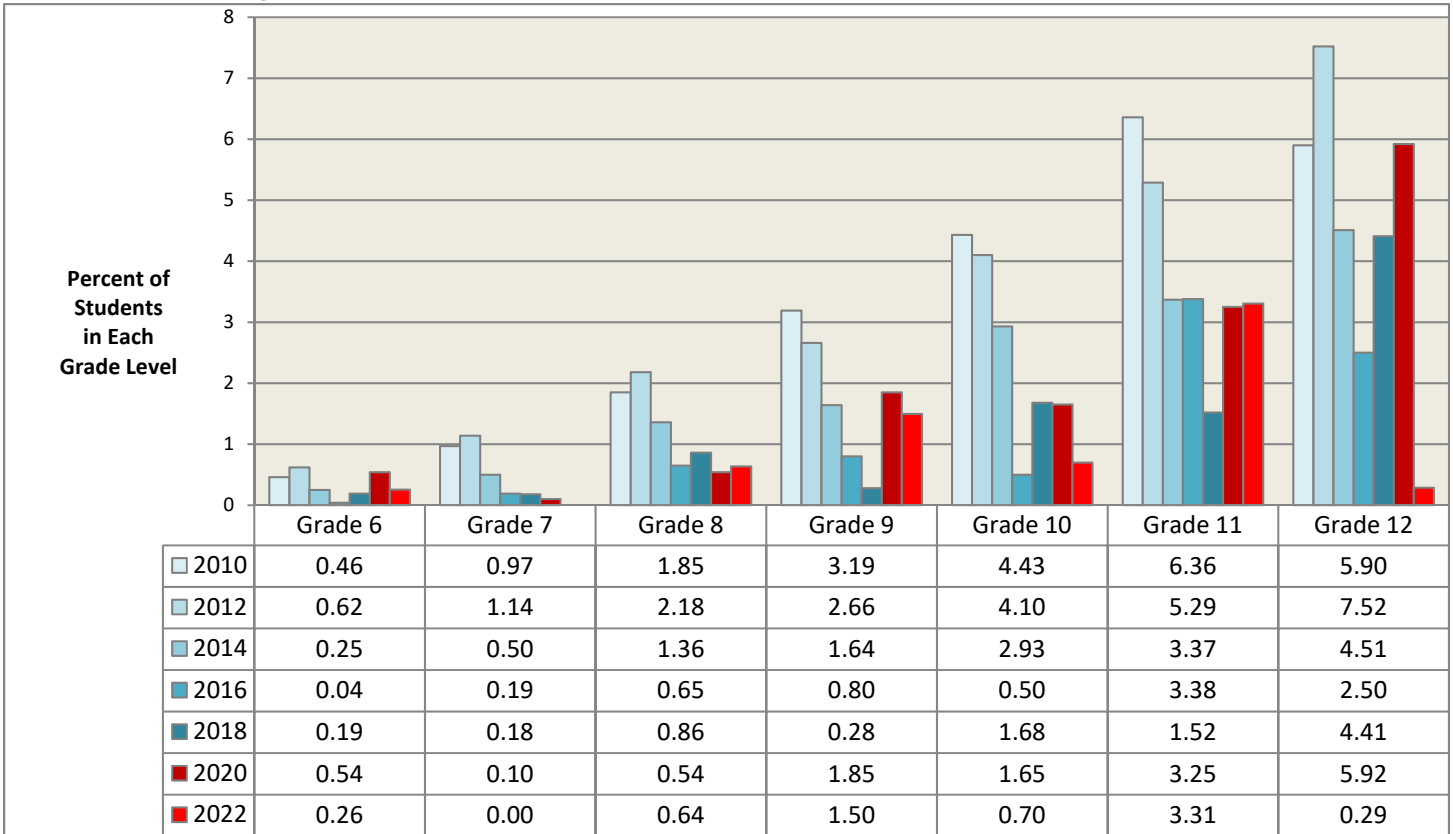
Lifetime Use of Marijuana (%): Missouri Students in Grades 6-12



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 *

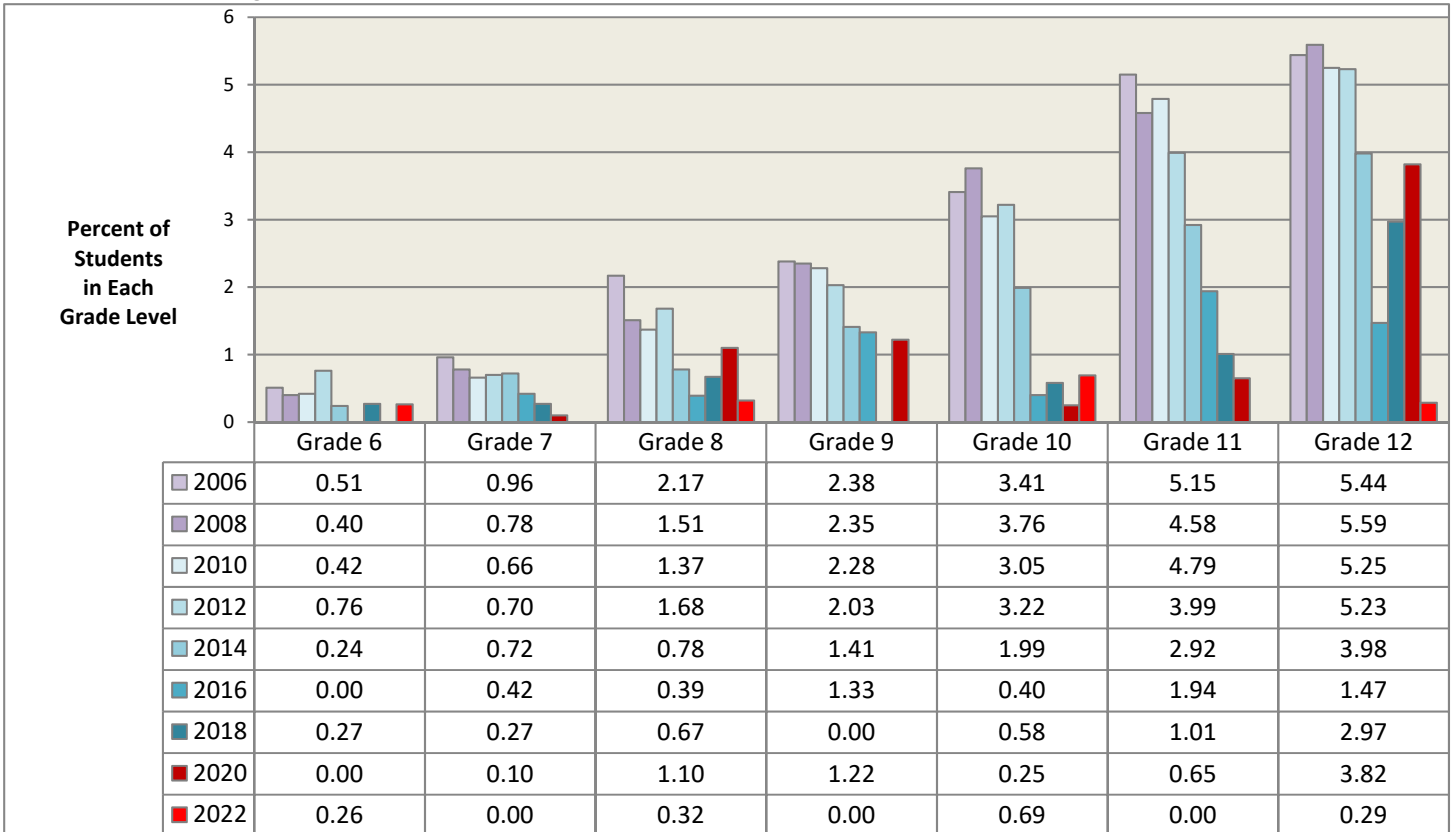


* In the Missouri Student Survey questionnaire, LSD (acid), PCP (angel dust), Magic Mushrooms, Mescaline, Peyote, and Psilocybin are listed as examples of hallucinogens.

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

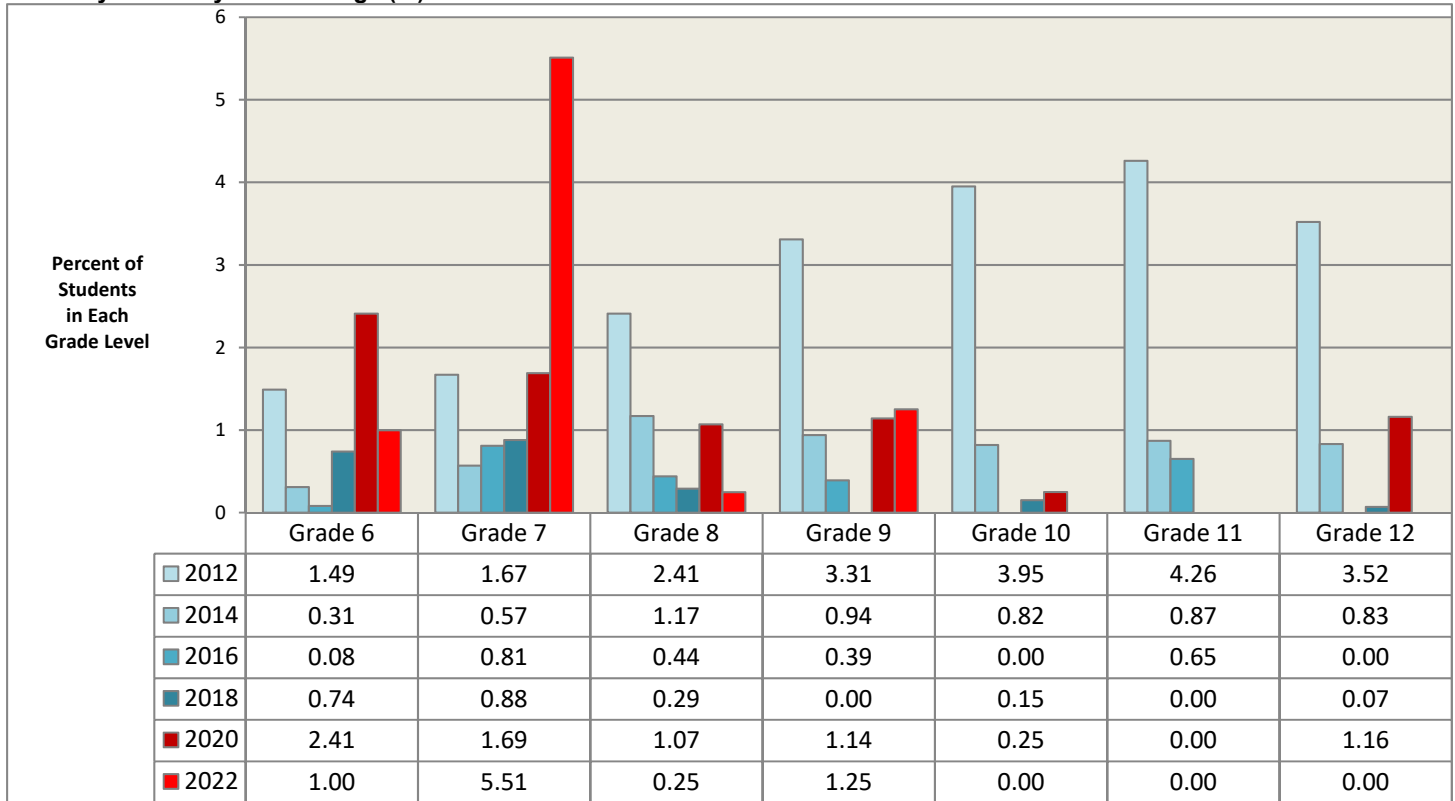


* In the Missouri Student Survey questionnaire, MDMA (molly, ecstasy, X, E), GHB (G), Rohypnol (roofie), and Ketamine (Special K) are listed as examples of club drugs.

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

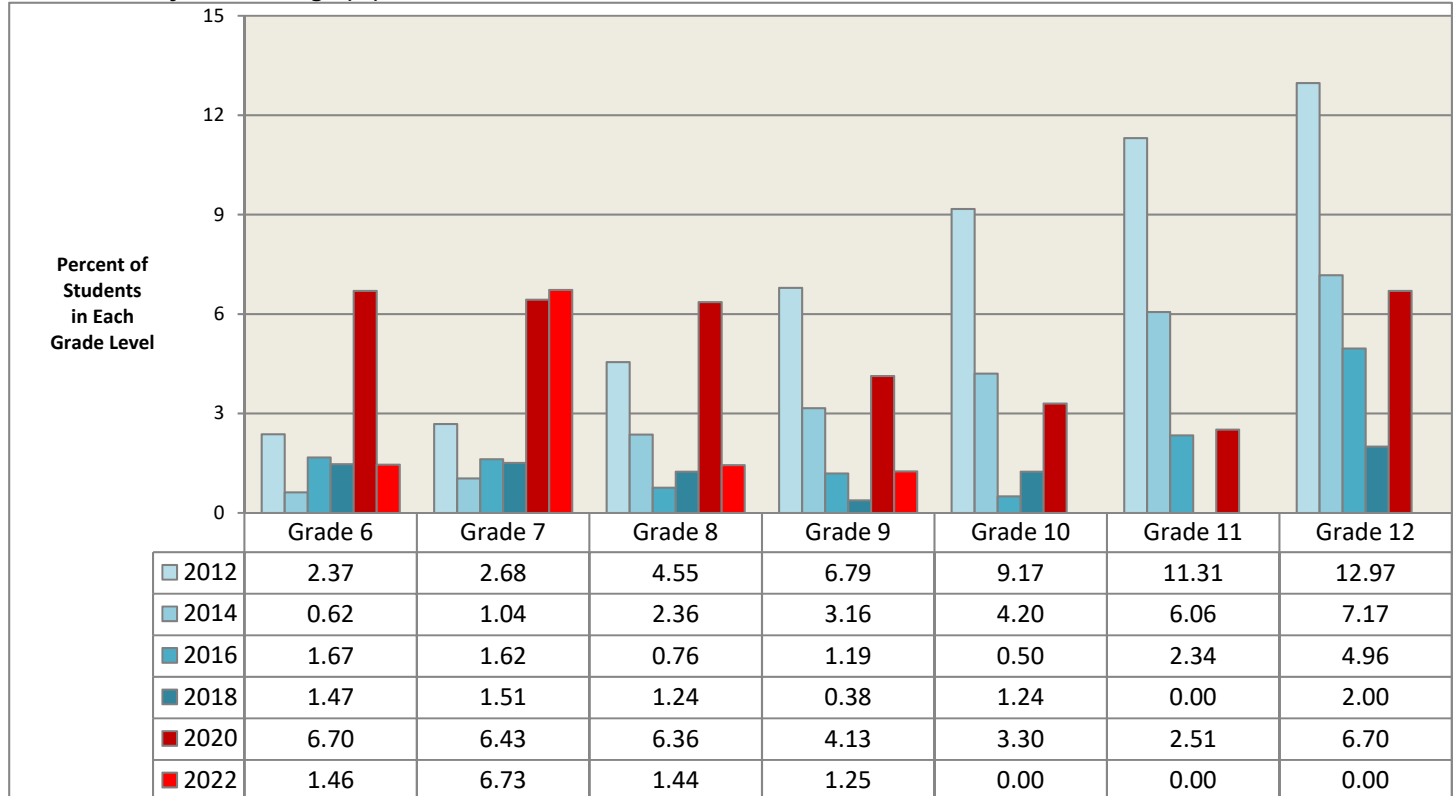
SYNTHETIC DRUG USE: MISSOURI STUDENTS IN GRADES 6-12

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



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

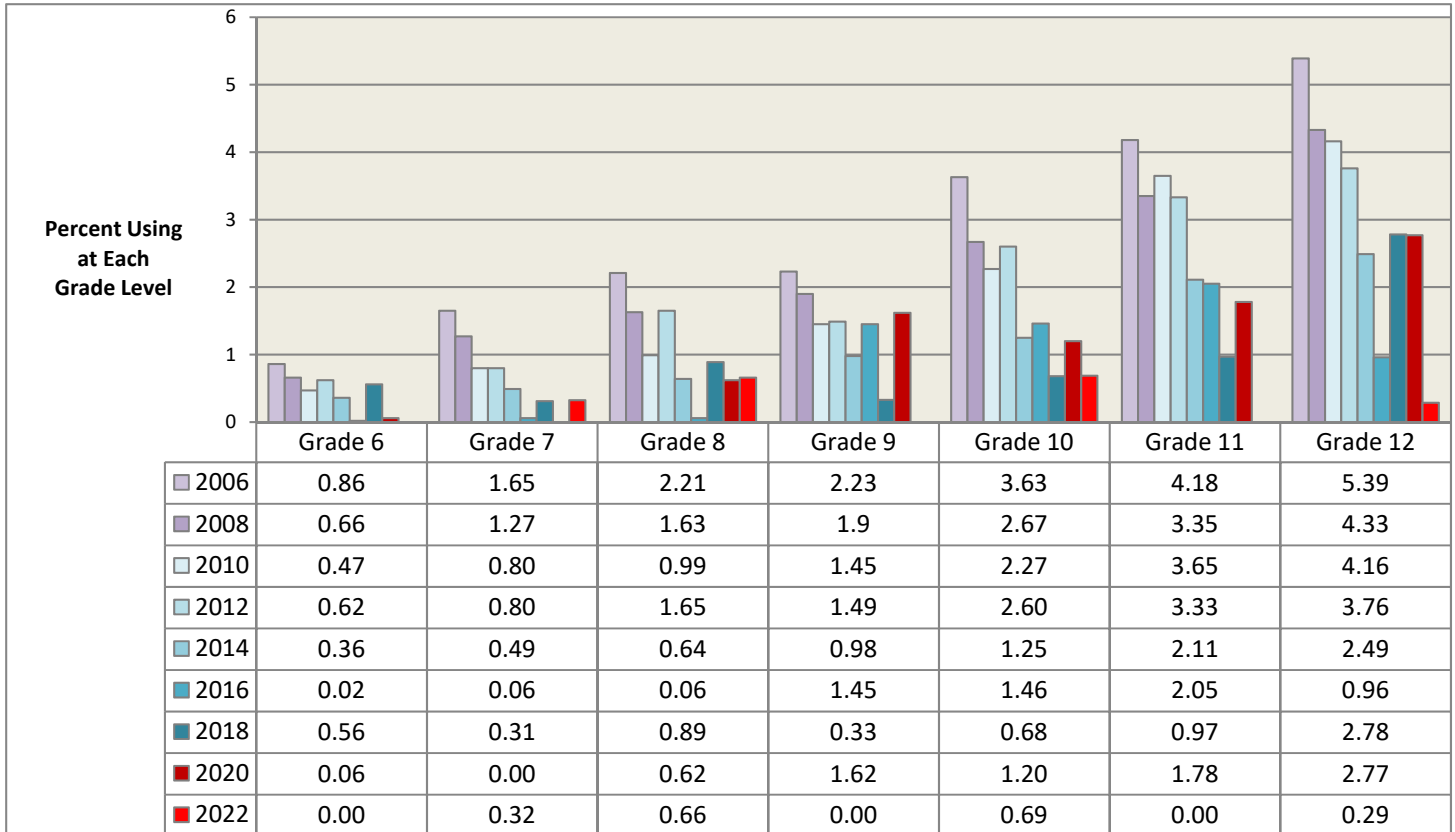
Lifetime Use of Synthetic Drugs (%): Missouri Students in Grades 6-12



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

COCAINE USE: MISSOURI STUDENTS IN GRADES 6-12

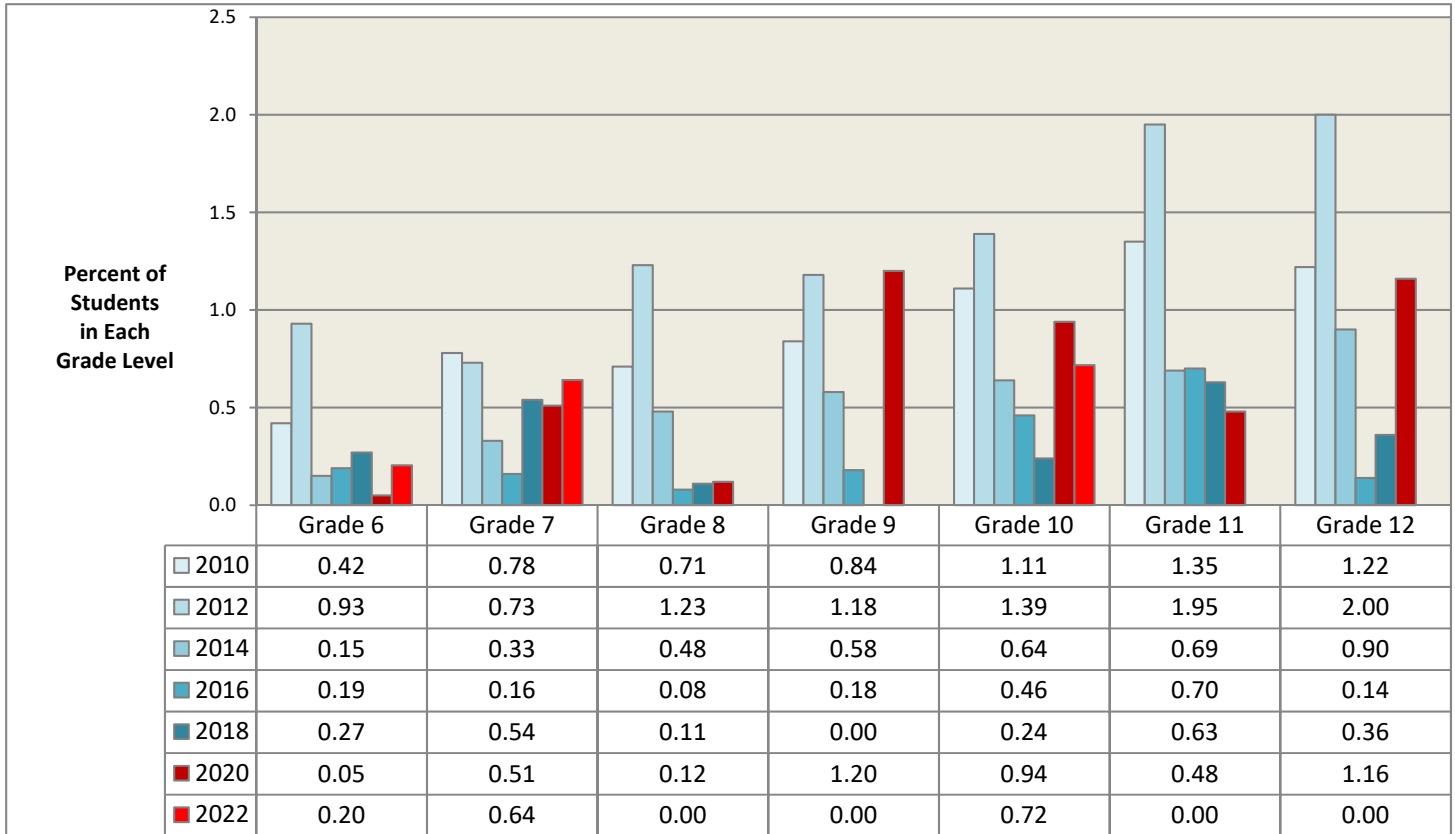
Lifetime Use of Cocaine: Missouri Students in Grades 6-12



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

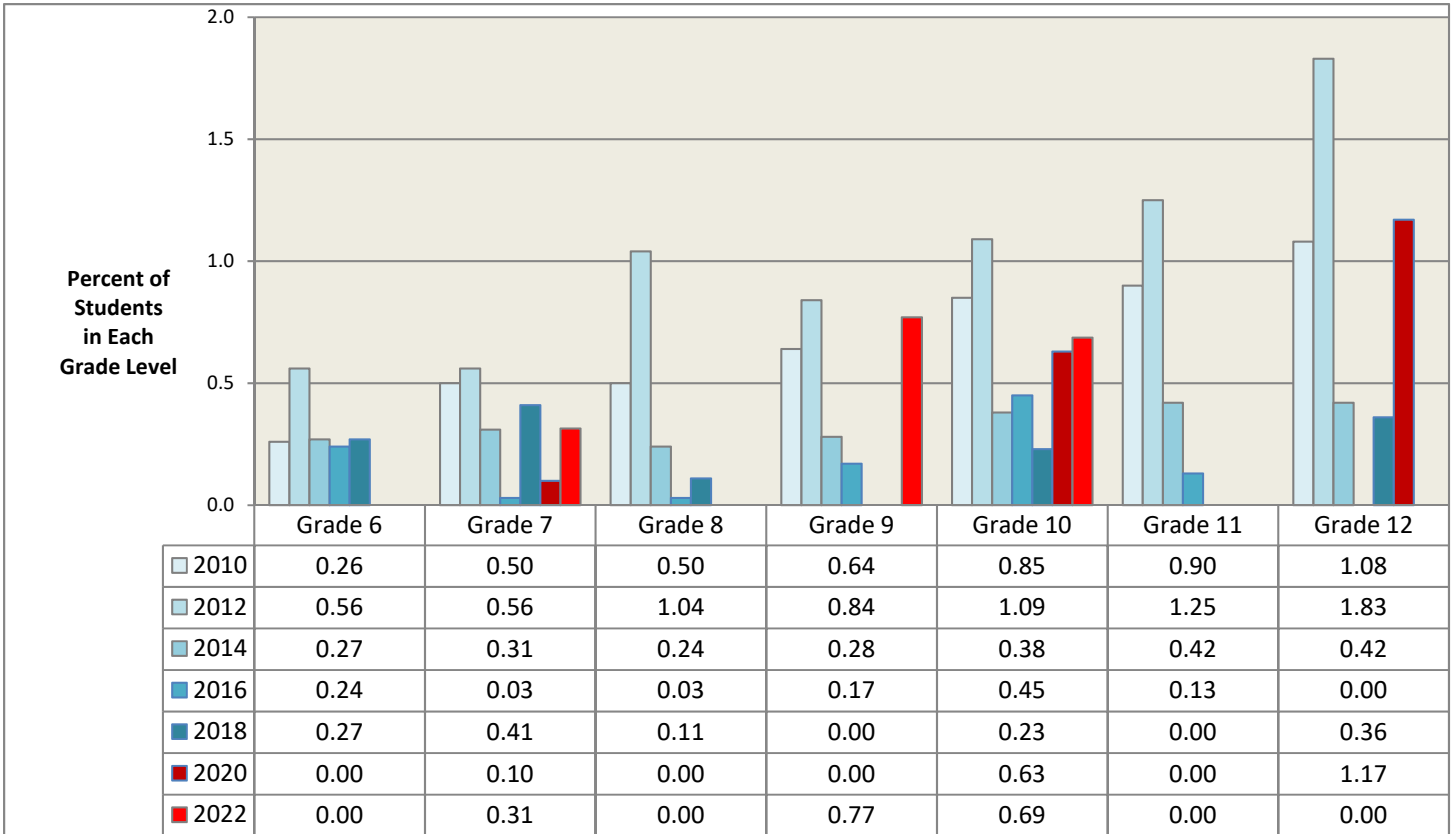


* In the Missouri Student Survey questionnaire, meth, crank, crystal, and ice are listed as examples of methamphetamine.

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

HEROIN USE: MISSOURI STUDENTS IN GRADES 6-12

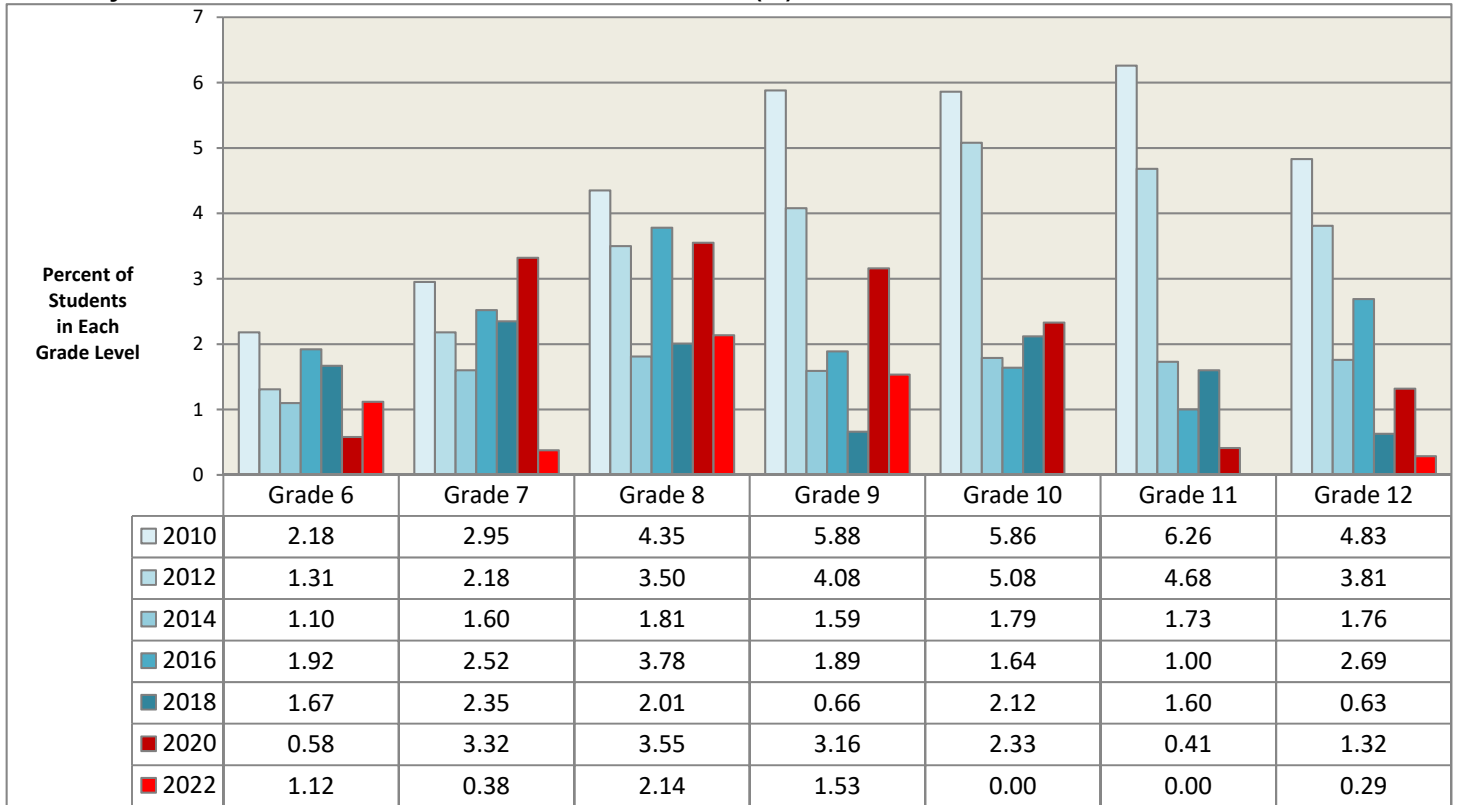
Lifetime Use of Heroin (%): Missouri Students in Grades 6-12



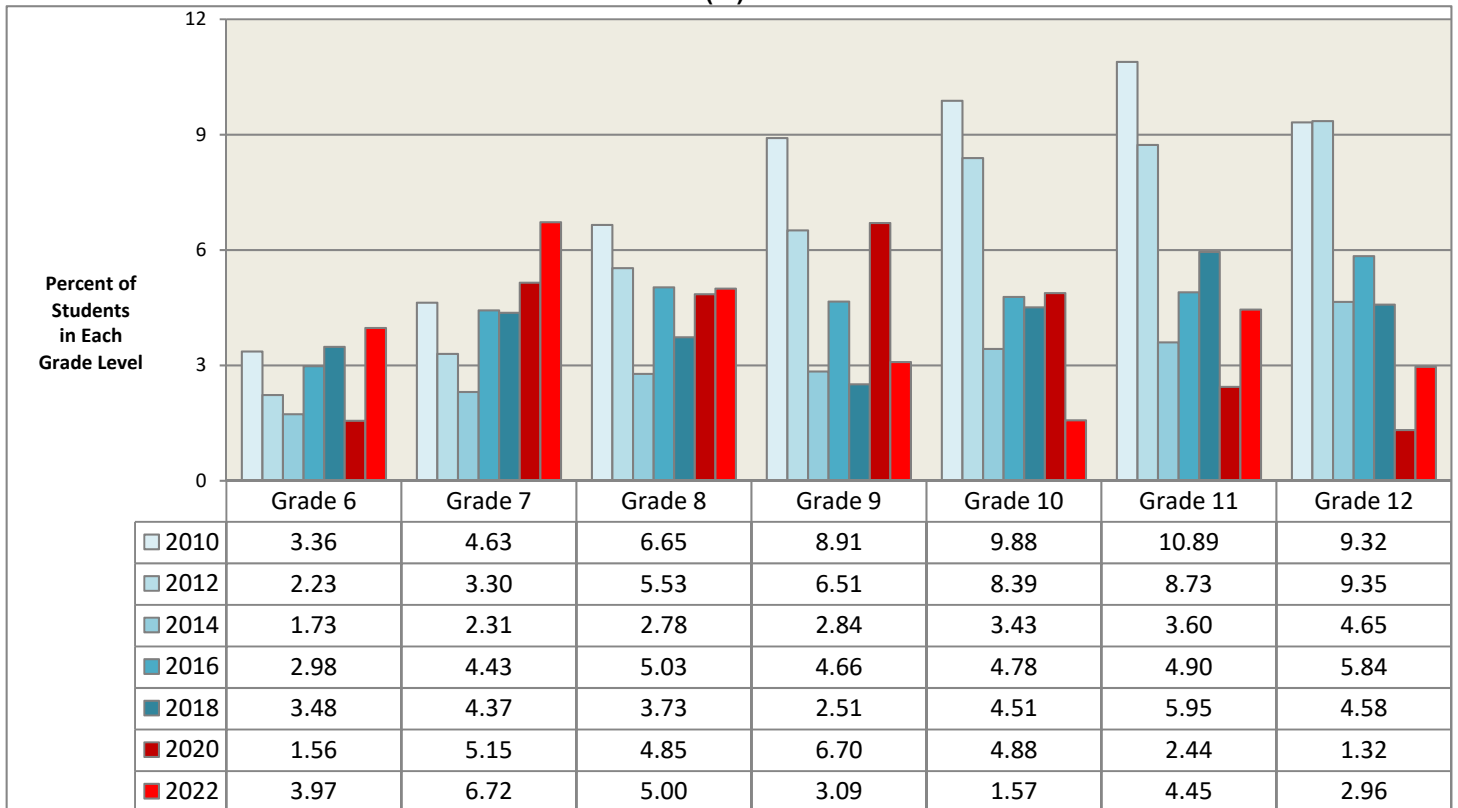
Data Source: Missouri Institute of Mental Health. Missouri Student Survey. Data are weighted.

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



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

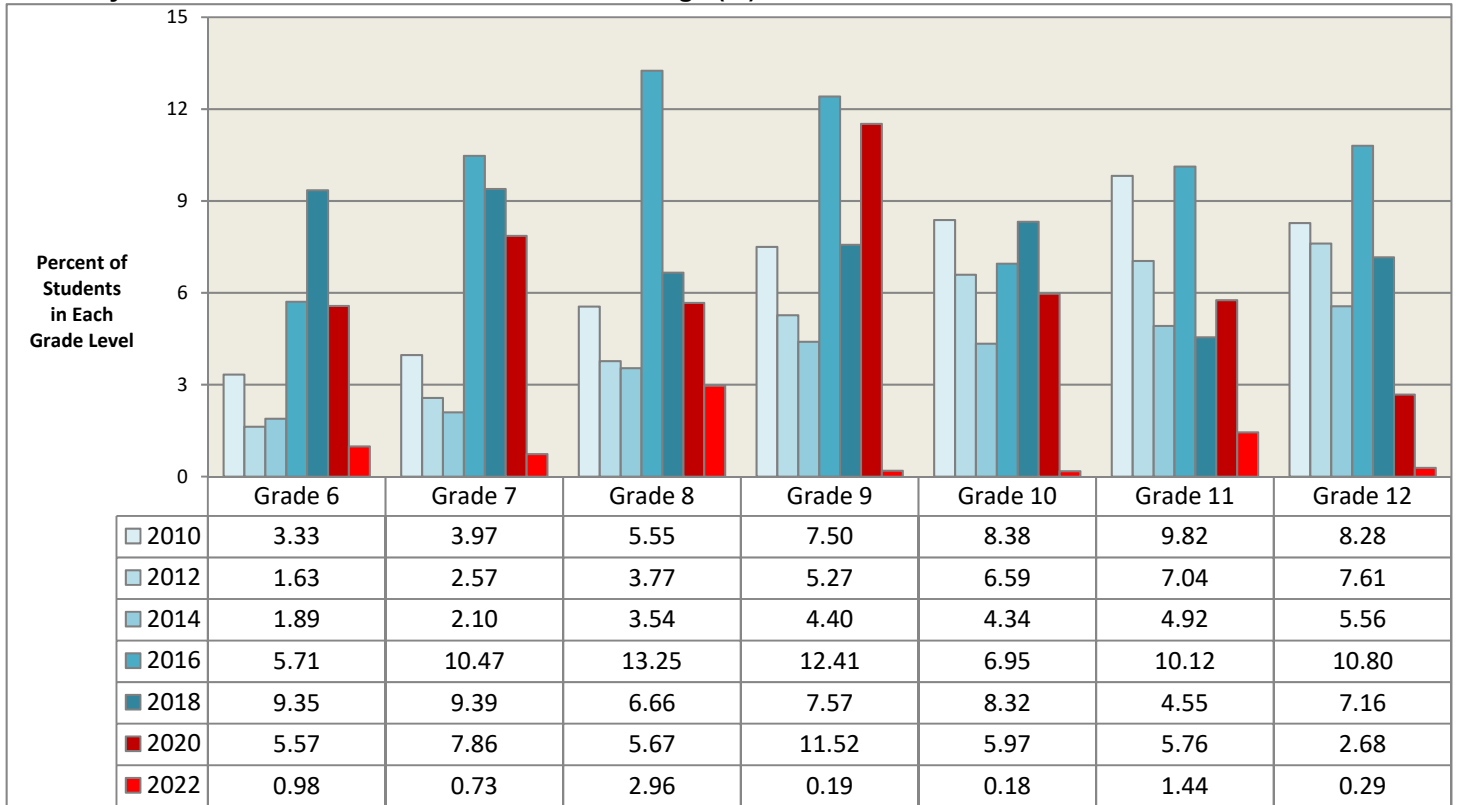


Note: In the Missouri Student Survey questionnaire, Coricidin Cough, Sudafed, TheraFlu, and Tylenol Cough are listed as examples of over-the-counter medicines.

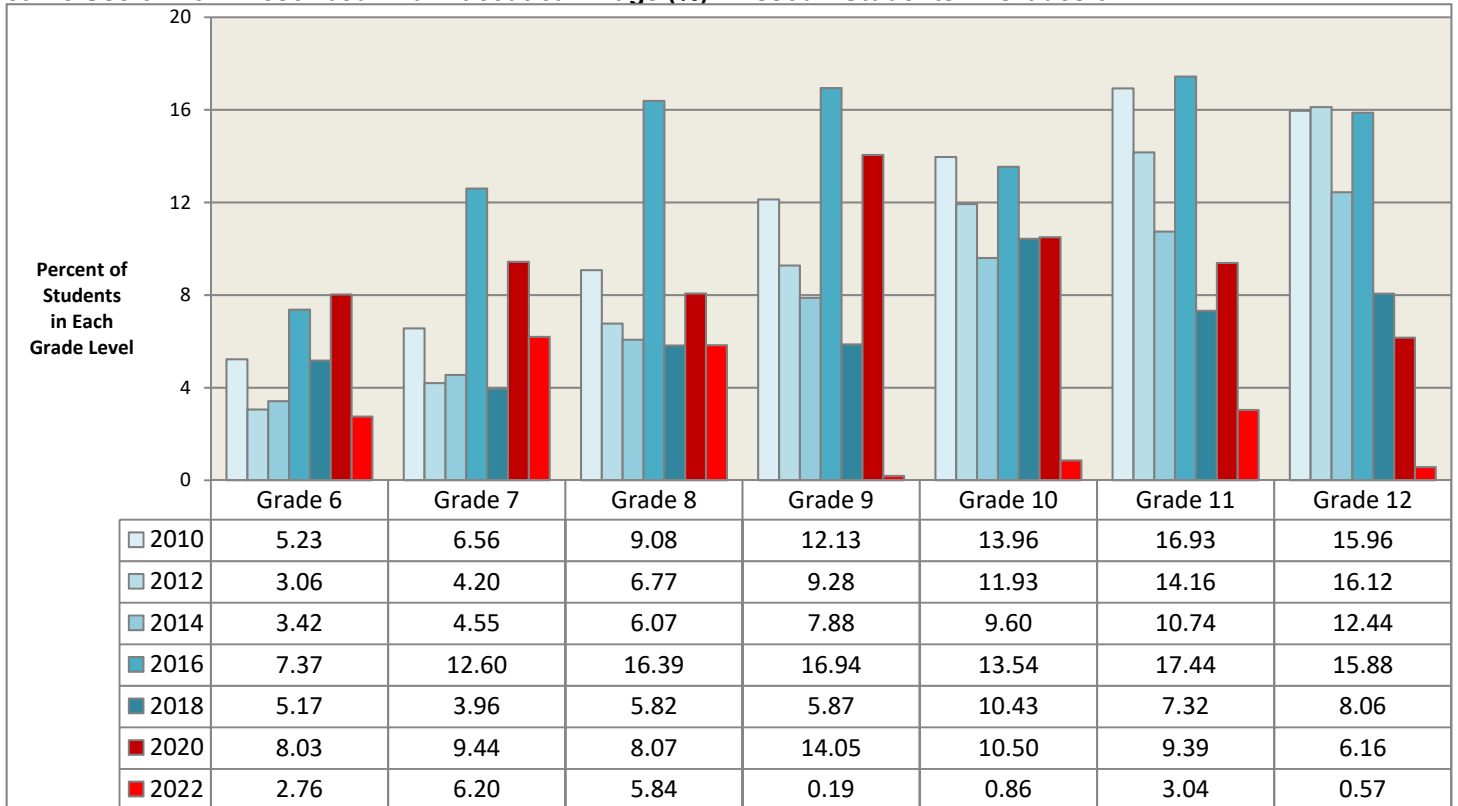
Data Source: Missouri Institute of Mental Health. Missouri Student Survey. Data are weighted.

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

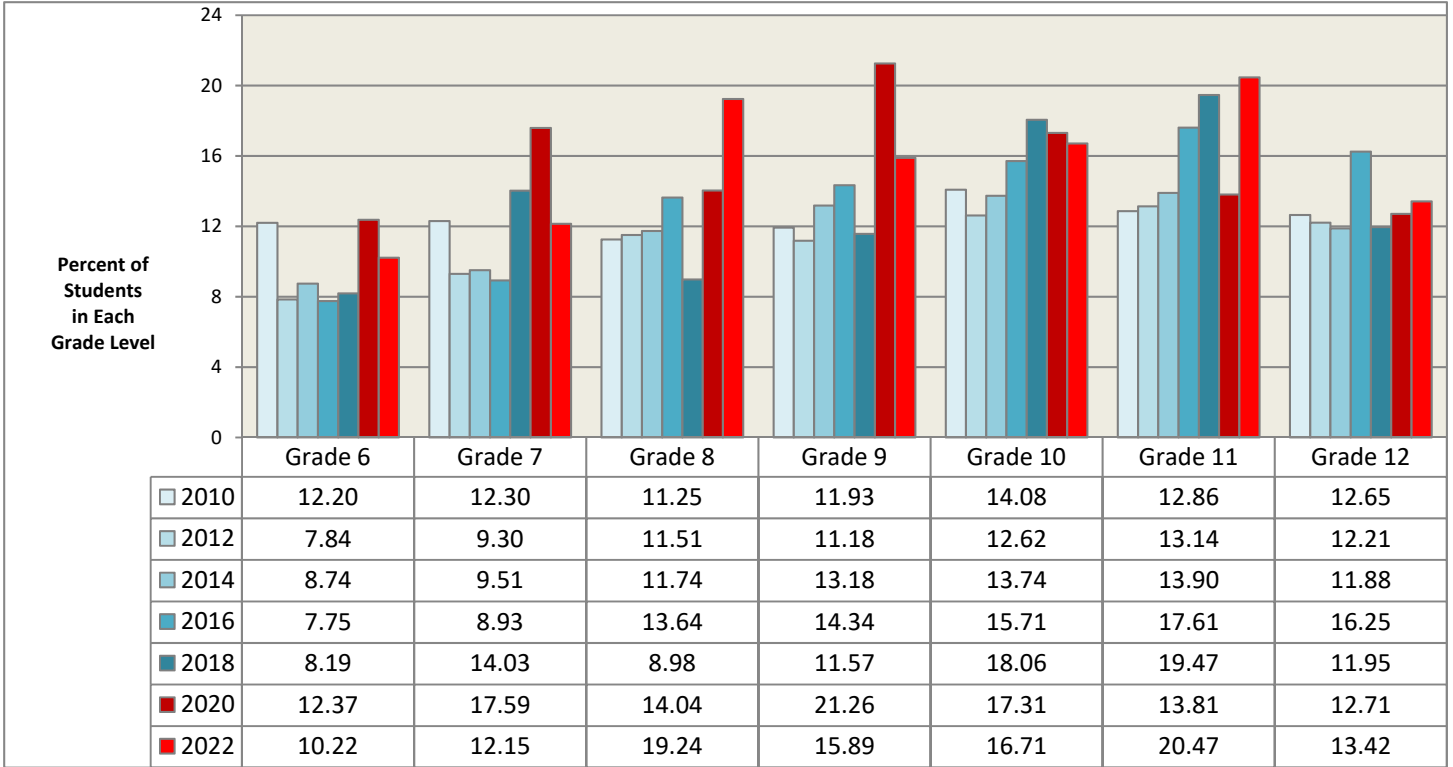


Note: In the Missouri Student Survey questionnaire, Coricidin Cough, Sudafed, TheraFlu, and Tylenol Cough are listed as examples of over-the-counter medicines.

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

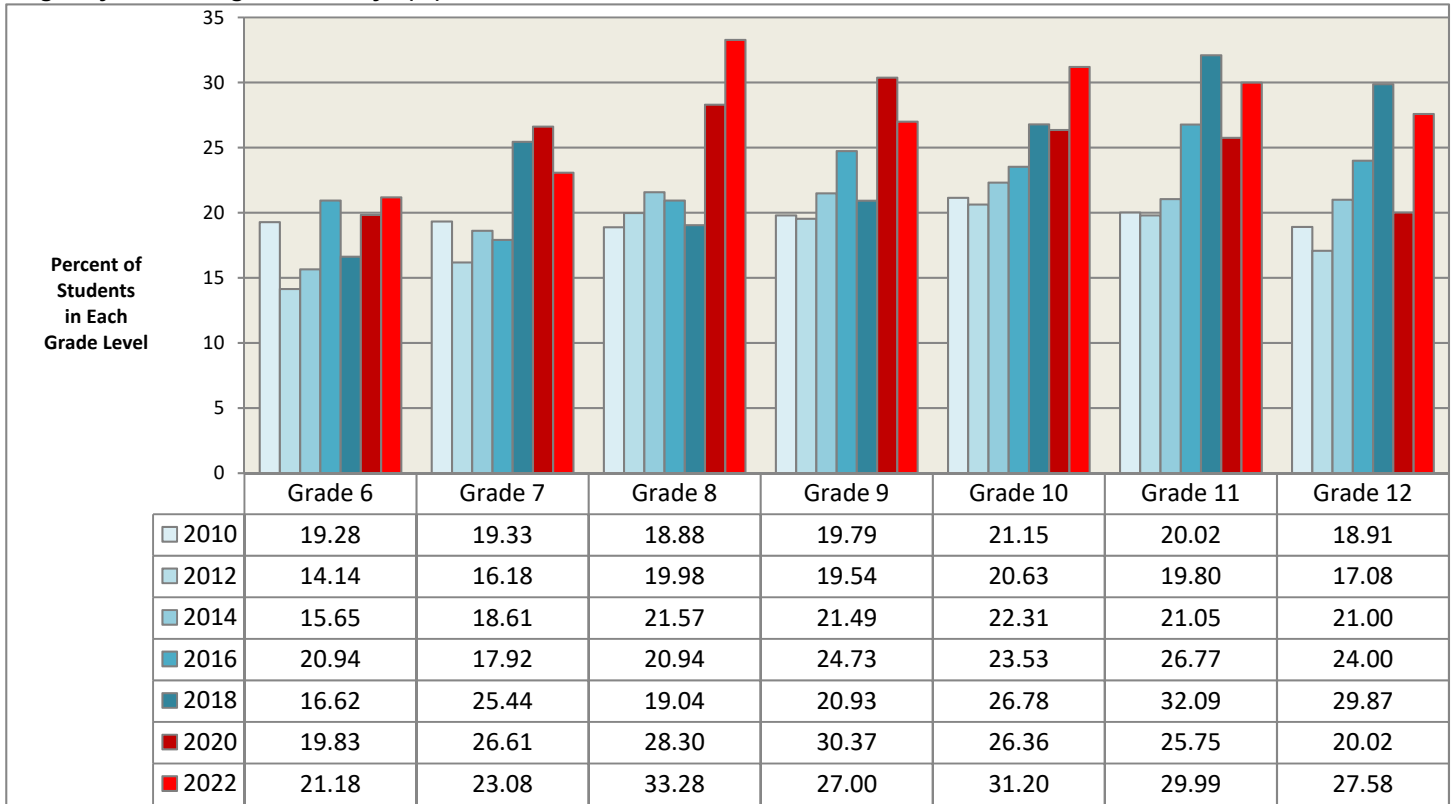
DEPRESSION: MISSOURI STUDENTS IN GRADES 6-12

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



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

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

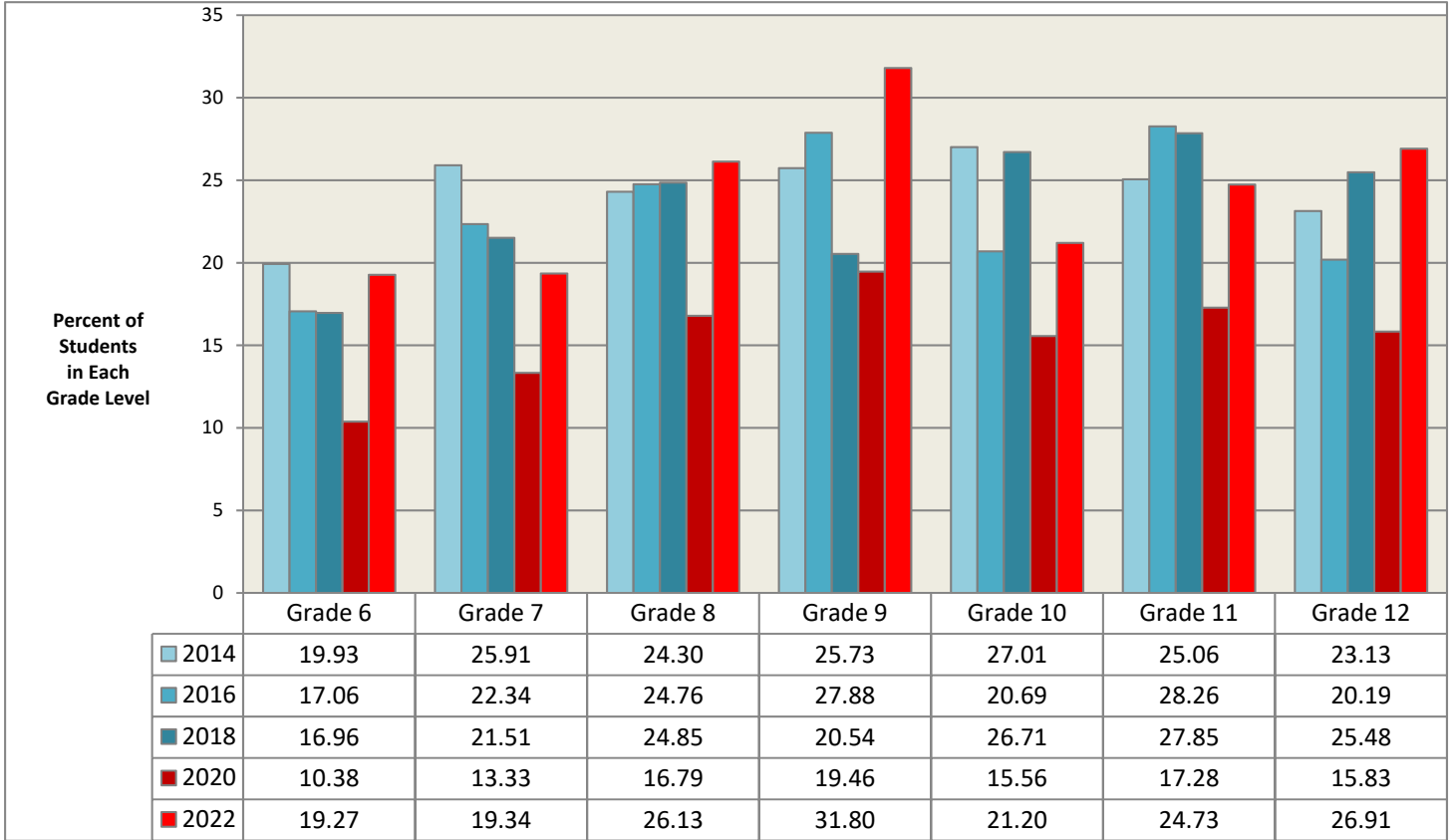


* Feeling Hopeless Always or Often; Feeling Very Sad Always or Often.

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

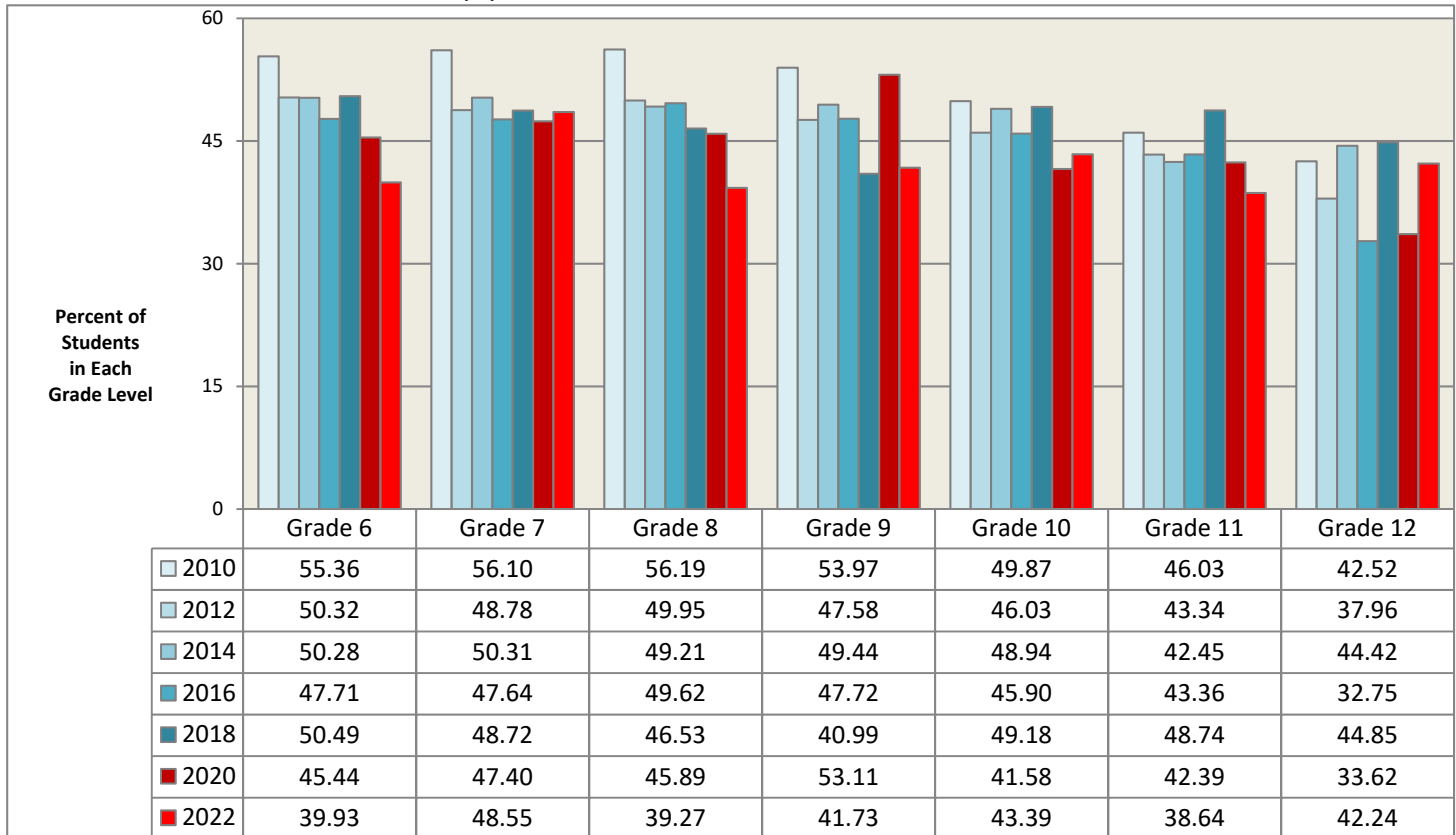
VICTIM OF COVERT BULLYING: MISSOURI STUDENTS IN GRADES 6-12

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.

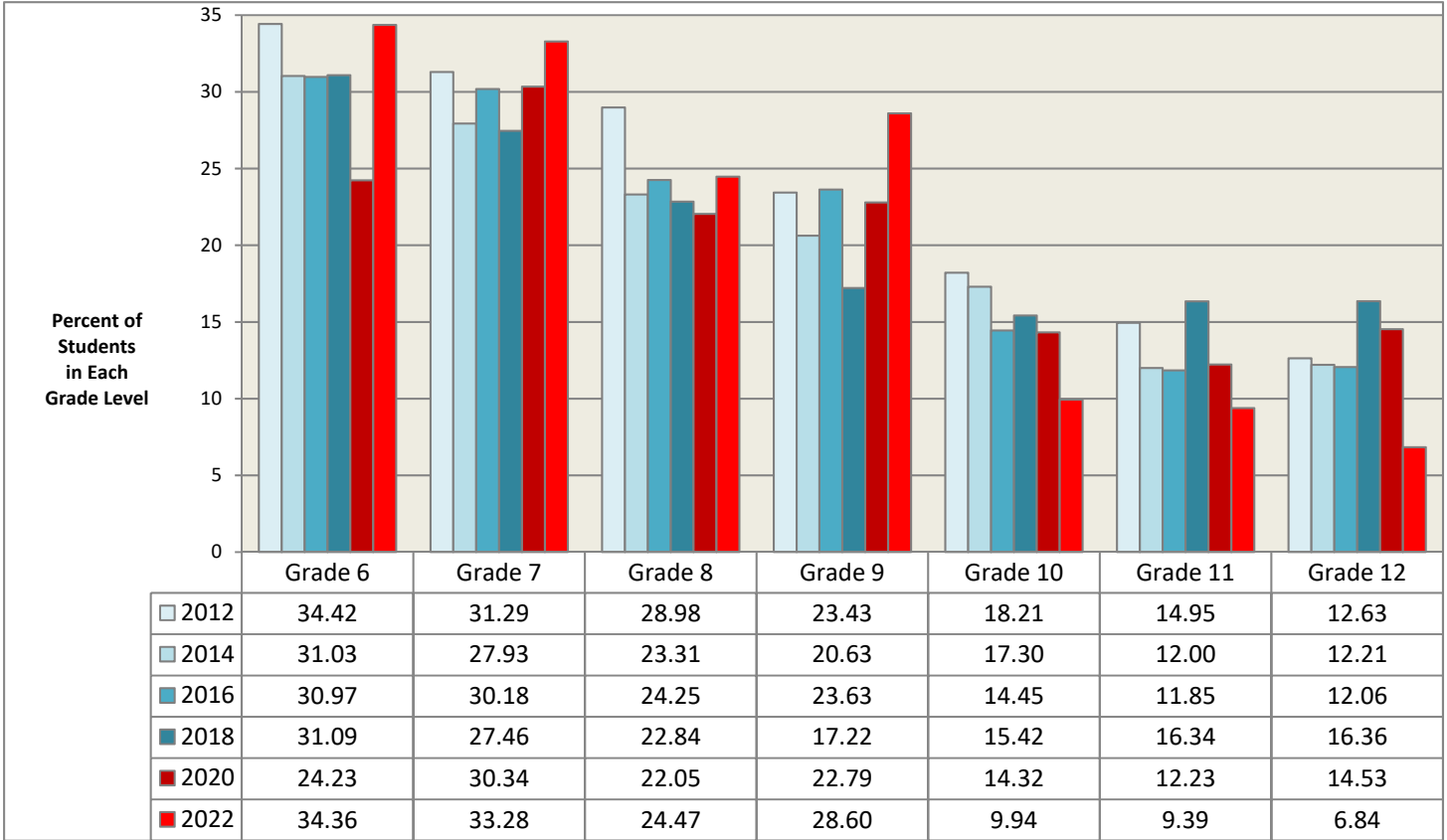
Victim of Rumors or Lies in Past 3 Months (%): Missouri Students in Grades 6-12



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

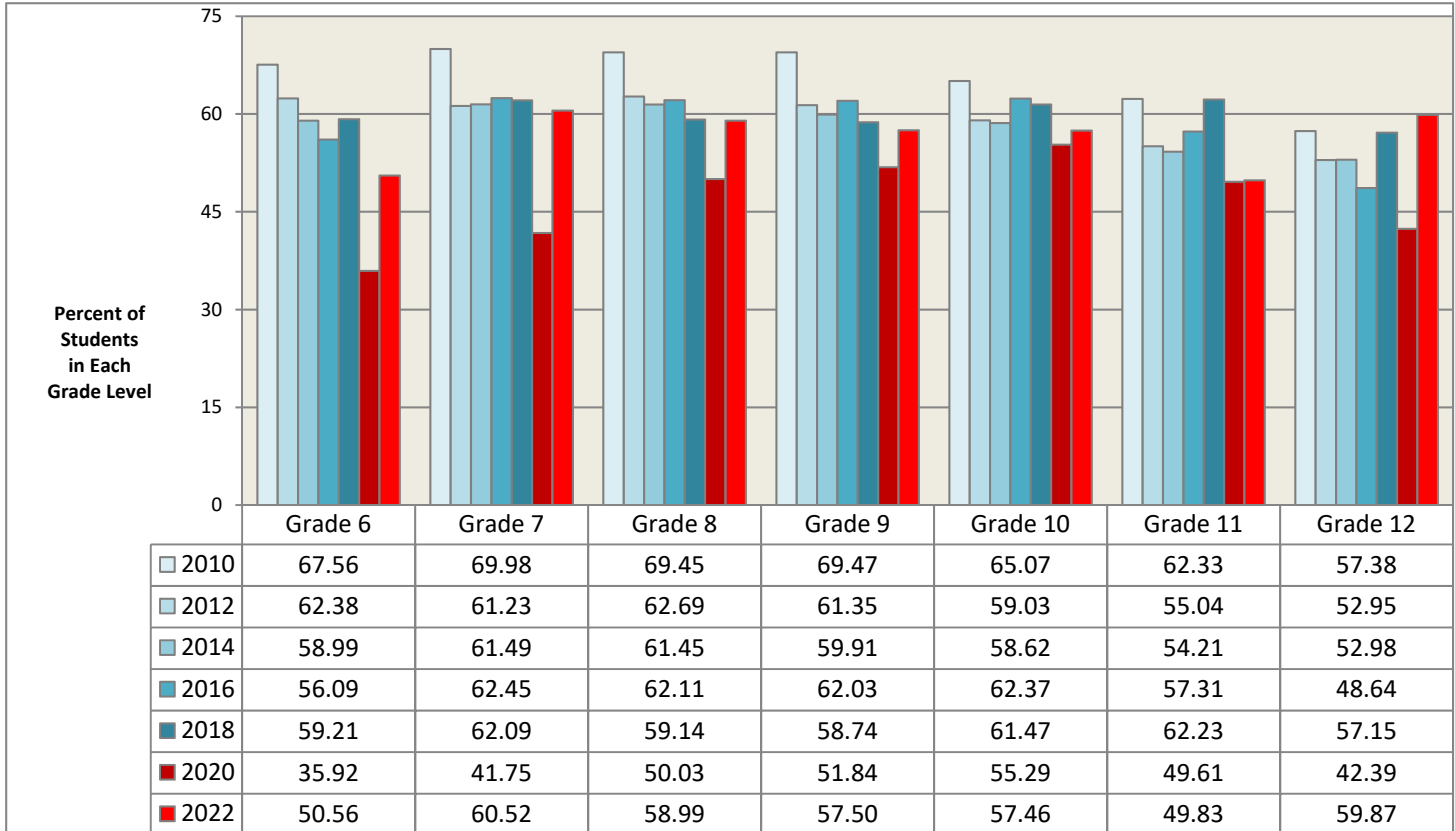
VICTIM OF AGGRESSIVE BEHAVIOR: MISSOURI STUDENTS IN GRADES 6-12

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



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

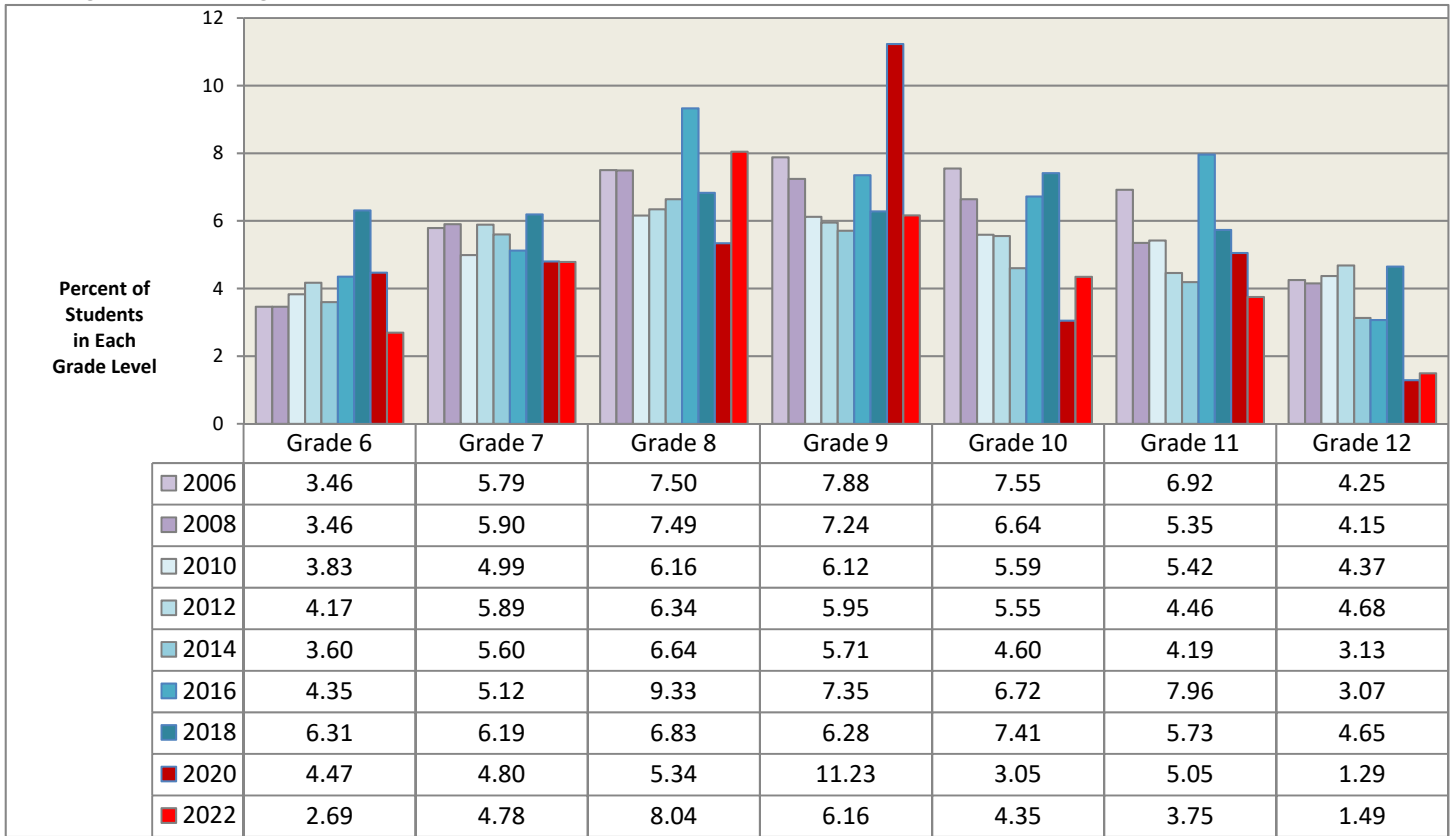
Victim of Intimidation (Making Fun of) in Past 3 Months (%): Missouri Students in Grades 6-12



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

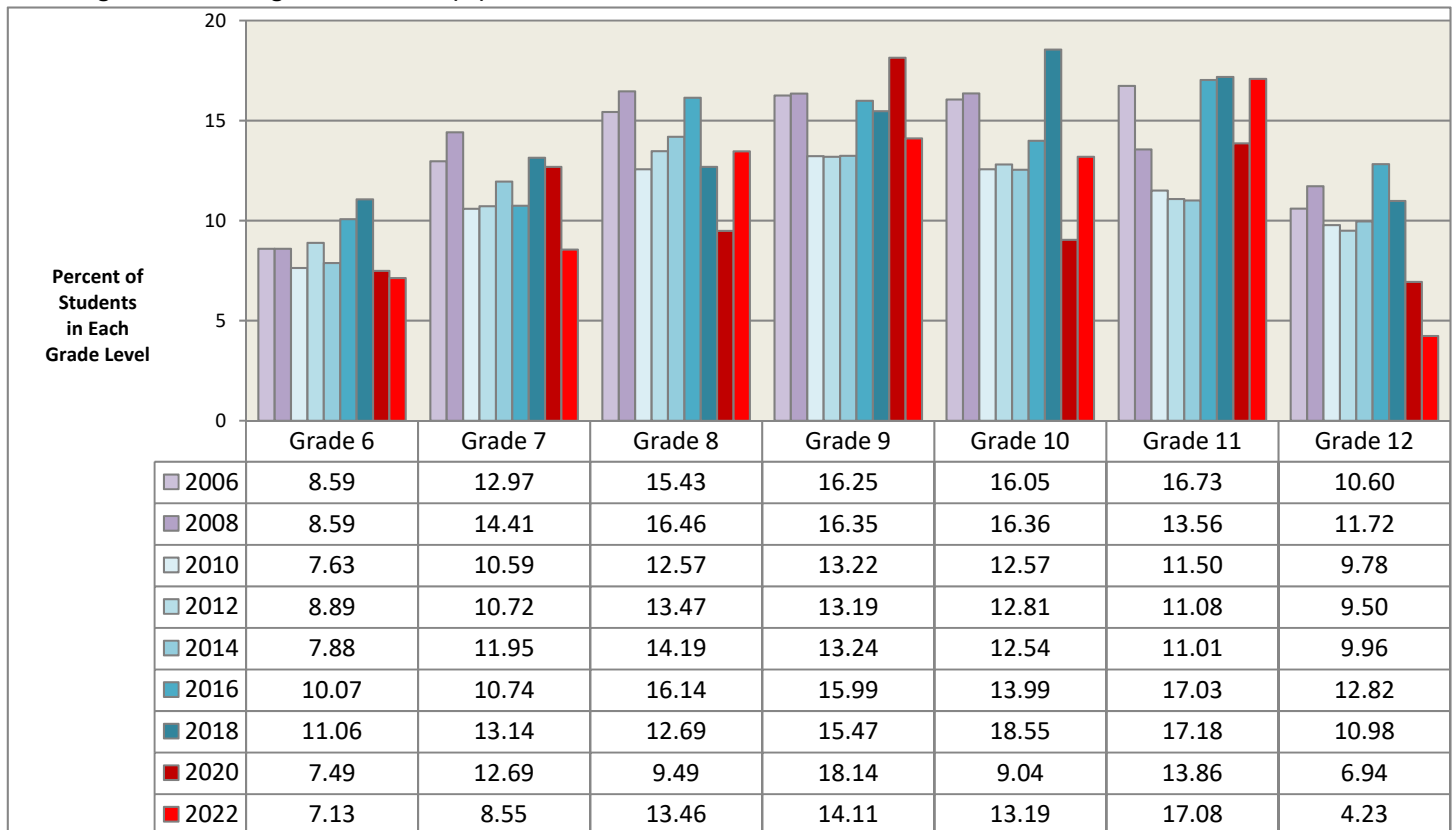
SUICIDE: MISSOURI STUDENTS IN GRADES 6-12

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



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

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

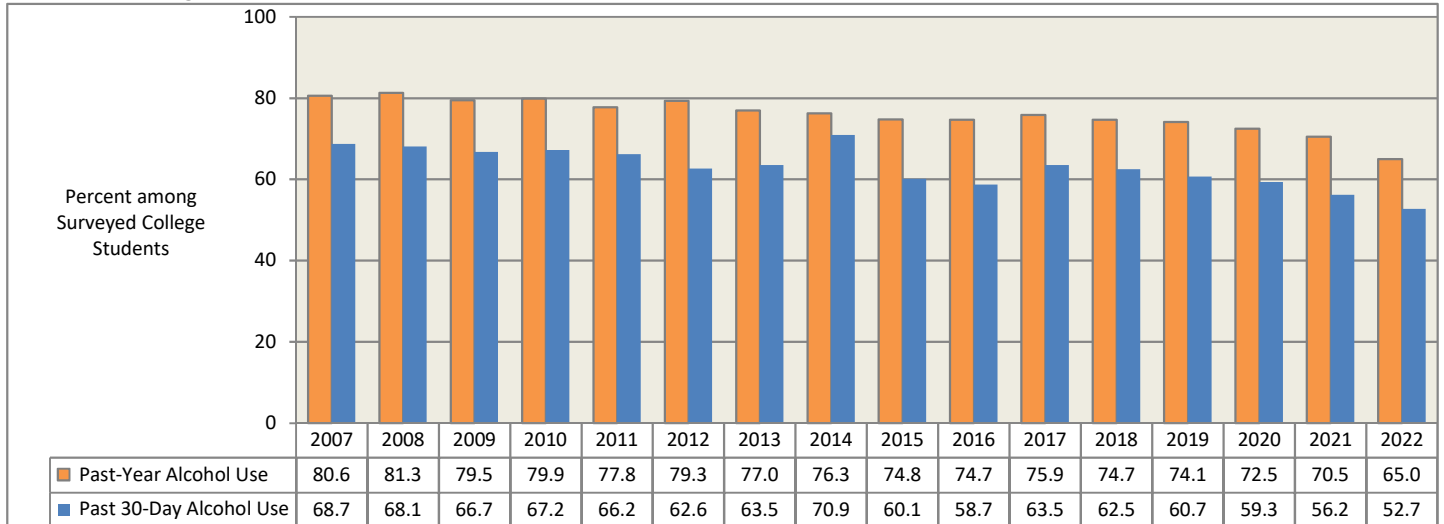


Data Source: Missouri Institute of Mental Health. Missouri Student Survey. Data are weighted.

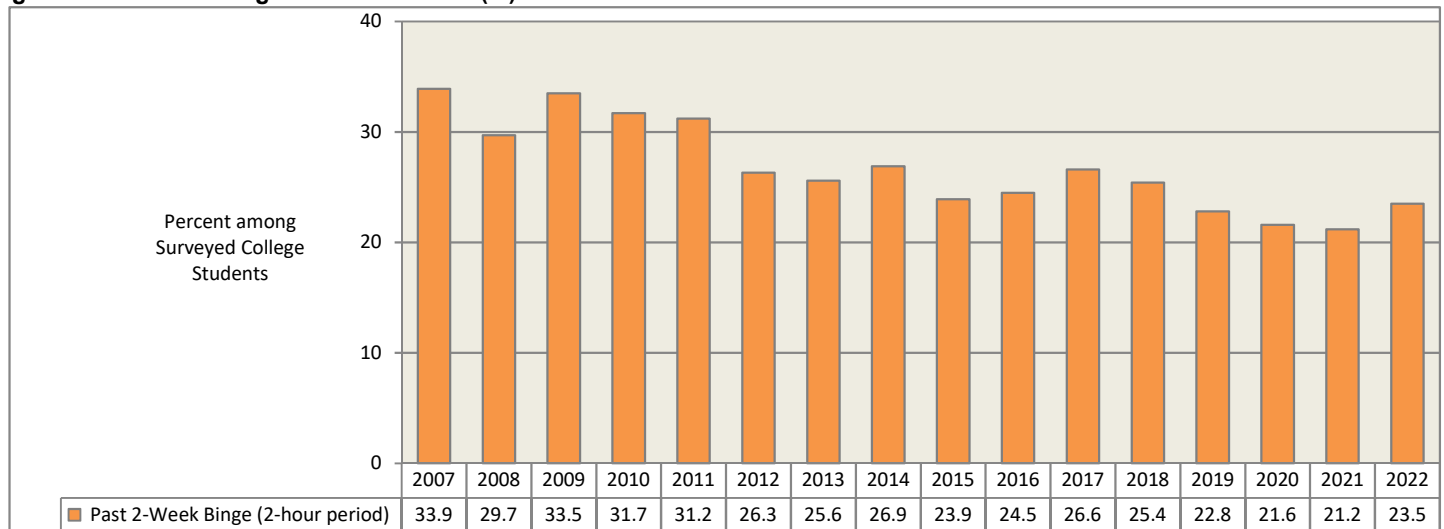
MISSOURI ASSESSMENT OF COLLEGE HEALTH BEHAVIORS: MISSOURI COLLEGE STUDENTS

Alcohol and Tobacco Use

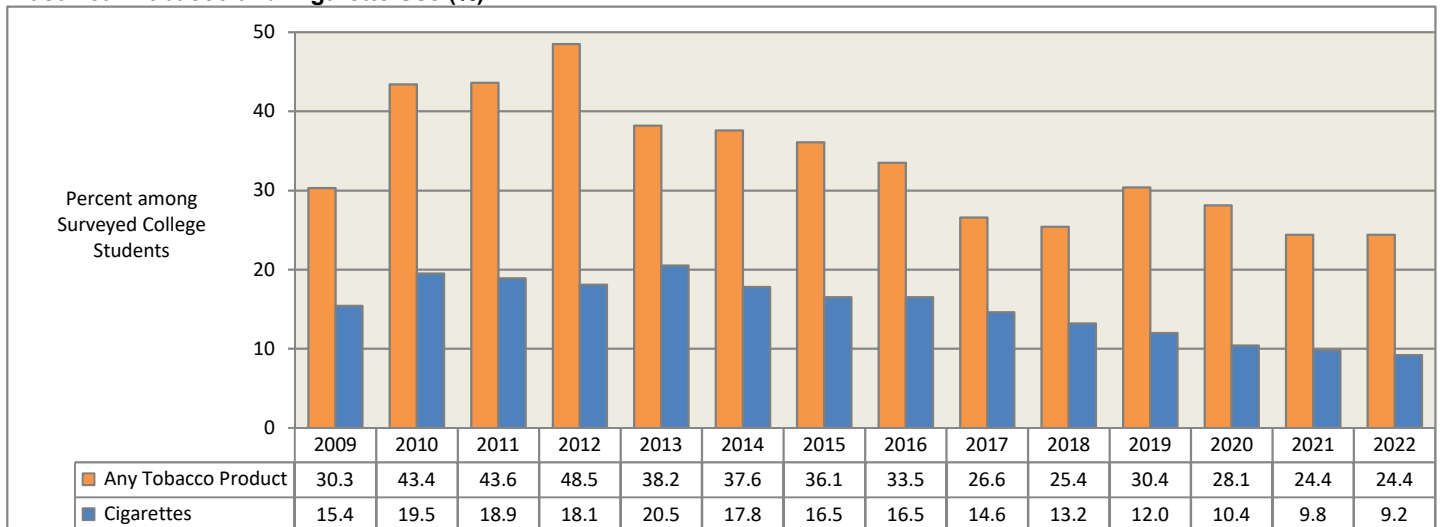
Alcohol Use During the Past-Year and Past Month (%)



Binge Alcohol Use During the Past 2 Weeks (%)



Past-Year Tobacco and Cigarette Use (%)



Data Source: Missouri College Health Behavior Survey, 2007-2016; Missouri Assessment of College Health Behaviors, 2017-2022.

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

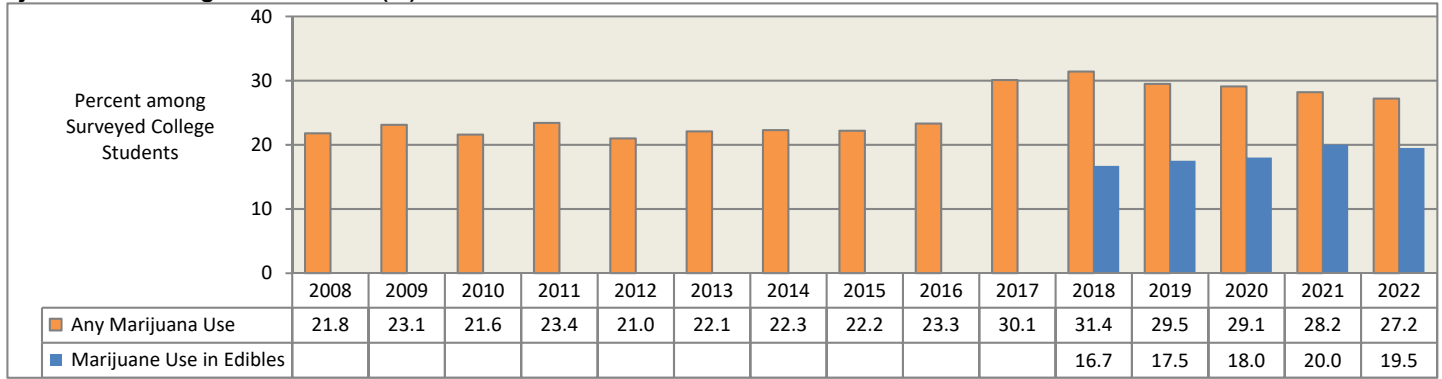
PIP homepage: <https://www.mopip.org/>

The 2022 MACHB survey respondents consist of 6,705 students at 24 Missouri colleges. Data are unweighted.

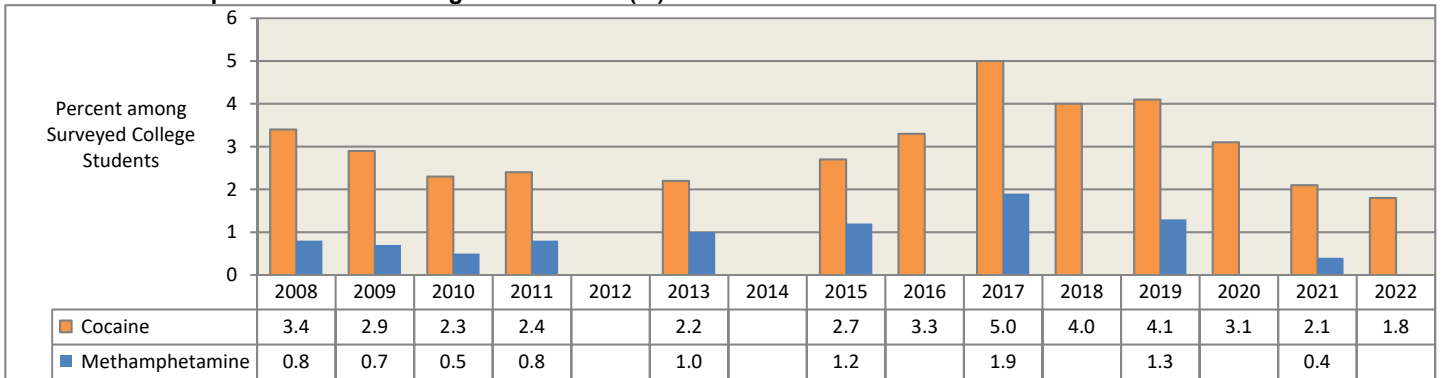
MISSOURI ASSESSMENT OF COLLEGE HEALTH BEHAVIORS: MISSOURI COLLEGE STUDENTS

Illicit Drug Use

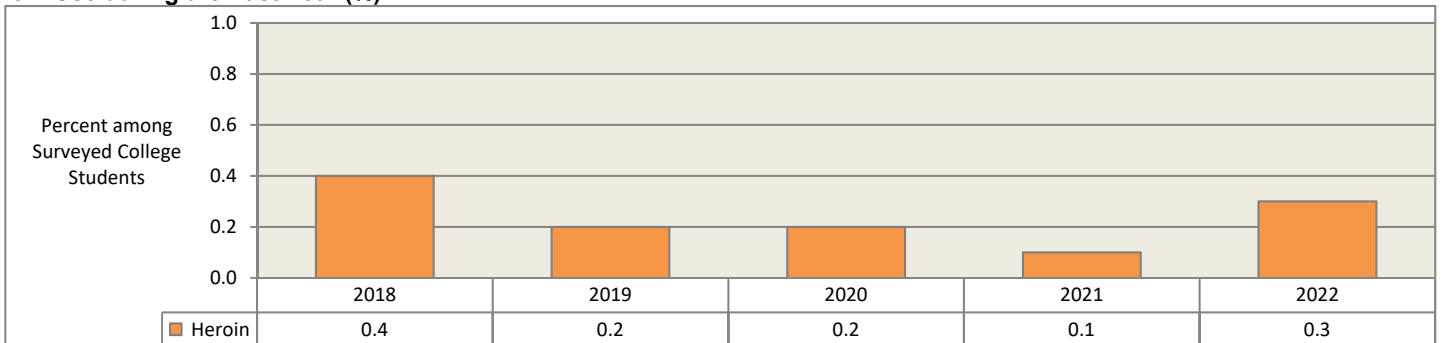
Marijuana Use during the Past Year (%)



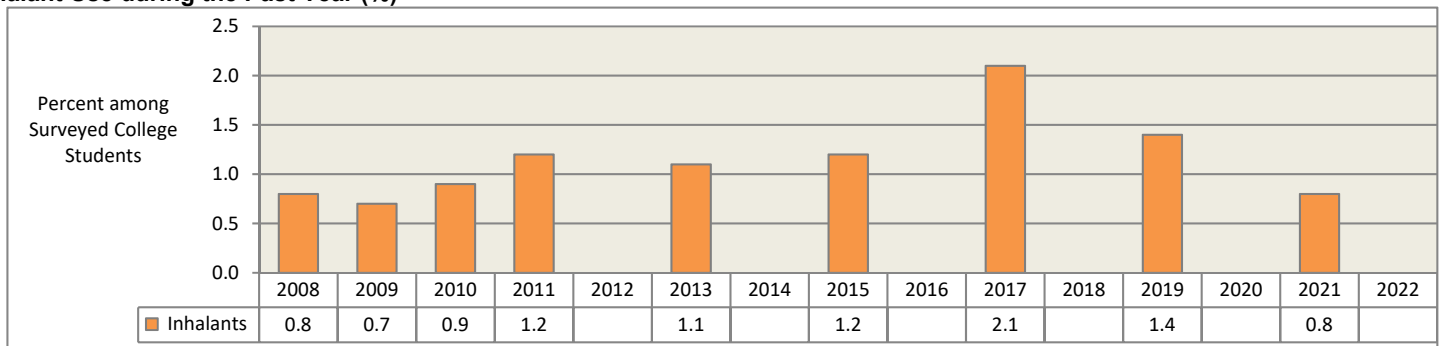
Cocaine and Methamphetamine Use during the Past Year (%)



Heroin Use during the Past Year (%)



Inhalant Use during the Past Year (%)



Data Source: Missouri College Health Behavior Survey, 2007-2016; Missouri Assessment of College Health Behaviors, 2017-2022.

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

PIP homepage: <https://www.mopip.org/>

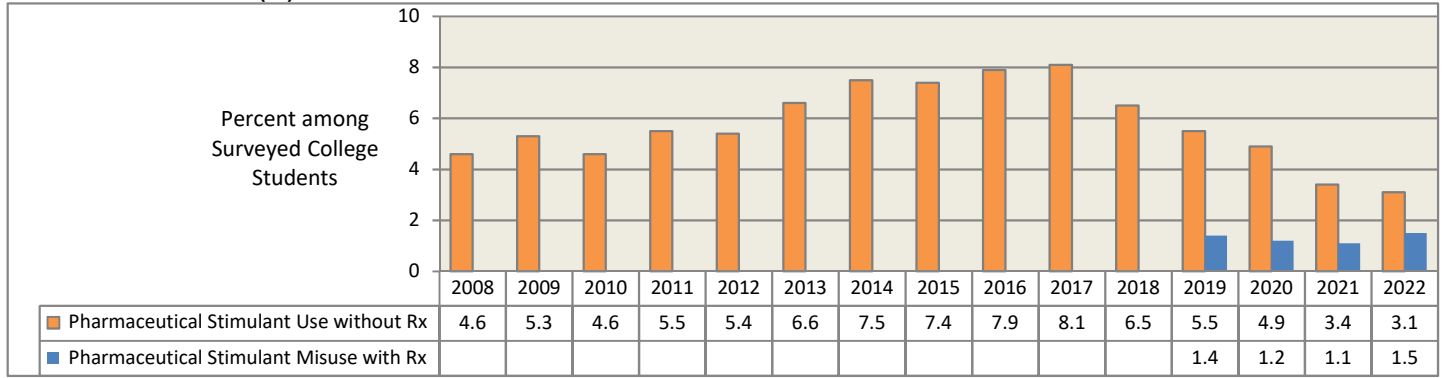
The 2022 MACHB survey respondents consist of 6,705 students at 24 Missouri colleges. Data are unweighted.

A blank indicates question not included on survey for that year.

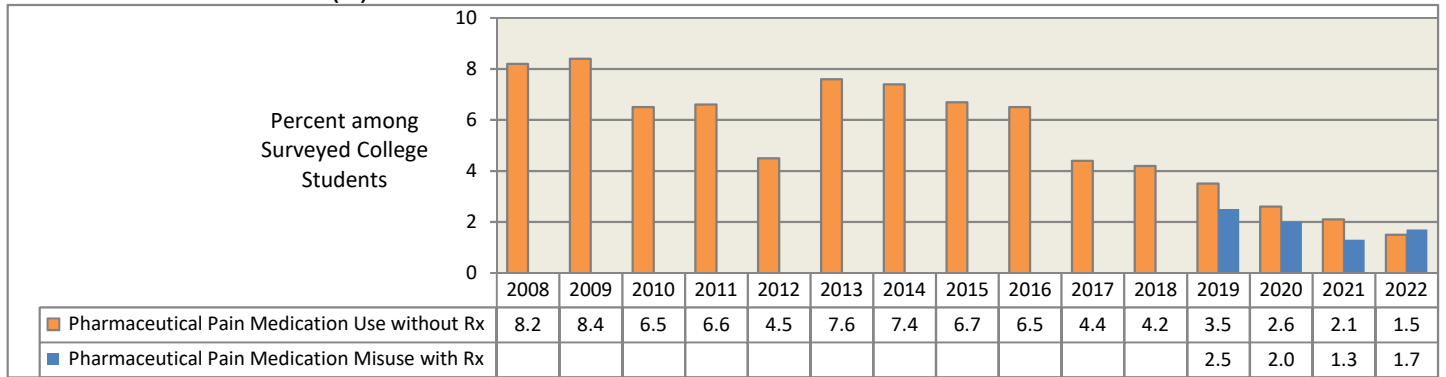
MISSOURI ASSESSMENT OF COLLEGE HEALTH BEHAVIORS: MISSOURI COLLEGE STUDENTS

Pharmaceutical Drug Use

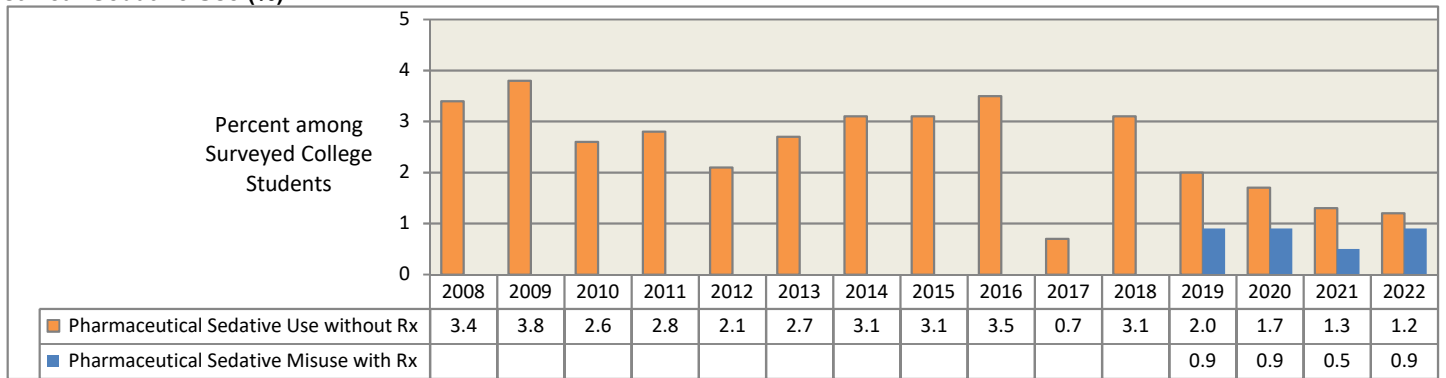
Past-Year Stimulant Use (%)



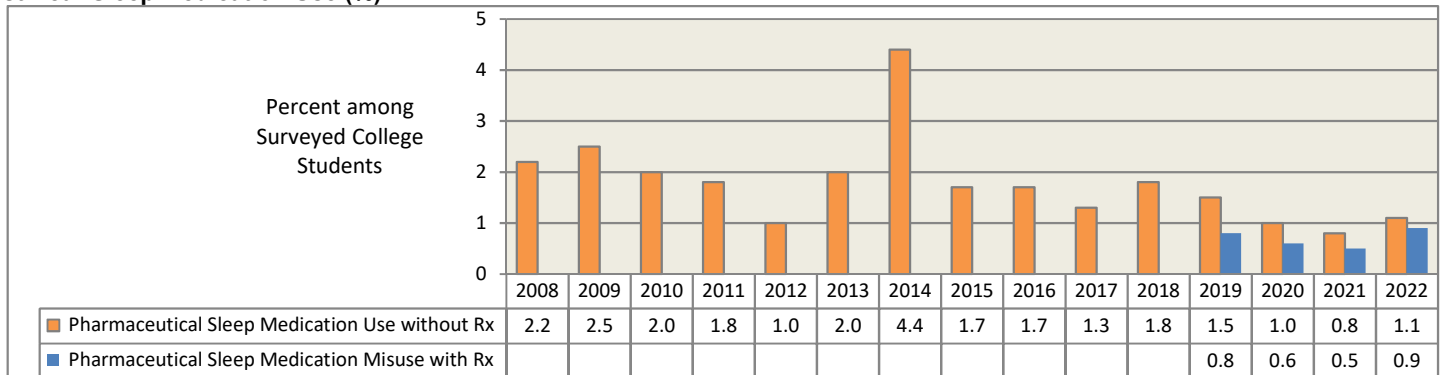
Past-Year Pain Medication Use (%)



Past-Year Sedative Use (%)



Past-Year Sleep Medication Use (%)



Data Source: Missouri College Health Behavior Survey, 2007-2016; Missouri Assessment of College Health Behaviors, 2017-2022.

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

PIP homepage: <https://www.mopip.org/>

The 2022 MACHB survey respondents consist of 6,705 students at 24 Missouri colleges. Data are unweighted.

MISSOURI ASSESSMENT OF COLLEGE HEALTH BEHAVIORS: MISSOURI COLLEGE STUDENTS
Substance Use

	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011
ALCOHOL AND DRUG USE (%)												
Alcohol Use in Past Year	65.0	70.5	72.5	74.1	74.7	75.9	74.7	74.8	76.3	77.0	79.3	77.8
Alcohol Use in Past 30 Days	52.7	56.2	59.3	60.7	62.5	63.5	58.7	60.1	70.9	63.5	62.6	66.2
Binge Alcohol Use in One Sitting in Past 2 Weeks	—	—	—	22.6	25.2	26.9	25.0	24.7	28.3	27.2	27.9	32.8
Binge Alcohol Use in 2-Hour Period in Past 2 Weeks	23.5	21.2	21.6	22.8	25.4	26.6	24.5	23.9	26.9	25.6	26.3	31.2
Average Age of First Use of Alcohol	17.4											
Tobacco Use in Past Year	24.4	24.4	28.1	30.4	25.4	26.6	33.5	36.1	37.6	38.2	48.5	43.6
Cigarette Use in Past Year	9.2	9.8	10.4	12.0	13.2	14.6	16.5	16.5	17.8	20.5	18.1	18.9
Marijuana/Cannabis Use in Any Form in Past Year	27.2	28.2	29.1	29.5	31.4	30.1	23.3	22.2	22.3	‡ 22.1	21.0	23.4
Marijuana/Cannabis Use in Any Form in Past 30 Days	18.3											
Marijuana/Cannabis Smoked in Past Year	22.5	23.5	26.0									
Marijuana/Cannabis Edible Use in Past Year	19.5	20.0	18.0	17.5	16.7							
Marijuana/Cannabis Vapor Use in Past Year	16.2	15.8	15.0									
Marijuana Derivative Use in Past Year	9.6	9.3	11.0	13.1	10.8							
Other Marijuana/Cannabis Use in Past Year	2.7	2.0	2.3									
Average Age of First Use of Marijuana/Cannabis	17.3											
Heroin Use in Past Year	0.3	0.1	0.2	0.2	0.4							
Cocaine Use in Past Year	1.8	2.1	3.1	4.1	4.0	5.0	3.3	2.7	—	2.2	—	2.4
Amphetamine Use in Past Year	—	—	—	—	—	4.4	4.7	3.8	—	1.9	—	3.3
Methamphetamine Use in Past Year	—	0.4	—	1.3	—	1.9	—	1.2	—	1.0	—	0.8
Inhalant Use in Past Year	—	0.8	—	1.4	—	2.1	—	1.2	—	1.1	—	1.2
Club Drug Use in Past Year	—	—	—	—	—	3.5	—	3.0	—	2.9	—	2.8
Ecstasy, MDMA, Mushrooms, LSD, PCP, etc in Past Year	—	5.0	5.0	5.0	5.0							
K2 (Synthetic Marijuana) Use in Past Year	—	0.7	—	3.9	—	4.5	—	1.2	—	1.9	3.2	
Kratom Use in Past Year	—	0.8										
Bath Salts Use in Past Year	—	—	—	—	—	—	—	0.8	—	1.1	1.0	
Prescription Stimulant Use without Rx in Past Year	3.1	3.4	4.9	5.5	6.5	8.1	7.9	7.4	7.5	6.6	5.4	5.5
Prescription Pain Medication Use without Rx in Past Year	1.5	2.1	2.6	3.5	4.2	4.4	6.5	6.7	7.4	7.6	4.5	6.6
Prescription Sedative Use without Rx in Past Year	1.2	1.3	1.7	2.0	3.1	0.7	3.5	3.1	3.1	2.7	2.1	2.8
Prescription Sleep Medication Use without Rx in Past Year	1.1	0.8	1.0	1.5	1.8	1.3	1.7	1.7	4.4	2.0	1.0	1.8
Other Prescription Drug Use without Rx in Past Year	1.2	0.5	0.6	0.6	0.5							
Prescription Stimulant Misuse with Rx in Past Year	1.5	1.1	1.2	1.4								
Prescription Pain Medication Misuse with Rx in Past Year	1.7	1.3	2.0	2.5								
Prescription Sleep Medication Misuse with Rx in Past Year	0.9	0.5	0.6	0.8								
Prescription Sedative Misuse with Rx in Past Year	0.9	0.5	0.9	0.9								
Other Prescription Drug Misuse with Rx in Past Year	1.1	0.4	0.6	0.6								
Prescription Drug Misuse with Alcohol Use in Past Year	28.5											

Data are unweighted.

— Indicates data not collected in year indicated.

‡ Indicates survey question was revised beginning with year indicated.

Number of Colleges Participating in 2022 Survey: **24**

Number of Respondents in 2022 Survey: **6,705**

Average Age of Respondents in 2022 Survey: **20.56**

Data Source: Partners in Prevention Statewide Coalition, University of Missouri, Columbia, MO. PIP homepage: <https://www.mopip.org/>

MISSOURI ASSESSMENT OF COLLEGE HEALTH BEHAVIORS: MISSOURI COLLEGE STUDENTS
Drinking Related Issues

2022 2021 2020 2019 2018 2017 2016 2015 2014 2013 2012 2011

AMONG ALL STUDENTS, DRINKING RELATED RISKS AND CONSEQUENCES EXPERIENCED (%)

Hangover	36.5	40.7	45.3	46.2	48.9	49.4	47.4	47.9	50.3	50.8	48.6	51.4
Vomiting	28.6											
Rode with Someone who Drove After Drinking	12.3	13.2	18.0	21.1	21.4	23.1	24.9	26.9	28.5	30.6	29.8	33.6
Blackout or Memory Loss	16.8	16.5	22.6	24.1	25.0	25.8	25.6	24.8	27.0	35.6	26.2	26.1
Drove After Consumption	9.2	8.7	12.2	14.3	16.3	17.0	21.2	21.4	23.5	25.2	25.5	27.3
Missed Class	11.5	7.7	14.9	14.2	16.3	16.5	15.1	15.4	17.4	16.9	16.5	18.3
Engaged in Risky Sexual Behavior	—	7.7	10.8	12.1	12.7	13.4	13.6	14.4	15.8	16.2	16.5	16.9
Forced or Coerced to Drink More than Desired	7.8	8.2	11.1	12.9	12.3	14.9	16.1	14.3	16.2	17.3	16.1	13.5
Hurt or Injured	7.4	7.5	9.8	9.3	9.3	9.9	9.9	9.2	11.0	11.5	11.4	11.6
Performed Poorly on Test or Assignment	6.2	5.0	7.8	7.6	9.0	9.6	8.8	9.4	11.0	10.4	10.0	11.0
Someone Had Sexual Contact with Me without My Consent	3.3	3.8	4.6	5.3	5.6	5.3	5.4	5.0	5.9	7.1	6.3	6.3
Trouble with Campus Administration	1.6	1.3	2.2	2.5	2.7	2.9	3.2	3.1	3.3	3.7	3.0	3.5
Had Sexual Contact with Someone without Their Consent	0.3	0.2	0.5	0.6	0.9	0.9	0.7	1.0	2.1	2.6	2.4	2.2
Received Medical Attention	1.3	1.2	1.9	1.6	2.0	2.0	1.7	2.1	2.9	2.6	2.2	2.1
Arrested by Campus Police or Other Law Enforcement	0.5	0.3	0.8	0.9	0.9	1.1	1.3	1.3	2.0	2.3	1.9	1.8
Arrested for DUI or DWI	0.4	0.3	0.3	0.5	0.5	0.7	0.7	0.7	1.1	1.6	0.8	1.1
Experienced Alcohol Poisoning in Past Year	2.8											

AMONG PAST-YEAR DRINKERS, THOSE RESPONDING "ALWAYS" OR "USUALLY" TO USE OF THESE PROTECTIVE FACTORS (%)

Know Where One's Drink Has Been At All Times	91.4	—	90.5	—	87.7	—	90.1	85.4	81.1	80.9	81.2	82.1
Eat Before and/or during Alcohol Consumption	82.1	—	81.5	80.7	—	83.6	82.8	81.1	77.1	76.6	77.5	75.5
Go Home with a Friend	85.4	—	85.3	—	77.8	—	71.4	70.4	66.1	65.3	65.0	65.1
Use a Designated Driver	63.4	68.7	67.9	—	68.5	—	65.9	66.2	65.2	64.3	64.8	66.3
Purposefully Limit the Amount of Money Spent on Alcohol	—	—	—	—	66.4	—	71.4	65.8	61.7	61.4	61.2	60.3
Avoid Competitive Drinking Behaviors* (keep up/out-drink others or drinking games)	59.3	—	‡ 54.4									
Avoid Trying to "Keep-up or "Out-drink" Others	—	—	—	—	61.7	—	66.4	62.8	60.4	60.1	58.4	59.7
Drink Slowly, Rather than Gulp or Chug	66.3	—	64.7	59.2	—	61.4	59.6	53.4	53.2	53.6	48.4	49.1
Determine Not to Exceed a Set Number of Drinks	52.4	—	50.0	49.6	—	46.6	42.8	43.4	41.8	40.6	40.9	43.0
Avoid Mixing Different Types of Alcohol	—	—	—	—	47.9	—	44.3	44.0	40.7	41.7	38.3	38.4
Drink Water While Drinking Alcohol	—	—	—	54.8	—	52.5	46.4	43.5	40.6	36.6	35.9	34.4
Avoid Drinking Games	—	—	—	35.2	—	33.8	30.9	31.6	28.8	31.5	33.5	32.5
Alternate Alcohol and Non-alcohol Drinks	58.3	—	54.6	43.3	—	41.7	35.4	36.0	33.4	31.4	30.4	30.4
Have a sober friend in the group	68.4	—	‡ 67.7									
Have a Friend Tell You When You Have Had Enough	—	—	—	36.4	50.7	—	23.4	31.0	29.5	28.3	29.1	29.0
Leave the Bar or Party at Predetermined Time	—	—	—	—	—	36.9	34.0	32.4	27.8	28.6	29.1	28.2
Stop Drinking at a Predetermined Time	48.2	—	44.9	—	42.9	—	30.7	29.7	26.6	27.7	26.4	26.1
Put Extra Ice in Drink	—	—	—	—	25.0	—	20.4	24.6	21.3	21.8	20.4	20.0
Receive Free Non-alcohol Drinks at Bar or Restaurant for Being Designated Sober Driver	22.2	—	21.6	19.4	17.3	16.8						

Data are unweighted.

— Indicates data not collected in year indicated.

‡ Indicates survey question was revised beginning with year indicated.

Number of Colleges Participating in 2022 Survey: **24**

Number of Respondents in 2022 Survey: **6,705**

Average Age of Respondents in 2022 Survey: **20.56**

Data Source: Partners in Prevention Statewide Coalition, University of Missouri, Columbia, MO. PIP homepage: <https://www.mopip.org/>

MISSOURI ASSESSMENT OF COLLEGE HEALTH BEHAVIORS: MISSOURI COLLEGE STUDENTS
Mental Health Related Issues

	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011
LEVEL OF STRESS EXPERIENCED IN PAST TWO WEEKS (%)												
None	1.6	1.1	1.2	—	1.2	—	2.4	—	1.1	1.9	1.9	1.7
Minimal	6.3	5.9	6.4	—	6.6	—	8.9	—	8.5	10.7	11.1	10.5
A Little	11.0	12.5	13.6	—	13.6	—	14.8	—	16.9	18.7	19.0	18.8
Manageable	42.8	43.7	45.3	—	48.3	—	45.6	—	48.8	47.5	47.7	47.2
Overwhelming	32.4	31.3	28.7	—	26.2	—	23.7	—	21.1	18.3	18.1	19.5
Unbearable	5.9	5.6	4.9	—	4.2	—	4.6	—	2.7	2.1	2.0	2.3
AMONG ALL STUDENTS, MAIN SOURCES OF STRESS (%)												
School / Academics	88.8	90.8	90.1	—	91.9	—	87.1	—	89.4	—	77.2	78.7
Financial Concerns	51.8	50.2	56.4	—	57.5	—	54.2	—	54.4	—	47.4	50.6
Future Plans	50.4	55.6	53.7	—	53.6	—	50.3	—	53.2	—	43.9	44.3
Time Management	52.0	50.6	53.1	—	52.7	—	50.8	—	52.2	—	43.1	47.1
Job	37.1	38.9	35.5	—	38.3	—	37.0	—	34.9	—	31.1	32.1
Dating / Relationship with Partner	25.3	26.8	27.0	—	28.4	—	27.5	—	29	—	26.2	28.8
Friends / Family	‡ 33.0	35.6	33.2	—	31.1	—	30.0	—	29.7	—	25.0	27.7
Physical Health	28.1	35.0	31.1	—	29.7	—	26.2	—	25.1	—	20.1	22.3
Outside Organizations / Responsibilities	19.2	18.4	22.3	—	22.9	—	20.4	—	22.8	—	17.7	17.7
Friends	—	22.4	23.3	—	20.7	—	19.0	—	19.6	—	16.1	17.6
Roommates	15.1	14.4	16.0	—	16.6	—	15.8	—	16.6	—	14.6	15.8
Mental Health Issues	42.5	41.2	33.7	—	22.9	—	15.7	—	9.9	—	7.2	7.4
Other Sources of Stress	2.5	3.6	1.9	—	2.1	—	2.2	—	2.6	—	2.6	3.2
AMONG ALL STUDENTS, PROBLEMS EXPERIENCED IN PAST YEAR (%)												
Anxiety	69.6	64.3	60.6	57.4	52.1	49.0	47.3	45.0	44.1	39.4	34.4	34.9
Chronic Sleep Issue	28.1	25.3	22.3	20.0	18.8	17.1	18.5	18.2	18.8	18.1	15.0	16.8
Suicidal Thoughts	25.1	24.7	24.6	23.1	20.4	17.6	17.4	15.0	15	13.6	13.6	13.4
Depression	54.8	34.8	32.7	31.4	26.8	24.6	22.9	21.4	18.5	17.6	12.5	12.5
Panic Attack	30.0	29.8	29.6	27.6	24.5	21.5	19.2	17.2	15.4	13.4	11.7	12.5
Eating Disorder	19.0	14.3	11.5	8.7	7.3	6.8	6.5	6.6	5.8	6.4	5.3	5.0
Self-injury/self-harm behaviors	8.3	6.1	6.0	5.9	5.2	4.7	4.6	4.5	3.6	3.8	3.5	4.0
Abusive Relationship	—	4.4	4.7	4.9	4.6	4.2	3.8	4.1	3.2	3.1	3.0	3.2
Substance Use Disorder or Dependency	‡ 4.3	3.8	2.3	2.8	2.5	2.6	2.7	2.8	2.8	3.2	2.8	2.8
Bipolar Disorder	4.3	3.4	3.5	3.4	2.3	2.5	2.8	2.8	2.6	2.3	2.1	2.3
Sexual Assault	—	3.8	3.6	3.8	3.5	2.8	2.6	2.1	1.5	1.4	1.1	1.2
Suicide Attempt	2.1	1.6	2.1	1.8	1.8	1.3	1.6	1.5	0.9	0.9	1.0	0.8
Other Issue	1.8	3.3	2.5	2.0	1.5	1.7	1.7	1.9	0.4	1.7	1.5	1.5
None of the Listed Problems	18.5	25.0	28.9	33.2	38.2	41.7	40.9	41.7	43.3	46.7	42.2	42.3
AMONG STUDENTS EXPERIENCING THE PROBLEMS LISTED BELOW, THOSE WHO SOUGHT ASSISTANCE (%)												
Major Depression	89.8	75.1	70.5	67.4	67.0	66.0	‡ 63.6	47.7	50.3	48.4	53.3	50.0
Panic Attack	92.1	77.9	75.0	71.2	72.3	70.5	‡ 68.5	41.8	42.6	44.4	43.1	41.1
Bipolar Disorder	83.9	77.1	74.0	68.4	70.9	69.0	‡ 66.7	51.7	50.8	49.2	42.0	51.5
Abusive Relationship	—	78.8	74.1	68.9	64.6	61.6	‡ 63.6	28.0	35.1	33.9	38.5	35.8
Anxiety	90.0	67.6	68.8	65.0	65.9	60.4	‡ 62.7	39.1	26.9	37.1	36.8	34.2
Chronic Sleep Issue	90.2	69.5	67.3	60.3	61.7	59.4	‡ 59.2	35.4	31.8	31.2	32.6	31.1
Self-injury	92.7	73.3	72.1	67.3	69.7	64.2	‡ 61.1	39.2	39.4	38.1	30.9	32.8
Sexual Assault	—	73.5	71.9	65.7	68.1	62.1	‡ 63.6	25.0	30.3	27.9	28.2	26.6
Eating Disorder	88.1	70.7	67.0	64.0	64.0	58.6	‡ 57.0	27.9	24.9	26.7	27.2	23.1
Substance Use Disorder or Dependency	‡ 88.4	64.9	60.0	65.2	57.1	55.0	‡ 54.9	22.4	21	18.4	22.6	16.6
Other Issue	96.1	77.3	79.8	78.7	83.9	68.1	‡ 69.0	48.5	51.9	45.6	48.6	45.4

Data are unweighted.

— Indicates data not collected in year indicated.

‡ Indicates survey question was revised beginning with year indicated.

Number of Colleges Participating in 2022 Survey: **24**

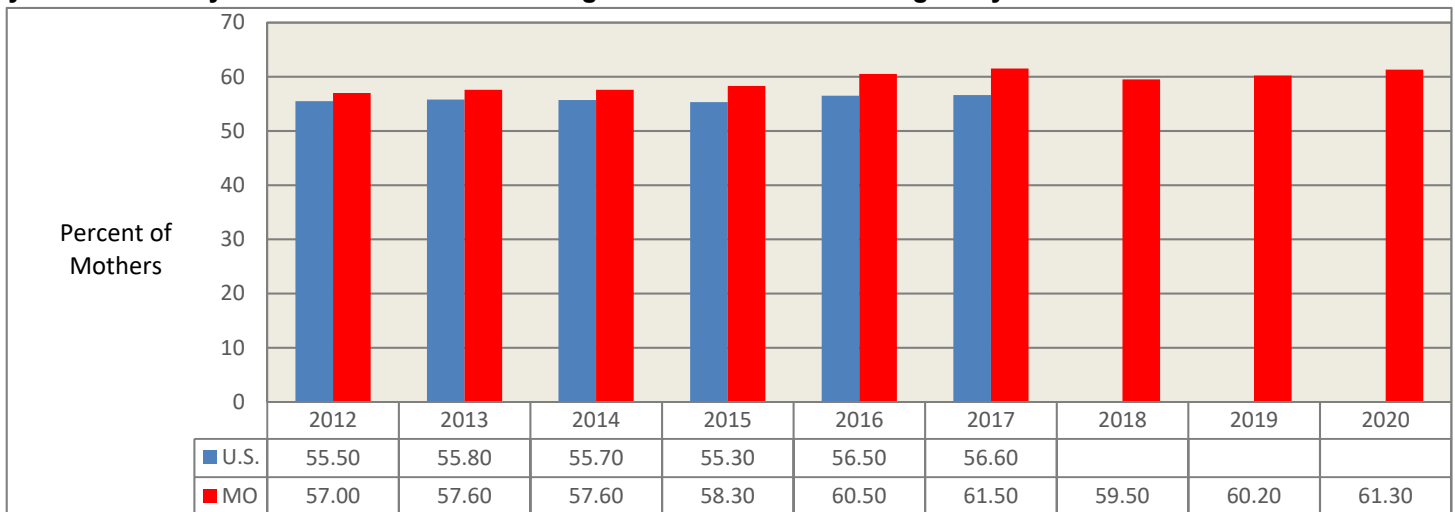
Number of Respondents in 2022 Survey: **6,705**

Average Age of Respondents in 2022 Survey: **20.56**

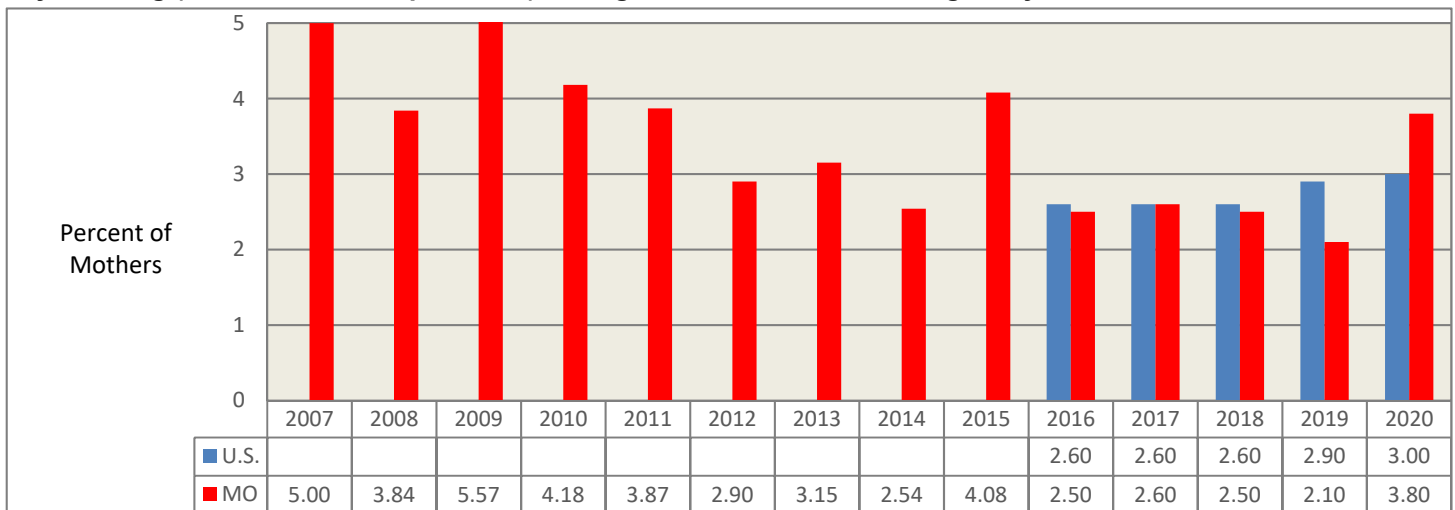
Data Source: Partners in Prevention Statewide Coalition, University of Missouri, Columbia, MO. PIP homepage: <https://www.mopip.org/>

ALCOHOL USE BY MOTHERS OF NEWBORNS

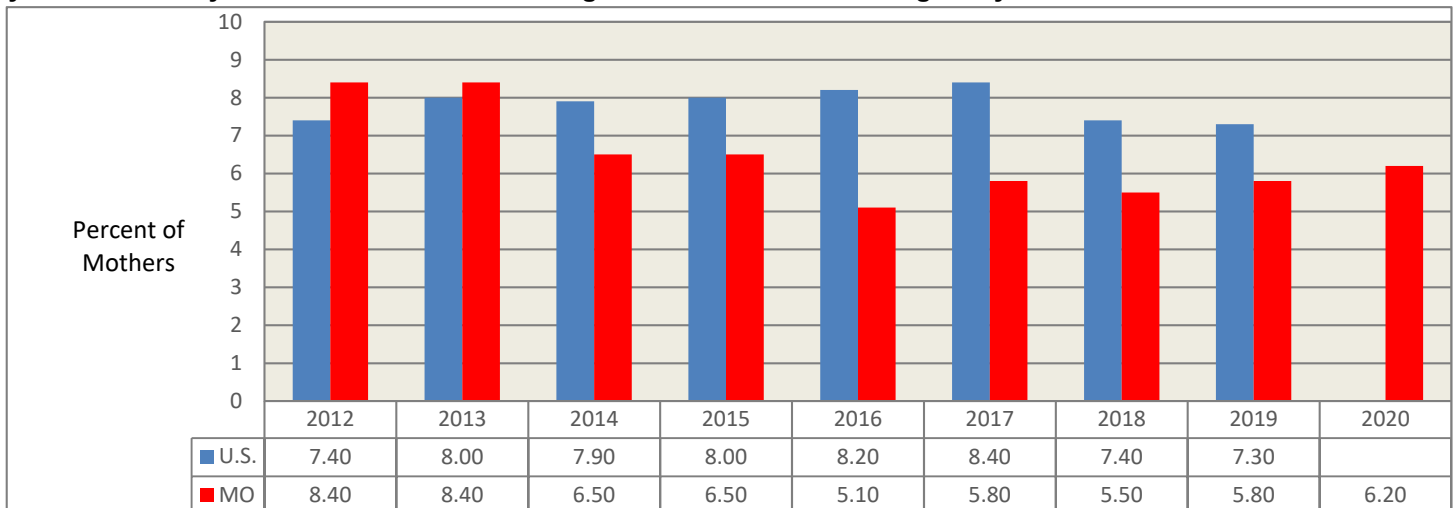
Any Alcohol Use by Mothers of Newborns During the 3 Months Before Pregnancy



Heavy Drinking (At Least 8 Drinks per Week) During the 3 Months Before Pregnancy *



Any Alcohol Use by Mothers of Newborns During the Last 3 Months of Pregnancy



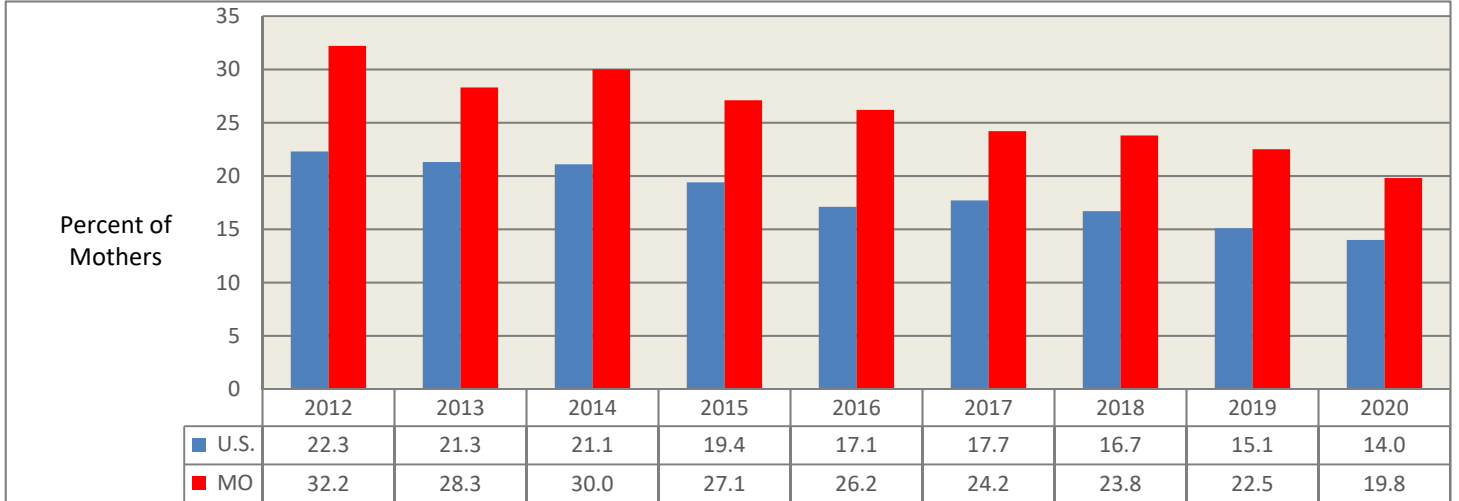
Data Sources:

Missouri Department of Health and Senior Services, Office of Epidemiology.

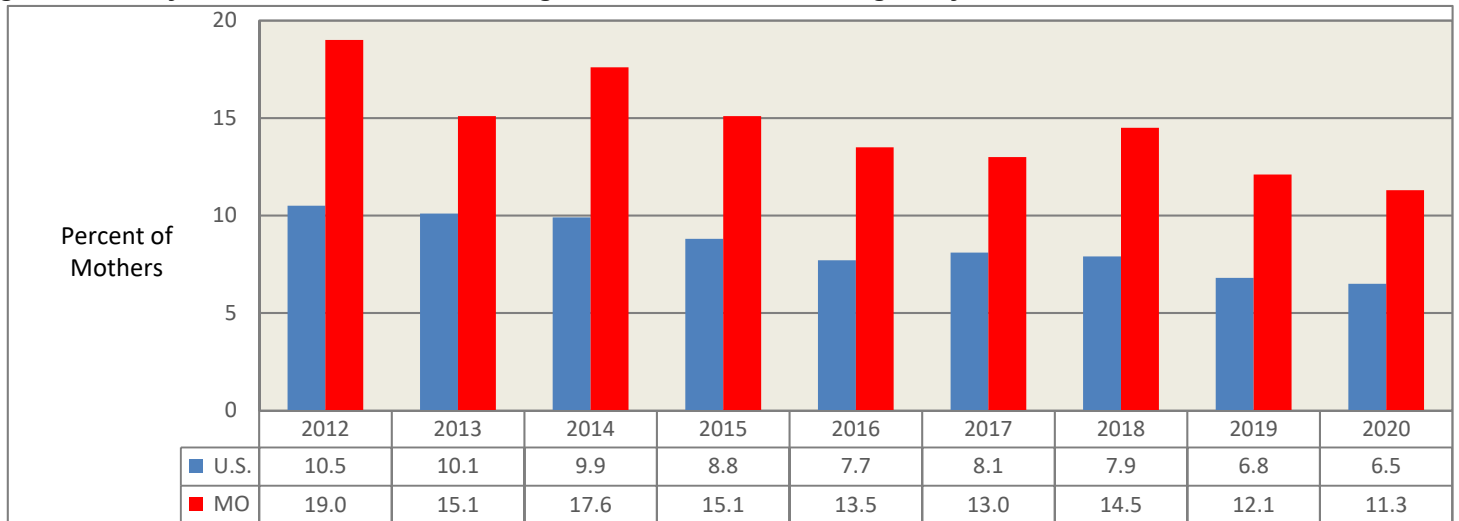
U.S. Department of Health and Human Services, Centers for Disease Control and Prevention: Pregnancy Risk Assessment Monitoring System.

CIGARETTE USE BY MOTHERS OF NEWBORNS

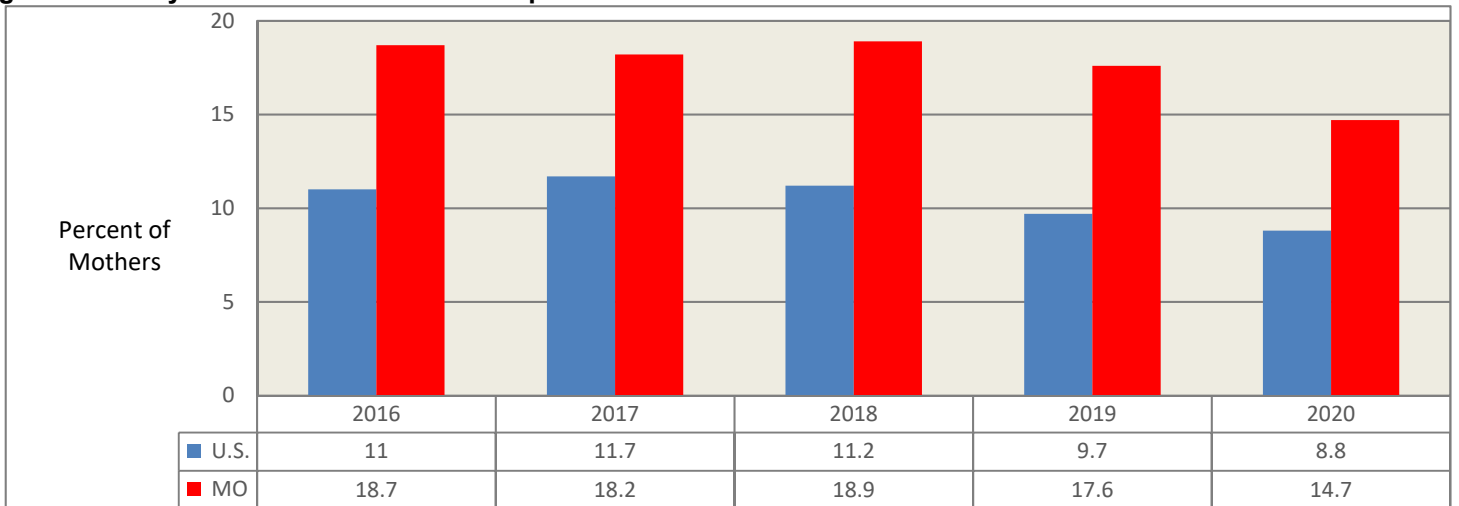
Cigarette Use by Mothers of Newborns during the 3 Months Before Pregnancy



Cigarette Use by Mothers of Newborns during the Last 3 Months of Pregnancy



Cigarette Use by Mothers of Newborns Postpartum



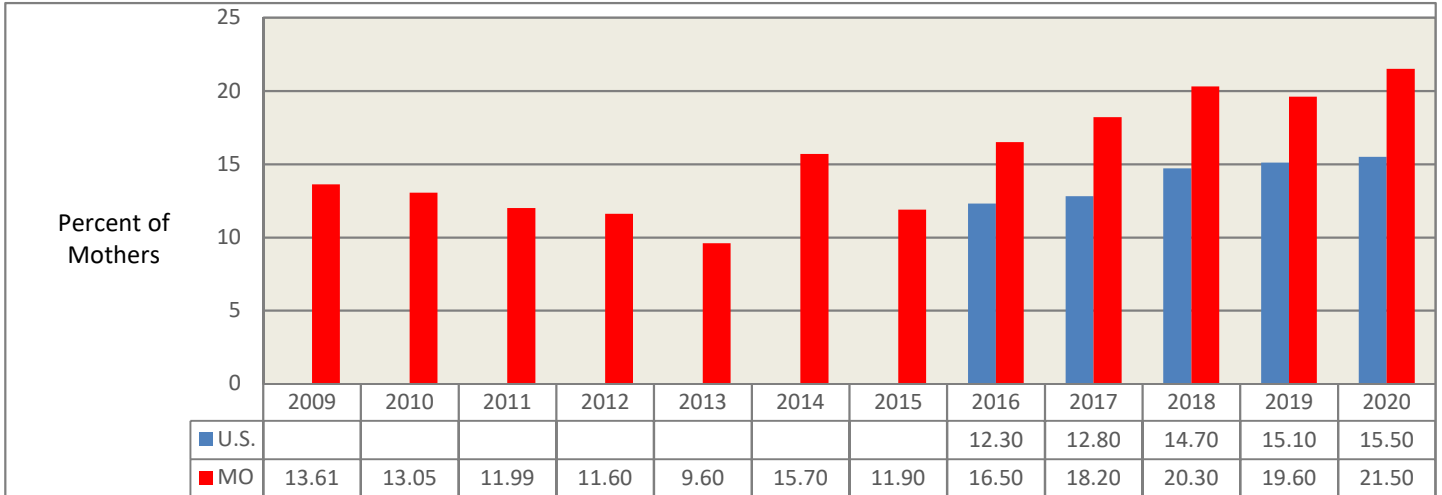
Data Sources:

Missouri Department of Health and Senior Services, Office of Epidemiology.

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

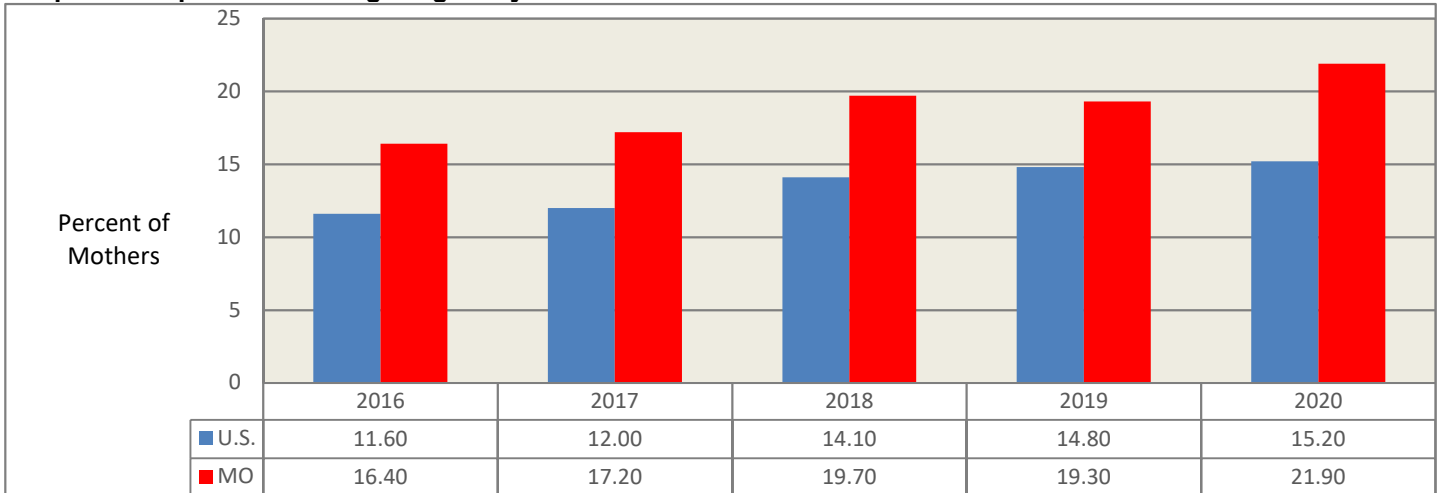
DEPRESSION IN MOTHERS OF NEWBORNS

Self-reported Depression in the 3 Months Before Pregnancy *

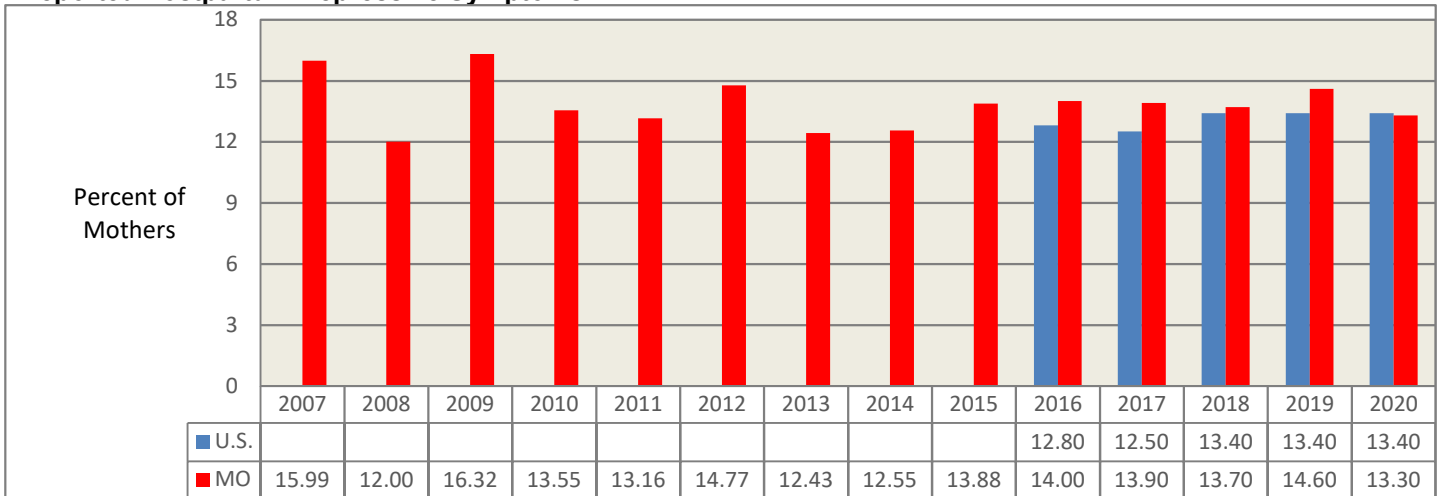


* The 2012-2015 surveys asked the mothers if they had depression before pregnancy, but did not specify the 3-month time interval.

Self-reported Depression During Pregnancy



Self-reported Postpartum Depressive Symptoms



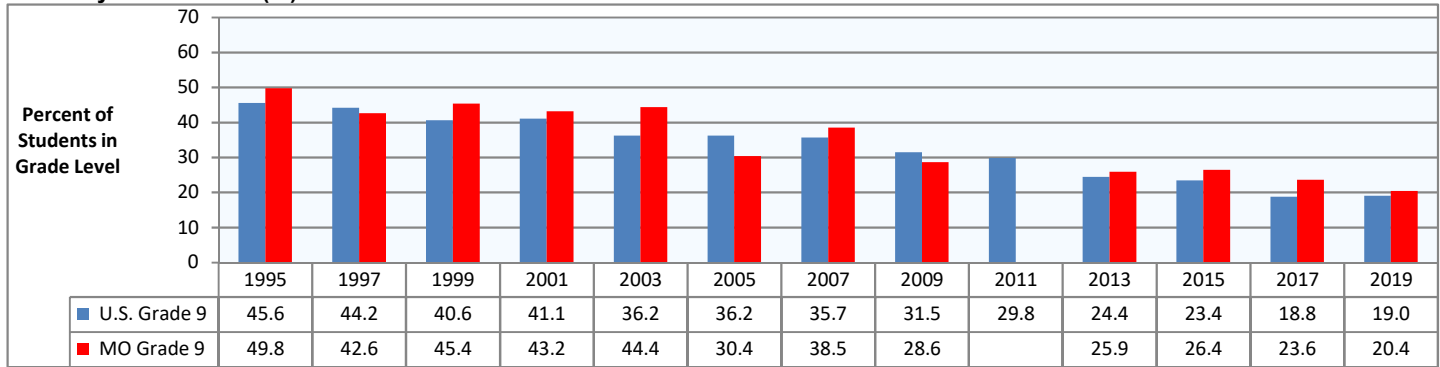
Data Sources:

Missouri Department of Health and Senior Services, Office of Epidemiology.

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

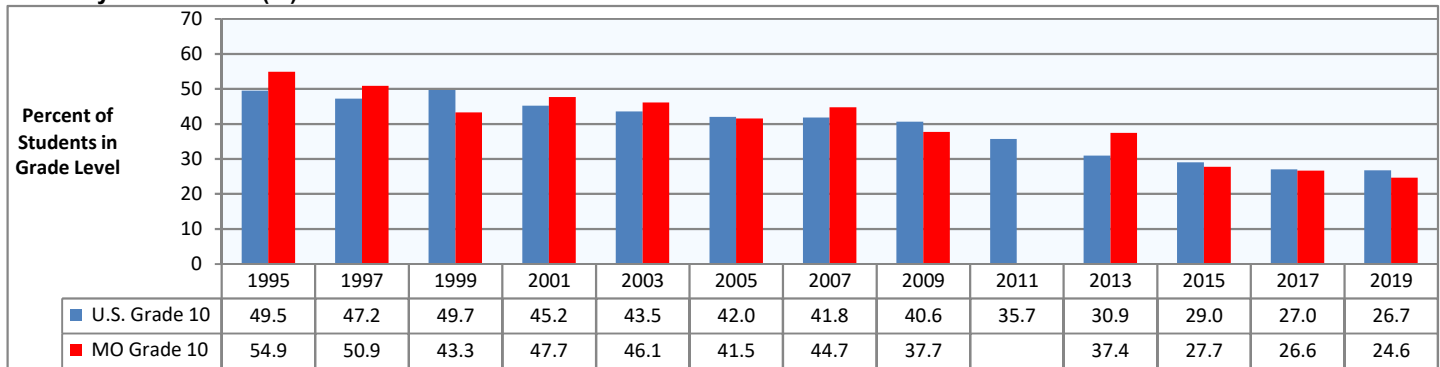
PAST 30-DAY ALCOHOL USE: U.S. AND MISSOURI STUDENTS IN GRADES 9-12

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



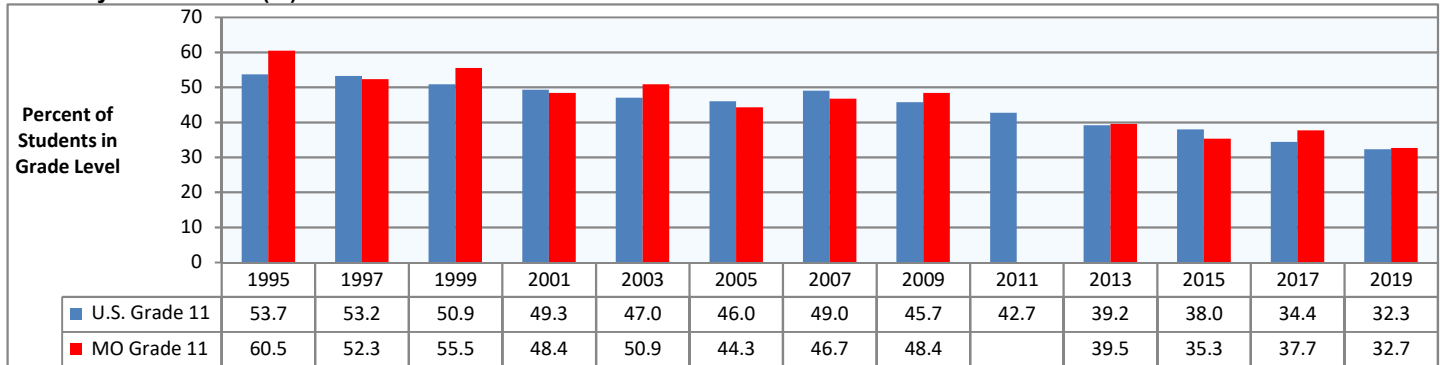
Data Source: U.S. Dept. of HHS, Centers for Disease Control and Prevention. Estimates from the Youth Risk Behavior Survey

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



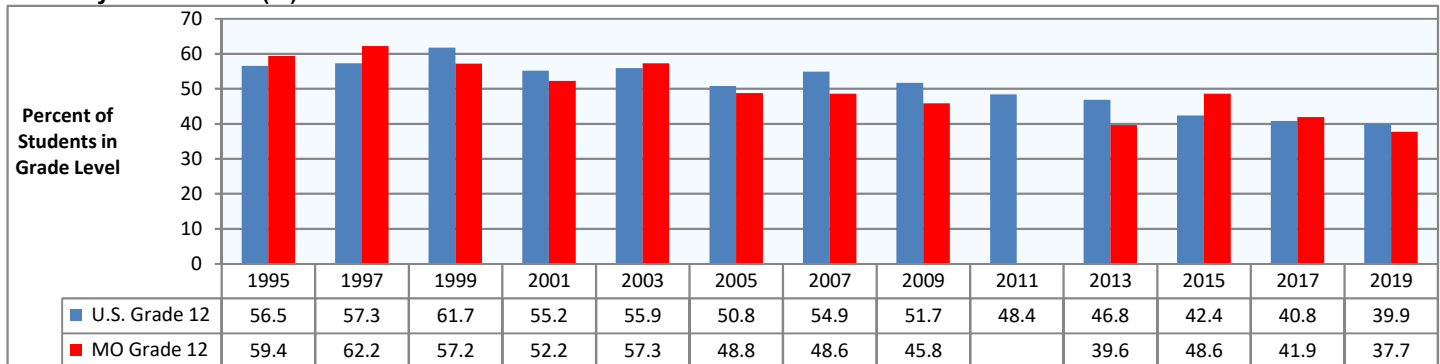
Data Source: U.S. Dept. of HHS, Centers for Disease Control and Prevention. Estimates from the Youth Risk Behavior Survey

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



Data Source: U.S. Dept. of HHS, Centers for Disease Control and Prevention. Estimates from the Youth Risk Behavior Survey

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

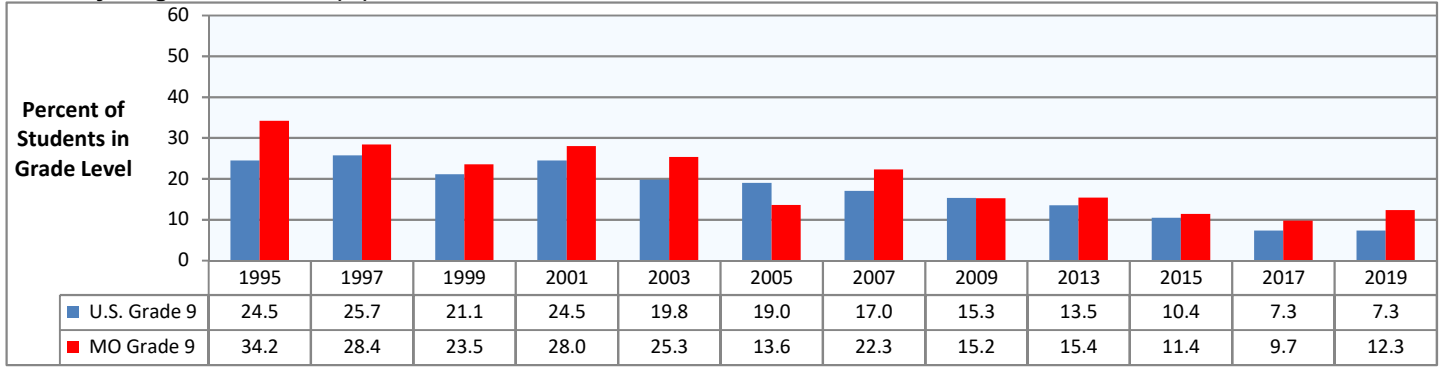


Data Source: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention. Youth Risk Behavior Survey.

Data shown are weighted estimates. 2011 Missouri estimates are not available due to insufficient survey response rate.

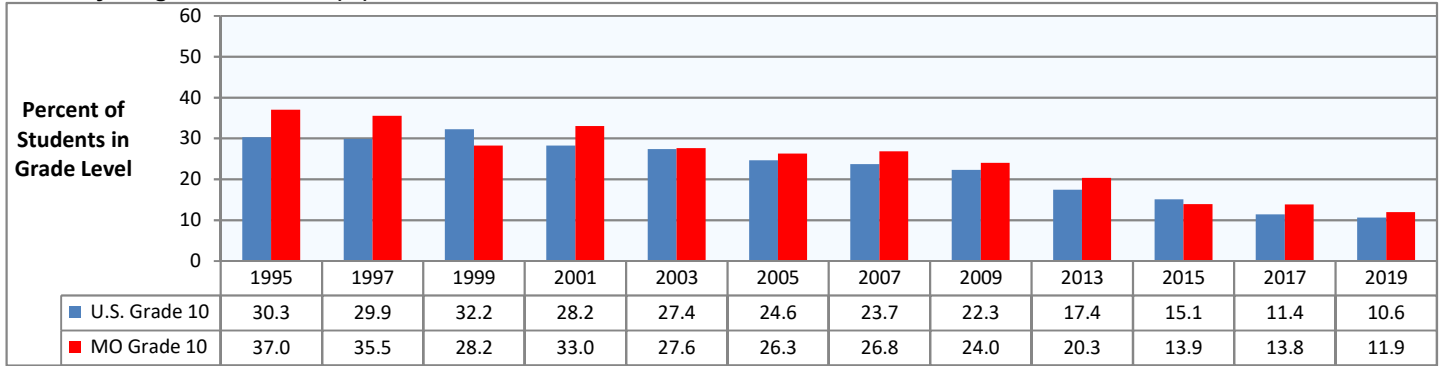
PAST 30-DAY BINGE ALCOHOL USE: U.S. AND MISSOURI STUDENTS IN GRADES 9-12

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



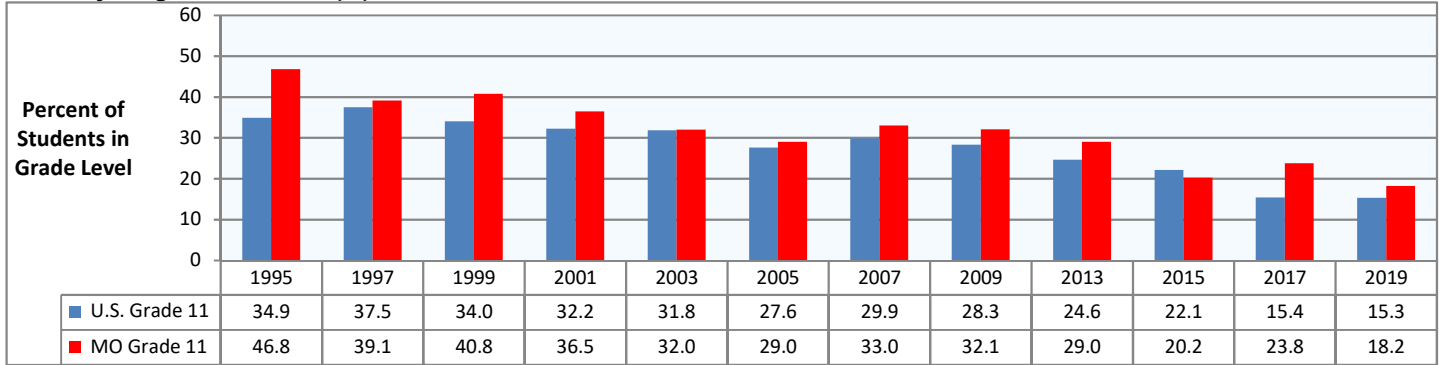
Data Source: U.S. Dept. of HHS, Centers for Disease Control and Prevention. Estimates from the Youth Risk Behavior Survey

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



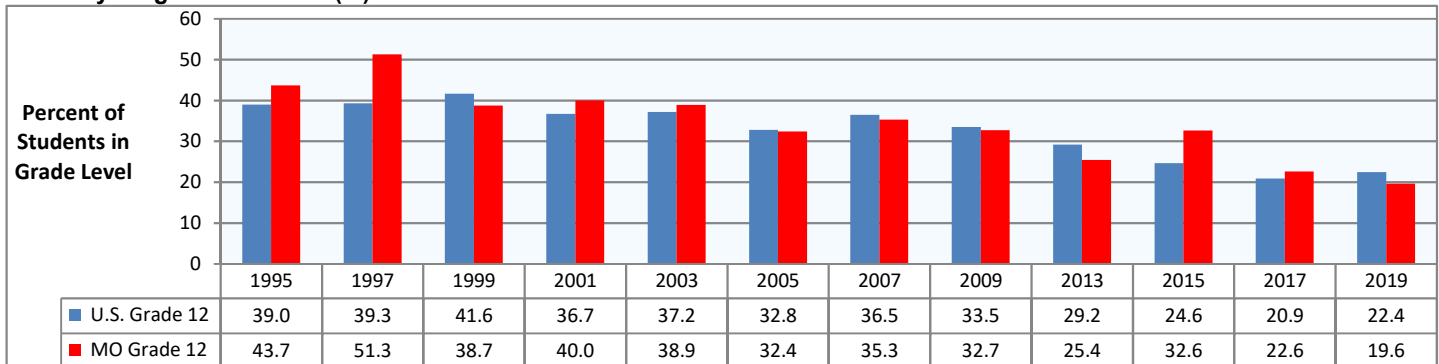
Data Source: U.S. Dept. of HHS, Centers for Disease Control and Prevention. Estimates from the Youth Risk Behavior Survey

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



Data Source: U.S. Dept. of HHS, Centers for Disease Control and Prevention. Estimates from the Youth Risk Behavior Survey

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

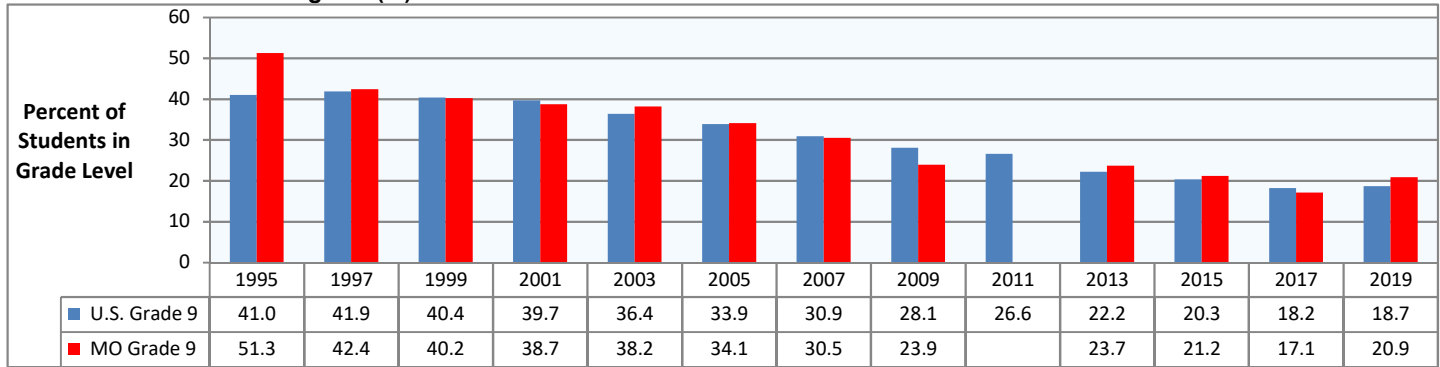


Data Source: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention. Youth Risk Behavior Survey.

Data shown are weighted estimates. 2011 U.S. and Missouri estimates are not available for this measure.

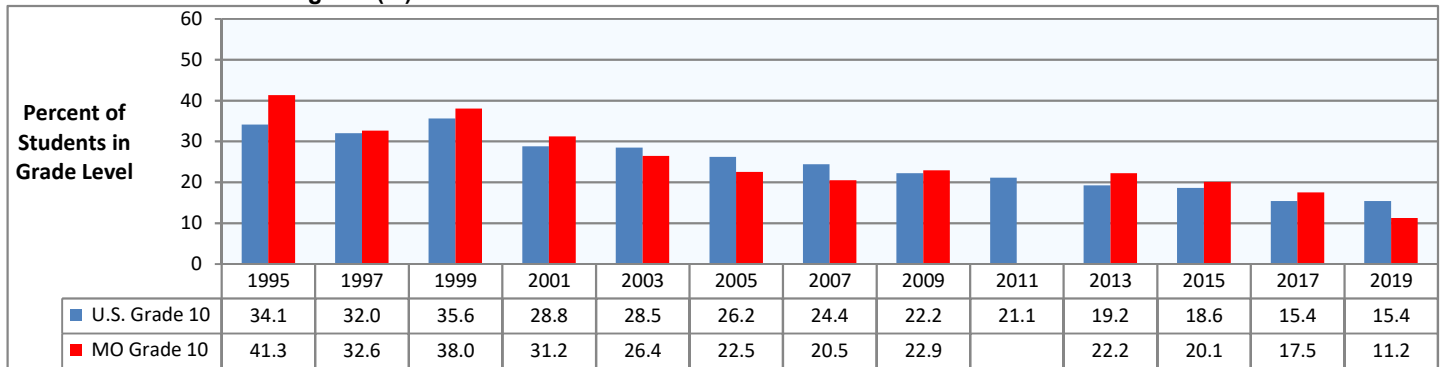
ALCOHOL USE BEFORE AGE 13: U.S. AND MISSOURI STUDENTS IN GRADES 9-12

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



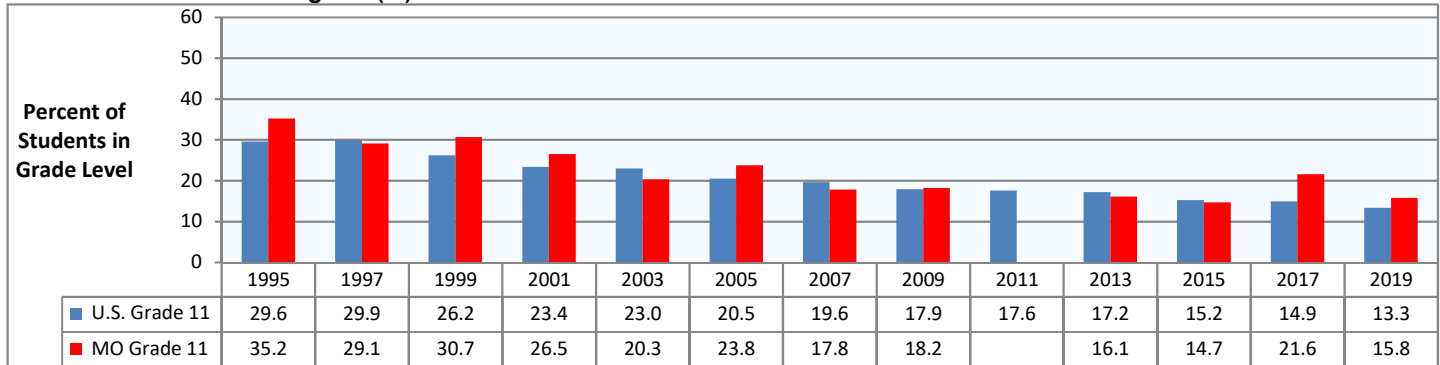
Data Source: U.S. Dept. of HHS, Centers for Disease Control and Prevention. Estimates from the Youth Risk Behavior Survey

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



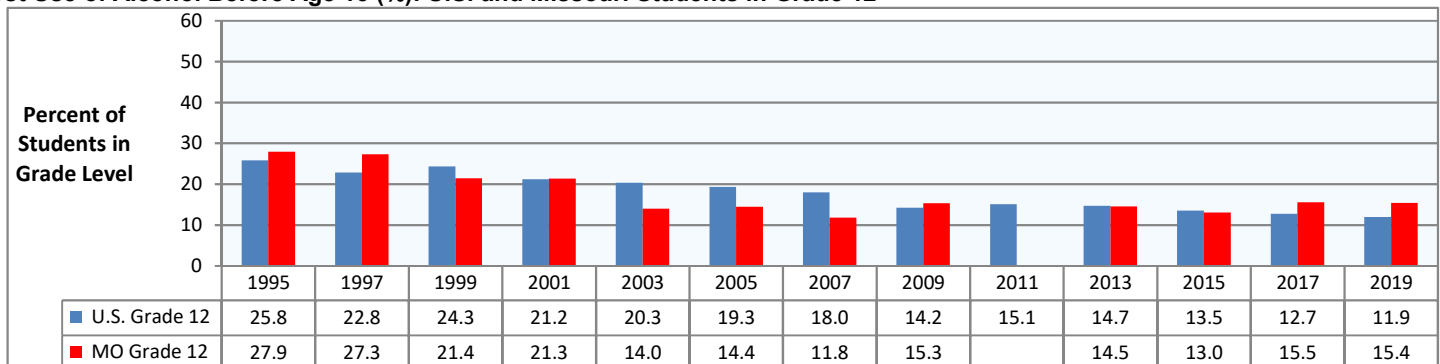
Data Source: U.S. Dept. of HHS, Centers for Disease Control and Prevention. Estimates from the Youth Risk Behavior Survey

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



Data Source: U.S. Dept. of HHS, Centers for Disease Control and Prevention. Estimates from the Youth Risk Behavior Survey

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

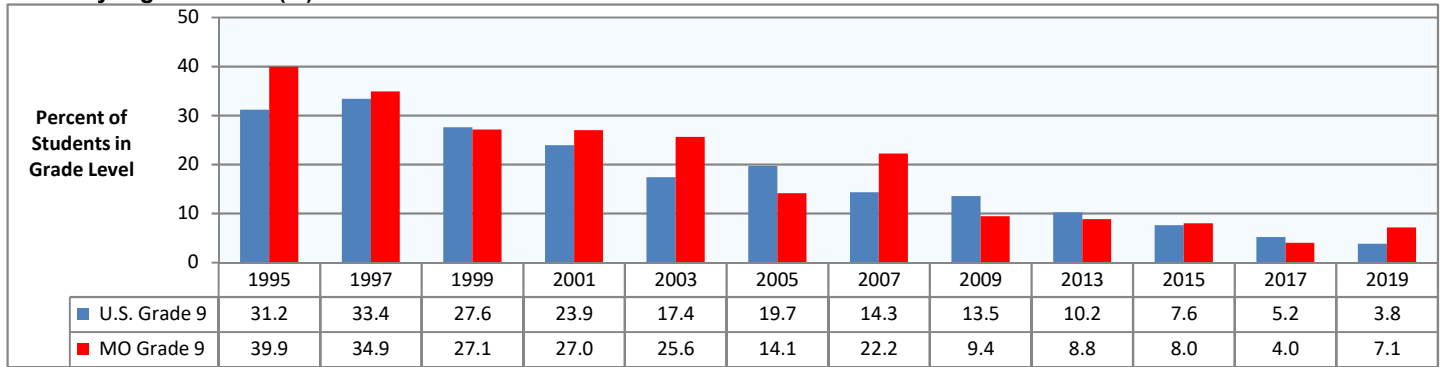


Data Source: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention. Youth Risk Behavior Survey.

Data shown are weighted estimates. 2011 Missouri estimates are not available due to insufficient survey response rate.

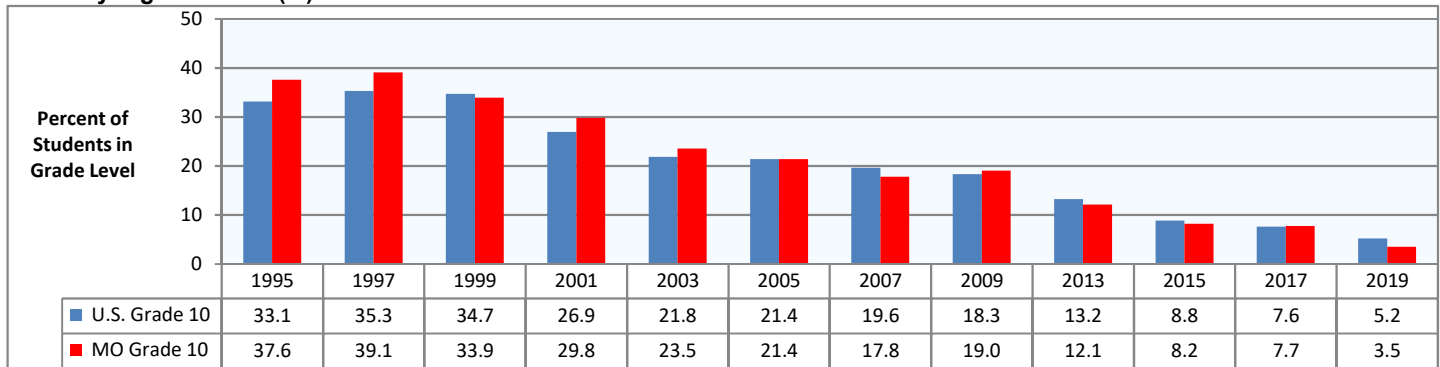
PAST 30-DAY CIGARETTE USE: U.S. AND MISSOURI STUDENTS IN GRADES 9-12

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



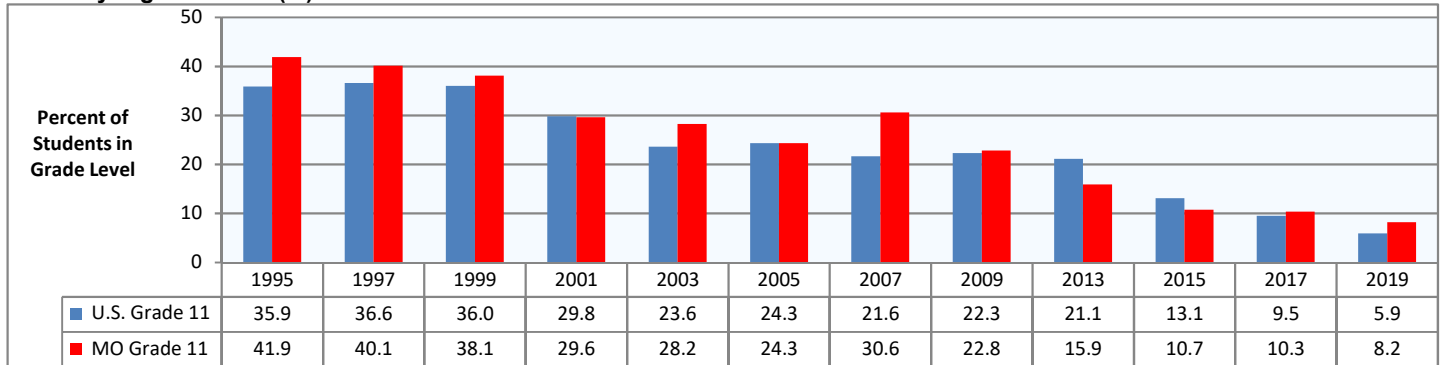
Data Source: U.S. Dept. of HHS, Centers for Disease Control and Prevention. Estimates from the Youth Risk Behavior Survey

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



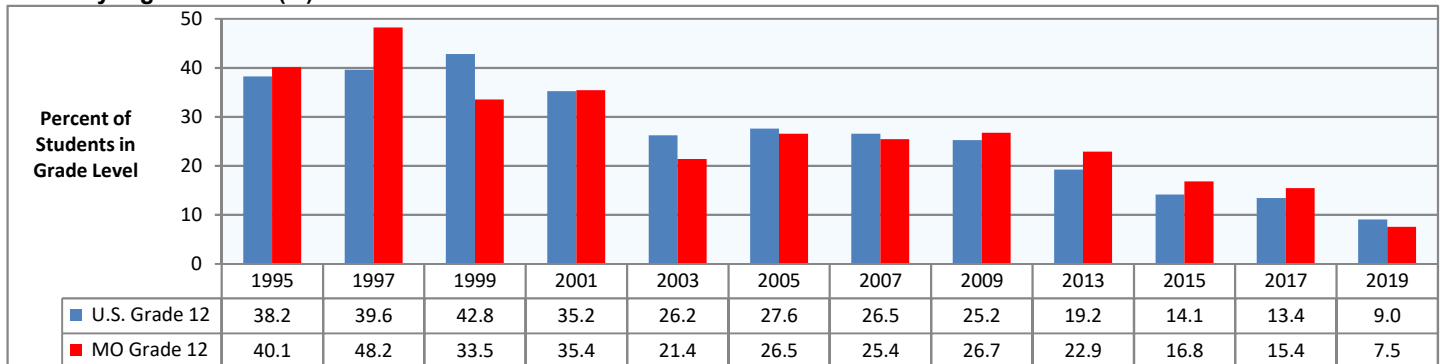
Data Source: U.S. Dept. of HHS, Centers for Disease Control and Prevention. Estimates from the Youth Risk Behavior Survey

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



Data Source: U.S. Dept. of HHS, Centers for Disease Control and Prevention. Estimates from the Youth Risk Behavior Survey

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

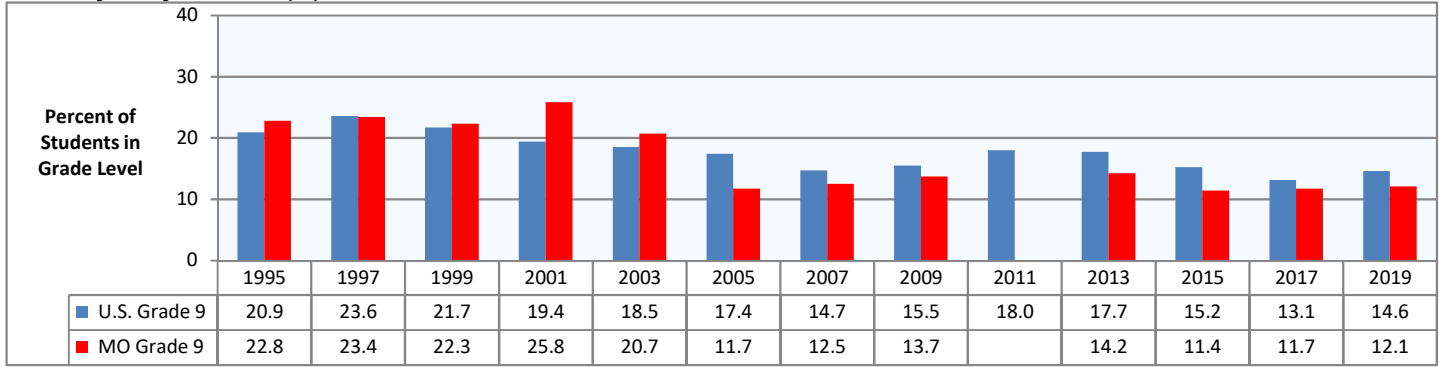


Data Source: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention. Youth Risk Behavior Survey.

Data shown are weighted estimates. 2011 Missouri estimates are not available due to insufficient survey response rate.

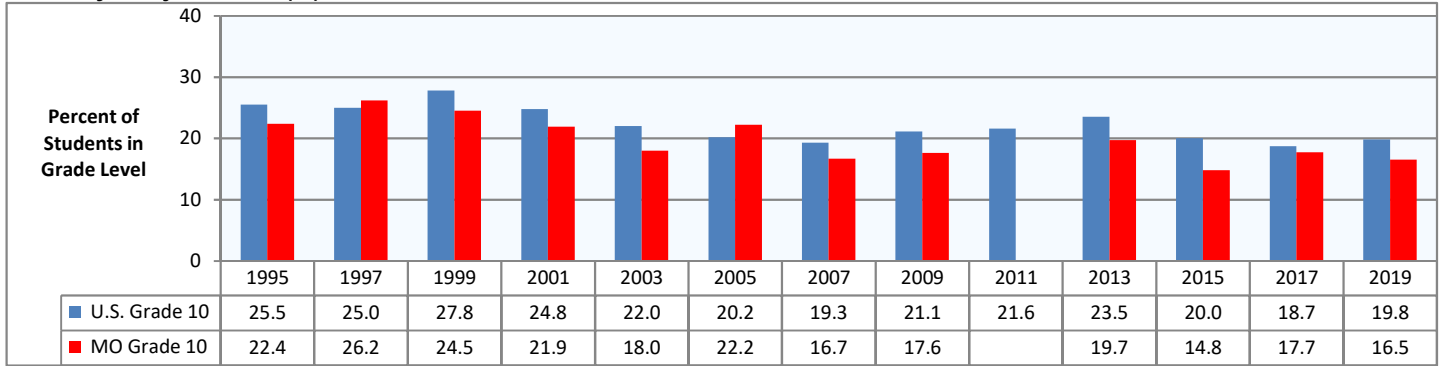
PAST 30-DAY MARIJUANA USE: U.S. AND MISSOURI STUDENTS IN GRADES 9-12

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



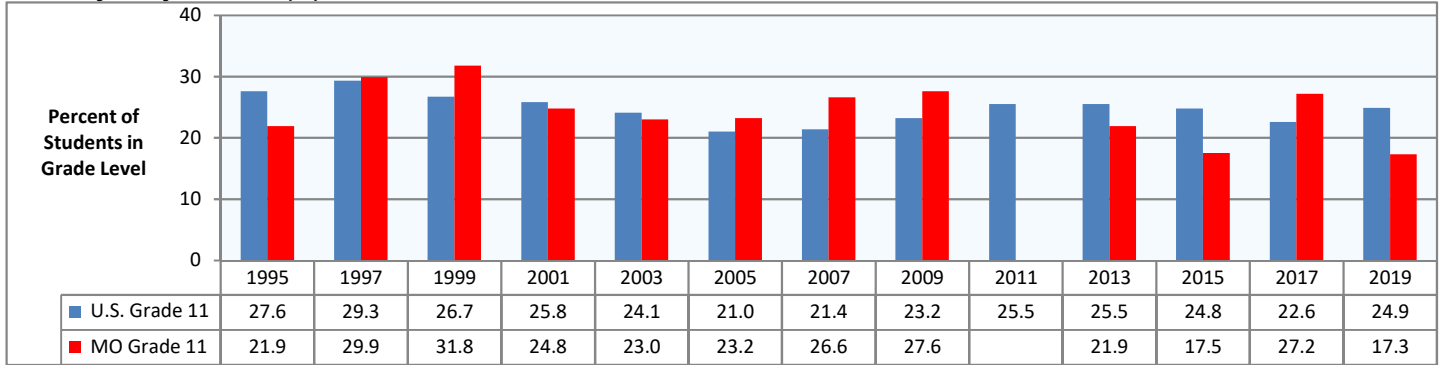
Data Source: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention. Youth Risk Behavior Survey

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



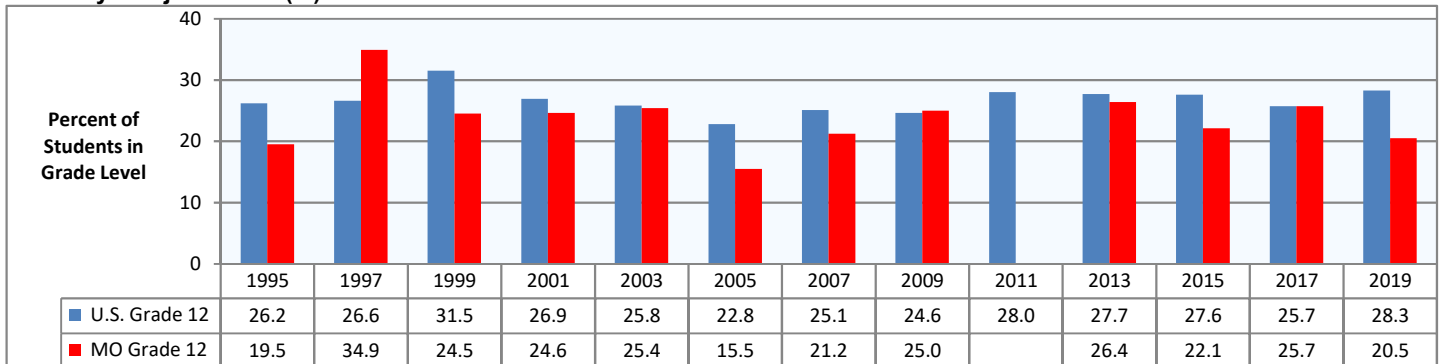
Data Source: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention. Youth Risk Behavior Survey

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



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

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

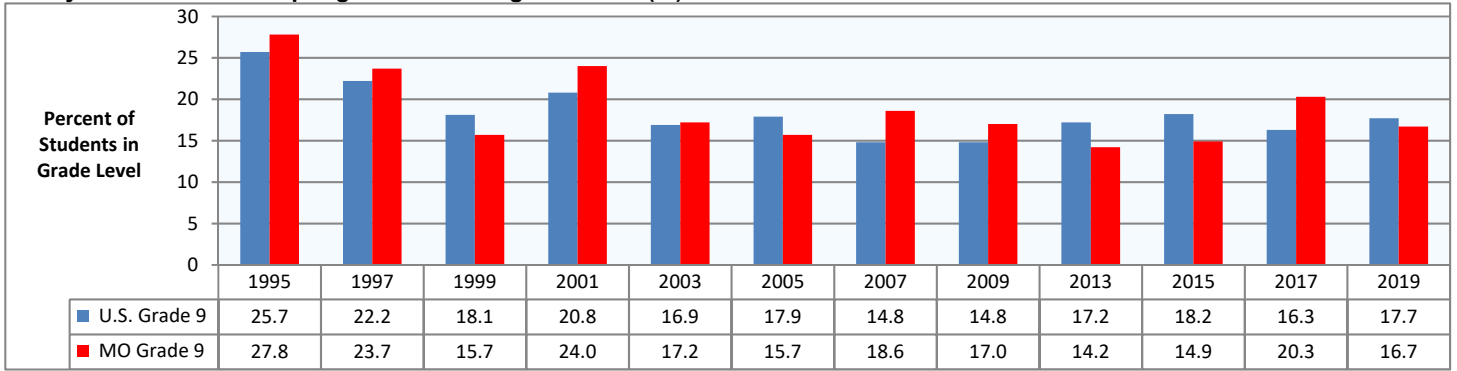


Data Source: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention. Youth Risk Behavior Survey.

Data shown are weighted estimates. 2011 Missouri estimates are not available due to insufficient survey response rate.

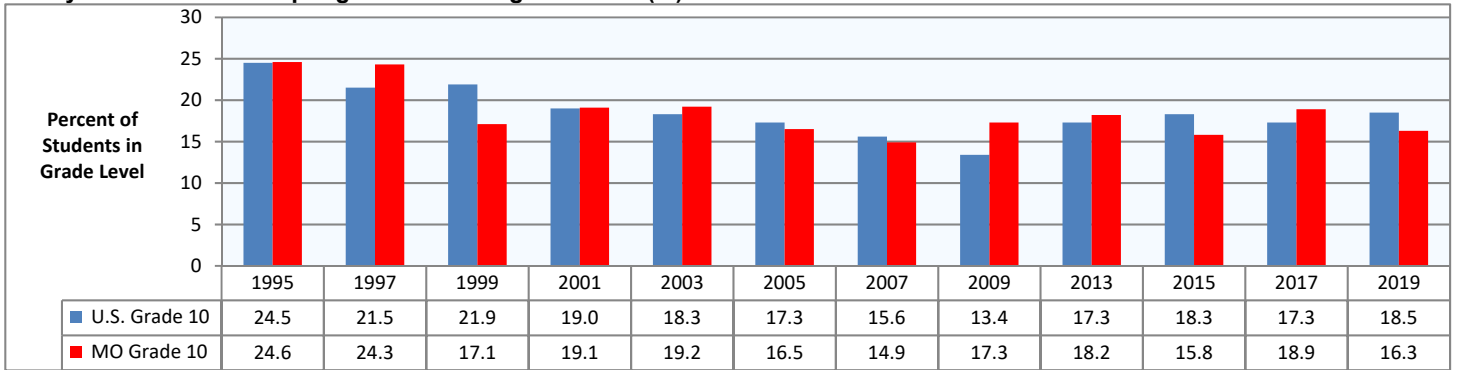
SERIOUSLY CONSIDERED SUICIDE: U.S. AND MISSOURI STUDENTS IN GRADES 9-12

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



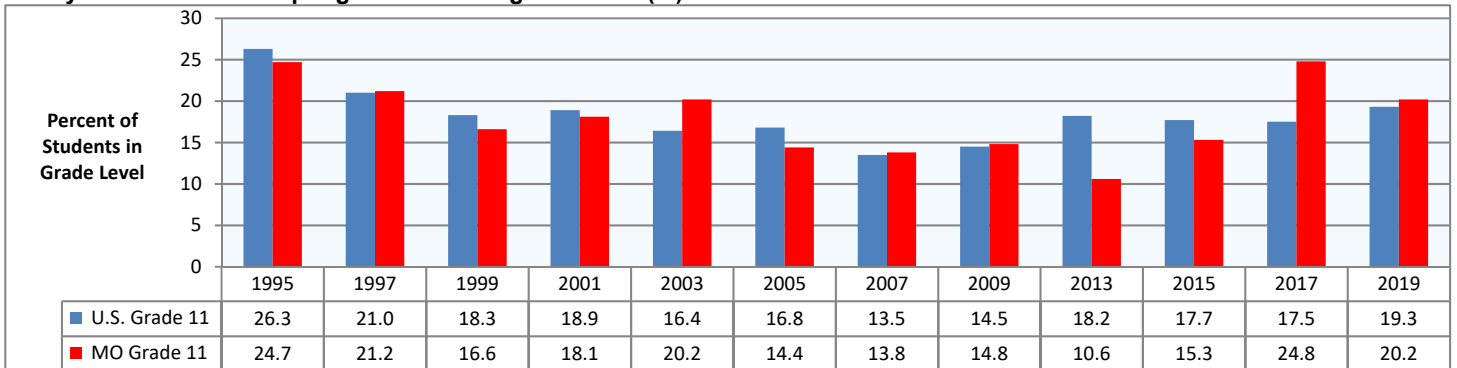
Data Source: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention. Youth Risk Behavior Survey

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



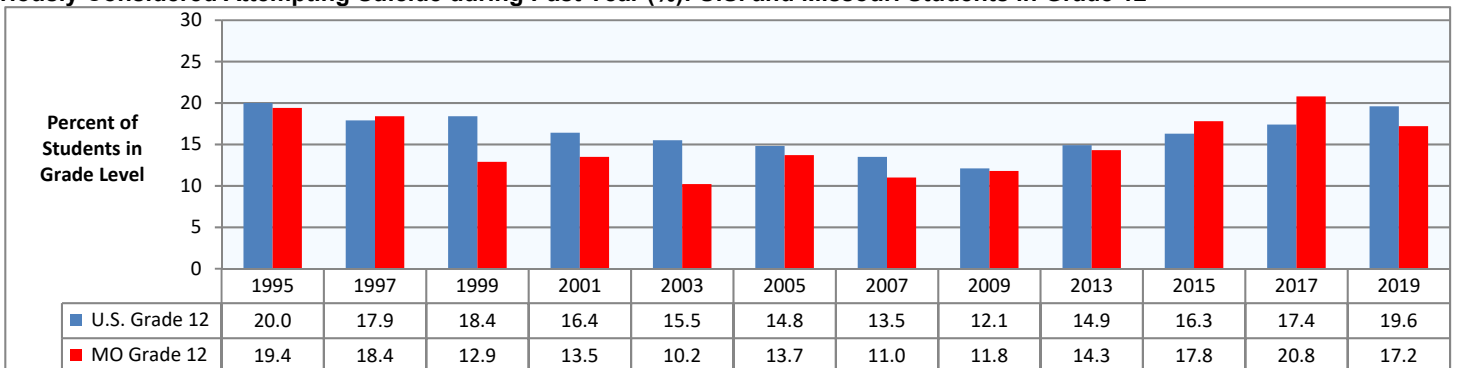
Data Source: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention. Youth Risk Behavior Survey

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



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

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. 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

	2019		2017		2015		2013		2011		2009		2007		2005		2003		2001		1999	
	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	U.S.	MO
Daily Use¹																						
Cigarettes	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	6.2	9.3	8.5	9.8
Smokeless Tobacco	NA	NA	0.6	1.2																		
Electronic Vapor Product	3.6	4.6	1.2	1.3	1.9	1.0																

	2019		2017		2015		2013		2011		2009		2007		2005		2003		2001		1999	
	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	U.S.	MO
Current Use²																						
Alcohol	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	41.1	43.2	40.6	45.4
Binge Drinking 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	24.5	28.0	21.1	23.5
Cigarettes	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	23.9	27.0	27.6	27.1
Frequent Cigarette use ⁴	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	8.9	14.6	11.2	13.7
10 or more Cigarettes per day ⁵	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	9.4	NA	11.9	10.7
Smokeless Tobacco ⁶	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	6.6	9.4	6.8	8.3
Marijuana	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	19.4	25.8	21.7	22.3
Electronic Vapor Product	25.0	14.8	9.5	6.5	19.7	18.8																
Frequent EVP use ⁸	6.2	5.9	1.8	2.1	2.4	1.6																

	2019		2017		2015		2013		2011		2009		2007		2005		2003		2001		1999	
	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	U.S.	MO
Use Before Age 13																						
Alcohol	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	39.7	38.7	40.4	40.2
Cigarettes	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	26.2	31.1	27.0	30.4
Marijuana	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	11.6	15.2	12.7	17.0

	2019		2017		2015		2013		2011		2009		2007		2005		2003		2001		1999	
	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	U.S.	MO
Ever Used⁹																						
Alcohol	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	73.1	76.4	73.4	73.6
Cigarettes	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	58.4	62.5	61.8	67.7
Marijuana	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	32.7	39.9	34.8	43.4
Synthetic Marijuana	5.3	NA	5.5	NA	7.1	NA																
Electronic Vapor Product	40.2	42.8	32.7	31.8	37.2	33.6																
Inhalant	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	17.4	13.9	16.5	13.8
Hallucinogen	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	9.7	NA		
Ecstasy	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	7.5	NA		
Cocaine	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	7.2	8.1	5.8	6.7
Methamphetamine	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	8.1	9.7	6.3	5.7
Heroin	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	3.2	2.5	2.0	1.8
Prescription Pain Medicine ¹⁰	13.8	20.8	10.9	9.3																		
Steroid	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	5.8	4.1	4.7	4.1
Injection Drug Use	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	2.5	1.5	1.6	2.4
Illicit Drugs at School ¹¹	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	29.0	20.4	27.6	21.0

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 due to relatively small numbers of Missouri survey respondents.

Data Source: Youth Risk Behavioral Surveillance System (YRBSS), Youth Online High School YRBS, U.S. Department of Health and Human Services, Centers for Disease Control and Prevention.

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

	2019		2017		2015		2013		2011		2009		2007		2005		2003		2001		1999		
	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	U.S.	MO	
Daily Use¹																							
Cigarettes	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	9.2	11.1	10.9	10.6	
Smokeless Tobacco	NA	NA	1.5	0.9																			
Electronic Vapor Product	5.4	5.7	1.7	1.7	1.7	2.3																	

	2019		2017		2015		2013		2011		2009		2007		2005		2003		2001		1999		
	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	U.S.	MO	
Current Use²																							
Alcohol	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	45.2	47.7	49.7	43.3	
Binge Drinking ³	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	28.2	33.0	32.2	28.2	
Cigarettes	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	26.9	29.8	34.7	33.9	
Frequent Cigarette use ⁴	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	12.3	15.8	15.2	15.3	
10 or more Cigarettes per day ⁵	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	13.2	12.8	11.3	9.3	
Smokeless Tobacco ⁶	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	8.7	11.1	7.1	7.5	
Marijuana	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	24.8	21.9	27.8	24.5	
Electronic Vapor Product	30.5	17.9	11.4	11.0	23.2	16.9																	
Frequent EVP use ⁸	7.7	6.4	2.7	2.3	3.0	2.9																	

	2019		2017		2015		2013		2011		2009		2007		2005		2003		2001		1999		
	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	U.S.	MO	
Use Before Age 13																							
Alcohol	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	28.8	31.2	35.6	38.0	
Cigarettes	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	22.9	26.5	28.5	27.2	
Marijuana	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	12.1	10.9	12.6	13.1	

	2019		2017		2015		2013		2011		2009		2007		2005		2003		2001		1999		
	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	U.S.	MO	
Ever Used⁹																							
Alcohol	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	76.3	78.8	83.2	79.2	
Cigarettes	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	62.6	68.9	73.9	70.8	
Marijuana	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	41.7	38.9	49.1	48.7	
Synthetic Marijuana	7.2	NA	7.2	NA	8.8	NA																	
Electronic Vapor Product	48.3	47.5	41.0	34.5	43.3	30.8																	
Inhalant	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	14.0	14.2	16.0	13.8	
Hallucinogen	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	13.3	NA			
Ecstasy	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	10.5	NA			
Cocaine	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	8.6	5.0	9.9	6.0	
Methamphetamine	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	9.7	7.5	9.3	8.2	
Heroin	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	3.3	1.5	1.8	2.4	
Prescription Pain Medicine ¹⁰	13.8	16.6	12.8	13.7																			
Steroid	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	4.9	6.1	3.6	3.6	
Injection Drug Use	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	2.6	1.2	1.2	1.6	
Illicit Drugs at School ¹¹	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	29.0	19.6	32.1	18.9	

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 due to relatively small numbers of Missouri survey respondents.

Data Source: Youth Risk Behavioral Surveillance System (YRBSS), Youth Online High School YRBS, U.S. Department of Health and Human Services, Centers for Disease Control and Prevention.

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

Daily Use ¹	2019		2017		2015		2013		2011		2009		2007		2005		2003		2001		1999	
	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	U.S.	MO
Cigarettes	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	12.2	14.8	14.5	13.9
Smokeless Tobacco	NA	NA	1.5	2.3																		
Electronic Vapor Product	8.3	8.6	2.7	2.3	1.8	2.6																

Current Use ²	2019		2017		2015		2013		2011		2009		2007		2005		2003		2001		1999	
	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	U.S.	MO
Alcohol	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	49.3	48.4	50.9	55.5
Binge Drinking ³	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	32.2	36.5	34.0	40.8
Cigarettes	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	29.8	29.6	36.0	38.1
Frequent Cigarette use ⁴	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	15.2	18.4	18.7	17.5
10 or more Cigarettes per day ⁵	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	15.6	21.0	13.7	12.3
Smokeless Tobacco ⁶	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	9.0	10.4	8.4	8.5
Marijuana	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	25.8	24.8	26.7	31.8
Electronic Vapor Product	35.9	30.2	14.1	13.7	25.9	22.7																
Frequent EVP use ⁸	12.5	13.2	3.7	2.8	3.0	3.1																

Use Before Age 13	2019		2017		2015		2013		2011		2009		2007		2005		2003		2001		1999	
	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	U.S.	MO
Alcohol	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	23.4	26.5	26.2	30.6
Cigarettes	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	18.5	22.2	21.1	23.2
Marijuana	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	8.5	12.9	9.5	14.8

Ever Used ⁹	2019		2017		2015		2013		2011		2009		2007		2005		2003		2001		1999	
	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	U.S.	MO
Alcohol	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	80.4	78.6	80.8	84.6
Cigarettes	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	65.9	68.4	69.9	69.5
Marijuana	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	47.2	45.3	49.7	54.5
Synthetic Marijuana	8.5	NA	6.8	NA	10.0	NA																
Electronic Vapor Product	53.0	59.0	48.0	47.4	49.5	40.8																
Inhalant	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	13.8	12.1	13.4	12.3
Hallucinogen	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	14.2	NA		
Ecstasy	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	13.7	NA		
Cocaine	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	10.4	10.2	9.9	8.6
Methamphetamine	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	8.2	9.7	10.1	8.4
Heroin	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	2.8	2.5	2.6	1.5
Prescription Pain Medicine ¹⁰	15.9	24.5	15.4	16.5																		
Steroid	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	4.3	4.2	3.0	2.4
Injection Drug Use	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	1.9	1.4	2.0	1.6
Illicit Drugs at School ¹¹	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	28.7	25.5	31.1	20.7

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 due to relatively small numbers of Missouri survey respondents.

Data Source: Youth Risk Behavioral Surveillance System (YRBSS), Youth Online High School YRBS, U.S. Department of Health and Human Services, Centers for Disease Control and Prevention.

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

	2019		2017		2015		2013		2011		2009		2007		2005		2003		2001		1999	
	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	U.S.	MO
Daily Use¹																						
Cigarettes	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	15.1	19.6	18.5	14.9
Smokeless Tobacco	NA	NA	2.6	2.2																		
Electronic Vapor Product	12.0	9.8	4.0	3.6	2.2	1.2																

	2019		2017		2015		2013		2011		2009		2007		2005		2003		2001		1999	
	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	U.S.	MO
Current Use²																						
Alcohol	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	55.2	52.2	61.7	57.2
Binge Drinking ³	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	36.7	40.0	41.6	38.7
Cigarettes	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	35.2	35.4	42.8	33.5
Frequent Cigarette use ⁴	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	21.0	23.8	23.1	19.6
10 or more Cigarettes per day ⁵	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	18.7	25.1	21.1	19.3
Smokeless Tobacco ⁶	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	8.7	10.2	8.9	6.9
Marijuana	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	26.9	24.6	31.5	24.5
Electronic Vapor Product	40.4	22.6	18.3	14.0	28.2	30.1																
Frequent EVP use ⁸	16.8	13.5	5.0	3.9	3.2	4.0																

	2019		2017		2015		2013		2011		2009		2007		2005		2003		2001		1999	
	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	U.S.	MO
Use Before Age 13																						
Alcohol	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	21.2	21.3	24.3	21.4
Cigarettes	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	19.0	21.1	20.7	17.8
Marijuana	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	7.8	9.5	9.5	8.2

	2019		2017		2015		2013		2011		2009		2007		2005		2003		2001		1999	
	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	U.S.	MO
Ever Used⁹																						
Alcohol	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	85.1	87.7	88.3	80.8
Cigarettes	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	71.1	75.9	78.0	72.1
Marijuana	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	51.5	50.5	58.4	53.3
Synthetic Marijuana	8.2	NA	7.6	NA	11.0	NA																
Electronic Vapor Product	60.1	51.4	48.6	50.1	50.9	57.5																
Inhalant	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	12.5	9.6	11.3	9.8
Hallucinogen	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	17.0	NA		
Ecstasy	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	14.1	NA		
Cocaine	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	12.1	11.4	13.7	9.3
Methamphetamine	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	12.8	14.8	11.5	10.8
Heroin	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	3.0	3.7	3.3	1.9
Prescription Pain Medicine ¹⁰	13.9	29.8	17.0	16.9																		
Steroid	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	4.3	6.3	3.3	2.9
Injection Drug Use	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	2.1	1.8	2.3	1.7
Illicit Drugs at School ¹¹	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	26.9	16.7	30.5	16.7

NA Data not available.

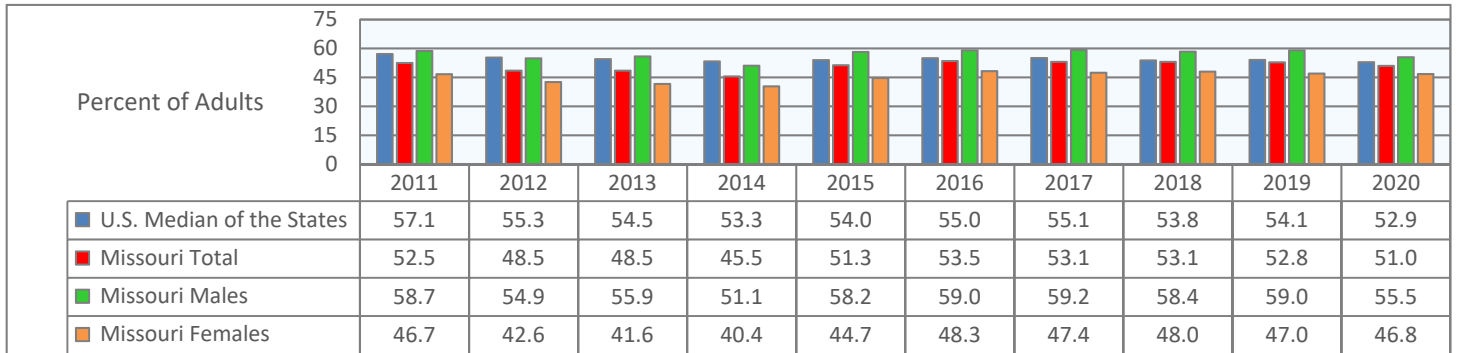
- 1 Use of the substance on all 30 days during the 30 days prior to the survey.
- 2 Use of the substance on at least 1 day during the 30 days prior to the survey
- 3 Binge alcohol use in the YRBS is defined as males consuming 5 or more drinks in a row and females consuming 4 or more drinks in a row within 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 due to relatively small numbers of Missouri survey respondents.

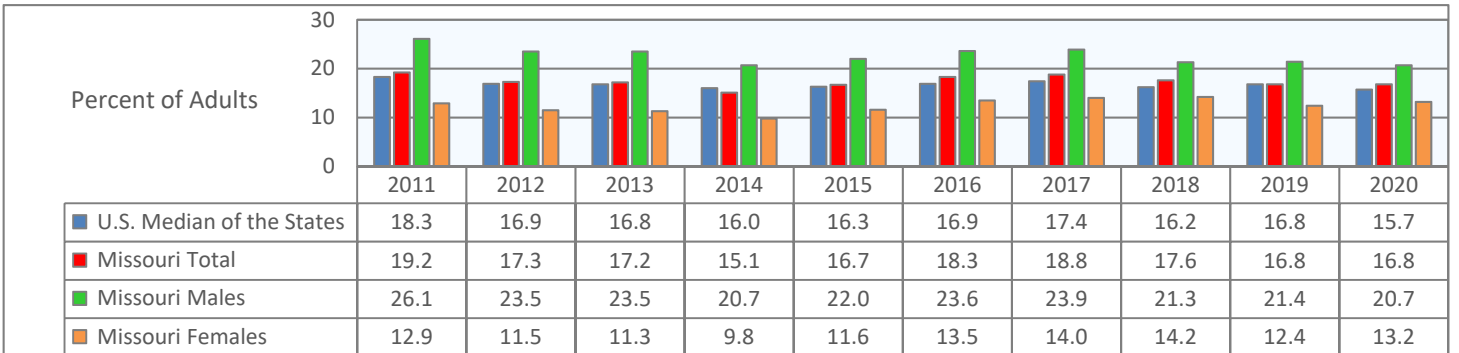
Data Source: Youth Risk Behavioral Surveillance System (YRBSS), Youth Online High School YRBS, U.S. Department of Health and Human Services, Centers for Disease Control and Prevention.

BEHAVIORAL RISK FACTOR SURVEY: ALCOHOL USE

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

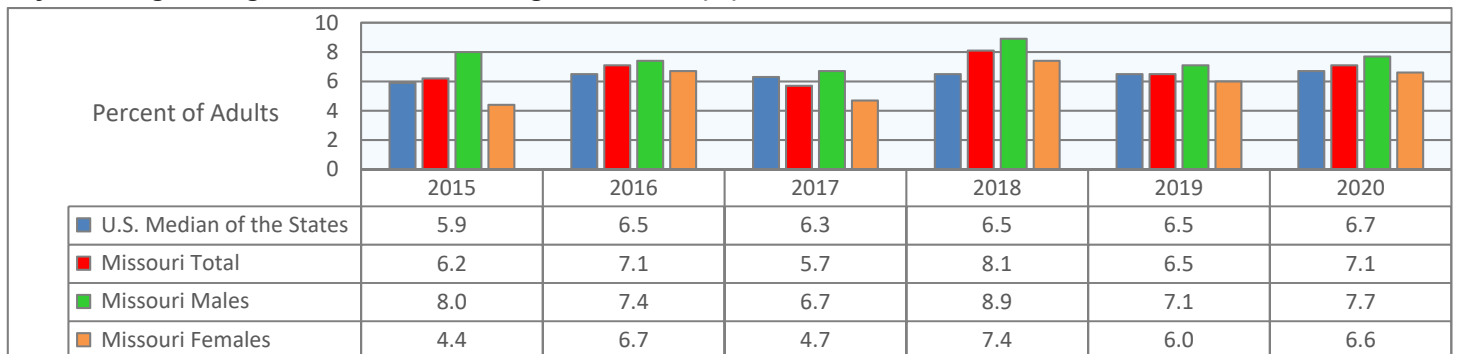


Binge Drinking among Adults 18 Years of Age and Older (%)



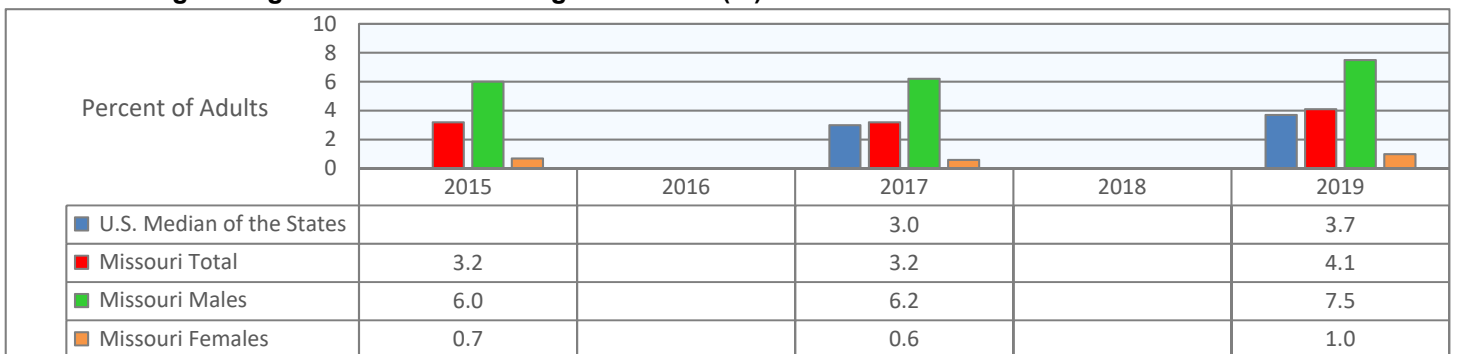
Binge drinking is defined in the BRFSS as males having 5 or more drinks on one occasion and females having 4 or more drinks on one occasion.

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.

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

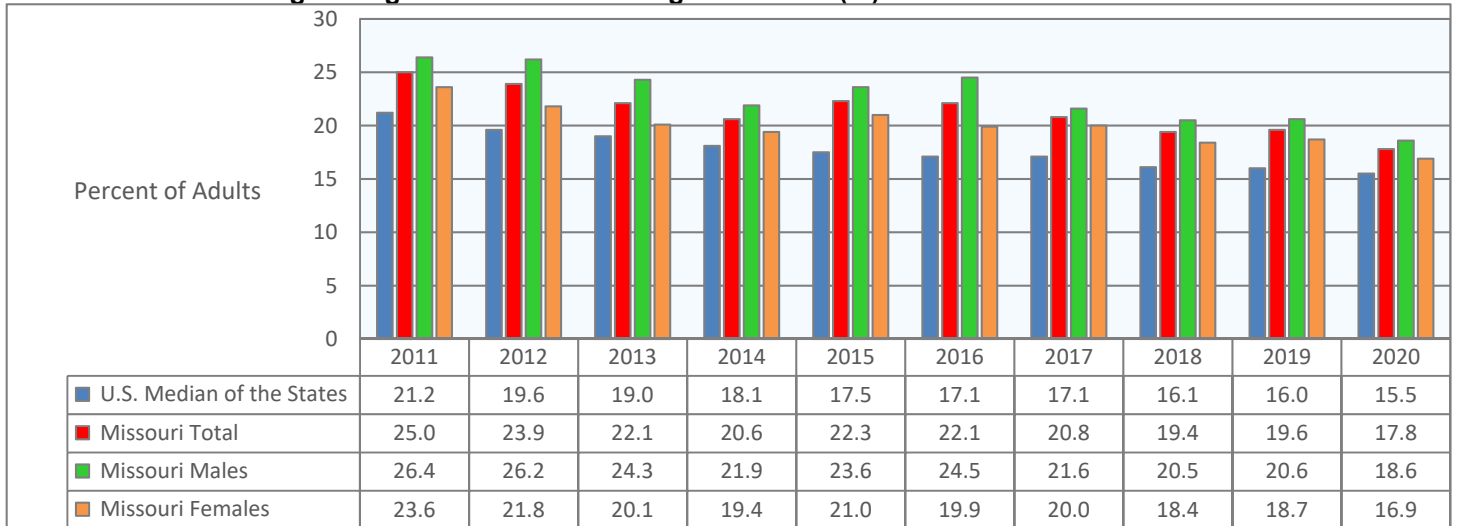


Chronic drinking in the BRFSS is defined as having more than 60 drinks in the past month.

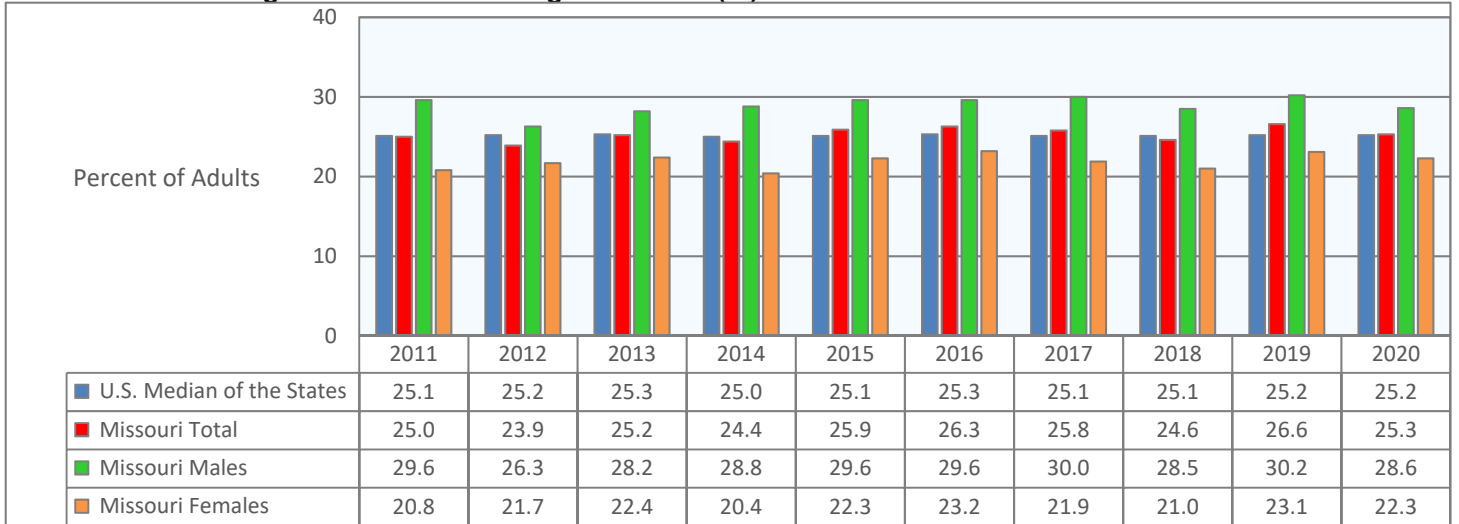
Data Source: Behavioral Risk Factor Survey, Behavioral Risk Factor Surveillance System (BRFSS), Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion, Division of Population Health.
Small differences in rate estimates for Missouri year-to-year and Missouri/U.S. comparisons might not be statistically significant.

BEHAVIORAL RISK FACTOR SURVEY: PREVALENCE OF TOBACCO SMOKING

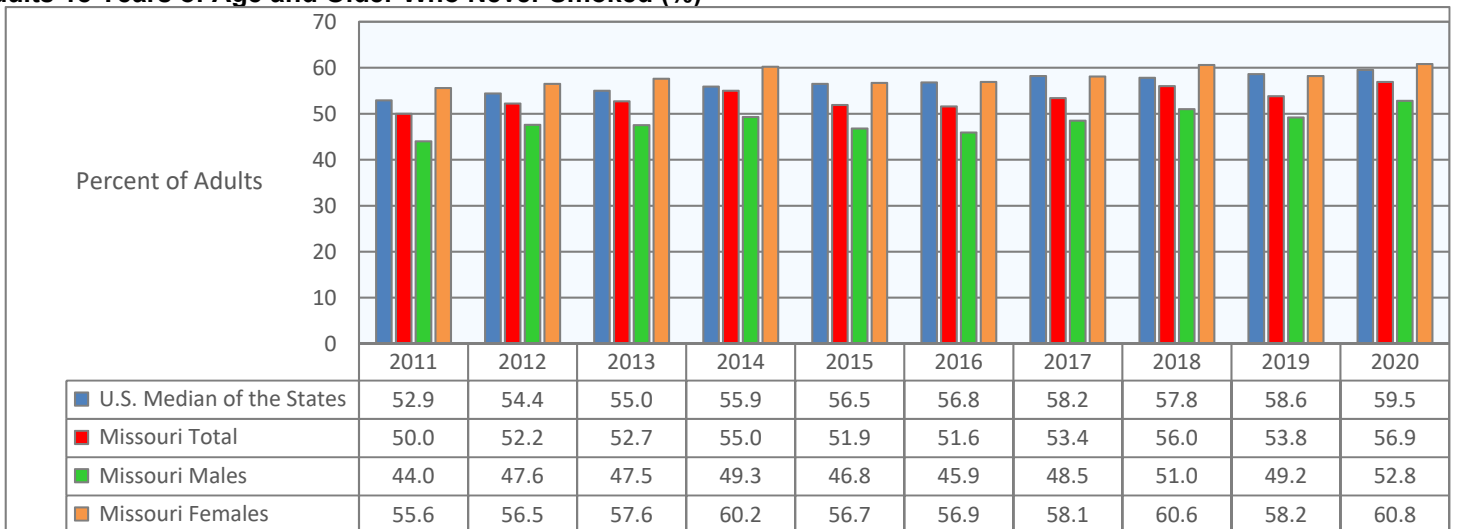
Current Tobacco Smoking among Adults 18 Years of Age and Older (%)



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



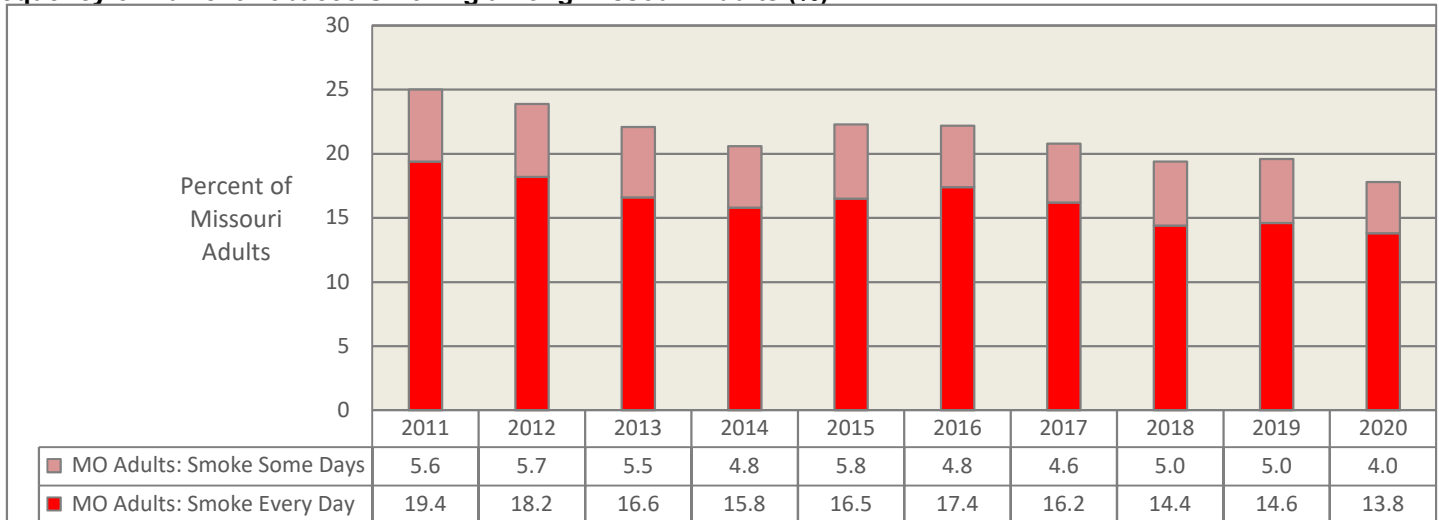
Adults 18 Years of Age and Older Who Never Smoked (%)



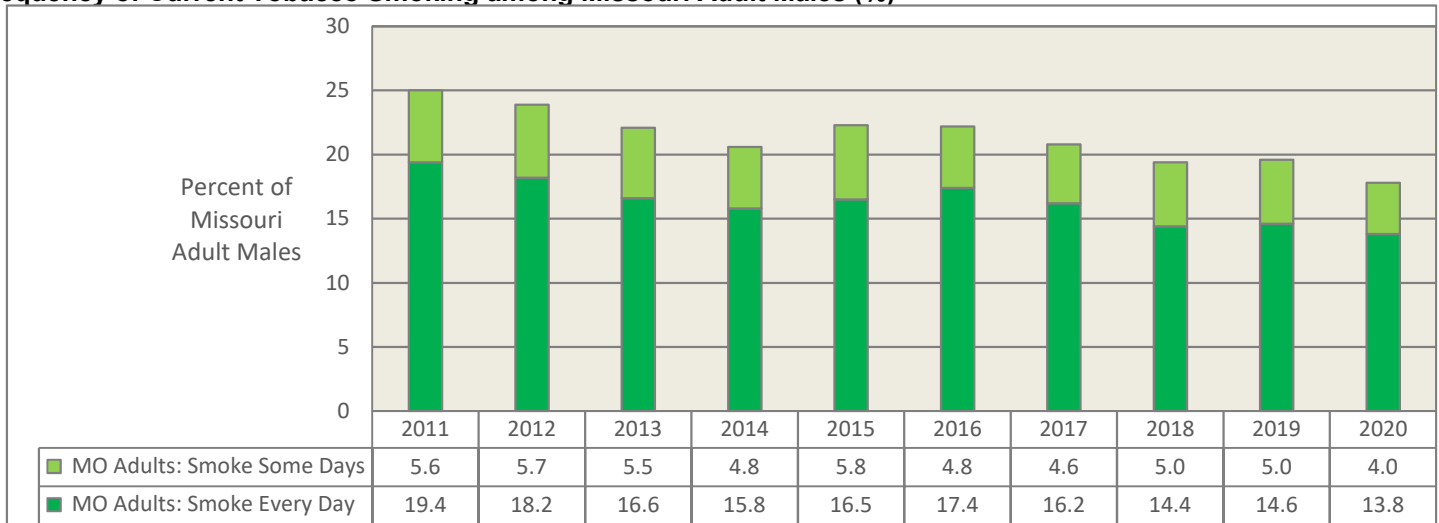
Data Source: Behavioral Risk Factor Survey, Behavioral Risk Factor Surveillance System (BRFSS), Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion, Division of Population Health.
 Small differences in rate estimates for Missouri year-to-year and Missouri/U.S. comparisons might not be statistically significant.

BEHAVIORAL RISK FACTOR SURVEY: FREQUENCY OF TOBACCO SMOKING

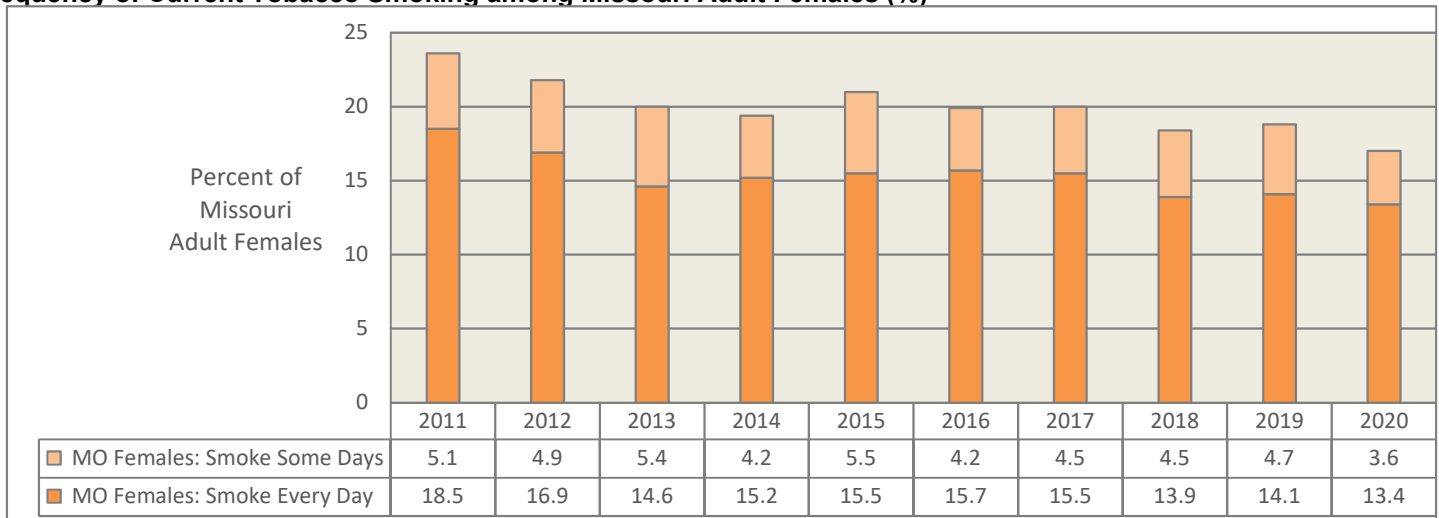
Frequency of Current Tobacco Smoking among Missouri Adults (%)



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



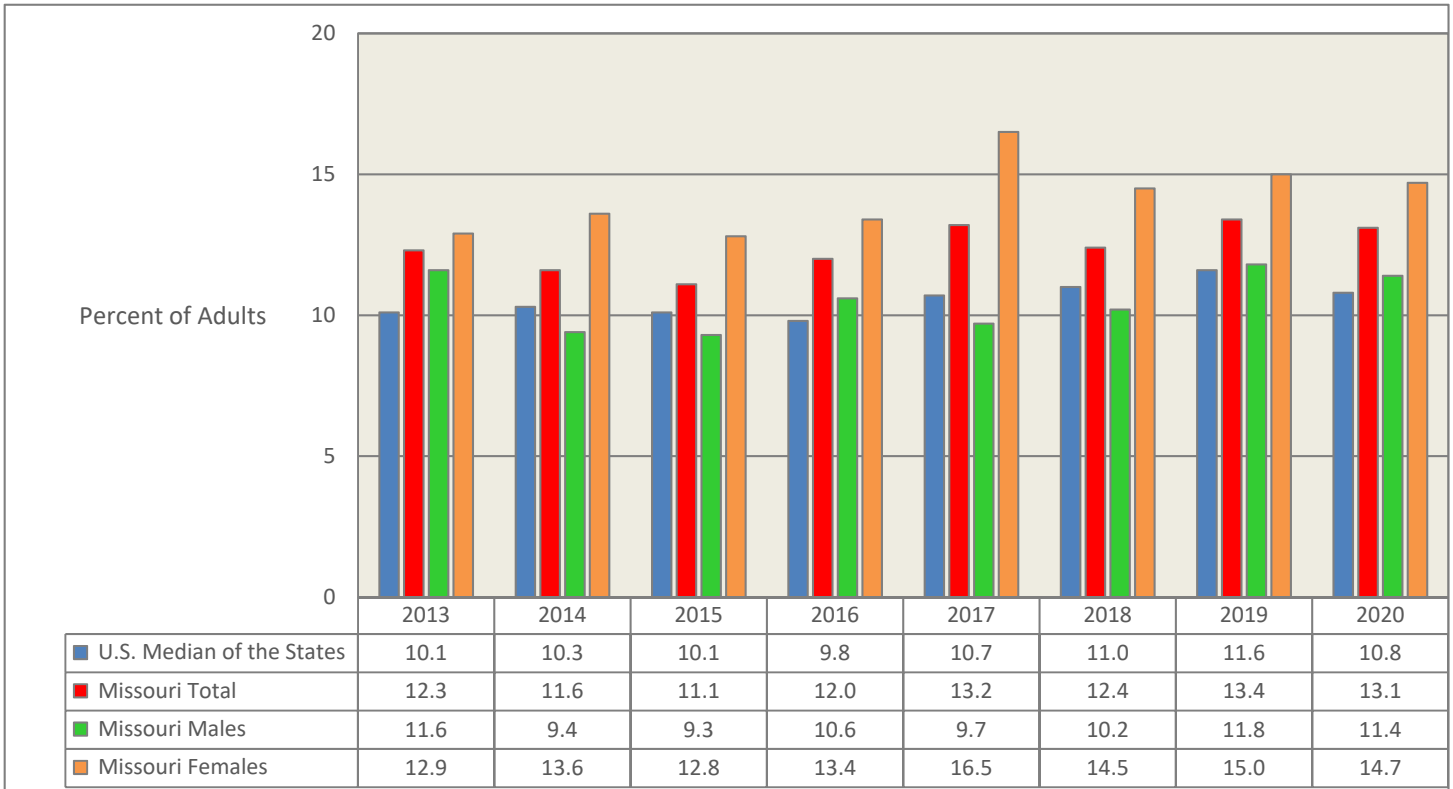
Frequency of Current Tobacco Smoking among Missouri Adult Females (%)



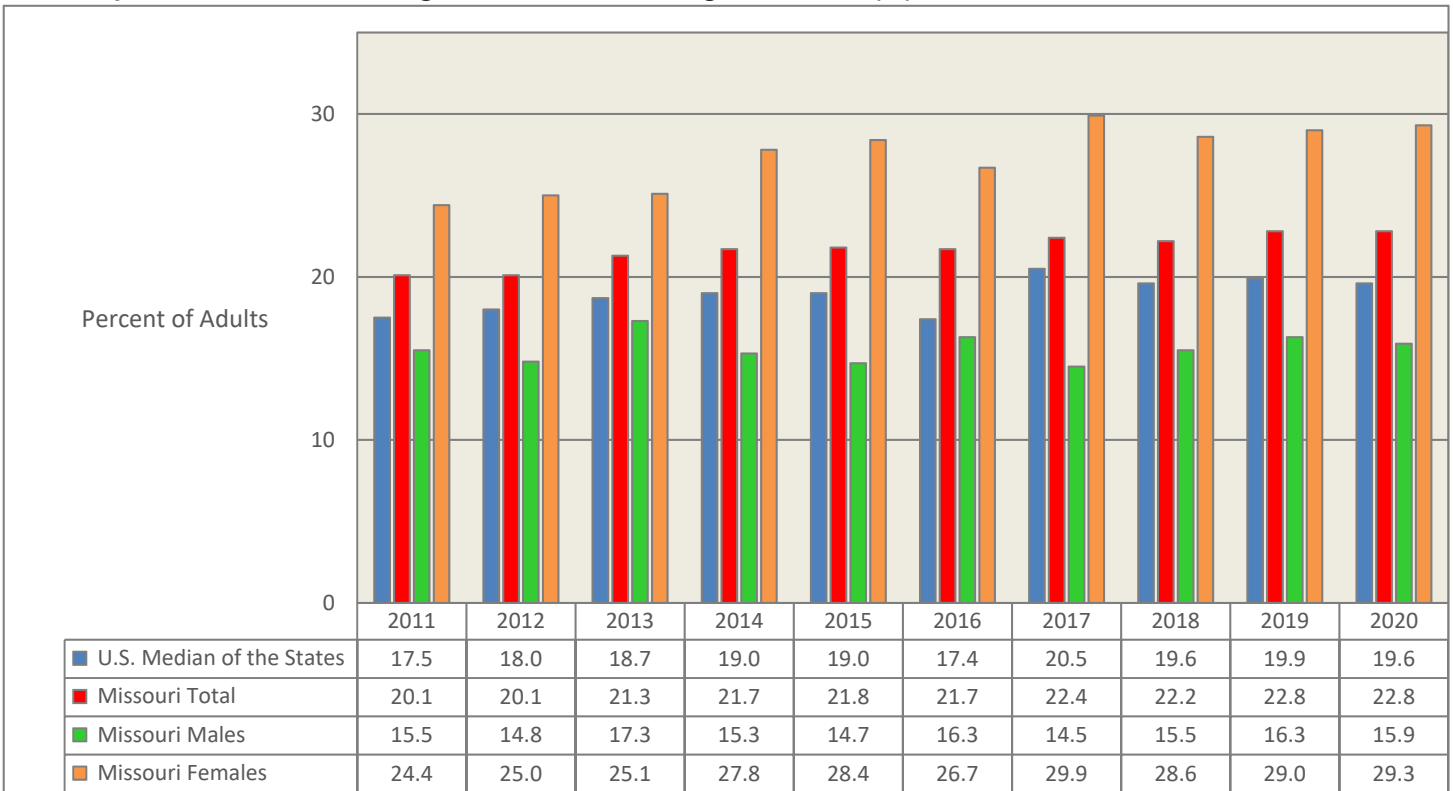
Data Source: Behavioral Risk Factor Survey, Behavioral Risk Factor Surveillance System (BRFSS), Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion, Division of Population Health
 Small differences in rate estimates for Missouri year-to-year 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.
 Small differences in rate estimates for Missouri year-to-year 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 (%)	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005
Alcohol	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	0.5	0.5
Been Drunk Daily	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	0.2	0.2
Cigarettes	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	4.0	4.0
Smokeless Tobacco	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	0.7	0.7
Marijuana/Hashish	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	1.0	1.0

Past 30-Day Use (%)	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005
Alcohol	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	17.2	17.1
Been Drunk (past 30 days)	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	6.2	6.0
Binge Alcohol Use (past 2 weeks)*	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	8.7	8.4
Cigarettes	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	8.7	9.3
Smokeless Tobacco	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	3.7	3.3
Any Illicit Drug	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	8.1	8.5
Any Illicit Drug other than Marijuana	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	3.8	4.1
Marijuana/Hashish	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	6.5	6.6
Vaping any substance	8.9	12.5	12.2	10.4	6.6	‡ 6.2	8.0										
Vaping Nicotine	7.6	10.5	9.6	6.1	3.5												
Vaping Marijuana	2.9	4.2	3.9	2.6	1.6												
Inhalants	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	4.1	4.2
Hallucinogens	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	0.9	1.1
LSD	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	0.4	0.5
MDMA "Ecstasy"	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	0.7	0.6
Cocaine (all forms)	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	1.0	1.0
Crack Cocaine	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	0.6	0.6
Amphetamine	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	2.1	2.3
Methamphetamine	0.0	0.1	0.1	0.1	0.2	0.3	0.2	0.4	0.5	0.4	0.7	0.5	0.7	0.6	0.6	0.6	0.7
Heroin	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	0.3	0.5
Tranquilizers	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	1.3	1.3
Rohypnol	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	0.4	0.2
Steroids	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	0.5	0.5
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	0.2	0.3

Past Year Use (%)	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005
Alcohol	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	33.6	33.9
Been Drunk in past year	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	13.9	14.1
Any Illicit Drug	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	14.8	15.5
Any Illicit Drug other than Marijuana	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	7.7	8.1
Marijuana/Hashish	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	11.7	12.2
Synthetic Marijuana	1.3	1.6	2.7	1.6	2.0	2.7	3.1	3.3	4.0	4.4							
Vaping any substance	13.4	19.2	20.1	17.6	13.3												
Inhalants	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	9.1	9.5
Hallucinogens	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	2.1	2.4
LSD	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	0.9	1.2
MDMA "Ecstasy"	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	1.4	1.7
Cocaine	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	2.0	2.2
Crack	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	1.3	1.4
Amphetamine	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	4.7	4.9
Methamphetamine	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	1.8	1.8
Heroin	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	0.8	0.8
Tranquilizers	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	2.6	2.8
Steroids	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	0.9	1.1
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	0.5	0.6

Lifetime Use (%)	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005
Alcohol	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	40.5	41.0
Ever Been Drunk	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	19.5	19.5
Cigarettes	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	24.6	25.9
Smokeless Tobacco	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	10.2	10.1
Any Illicit Drug	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	20.9	21.4
Any Illicit Drug other than Marijuana	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	12.2	11.1
Marijuana/Hashish	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	15.7	16.5
Vaping any substance	17.5	24.1	24.3	21.5	18.5	‡ 17.5	21.7										
Inhalants	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	16.1	17.1
Hallucinogens	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	3.4	3.8
LSD	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	1.6	1.9
MDMA "Ecstasy"	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	2.5	2.8
Cocaine (all forms)	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	3.4	3.7
Crack Cocaine	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	2.3	2.4
Amphetamine	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	7.3	7.4
Methamphetamine	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	2.7	3.1
Heroin	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	1.4	1.5
Tranquilizers	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</			

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

Daily Use in Past 30 Days (%)	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005
Alcohol	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	1.4	1.3
Been Drunk Daily	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	0.5	0.4
Cigarettes	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	7.6	7.5
Smokeless Tobacco	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	1.7	1.9
Marijuana/Hashish	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	2.8	3.1
Past 30-Day Use (%)	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005
Alcohol	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	33.8	33.2
Been Drunk (past 30 days)	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	18.8	17.6
Binge Alcohol Use (past 2 weeks)*	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	19.9	19.0
Cigarettes	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	14.5	14.9
Smokeless Tobacco	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	5.7	5.6
Any Illicit Drug	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	16.8	17.3
Any Illicit Drug other than Marijuana	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	6.3	6.4
Marijuana/Hashish	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	14.2	15.2
Vaping any substance	15.6	23.5	25.0	21.7	13.1	‡ 11.0	14.2										
Vaping Nicotine	13.1	19.3	19.9	16.1	8.2												
Vaping Marijuana	8.4	11.3	12.6	7.0	4.3												
Inhalants	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	2.3	2.2
Hallucinogens	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	1.5	1.5
LSD	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	0.7	0.6
MDMA "Ecstasy"	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	1.2	1.0
Cocaine (all forms)	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	1.5	1.5
Crack Cocaine	0.2	0.3	0.3	0.3	0.3	0.2	0.3	0.3	0.4	0.4	0.4	0.5	0.4	0.5	0.5	0.7	0.7
Amphetamine	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	3.5	3.7
Methamphetamine	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	0.7	1.1
Heroin	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	0.5	0.5
Tranquilizers	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	2.4	2.3
Rohypnol	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	0.2	0.2
Steroids	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	0.6	0.6
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	0.2	0.3
Past Year Use (%)	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005
Alcohol	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	55.8	56.7
Been Drunk in past year	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	34.5	34.2
Any Illicit Drug	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	28.7	29.8
Any Illicit Drug other than Marijuana	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	12.7	12.9
Marijuana/Hashish	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	25.2	26.6
Synthetic Marijuana	1.6	2.5	2.6	2.9	2.7	3.3	4.3	5.4	7.4	8.8							
Vaping any substance	22.2	34.6	35.7	32.3	23.9												
Inhalants	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	6.5	6.0
Hallucinogens	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	4.1	4.0
LSD	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	1.7	1.5
MDMA "Ecstasy"	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	2.8	2.6
Cocaine	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	3.2	3.5
Crack	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	1.3	1.7
Amphetamine	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	7.9	7.8
Methamphetamine	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	1.8	2.9
Heroin	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	0.9	0.9
Tranquilizers	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	5.2	4.8
Steroids	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	1.2	1.3
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	0.5	0.5
Lifetime Use (%)	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005
Alcohol	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	61.5	63.2
Ever Been Drunk	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	41.4	42.1
Cigarettes	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	36.1	38.9
Smokeless Tobacco	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	15.0	14.5
Any Illicit Drug	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	36.1	38.2
Any Illicit Drug other than Marijuana	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	17.5	18.0
Marijuana/Hashish	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	31.8	34.1
Vaping any substance	29.7	41.0	41.0	36.9	30.9	‡ 29.0	32.8										
Inhalants	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	13.3	13.1
Hallucinogens	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	6.1	5.8
LSD	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	2.7	2.5
MDMA "Ecstasy"	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	4.5	4.0
Cocaine	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	4.8	5.2
Crack Cocaine	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	2.2	2.5
Amphetamine	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	11.2	11.1
Methamphetamine	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	3.2	4.1
Heroin	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	1.4	1.5
Tranquilizers	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	7.2	7.1
Rohypnol	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	0.8	1.0
Steroids	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	1.8	2.0
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	0.9	0.8

* 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.
‡ Survey question was re-worded and/or estimate was revised beginning with year indicated. Figures are percentage estimates.
§ Estimate is not calculated in 2020 due to small sample size for this question resulting from COVID-19 pandemic and early discontinuation of data collector

Data Source: Miech, RA; Johnston, LD; O'Malley, PM; Bachman, JG; Schulenberg, JE; & Patrick, ME. (2022). Monitoring the Future national survey results on drug use 1975–2021: Volume I, Secondary school students. Ann Arbor: Institute for Social Research, The University of Michigan.

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

Daily Use in Past 30 Days (%)	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006
Alcohol	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	3.0
Been Drunk Daily	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	1.6
Cigarettes	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	12.2
Smokeless Tobacco	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	2.2
Marijuana/Hashish	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	5.0
Past 30-Day Use (%)	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006
Alcohol	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	45.3
Been Drunk in past 30 days	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	30.0
Binge Alcohol Use in past 2 weeks*	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	25.4
Cigarettes	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	21.6
Smokeless Tobacco	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	6.1
Any Illicit Drug	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	21.5
Any Illicit Drug other than Marijuana	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	9.8
Marijuana/Hashish	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	18.3
Vaping any substance	24.0	28.2	30.9	26.7	16.6	‡ 12.5	16.3									
Inhalants	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	1.5
Hallucinogens	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	1.5
LSD	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	0.6
MDMA "Ecstasy"	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	1.3
Cocaine including Crack	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	2.5
Crack Cocaine	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	0.9
Amphetamine	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	3.7
Methamphetamine	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	0.9
Crystal Methamphetamine "Ice"	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	0.7
Heroin	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	0.4
Narcotics other than Heroin	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	3.8
Sedatives / Barbiturates	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	3.0
Tranquilizers	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	2.7
Steroids	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	1.1
Prescription Drug non-medical use	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	8.1
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	0.3
Past Year Use (%)	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006
Alcohol	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	66.5
Been Drunk in past year	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	47.9
Tobacco using a Hookah	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	32.0	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	36.5
Any Illicit Drug other than Marijuana	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	19.2
Marijuana/Hashish	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	31.5
Synthetic Marijuana	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	1.1	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	4.5
Hallucinogens	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	4.9
LSD	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	1.7
MDMA "Ecstasy"	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	4.1
Cocaine	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	5.7
Crack	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	2.1
Amphetamine	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	8.1
Methamphetamine	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	2.5
Crystal Meth (Ice)	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	1.9
Heroin	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	0.8
Narcotics other than Heroin	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	9.0
Sedatives / Barbiturates	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	6.6
Tranquilizers	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	6.6
Steroids	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	1.8
Prescription Drug non-medical use	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	16.8
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	0.5
Lifetime Use (%)	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006
Alcohol	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	72.7
Ever Been Drunk	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	56.4
Cigarettes	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	47.1
Smokeless Tobacco	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	15.2
Any Illicit Drug	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	48.2
Any Illicit Drug other than Marijuana	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	26.9
Marijuana/Hashish	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	42.3
Vaping any substance	40.5	47.2	45.6	42.5	35.8	‡ 33.8	35.5									
Inhalants	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	11.1
Hallucinogens	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	8.3
LSD	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	3.3
MDMA "Ecstasy"	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	6.5
Cocaine	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	8.5
Crack Cocaine	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	3.5
Amphetamine	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	12.4
Methamphetamine	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	4.4
Crystal Methamphetamine "Ice"	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	3.4
Heroin	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	1.4
Narcotics other than Heroin	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	13.4
Sedatives / Barbiturates	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	10.2
Tranquilizers	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	10.3
Steroids	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	2.7
Prescription Drug non-medical use	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	23.9
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	0.8

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

Data Source: Miech, RA; Johnston, LD; O'Malley, PM; Bachman, JG; Schulenberg, JE; & Patrick, ME. (2022). Monitoring the Future national survey results on drug use 1975–2021: Volume I, Secondary school students. Ann Arbor: Institute for Social Research, The 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		2.4	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		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		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		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 (past 2 weeks)*		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
Cigarettes		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 Illicit Drug other than Marijuana		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		24.5	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										
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		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		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
MDMA "Ecstasy"		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		1.4	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		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		0.0	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		0.5	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		0.5	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		0.4	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		76.7	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		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		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 Illicit Drug other than Marijuana		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		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
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		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		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		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
MDMA "Ecstasy"		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		3.8	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	0.4	0.3	0.5	0.6	1.0	0.8	0.8
Amphetamine		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		0.0	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		0.0	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		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		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		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	5.1	6.8	6.8	7.2	6.9	7.1	7.8	8.2	8.5	10.1	10.6
MDMA "Ecstasy"		6.6	7.0	7.6	5.3	8.4	8.9	‡ 8.1	8.1	8.7	6.8	6.2	6.5	6.2	5.4	6.9	8.3
Cocaine (all forms)		5.9	8.8	8.5	6.5	5.3	6.1	6.2	5.1	5.2	5.5	6.6	8.1	7.2	8.5	7.7	8.8
Crack Cocaine		0.6	0.0	0.9	0.6	0.4	0.5	1.4	0.7	0.7	0.8	1.2	1.0	1.4	1.3	2.3	1.7
Amphetamine		10.6	13.5	13.2	12.6	13.6	13.9	15.0	16.1	‡ 14.4	13.4	12.1	11.8	9.1	11.2	10.7	12.3
Methamphetamine		0.2	1.1	1.0	0.6	0.6	0.8	0.7	0.9	0.3	0.6	1.1	1.0	1.9	1.9	2.9	4.1
Crystal Methamphetamine "Ice"				0.8	0.4	0.6	0.3	0.3	0.0	0.6	0.2	0.8	0.7	1.1	1.3	1.7	2.4
Heroin		0.4	0.3	0.1	0.1	0.5	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.7	0.5	0.7	0.5
Narcotics other than Heroin		4.1	5.8	6.6	6.8	7.4	6.6	9.9	10.8	10.3	12.4	12.2	14.0	12.4	14.1	14.6	14.4
Sedatives / Barbiturates		2.8	3.7	3.3	3.9	3.3	4.4	5.9	5.4	‡ 3.5	3.6	5.3	6.0	6.4	5.9	6.3	8.5
Tranquilizers		4.9	7.4	7.4	6.7	6.5	7.8	6.9	7.8	6.4	7.1	8.1	9.2	8.6	9.1	10.0	11.9
Steroids				0.3	1.2	0.8	0.6	0.9	0.8	0.4	1.1	0.7	1.3	1.6	0.6	1.9	1.0
Injection Drug Use		0.5	0.3	0.2	0.0	0.0	0.3	0.0	0.1	0.2	0.3	0.1	0.1	0.0	0.1	0.3	0.3

* 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: Schulenberg, JE; Patrick, ME; Johnston, LD; O'Malley, PM; Bachman, JG; & Miech, RA; (2021). *Monitoring the Future national survey results on drug use, 1975-2020: Volume II, College students and adults ages 19-60*. Ann Arbor: Institute for Social Research, The University of Michigan

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

DAILY USE DURING PAST 30 DAYS (%)	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006
Alcohol	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	5.5	5.2
Been Drunk Daily		0.5	0.3	0.4	0.3	0.3	0.4	0.6	0.5	0.4	0.6	0.6	0.9	0.4	0.6	0.6
Cigarettes	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	17.3	18.6
Marijuana	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	4.7	4.7
PAST 2-WEEK USE (%)	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006
5+ Drinks in a Row in Past 2 Weeks*	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	36.1	36.3
10+ Drinks in a Row in Past 2 Weeks	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	11.2	11.0
15+ Drinks in a Row in Past 2 Weeks	3.7	2.9	1.8	3.4	3.3	2.4	3.0	3.7	3.9	4.6	3.6	4.6	4.5	4.4	4.7	4.3
PAST 30-DAY USE (%)	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006
Alcohol	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	69.5	68.7
Been Drunk in Past 30 Days		30.8	35.8	34.9	35.3	36.3	33.9	38.5	36.8	38.4	38.3	38.2	39.0	40.0	39.7	40.5
Cigarettes	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	25.6	26.6
Vaping Nicotine	16.1	13.7	14.0	9.9	6.2											
Any Illicit Drug		28.3	28.5	26.5	24.6	23.2	22.0	21.4	20.9	19.0	19.6	18.2	19.1	18.8	18.0	17.6
Any Drug other than Marijuana	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	8.2	7.8
Marijuana	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	15.0	14.9
Vaping Marijuana	12.4	10.8	13.0	8.6	6.1											
Vaping any substance		19.0	22.1	16.2	11.3	5.8	8.7									
Inhalants		0.4	0.5	0.2	0.4	0.3	0.2	0.2	0.1	0.3	0.2	0.2	0.1	0.4	0.1	0.3
Hallucinogens		2.4	1.5	1.3	0.8	0.8	0.9	0.8	0.9	0.6	0.8	0.9	0.7	0.8	0.8	0.7
LSD		1.0	0.9	0.9	0.5	0.5	0.6	0.3	0.4	0.2	0.3	0.3	0.2	0.3	0.2	0.2
PCP				0.1	0.1	0.0	0.1	0.2	0.0	0.1	0.0		**	0.1	**	**
MDMA "Ecstasy"		1.0	0.9	1.1	0.8	1.1	0.9	† 1.3	1.0	1.0	0.7	0.8	0.6	0.6	0.5	0.7
Cocaine (all forms)		1.9	2.2	2.5	2.3	2.1	1.6	1.7	1.4	1.3	1.5	1.4	1.8	1.9	1.9	2.2
Crack Cocaine		0.2	0.1	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.4	0.3	0.2
Amphetamines		2.0	2.4	2.8	2.9	2.9	2.9	3.3	2.9	2.9	2.8	2.6	2.3	2.0	2.0	2.0
Methamphetamine		0.2	0.2	0.4	0.2	0.2	0.3	0.4	0.3	0.4	0.3	0.2	0.3	0.3	0.5	0.4
Heroin		0.2	0.1	0.2	0.2	0.3	0.3	0.2	0.3	0.2	0.2	0.1	0.2	0.1	0.1	0.1
Narcotics other than Heroin		0.9	0.7	0.9	1.2	1.9	1.8	2.1	2.6	2.6	2.8	3.3	3.3	3.5	3.3	3.1
Sedatives / Barbiturates		0.8	0.8	0.9	0.6	1.0	0.8	1.0	1.2	1.1	1.1	1.1	1.2	1.8	1.6	1.4
Tranquilizers		1.0	1.2	1.4	1.5	1.8	1.7	1.9	1.9	1.8	2.3	2.2	2.8	2.6	2.6	2.3
PAST-YEAR USE (%)	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006
Alcohol	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	84.3	84.4
Been Drunk in past year		60.7	61.2	62.3	60.4	62.0	61.8	63.6	62.9	64.7	63.6	64.0	64.9	65.9	64.8	64.7
Cigarettes	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	35.2	36.0
Tobacco using a Hookah	6.3	8.8	9.3	12.3	11.4	13.7	17.5	21.0	18.8	17.1	18.1					
Vaping Nicotine	21.8	21.9	23.6	16.7	13.3											
Snus	3.2	3.9	2.9	3.5	4.3	3.7	4.4	4.8	5.1	5.6	5.8					
Any Illicit Drug		45.4	44.1	42.6	40.5	38.5	37.4	36.6	34.7	32.6	33.3	32.1	32.5	32.9	30.8	31.1
Any Drug other than Marijuana	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	17.2	17.9
Marijuana	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	26.7	26.5
Vaping marijuana	18.7	20.1	21.6	15.2	11.4											
Synthetic Marijuana		1.2	1.1	1.3	0.8	0.9	1.3	1.3	3.0	5.0	6.5					
Inhalants		1.2	1.3	0.8	0.7	0.8	0.8	1.0	0.5	1.0	0.8	1.2	0.8	1.3	0.8	1.2
Hallucinogens	8.1	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	3.4	3.7
LSD	4.2	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	1.0	1.1
Hallucinogens other than LSD	6.3	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	3.2	3.4
MDMA "Ecstasy"	2.6	4.5	3.6	4.0	3.5	4.8	4.2	† 4.8	3.8	3.8	3.4	3.1	2.9	3.1	2.3	2.9
Cocaine	5.5	6.8	6.4	6.7	6.2	5.7	5.4	4.9	3.8	4.0	4.5	4.6	5.3	5.8	5.8	6.3
Crack Cocaine		0.7	0.3	0.5	0.6	0.6	0.4	0.4	0.3	0.5	0.6	0.5	0.7	0.9	0.9	1.0
Amphetamines	5.6	6.6	6.8	7.5	7.5	6.9	7.4	7.6	7.2	7.2	6.6	6.5	5.5	4.9	5.0	5.2
Methamphetamine	0.2	0.8	0.5	1.0	0.6	0.6	0.7	0.7	0.7	0.9	0.6	0.7	0.9	0.9	1.4	1.8
Crystal Meth (Ice)			0.6	0.4	0.7	0.1	0.5	0.4	0.9	0.6	0.4	0.4	0.7	0.7	1.0	1.1
Adderall	0.2	0.8	0.5	1.0	0.6	0.6	0.7	0.7	0.7	0.9	0.6	0.7	0.9	0.9	1.4	1.8
Ritalin	1.3	1.8	1.2	1.4	1.0	1.3	1.6	1.7	1.8	1.5	1.3	1.6	1.6	2.0	2.0	2.5
Heroin	0.2	0.3	0.2	0.3	0.4	0.4	0.5	0.4	0.6	0.5	0.4	0.4	0.6	0.5	0.3	0.3
Narcotics other than Heroin	1.7	2.6	2.9	3.6	4.2	5.2	5.3	6.3	6.9	7.1	7.7	8.7	8.4	8.8	8.3	8.9
Oxycontin	1.5	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	2.6	3.0
Vicodin	1.3	1.8	1.8	2.5	2.8	2.8	3.8	5.2	6.0	6.3	6.9	8.1	9.2	9.1	8.7	8.6
Sedatives / Barbiturates	1.4	2.0	2.1	2.5	2.2	2.6	2.6	3.2	3.3	2.6	3.0	3.1	3.6	4.4	4.0	3.9
Tranquilizers	3.2	3.4	3.7	4.2	4.7	5.0	5.2	4.9	5.4	5.1	5.8	6.3	6.5	6.7	6.8	6.5
Steroids				0.5	0.3	0.3	0.4	0.6	0.4	0.5	0.2	0.7	0.6	0.4	0.6	0.3
Injection Drug Use		0.1	< 0.1	< 0.1	0.2	0.3	0.3	0.2	0.3	0.2	0.3	0.2	0.1	0.1	0.1	0.2
LIFETIME USE (%)	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006
Alcohol		86.5	85.9	86.1	86.3	87.5	87.1	87.3	87.2	87.2	88.1	88.5	88.6	89.2	88.7	89.5
Ever Been Drunk		76.8	76.6	77.8	76.3	77.6	78.3	79.8	79.1	80.4	80.1	80.3	79.7	81.4	81.2	81.5
Any Illicit Drug		66.4	67.9	65.5	65.4	64.2	64.5	63.2	61.3	59.8	60.2	59.6	60.5	60.5	60.4	60.2
Any Illicit Drug other than Marijuana		37.4	38.5	38.3	38.7	37.6	38.3	38.8	34.9	33.7	33.8	34.4	34.2	35.5	34.6	35.4
Marijuana		63.9	63.5	61.4	60.9	59.9	59.8	58.2	57.9	57.5	57.4	57.1	57.3	57.2	57.5	57.1
Vaping any substance		43.2	42.3	36.3	31.7	26.1	29.1									
Inhalants		6.9	7.1	6.3	5.6	6.5	6.8	7.4	7.3	7.5	7.7	8.5	9.4	10.3	9.5	11.5
Hallucinogens		17.3	14.8	14.9	13.6	12.7	12.4	12.8	13.1	13.1	14.1	15.0	15.7	16.1	16.9	18.0
LSD		12.5	10.5	10.5	8.6	8.1	7.0	6.8	6.8	6.9	7.2	8.2	8.9	9.7	10.7	11.4
PCP					0.3	1.9	1.2	0.6	1.4	1.1	1.7	1.6	1.6	2.2	2.1	2.4
Hallucinogens other than LSD		13.8	12.4	11.9	11.6	11.1	11.2	11.6	12.0	11.9	12.9	13.4	14.2	14.0	14.7	15.5
MDMA "Ecstasy"		14.1	14.1	13.4	13.1	12.7	13.6	† 12.8	12.1	12.3	12.2	13.5	13.2	14.1	13.6	14.7
Cocaine (all forms)		14.8	14.6	14.1	14.0	12.9	13.1	12.6	13.0	13.0	13.1	14.6	14.8	15.4	15.0	15.5
Crack Cocaine		1.1	2.2	2.3	2.3	2.1	2.5	2.8	3.1	3.8	3.6	4.4	3.9	4.3	4.4	4.2
Amphetamines		19.7	20.1	19.6	19.2	19.6	19.3	19.5	18.5	17.5	16.4	16.3	14.9	14.7	15.1	15.5
Methamphetamine		2.4	2.4	3.2	3.0	2.6	2.9	3.3	3.4	4.2	3.9	5.3	5.6	6.8	7.1	7.3
Crystal Methamphetamine "Ice"			1.8	1.8	2.2	2.0	2.7	2.5	3.1	3.1	3.1	3.0	3.4	3.7	4.0	4.7
Heroin		1.4	1.3	1.6	1.6	1.7	1.6	1.5	1.7	1.7	1.8	2.0	1.9	2.0	1.7	2.0
Narcotics other than Heroin		10.9	12.6	13.9	14.9	15.4	16.5	17.6	18.2	18.5	18.7	19.6	19.1	19.7	18.7	18.8
Sedatives/Barbiturates		7.3	7.8	8.3	7.3	7.7	8.9	9.7	9.6	7.4	8.0	9.0	9.8	10.7	9.9	9.7
Tranquilizers		11.7	12.1	12.6	13.4	13.1	13.8	13.6	14.2	13.9	14.1	15.3	14.7	16.1	1	

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

DAILY USE DURING PAST 30 DAYS (%)		2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008
Alcohol		9.2	12.0	8.5	9.1	9.2	8.7	9.5	8.5	8.7	8.7	8.6	8.0	8.5	8.4
Cigarettes		7.5	9.0	8.7	9.7	10.6	10.6	11.8	12.0	12.5	12.8	13.8	15.2	14.3	15.7
Marijuana		5.9	5.8	4.1	4.2	3.7	3.0	3.7	2.9	2.5	2.8	2.6	2.6	2.0	2.3

PAST 2-WEEK USE (%)		2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008
5+ Drinks in a Row in Past 2 Weeks*		24.5	23.8	24.8	23.4	23.7	23.4	22.8	22.8	22.3	21.6	21.7	21.0	21.5	21.8

PAST 30-DAY USE (%)		2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008
Alcohol		71.4	70.0	72.8	69.5	71.1	69.5	69.6	69.6	68.2	68.7	68.3	68.6	66.8	65.7
Cigarettes		10.4	11.2	11.5	12.5	13.2	13.8	14.7	15.3	15.8	15.6	16.5	18.0	17.1	18.6
Vaping Nicotine		1.9	1.1	3.8											
Marijuana		15.8	13.7	13.1	12.1	10.5	8.9	9.3	8.2	7.9	7.4	7.4	7.5	6.5	7.0
Vaping Marijuana		0.9	0.7	4.6											
Any Drug other than Marijuana		5.5	5.4	5.4	4.3	5.1	5.5	5.3	5.1	5.0	5.0	5.0	5.3	5.3	5.3

PAST-YEAR USE (%)		2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008
Alcohol		84.8	86.1	85.9	84.4	84.7	84.3	83.4	85.2	83.1	83.6	84.0	83.1	82.7	81.4
Cigarettes		14.5	16.2	16.1	16.7	17.2	17.9	19.4	19.6	19.8	19.6	20.4	21.4	21.5	23.0
Vaping Nicotine		2.9	3.0	6.2											
Marijuana		24.9	22.7	21.7	19.7	17.7	14.9	15.3	14.1	13.8	12.9	12.6	12.6	11.6	11.9
Vaping Marijuana		2.9	3.6	7.0											
Any Drug other than Marijuana		11.2	10.4	10.4	11.4	11.2	11.1	11.7	10.3	10.2	11.2	10.6	11.0	10.9	11.5
Hallucinogens		2.5	2.0	1.1	1.4	1.1	0.8	1.0	0.7	0.5	0.5	0.7	0.7	0.5	0.4
Cocaine		2.5	2.7	2.5	2.6	2.5	2.2	2.4	2.0	2.3	1.8	2.0	2.2	2.7	2.5
Amphetamines		2.7	2.3	2.4	1.9	2.2	2.0	1.8	1.4	1.4	0.9	1.1	0.9	1.1	0.8
Heroin		0.2	0.1	0.3	0.2	0.1	0.2	0.1	0.2	0.3	0.1	0.0	0.1	0.2	0.1
Narcotics other than Heroin		3.4	2.9	3.3	4.4	4.3	5.1	4.5	4.3	4.2	5.0	4.7	5.1	4.7	4.6
Sedatives / Barbiturates		2.0	2.2	1.8	2.4	2.4	2.0	2.6	2.6	2.4	2.6	2.7	2.8	2.9	3.5
Tranquilizers		4.1	3.4	3.8	4.0	3.6	3.7	4.1	4.1	4.0	3.8	3.9	4.0	3.6	4.2

* 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.

Data Source:

Patrick, ME; Schulenberg, JE; Miech, RA; Johnston, LD; O'Malley, PM; & Bachman, JG (2022). *Monitoring the Future Panel Study annual report*. National data on substance use among adults ages 19 to 60, 1976-2021. Monitoring the Future Monograph Series. University of Michigan Institute for Social Research: Ann Arbor, MI.