

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

Scroll down to view these pages:

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

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

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

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

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

- C-28. Alcohol Use by Mothers of Newborns
- C-29. Cigarette Use by Mothers of Newborns

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

- C-30. 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

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

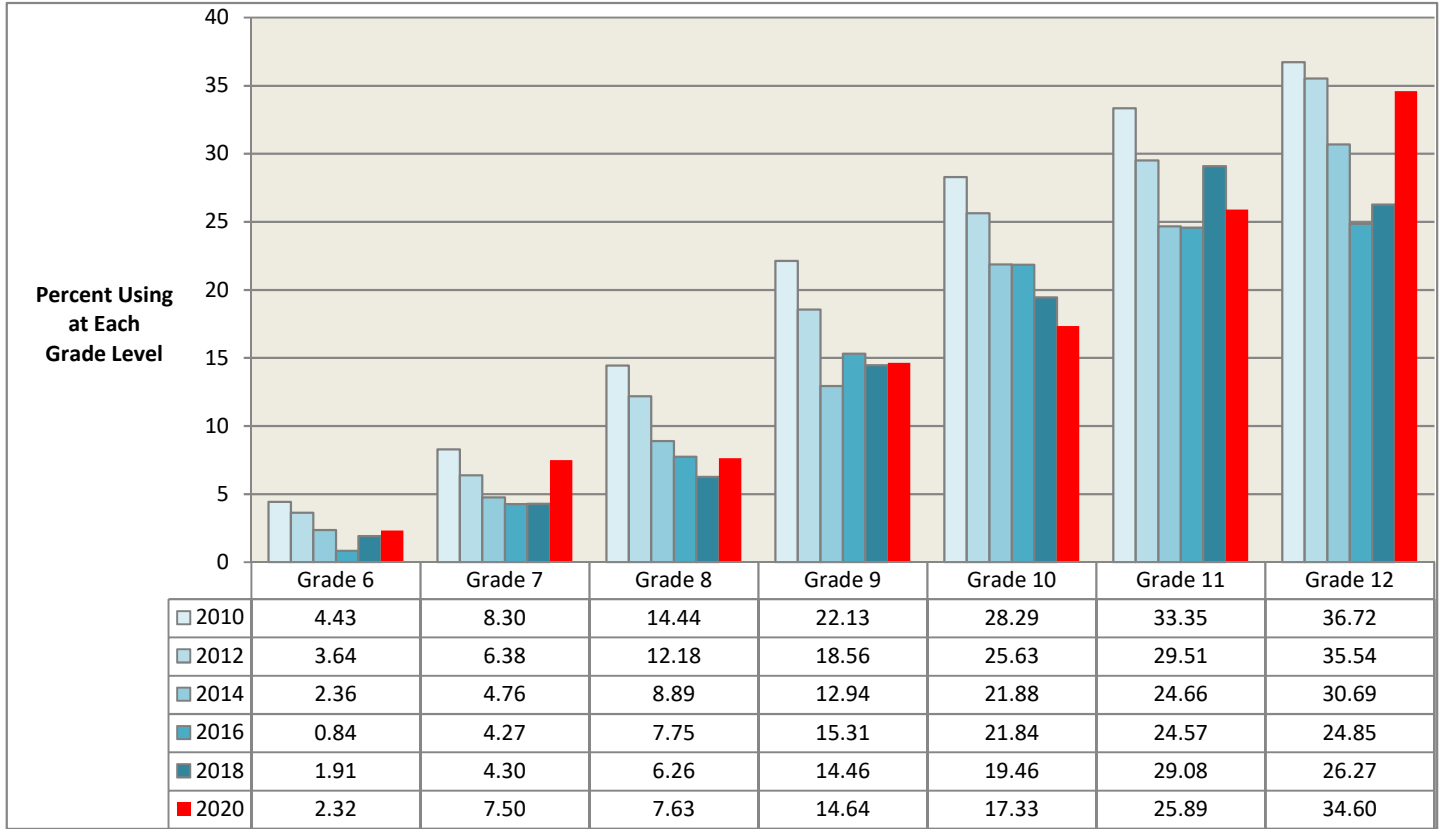
- C-40. Alcohol Use by U.S. and Missouri Adults Ages 18 and Older
- C-41. Prevalence of Tobacco Use by U.S. and Missouri Adults Ages 18 and Older
- C-42. Frequency of Tobacco Smoking by U.S. and Missouri Adults Ages 18 and Older
- C-43. Mental Health Issues of U.S. and Missouri Adults Ages 18 and Older

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

- C-44. 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

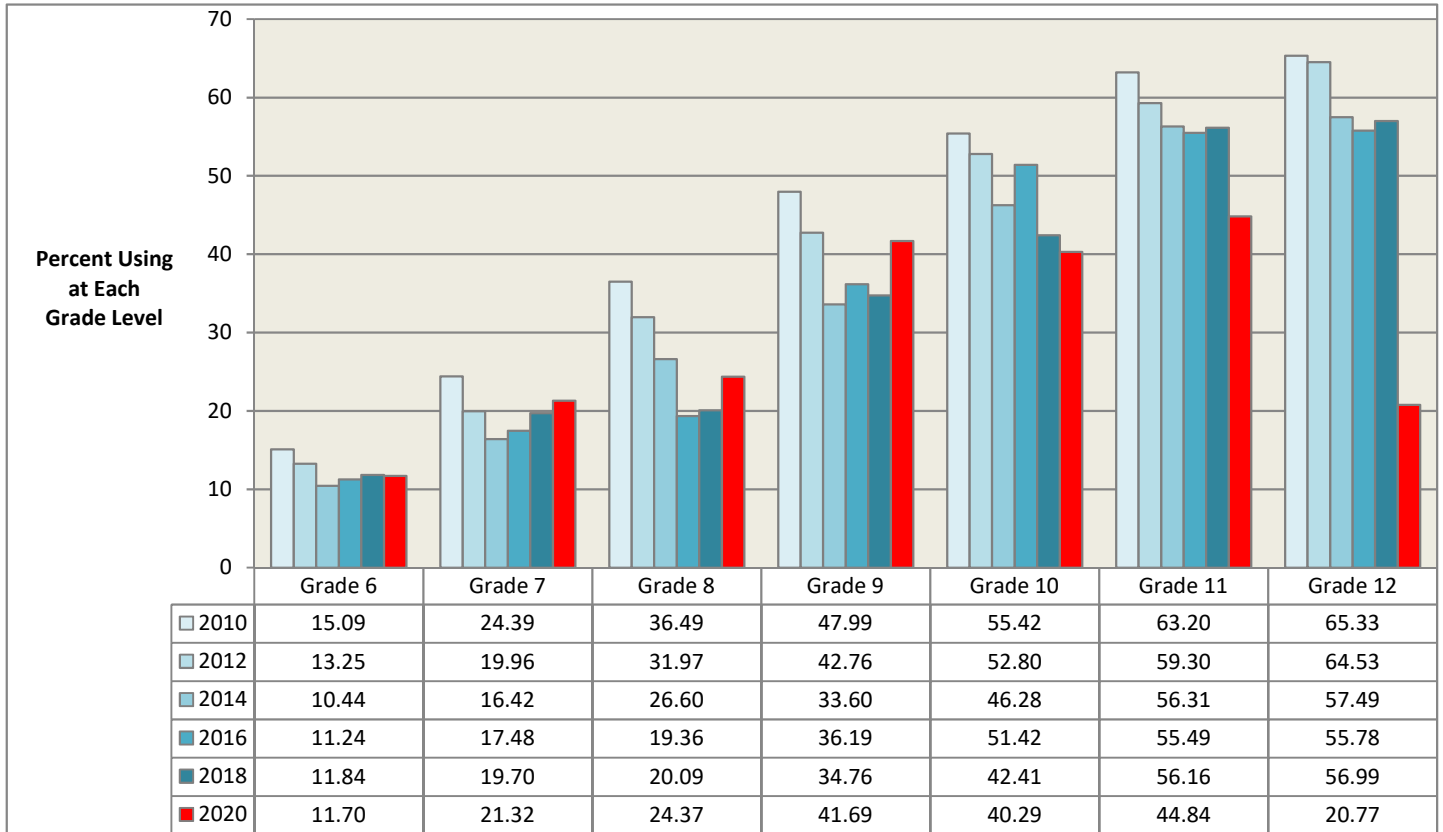
ALCOHOL USE: MISSOURI STUDENTS IN GRADES 6-12

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.

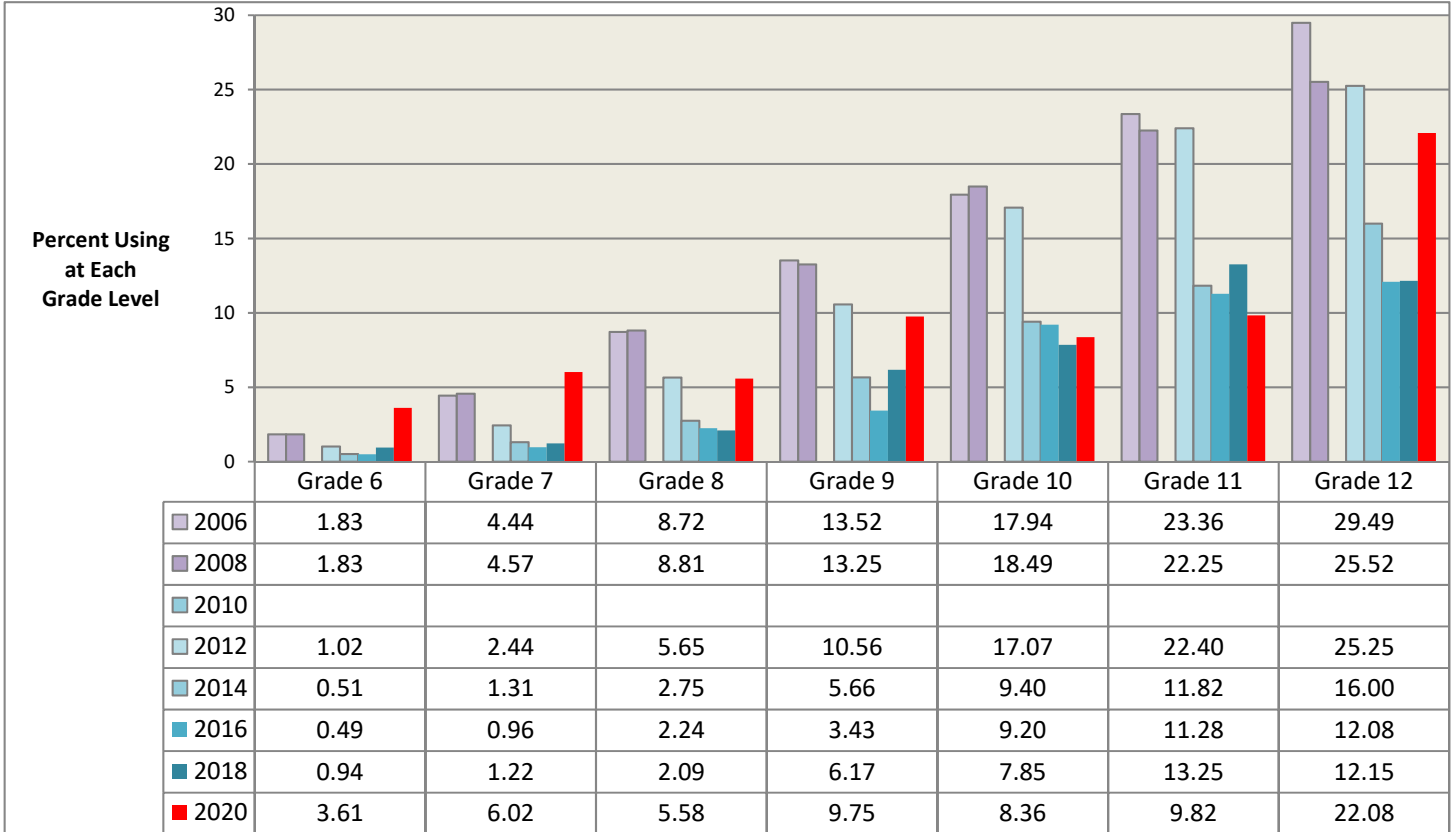
Lifetime Use of Alcohol: Missouri Students in Grades 6-12



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

BINGE DRINKING: MISSOURI STUDENTS IN GRADES 6-12

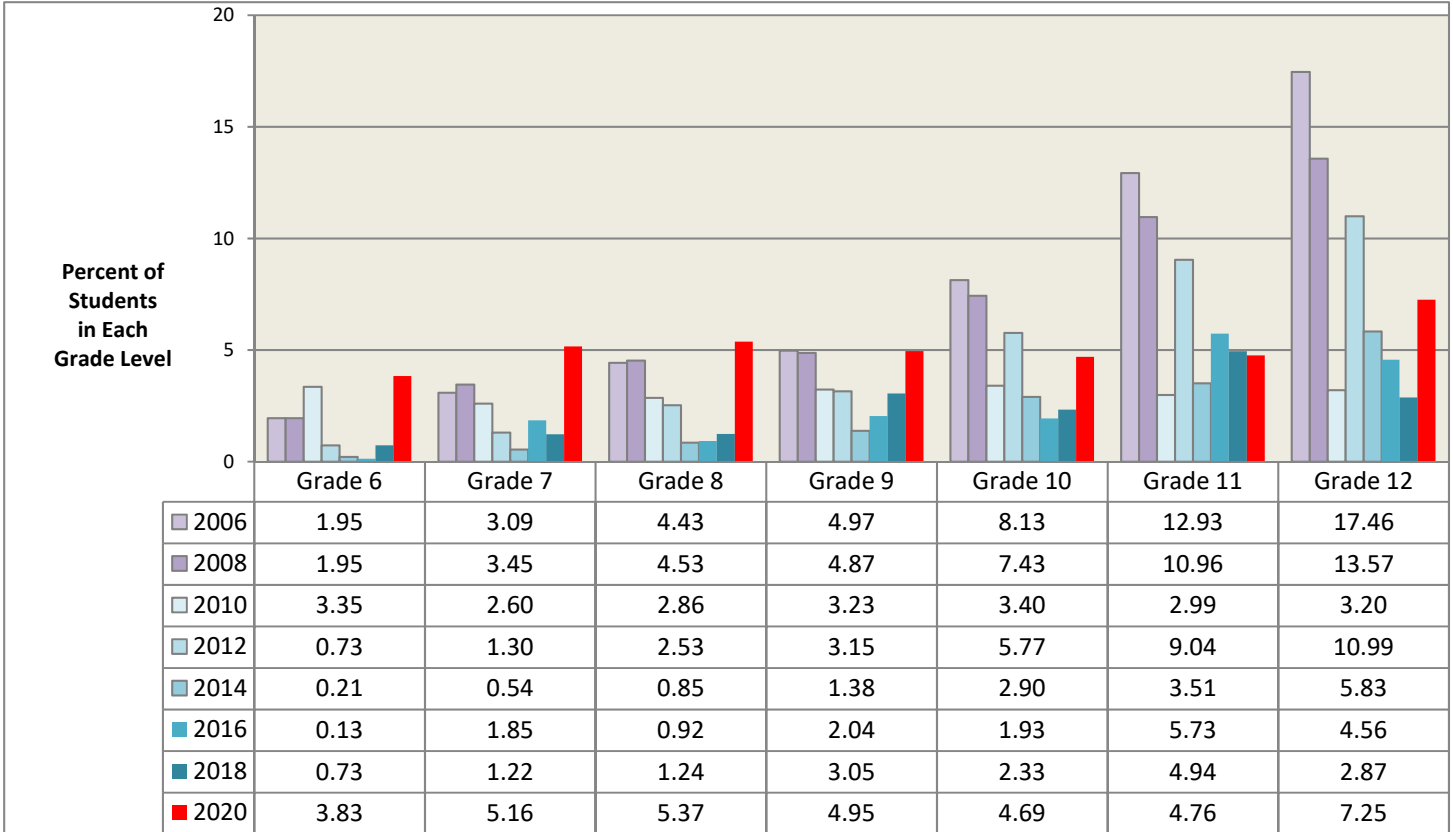
Past 2-Week Binge Alcohol Use, 5 or More Drinks on Same Occasion: Missouri Students in Grades 6-12



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

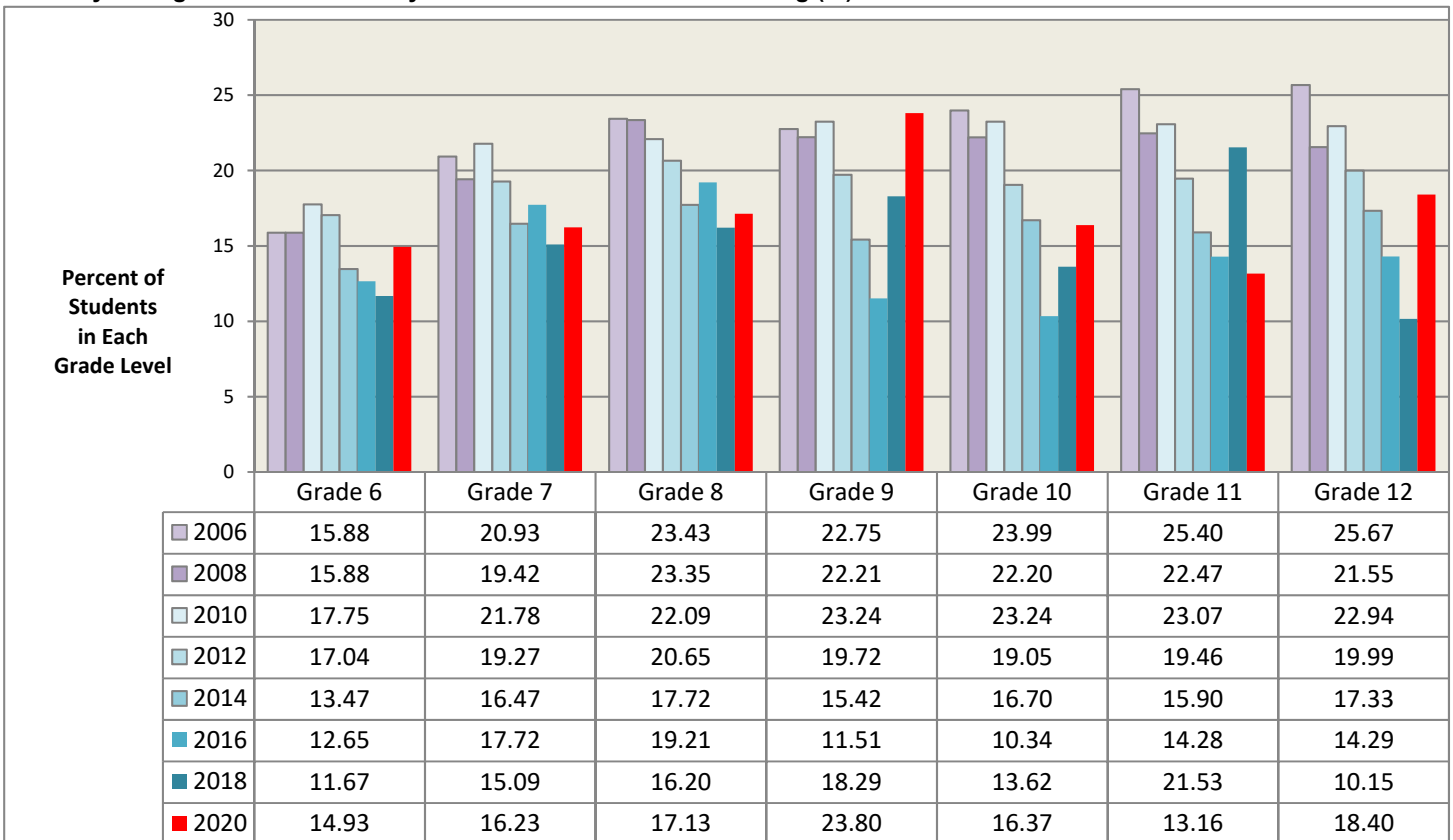
IMPAIRED DRIVING: MISSOURI STUDENTS IN GRADES 6-12

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.

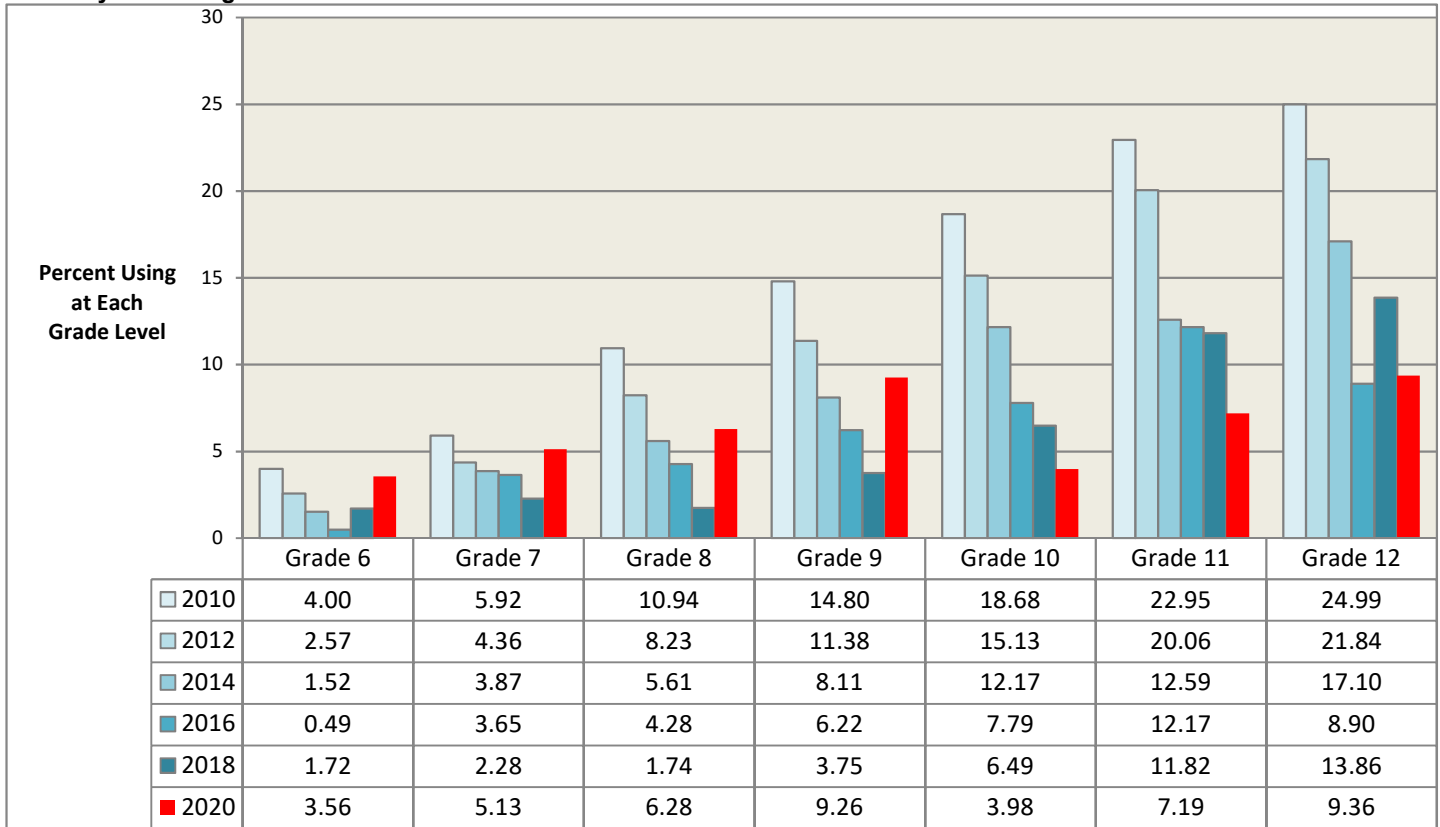
Past 30-Day Riding in Vehicle Driven by Someone Who Had Been Drinking (%): Missouri Students in Grades 6-12



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

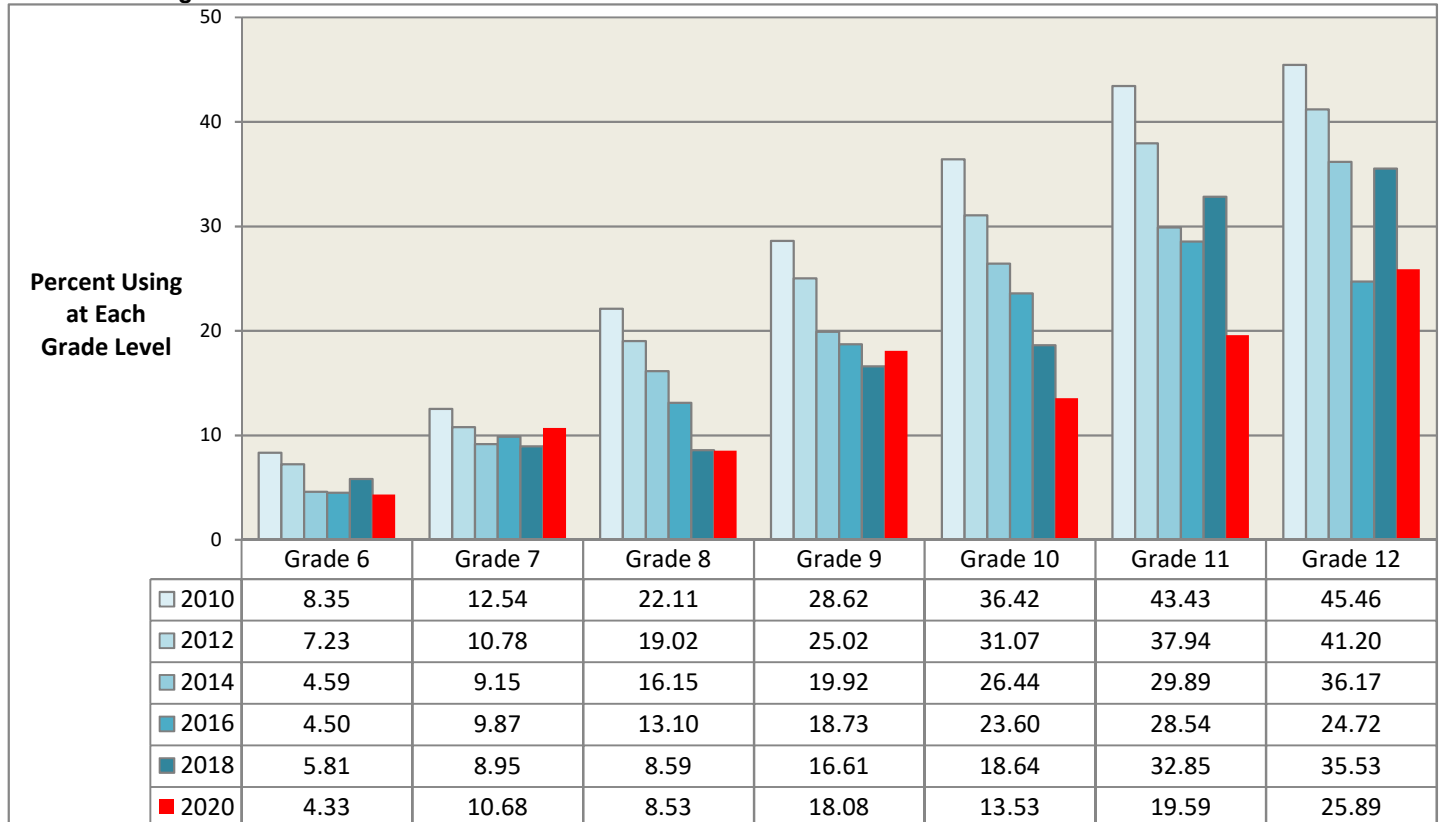
CIGARETTE USE: MISSOURI STUDENTS IN GRADES 6-12

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.

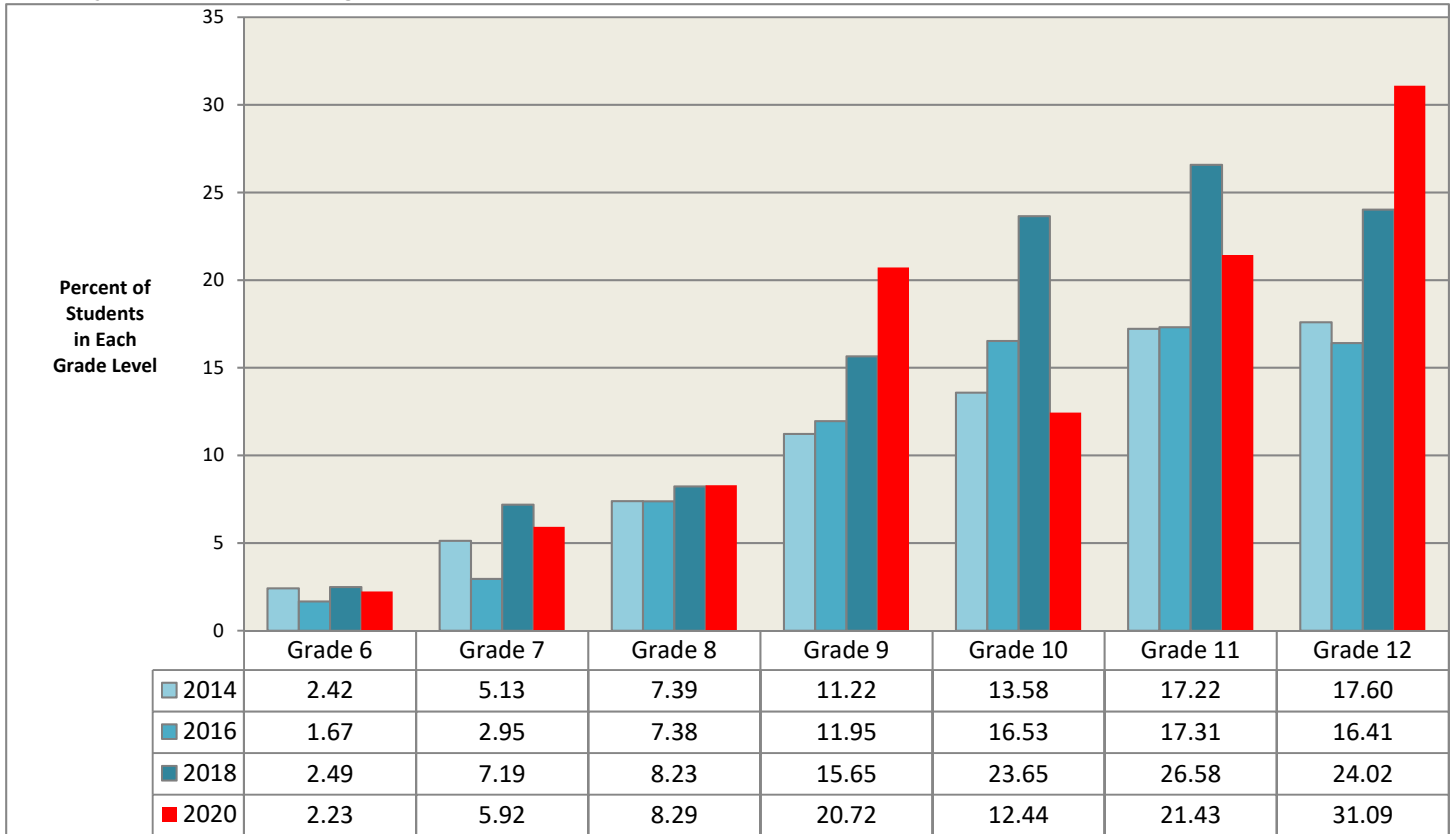
Lifetime Use of Cigarettes: Missouri Students in Grades 6-12



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

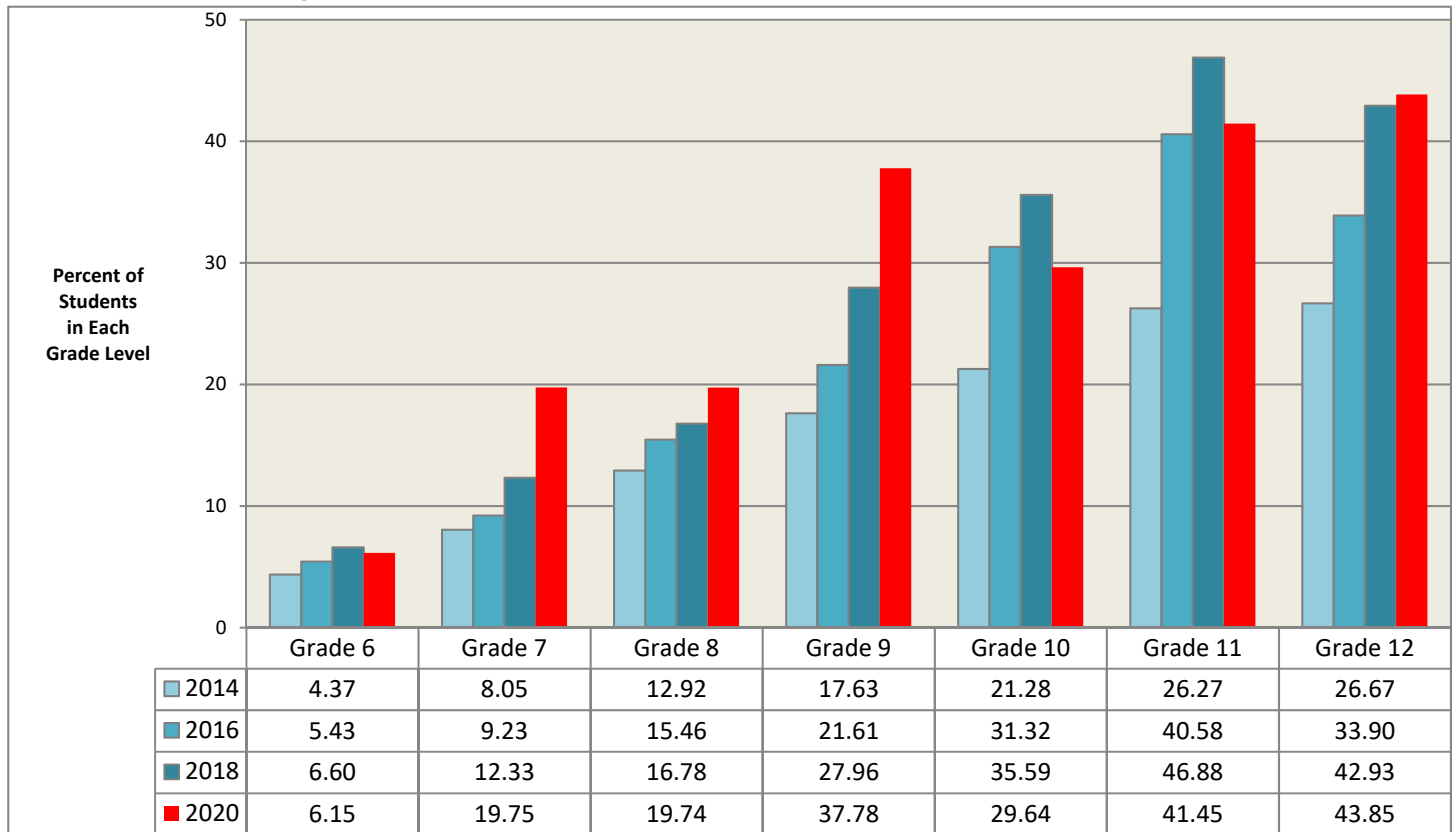
ELECTRONIC CIGARETTE USE: MISSOURI STUDENTS IN GRADES 6-12

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.

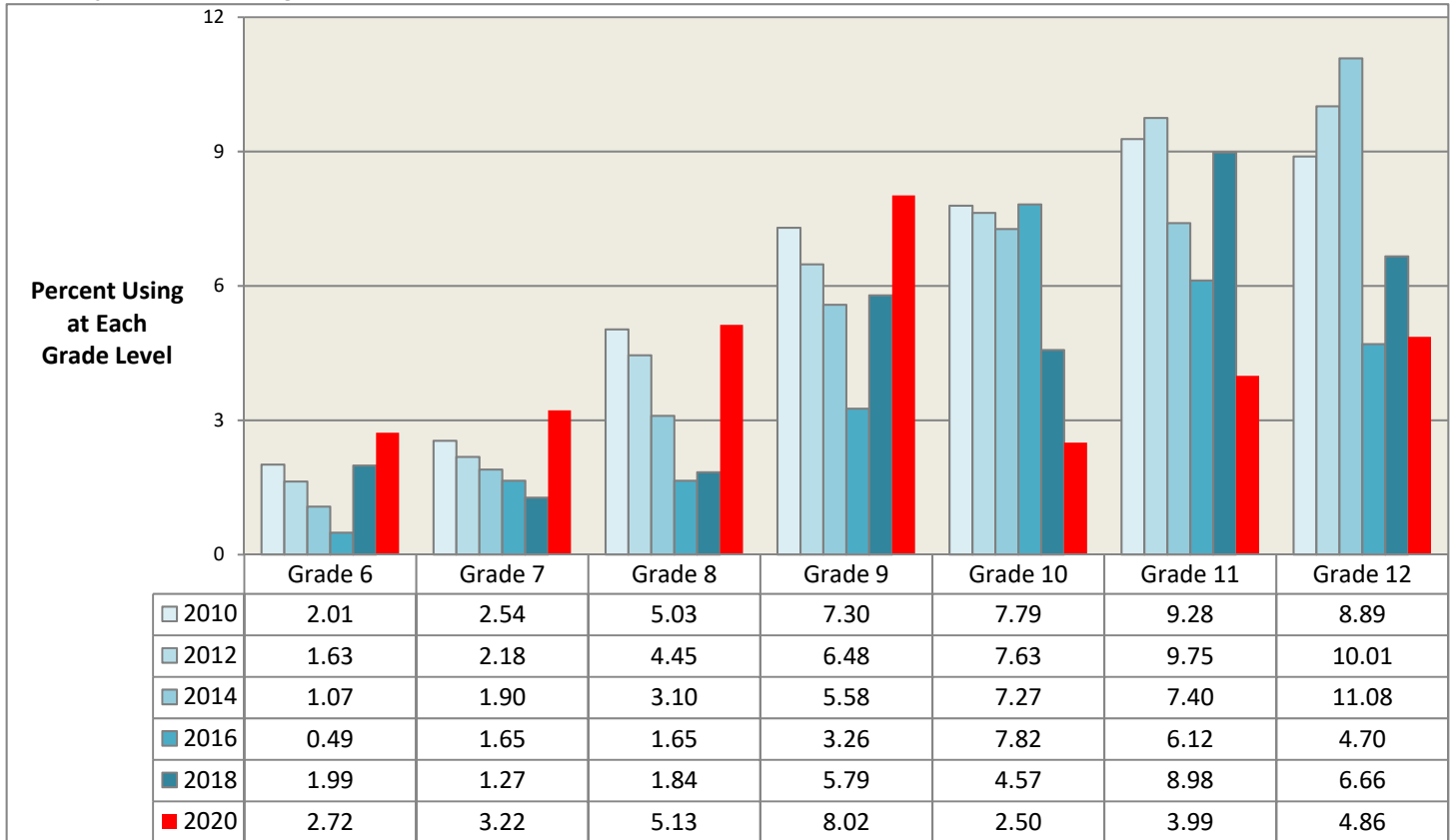
Lifetime Use of Electronic Cigarettes (%): Missouri Students in Grades 6-12



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

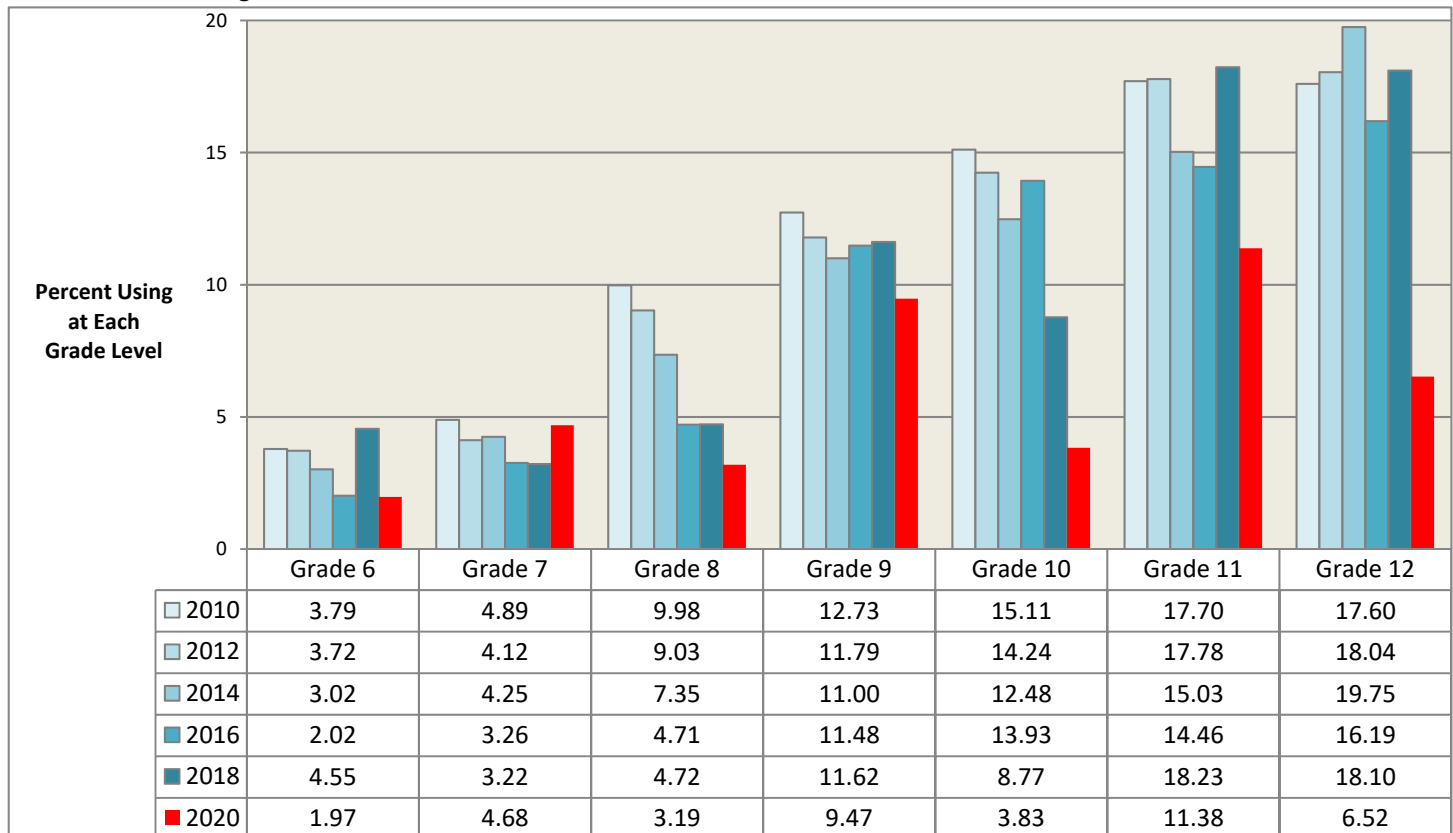
CHEWING TOBACCO USE: MISSOURI STUDENTS IN GRADES 6-12

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.

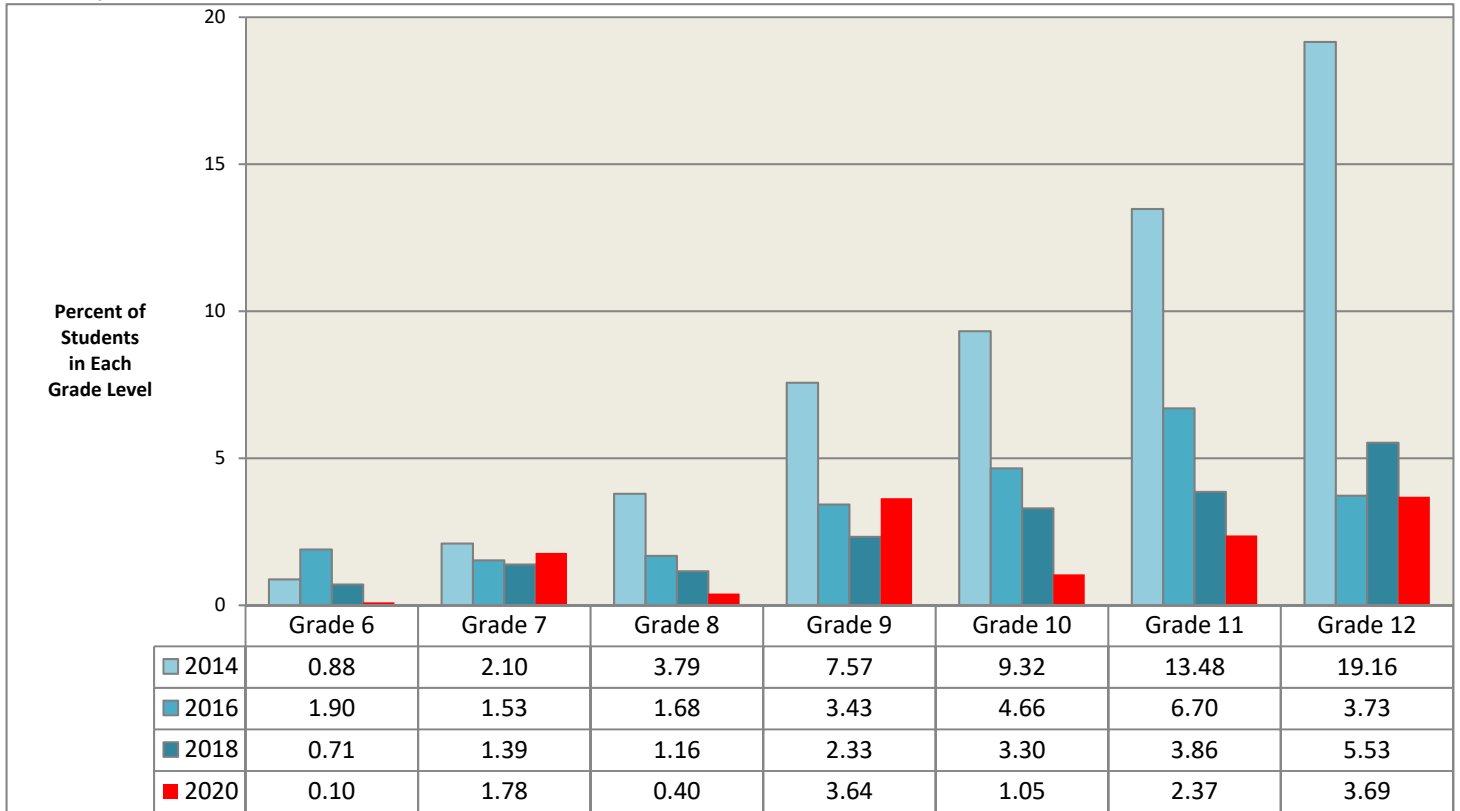
Lifetime Use of Chewing Tobacco: Missouri Students in Grades 6-12



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

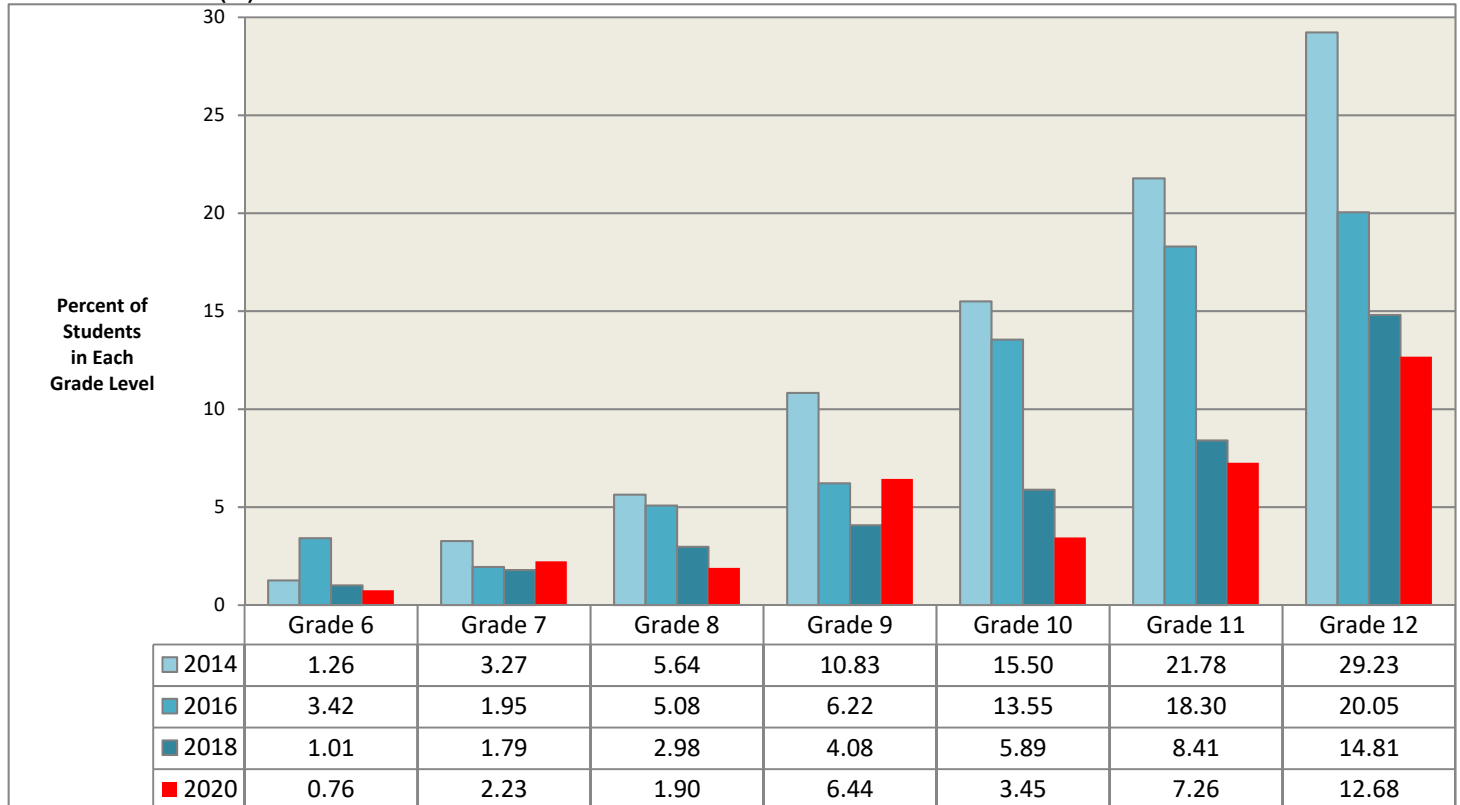
HOOKAH USE: MISSOURI STUDENTS IN GRADES 6-12

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



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

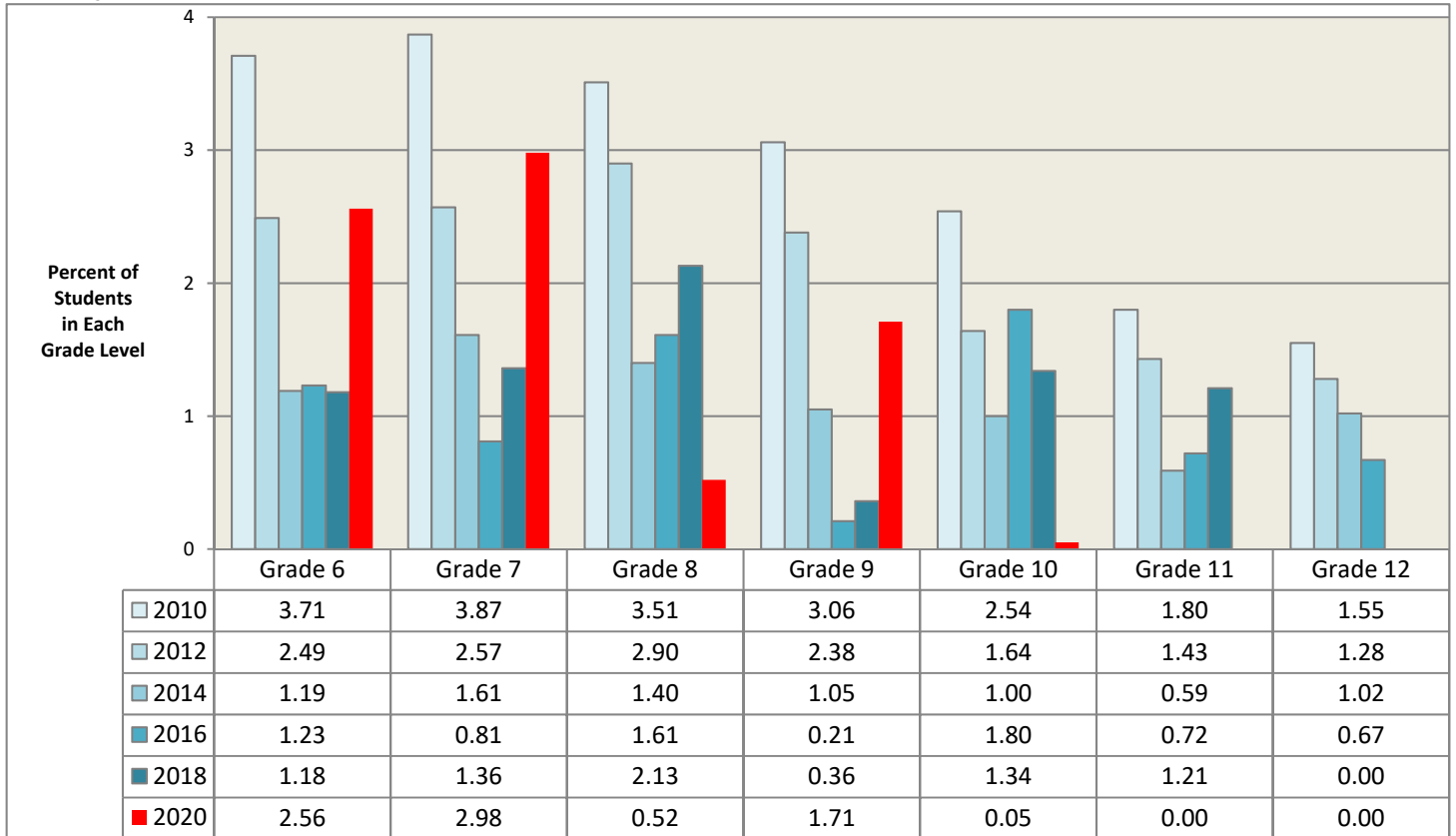
Lifetime Hookah Use (%): Missouri Students in Grades 6-12



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

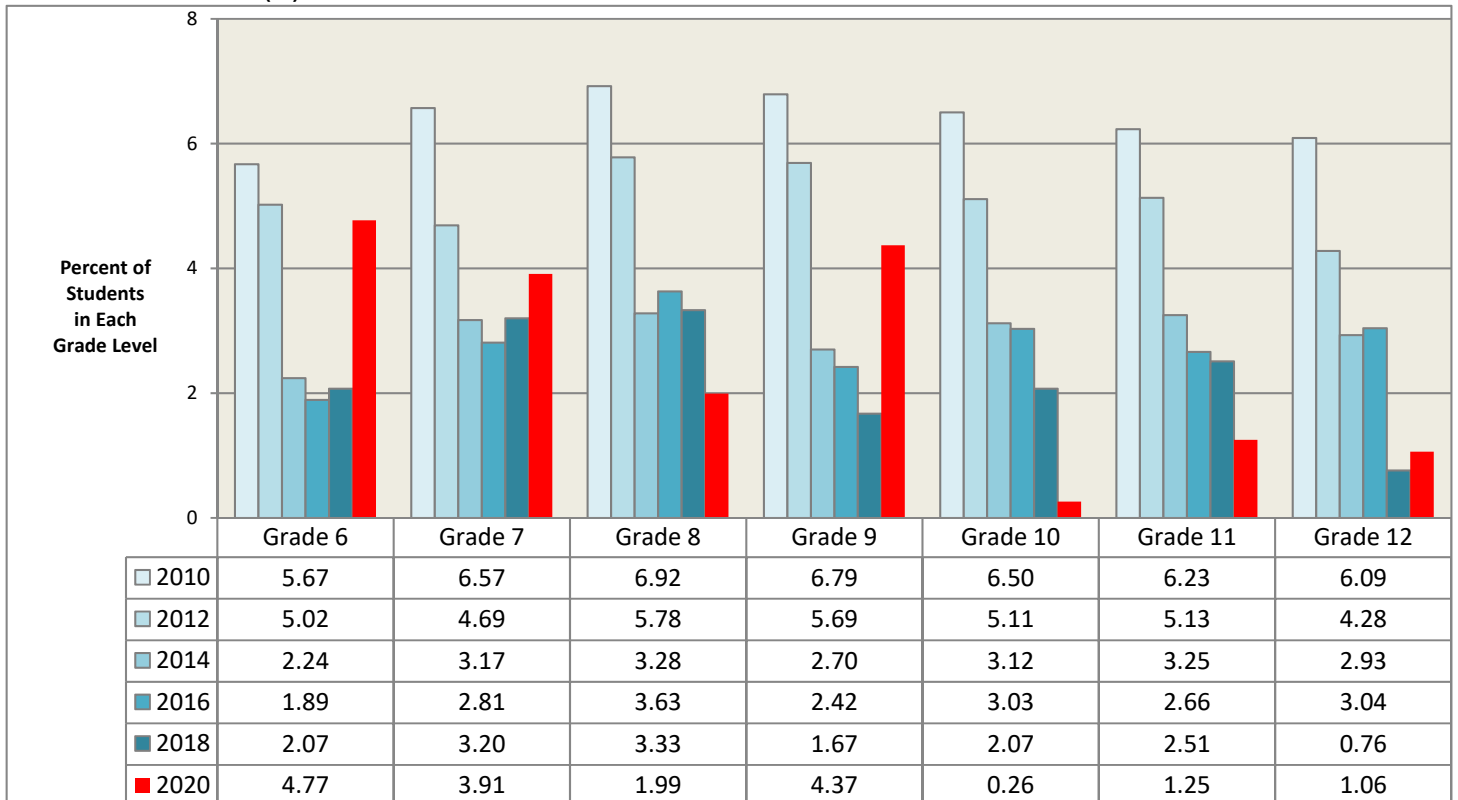
INHALANT USE: MISSOURI STUDENTS IN GRADES 6-12

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.

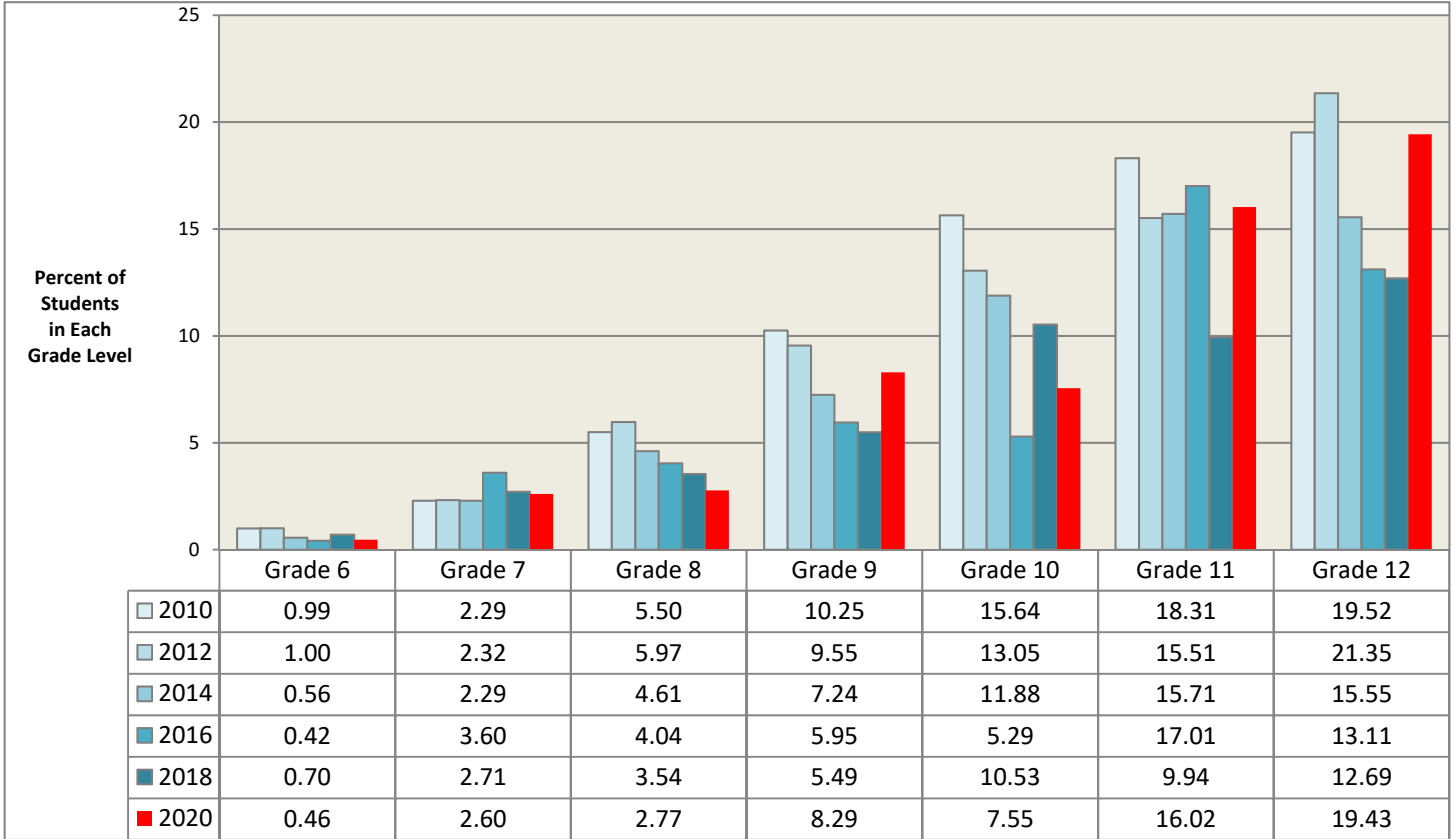
Lifetime Use of Inhalants (%): Missouri Students in Grades 6-12



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

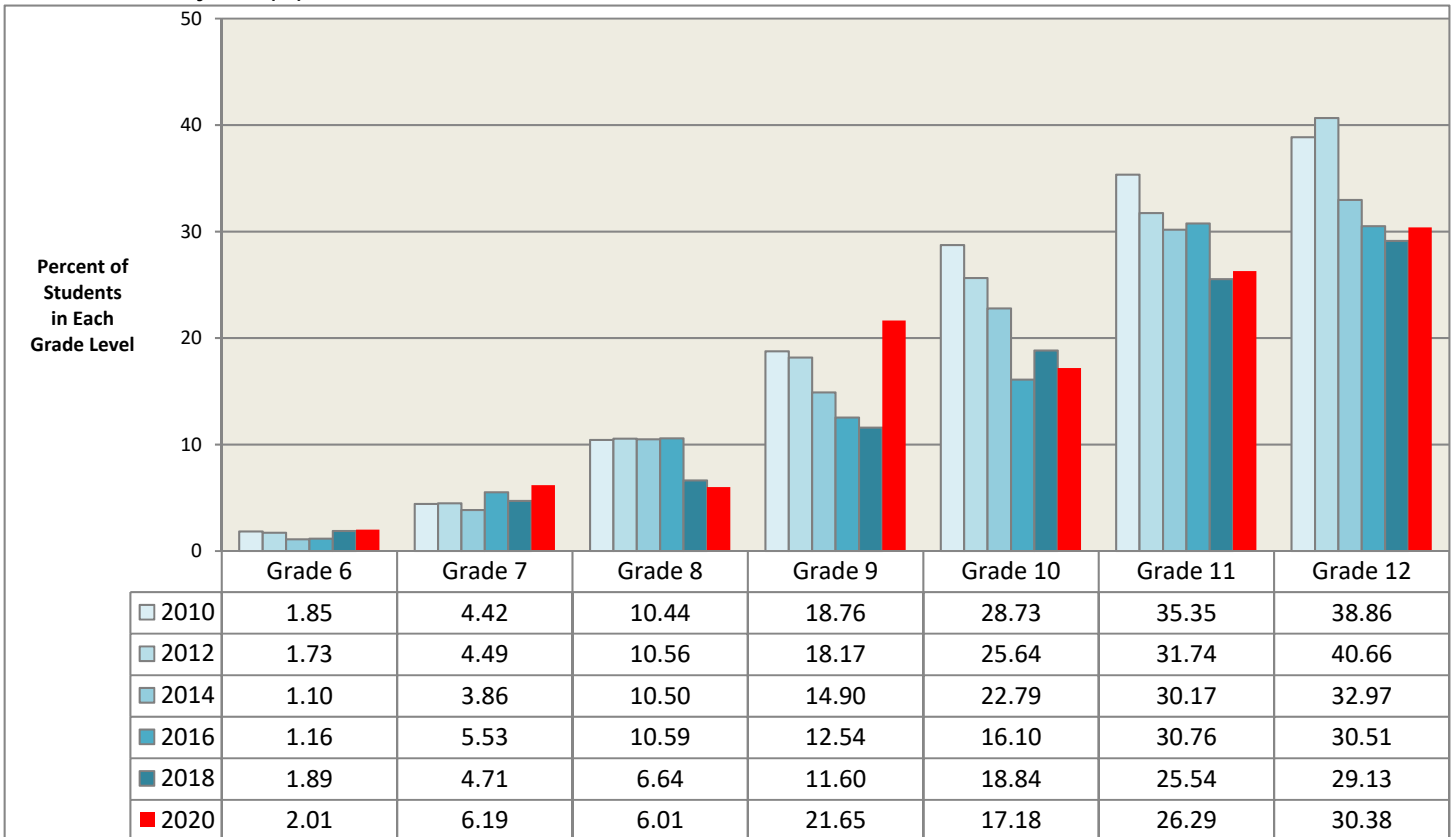
MARIJUANA USE: MISSOURI STUDENTS IN GRADES 6-12

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.

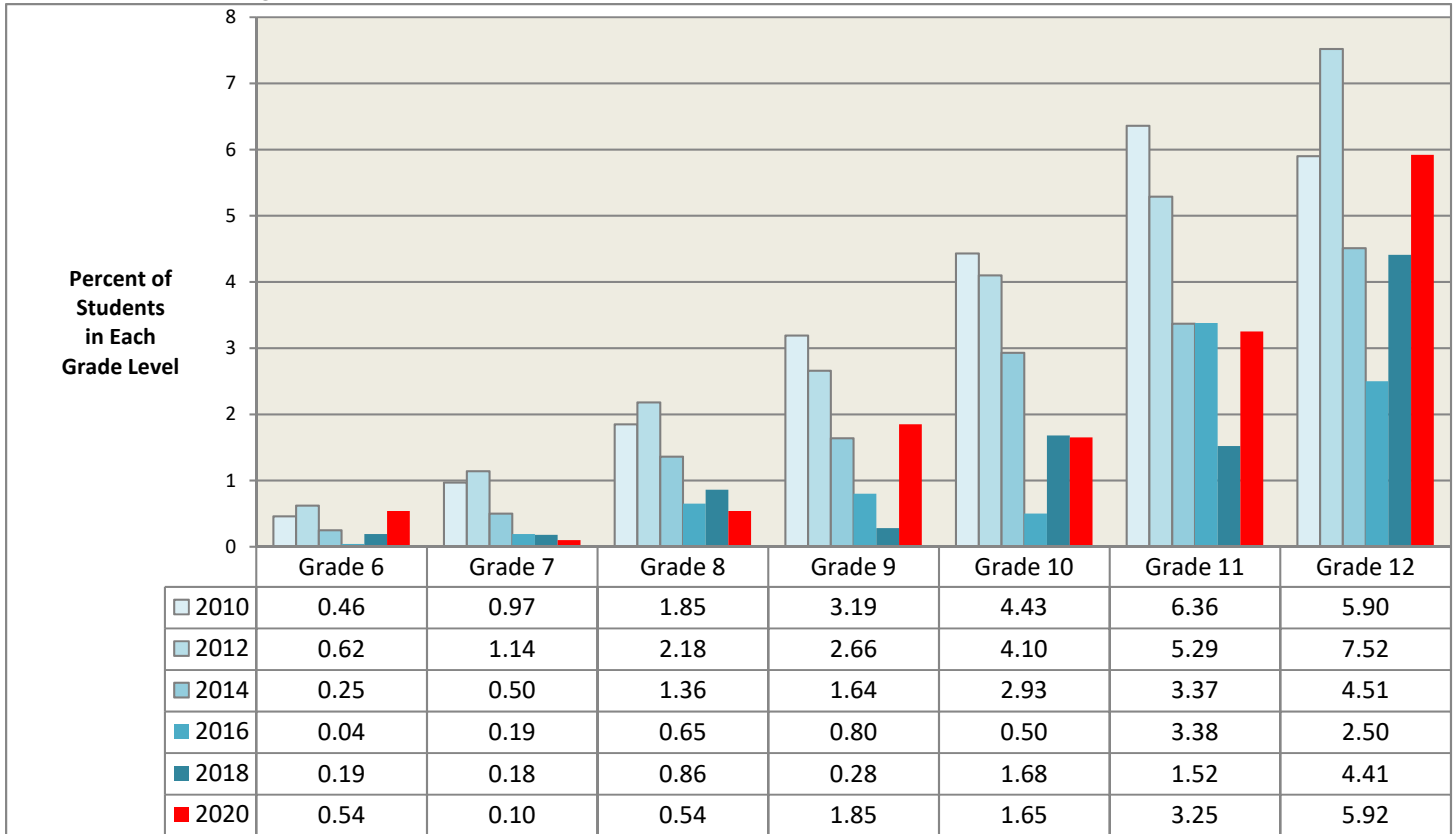
Lifetime Use of Marijuana (%): Missouri Students in Grades 6-12



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 *

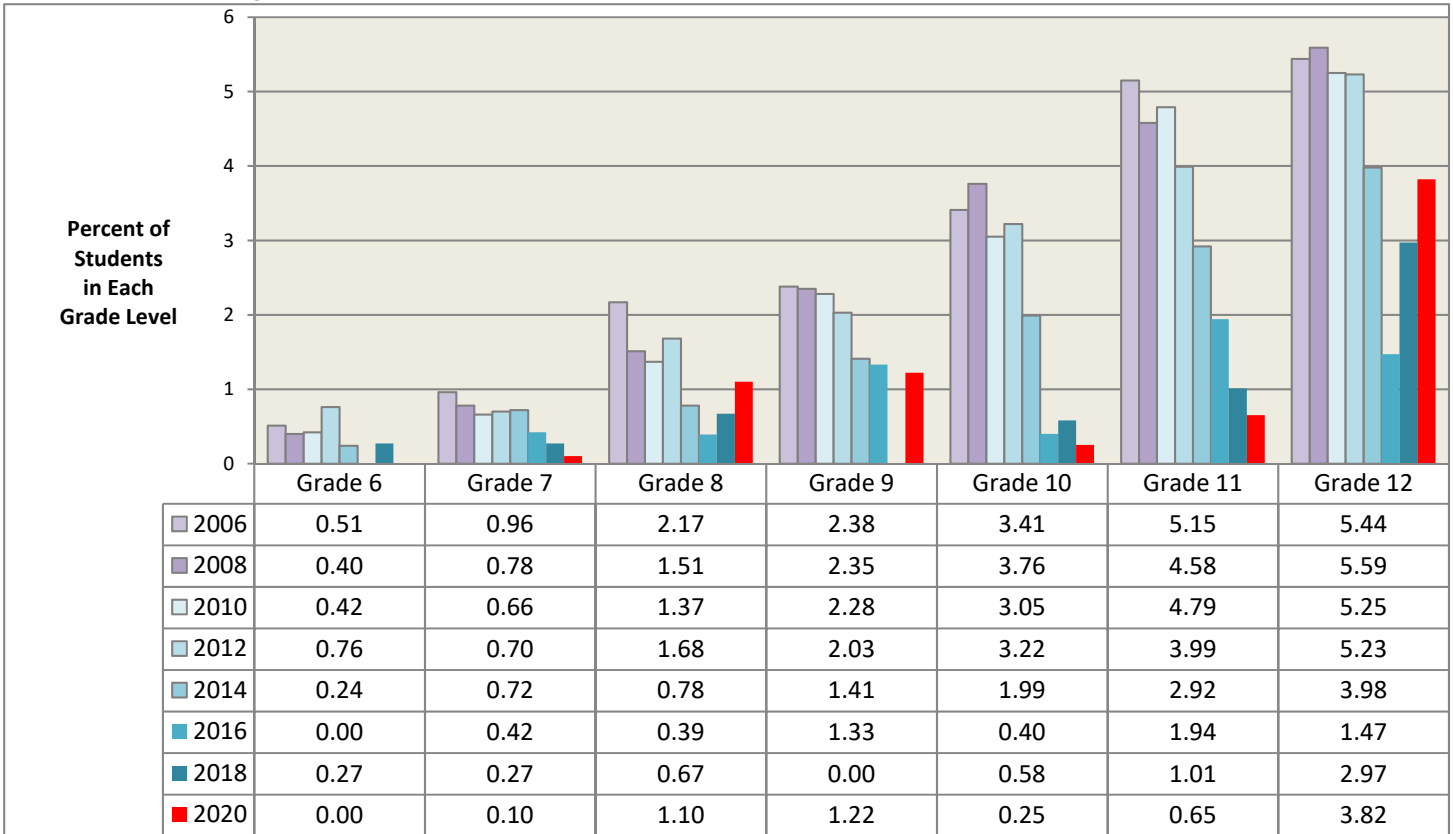


* In the Missouri Student Survey questionnaire, LSD (acid), PCP (angel dust), Magic Mushrooms, Mescaline, Peyote, and Psilocybin are listed as examples of hallucinogens.

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

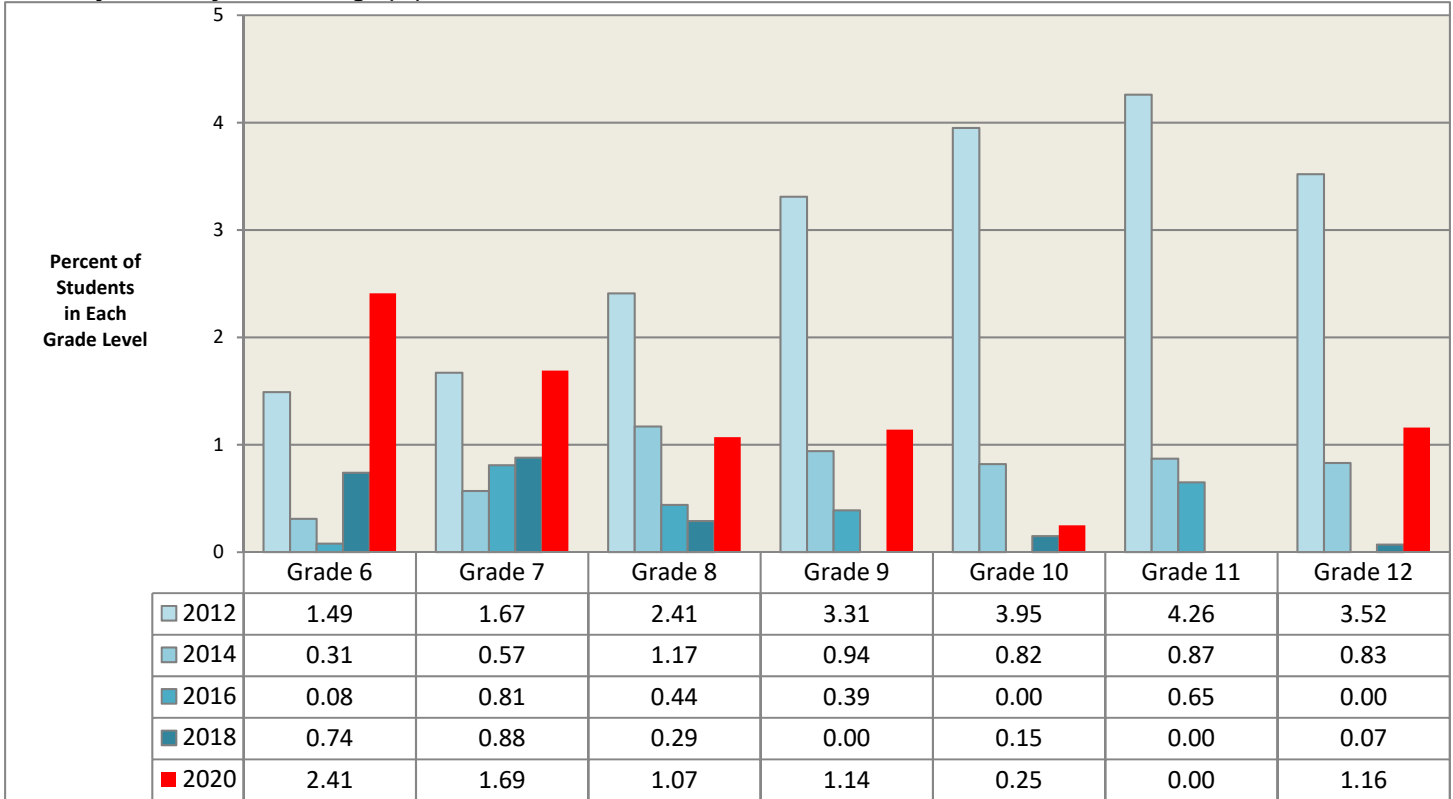


* In the Missouri Student Survey questionnaire, MDMA (molly, ecstasy, X, E), GHB (G), Rohypnol (roofie), and Ketamine (Special K) are listed as examples of club drugs.

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

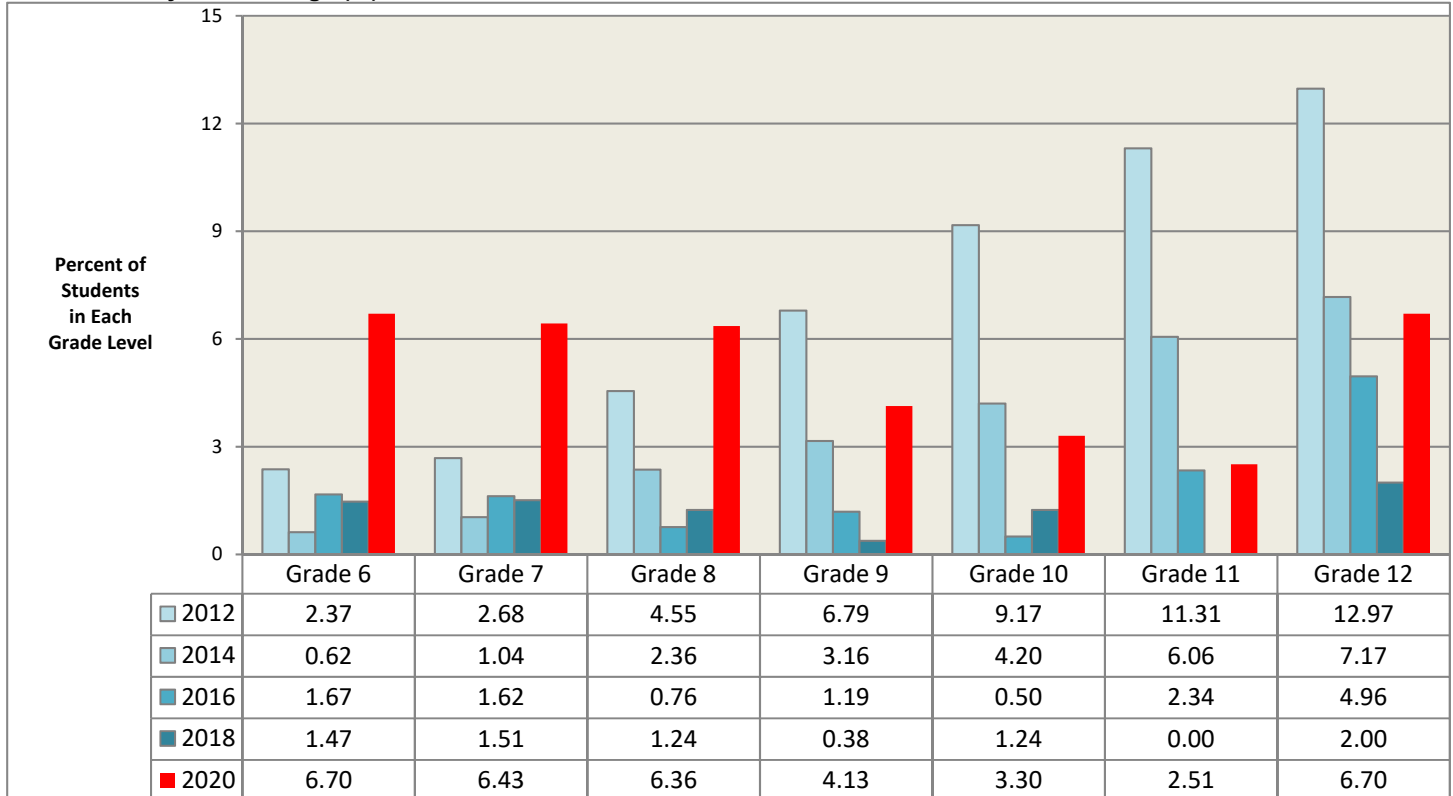
SYNTHETIC DRUG USE: MISSOURI STUDENTS IN GRADES 6-12

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.

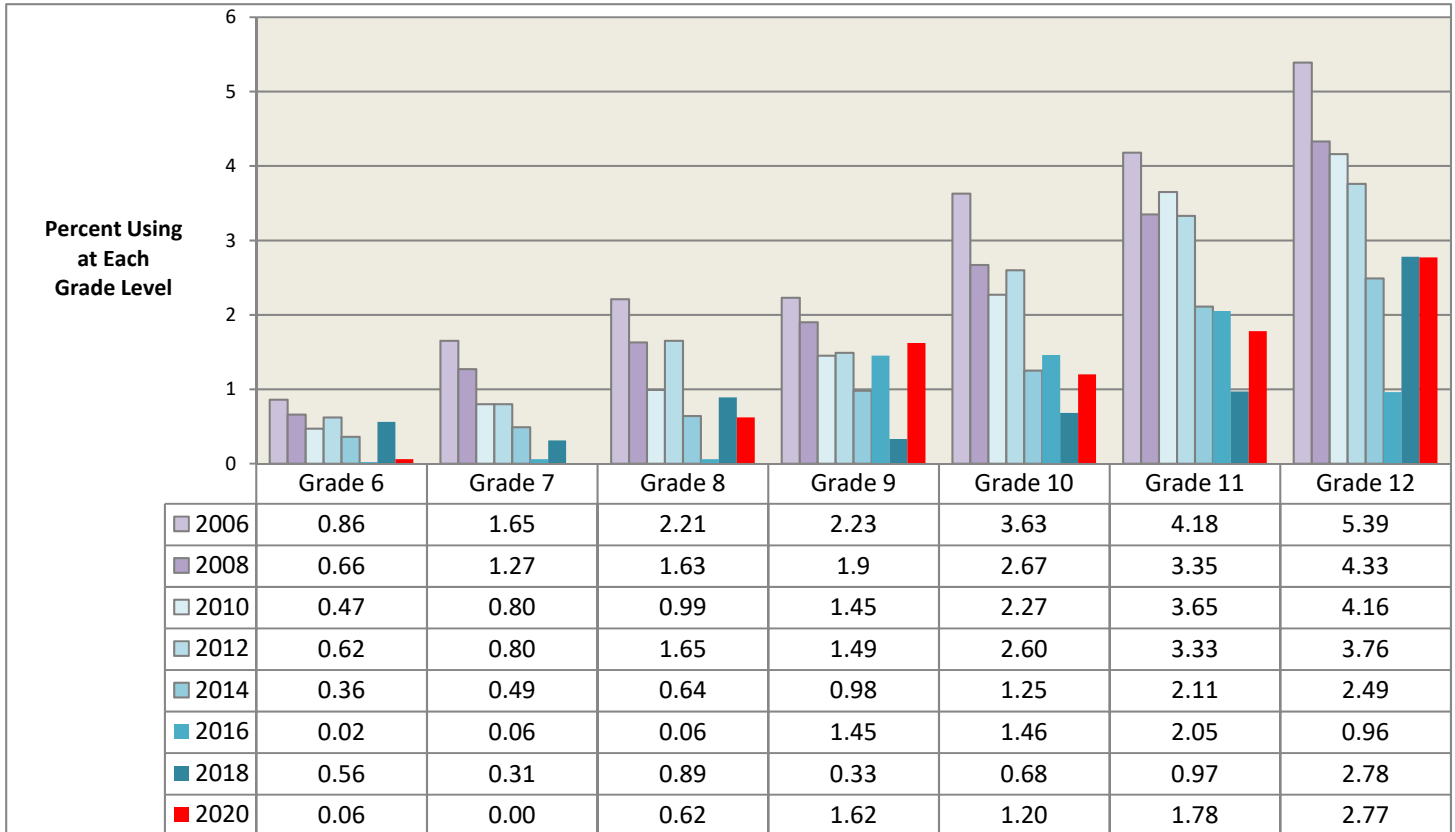
Lifetime Use of Synthetic Drugs (%): Missouri Students in Grades 6-12



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

COCAINE USE: MISSOURI STUDENTS IN GRADES 6-12

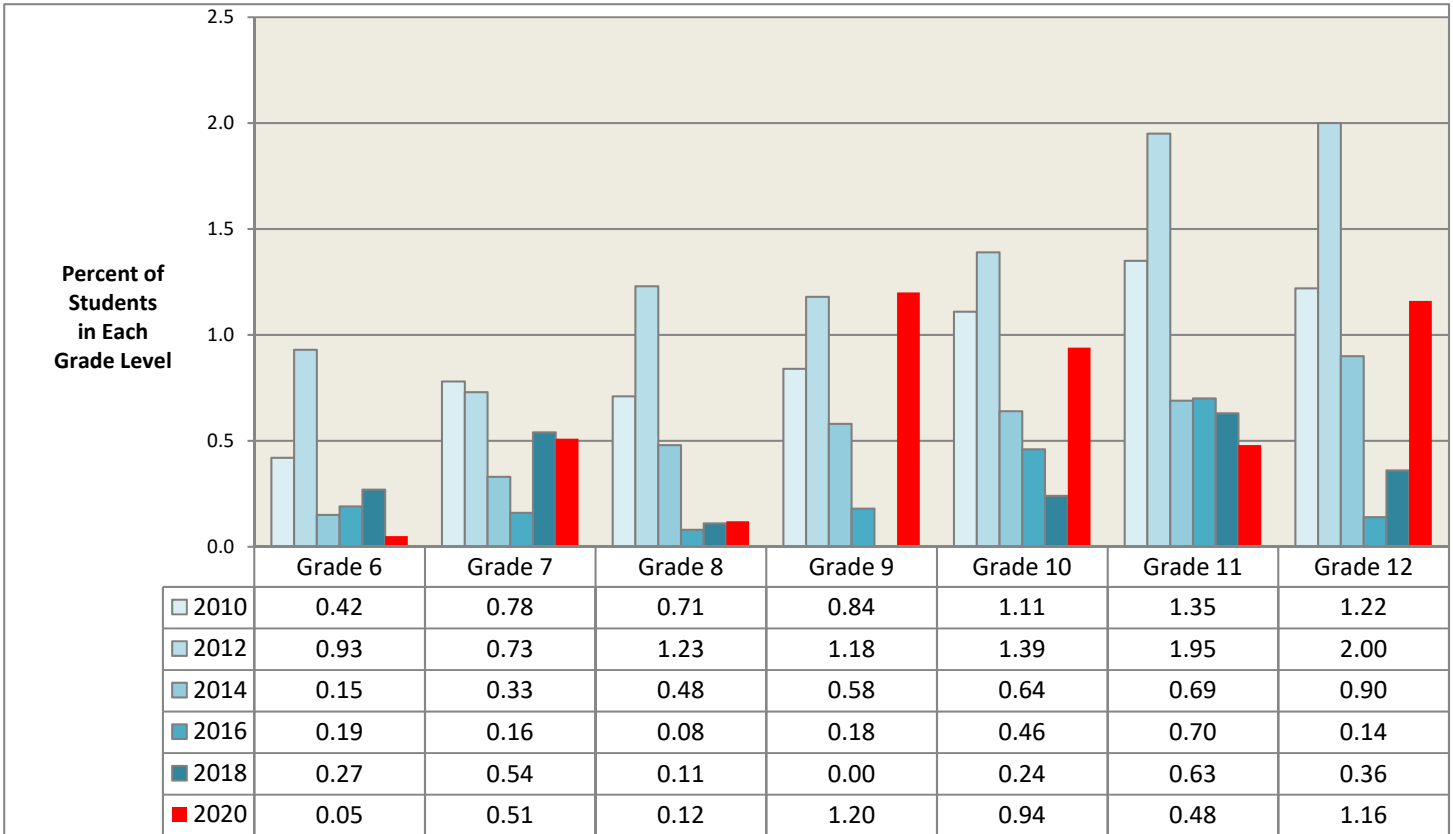
Lifetime Use of Cocaine: Missouri Students in Grades 6-12



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

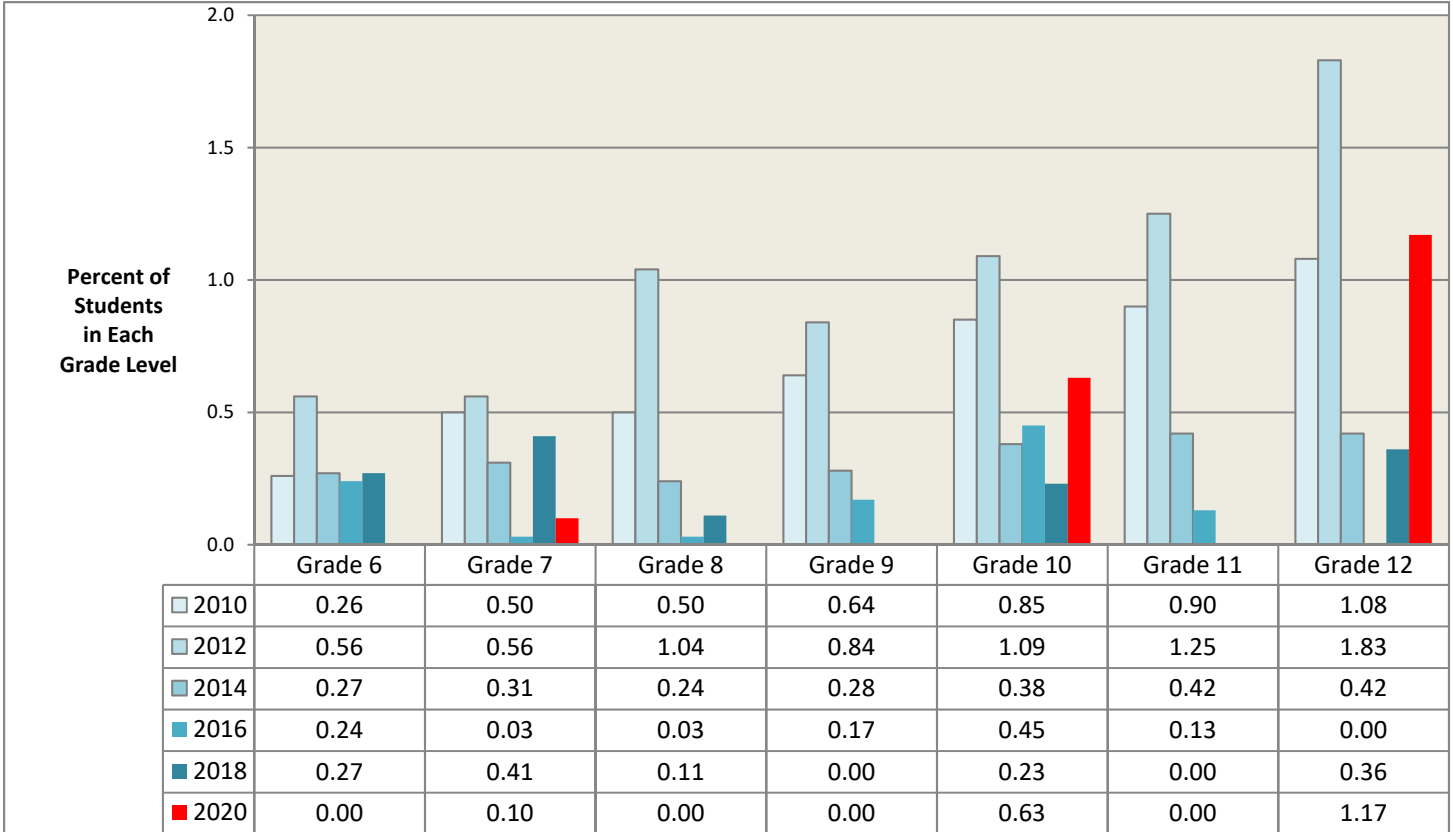


* In the Missouri Student Survey questionnaire, meth, crank, crystal, and ice are listed as examples of methamphetamine.

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

HEROIN USE: MISSOURI STUDENTS IN GRADES 6-12

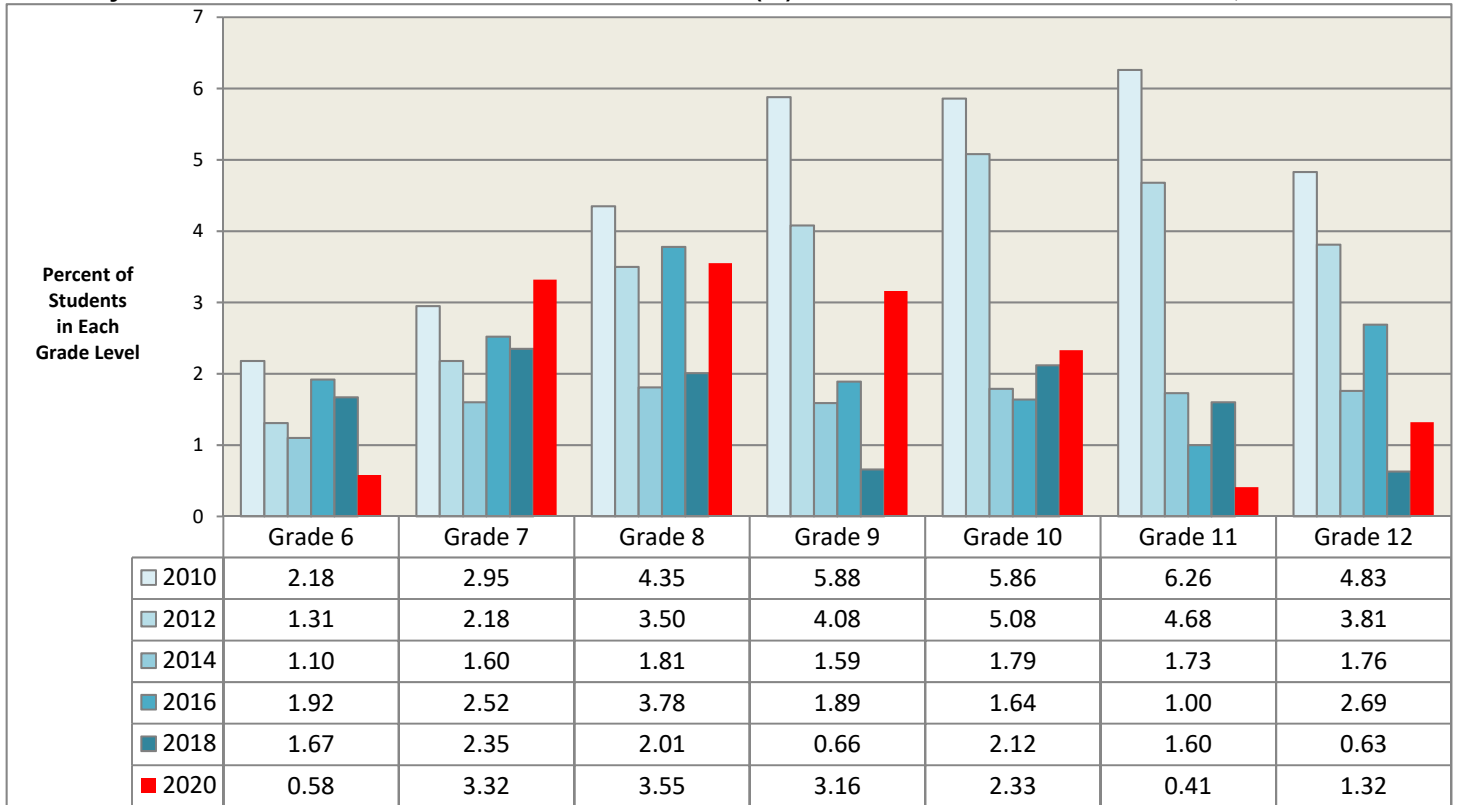
Lifetime Use of Heroin (%): Missouri Students in Grades 6-12



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

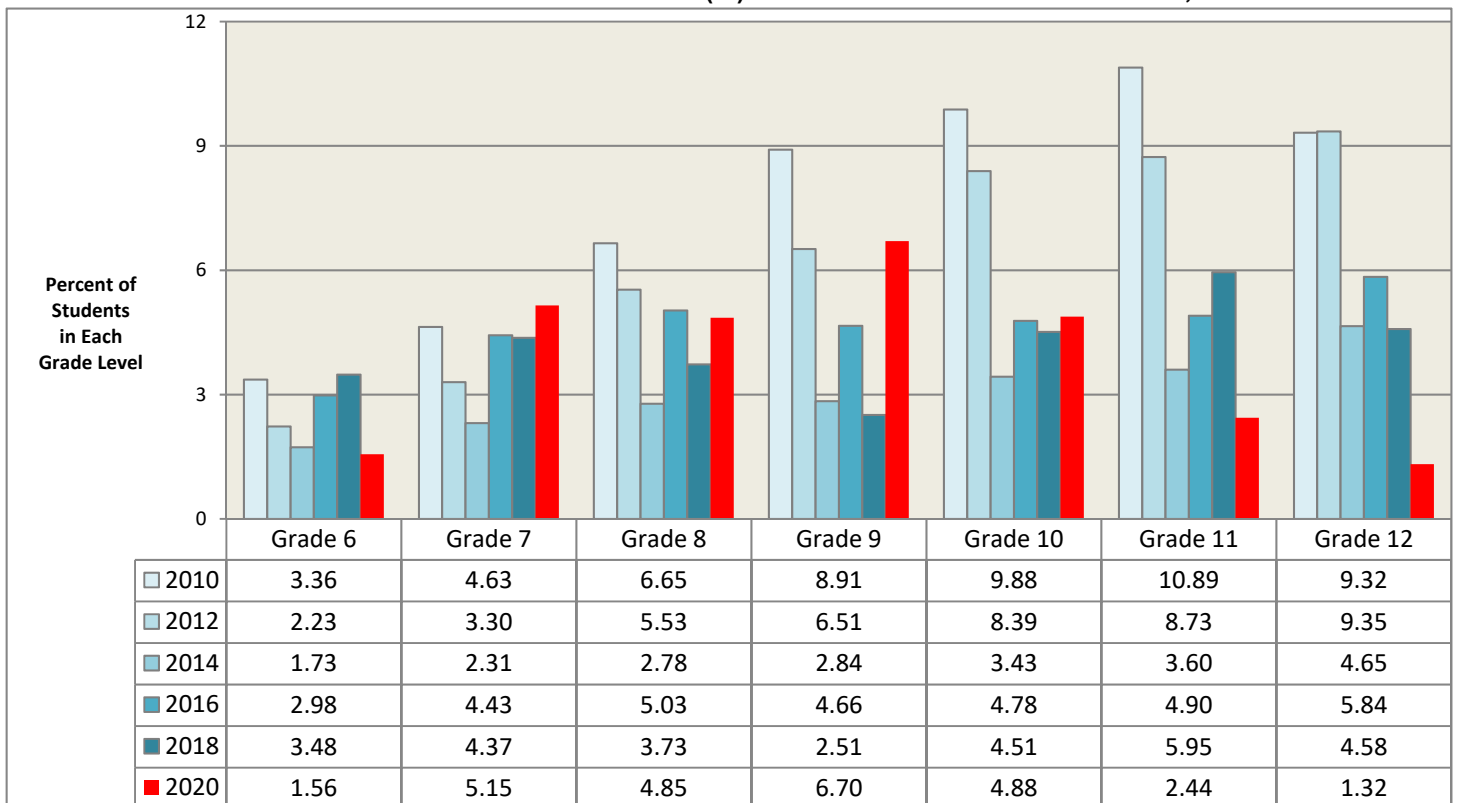
OVER-THE-COUNTER MEDICATION USE: MISSOURI STUDENTS IN GRADES 6-12

Past 30-Day Non-medical Use of Over-the-Counter Medicines (%): Missouri Students in Grades 6-12, 2010-2018 *



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

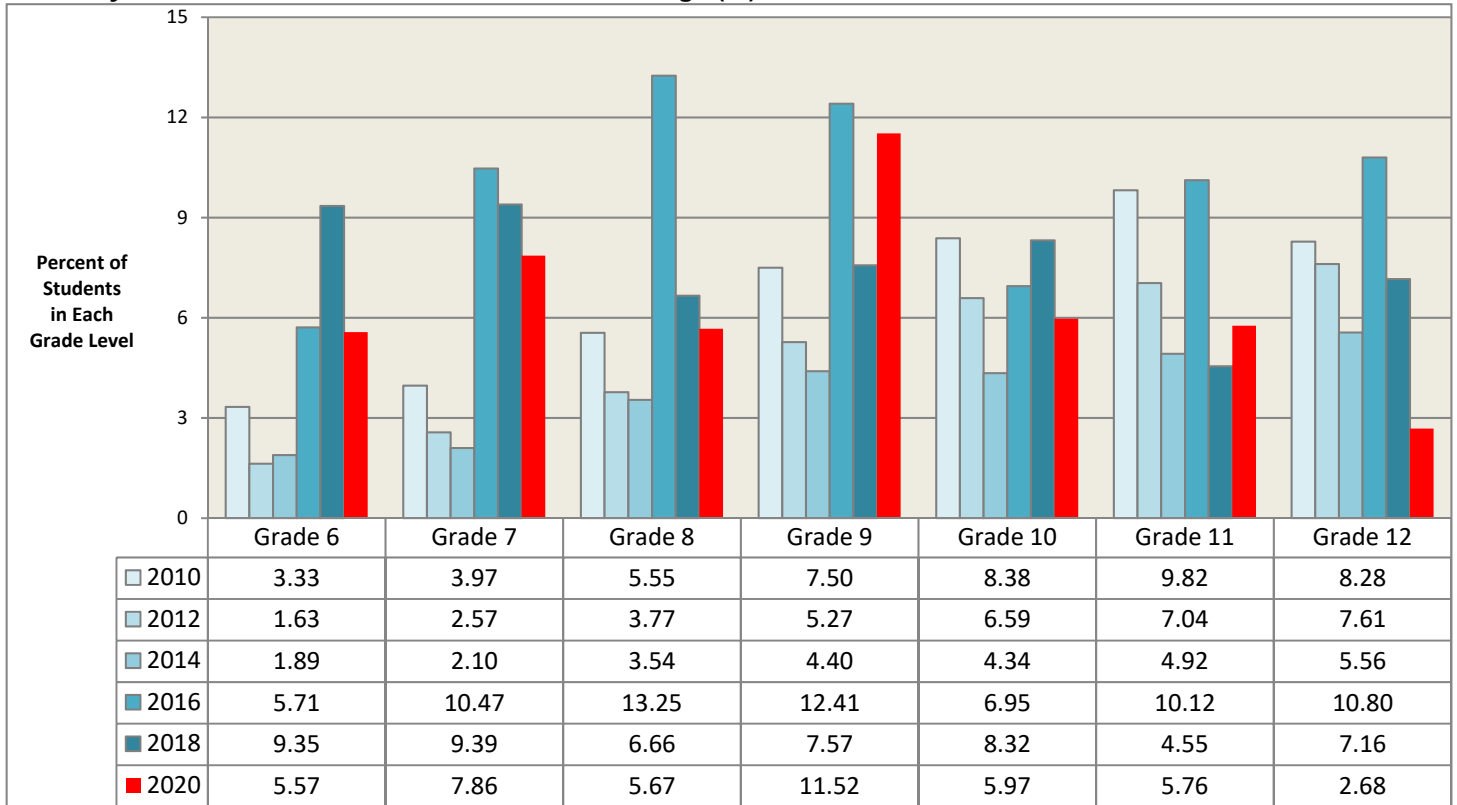
Lifetime Non-medical Use of Over-the-Counter Medicines (%): Missouri Students in Grades 6-12, 2010-2018



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

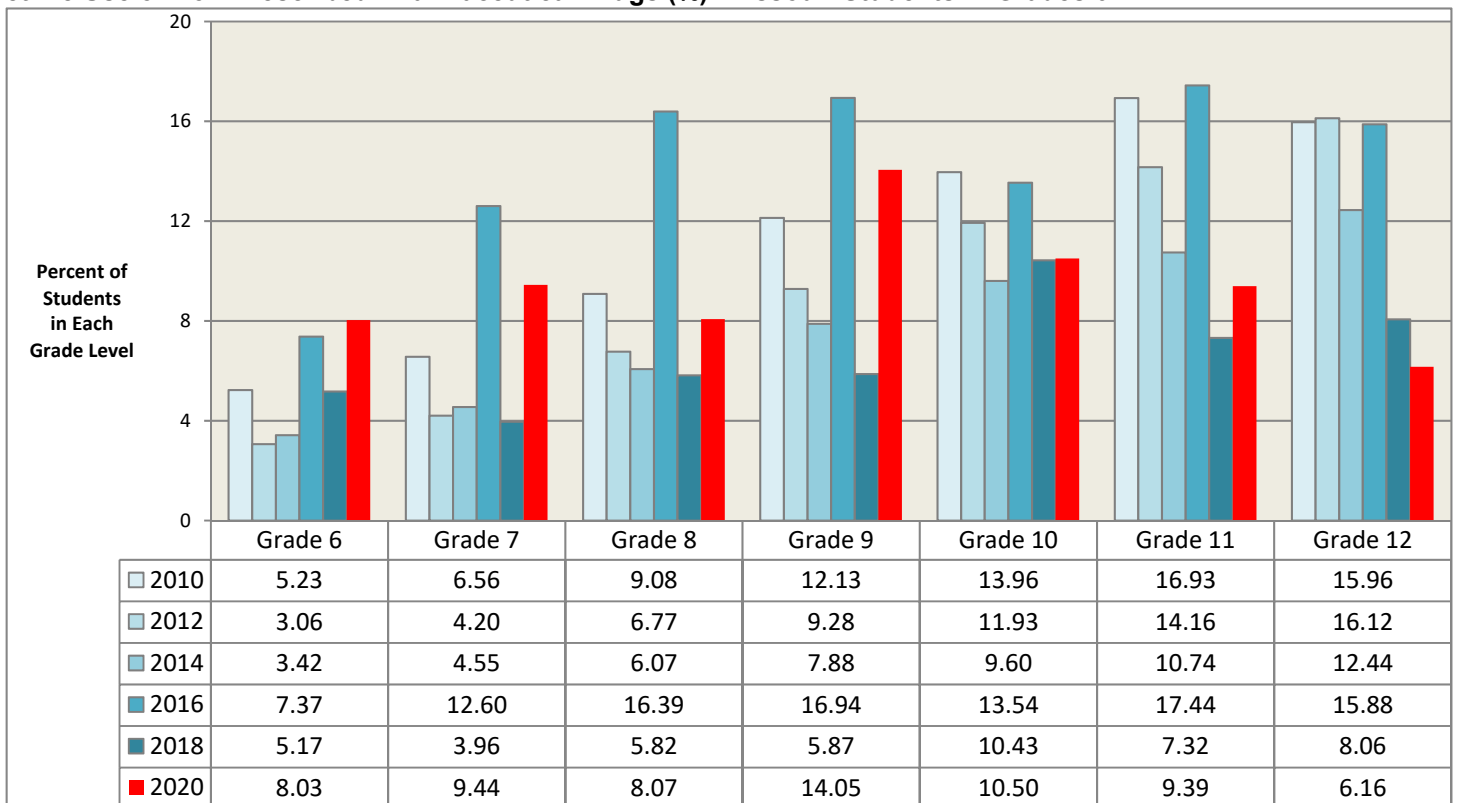
PHARMACEUTICAL DRUG USE: MISSOURI STUDENTS IN GRADES 6-12

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



* In the Missouri Student Survey questionnaire, OxyContin, Percocet, Vicodin, codeine, Adderall, Ritalin, and Xanax are listed as examples of prescription drugs.

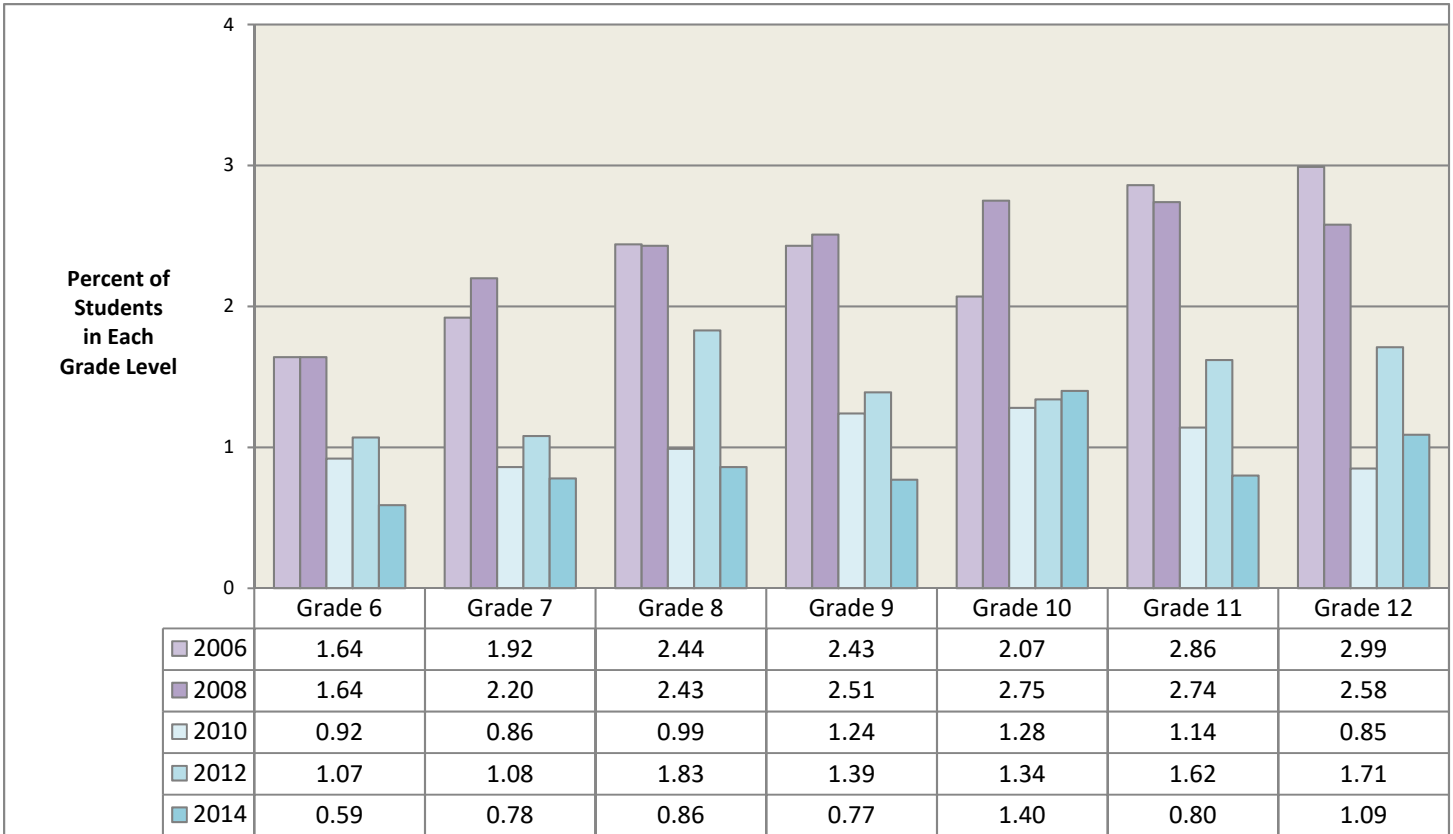
Lifetime Use of Non-Prescribed Pharmaceutical Drugs (%): Missouri Students in Grades 6-12



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

STEROID USE: MISSOURI STUDENTS IN GRADES 6-12

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

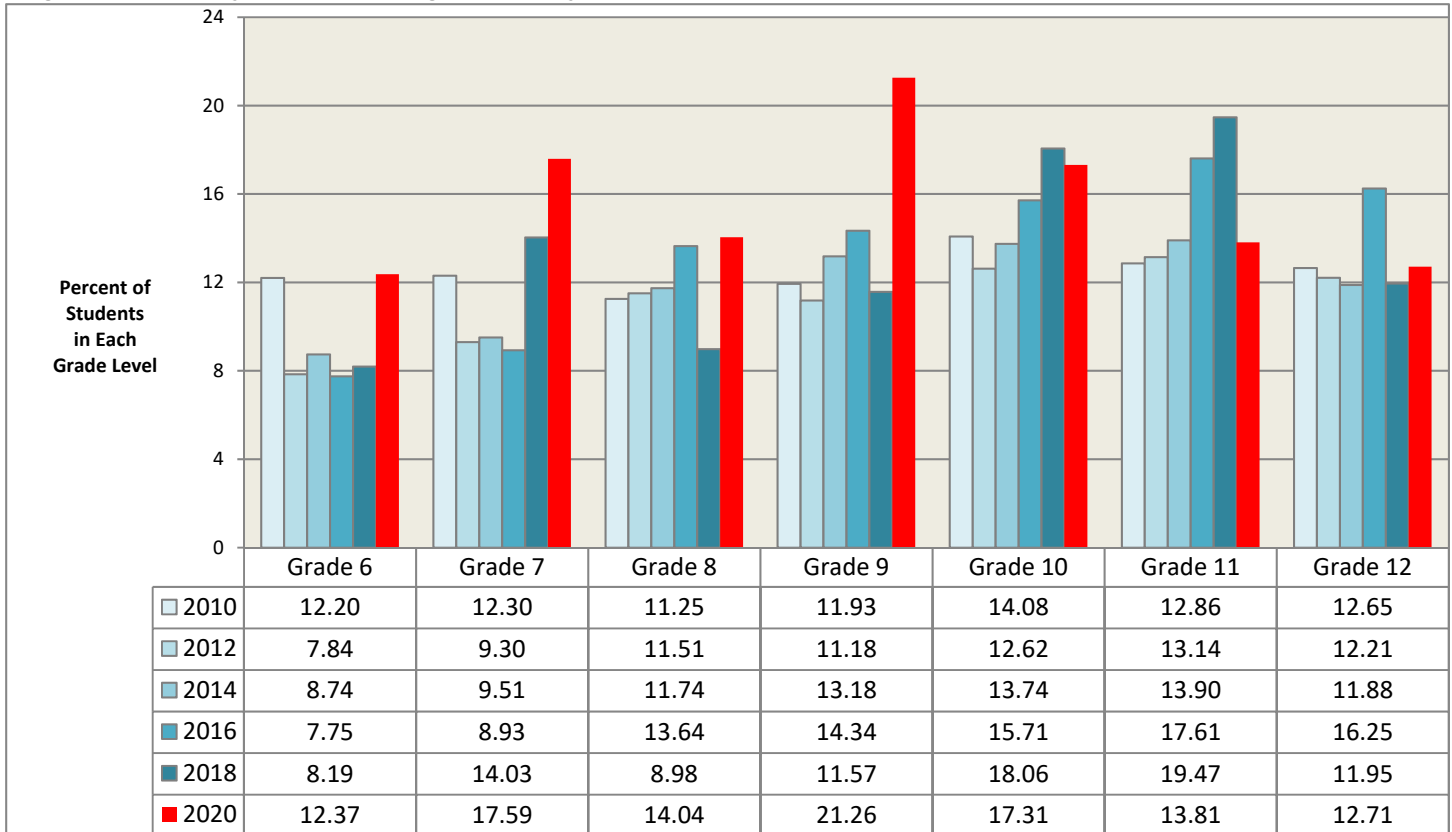


* Steroid measure was not included in the 2016, 2018, and 2020 surveys.

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

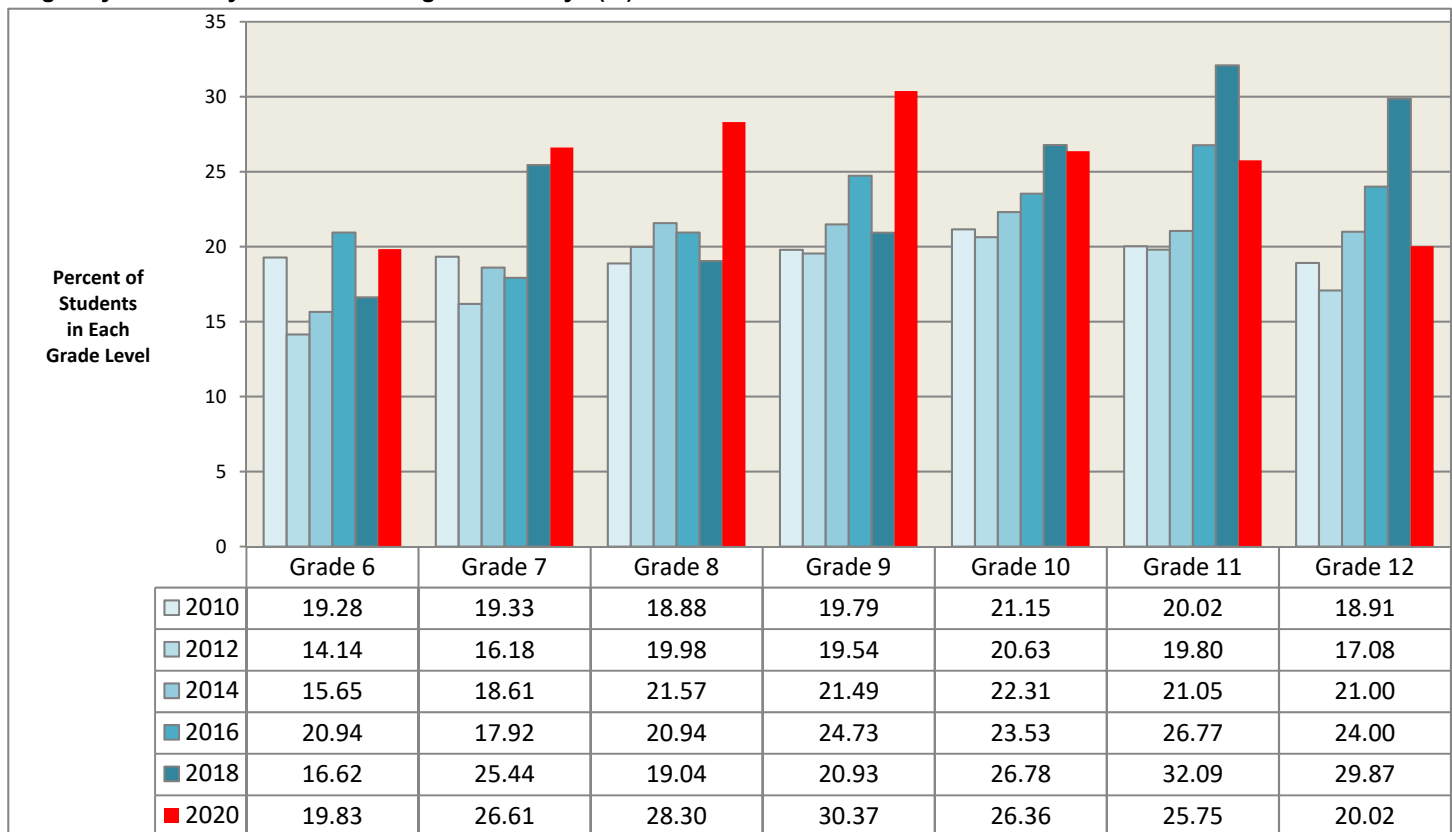
DEPRESSION: MISSOURI STUDENTS IN GRADES 6-12

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



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

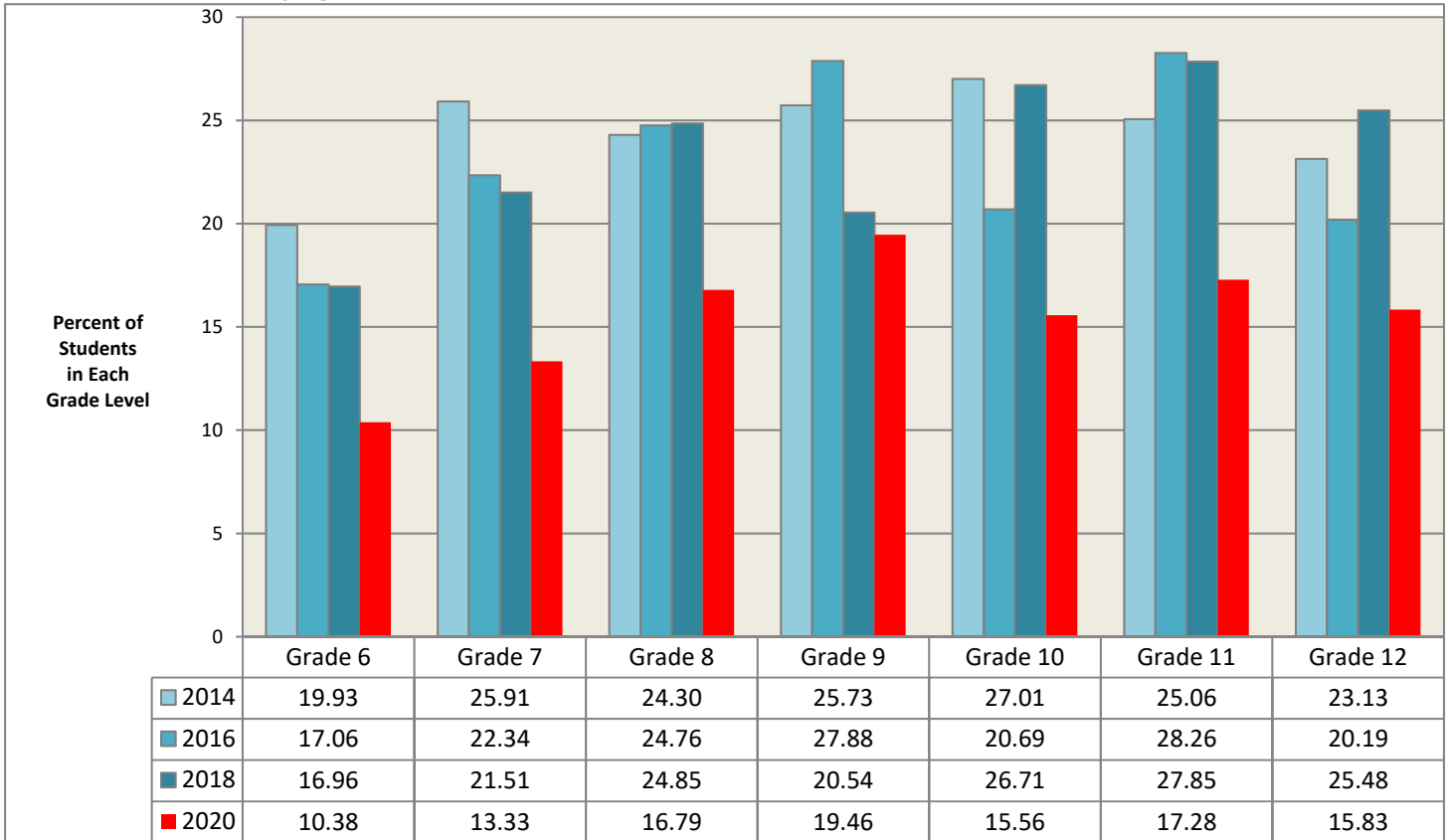
Feeling Very Sad Always or Often during Past 30 Days (%): Missouri Students in Grades 6-12



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

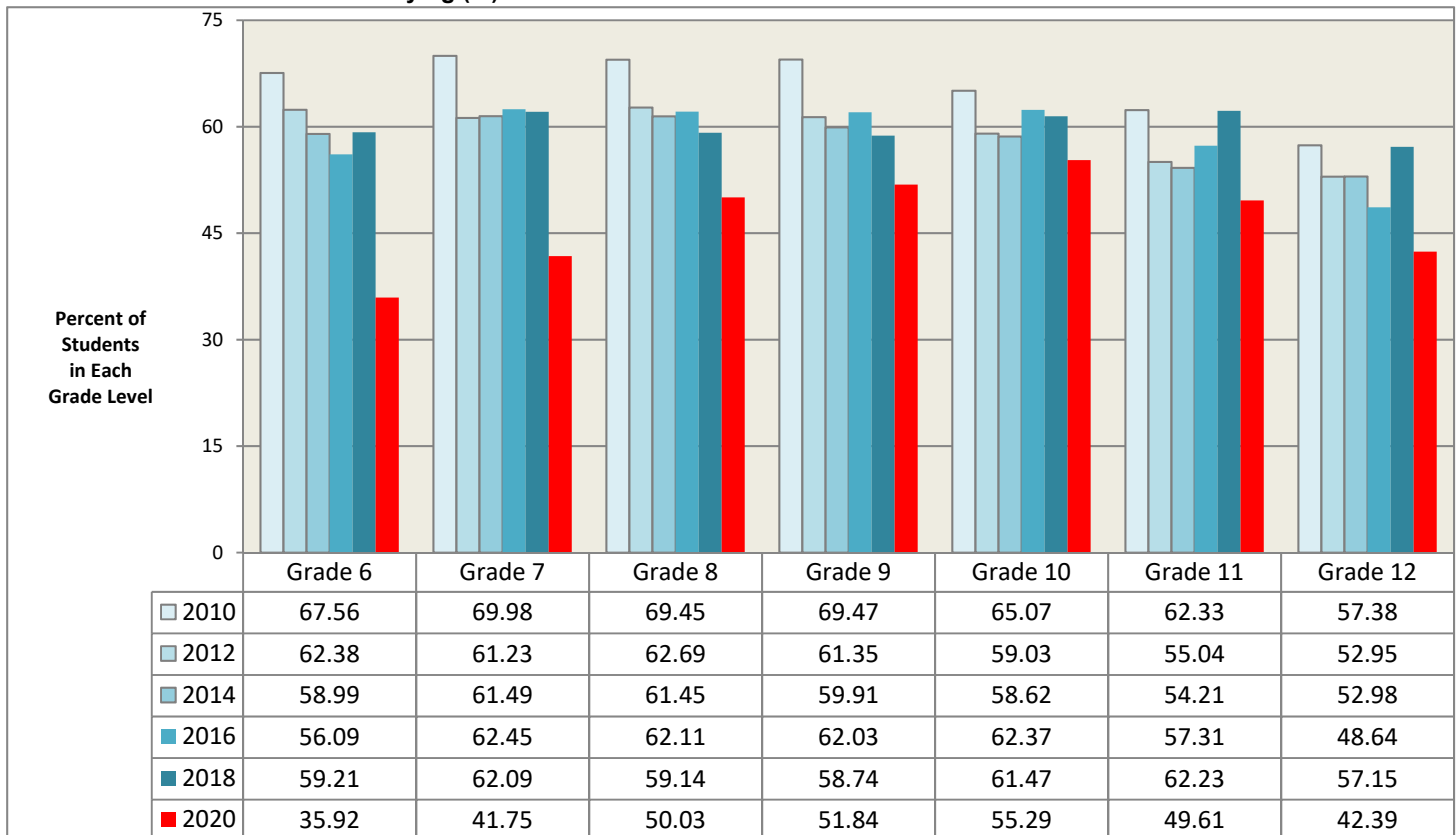
VICTIM OF BULLYING: MISSOURI STUDENTS IN GRADES 6-12

Past 3-Month Victim of Bullying Online or Via Cell Phone (%): Missouri Students in Grades 6-12



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

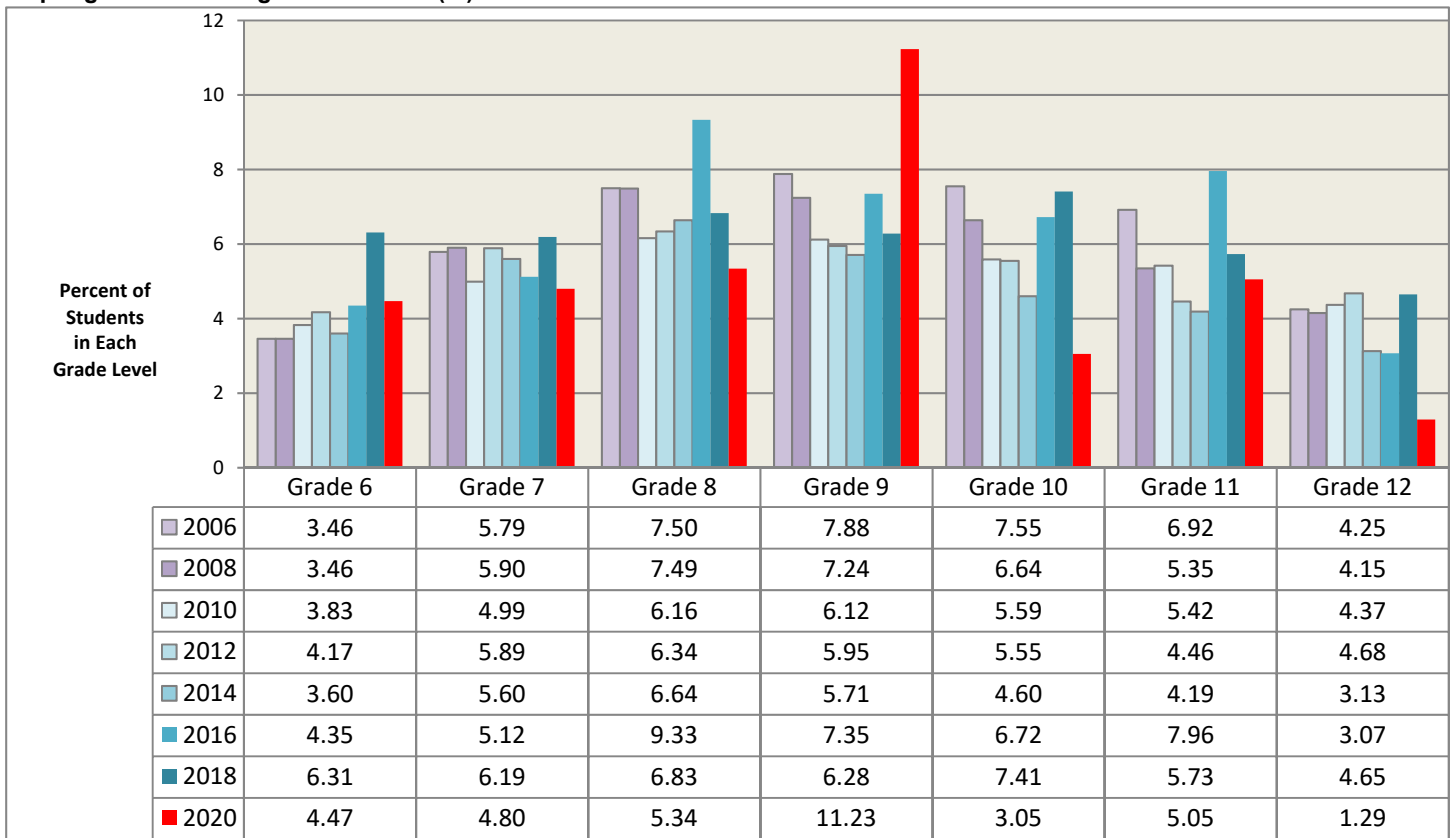
Past 3-Month Victim of Emotional Bullying (%): Missouri Students in Grades 6-12



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

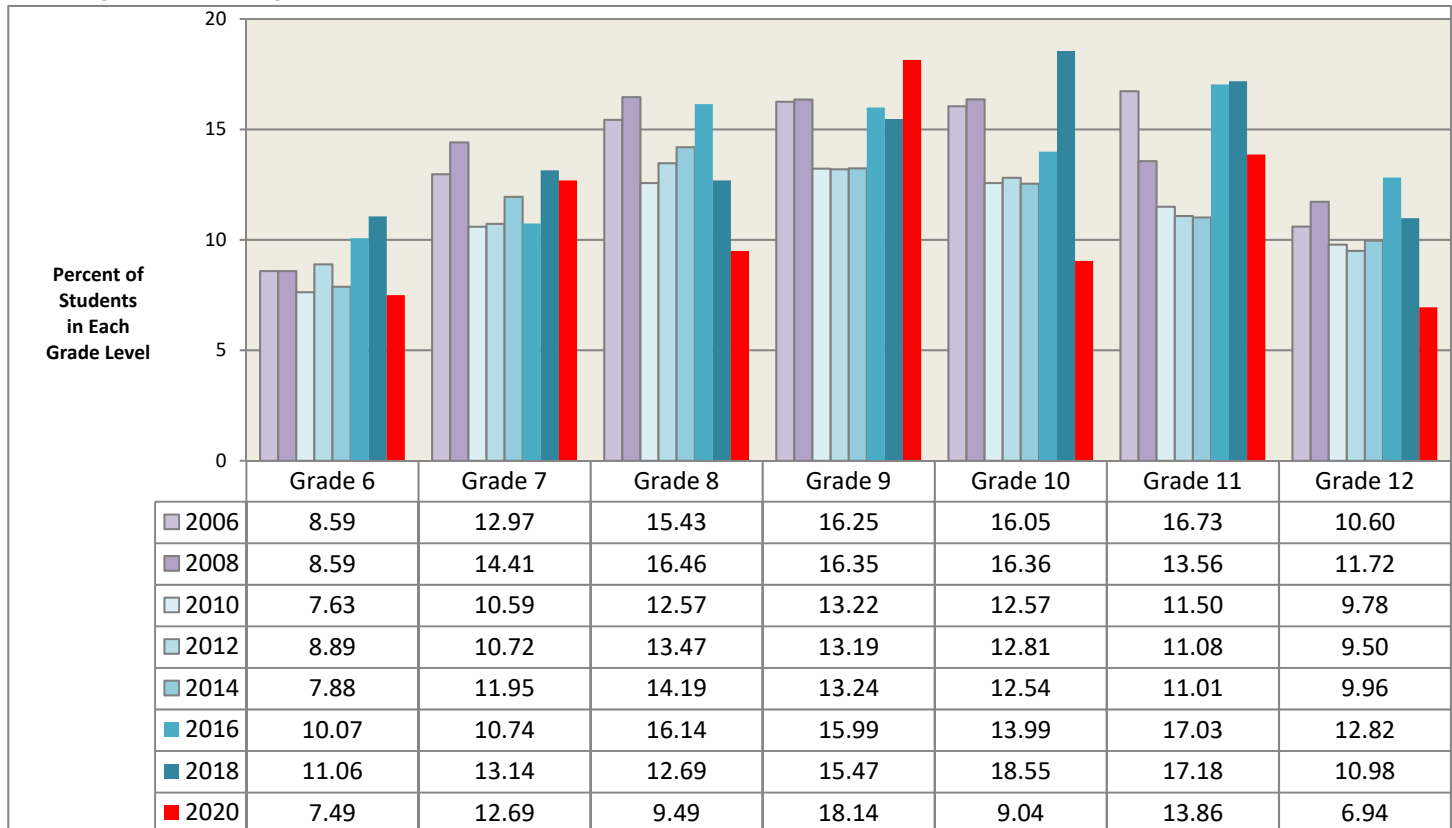
SUICIDE: MISSOURI STUDENTS IN GRADES 6-12

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

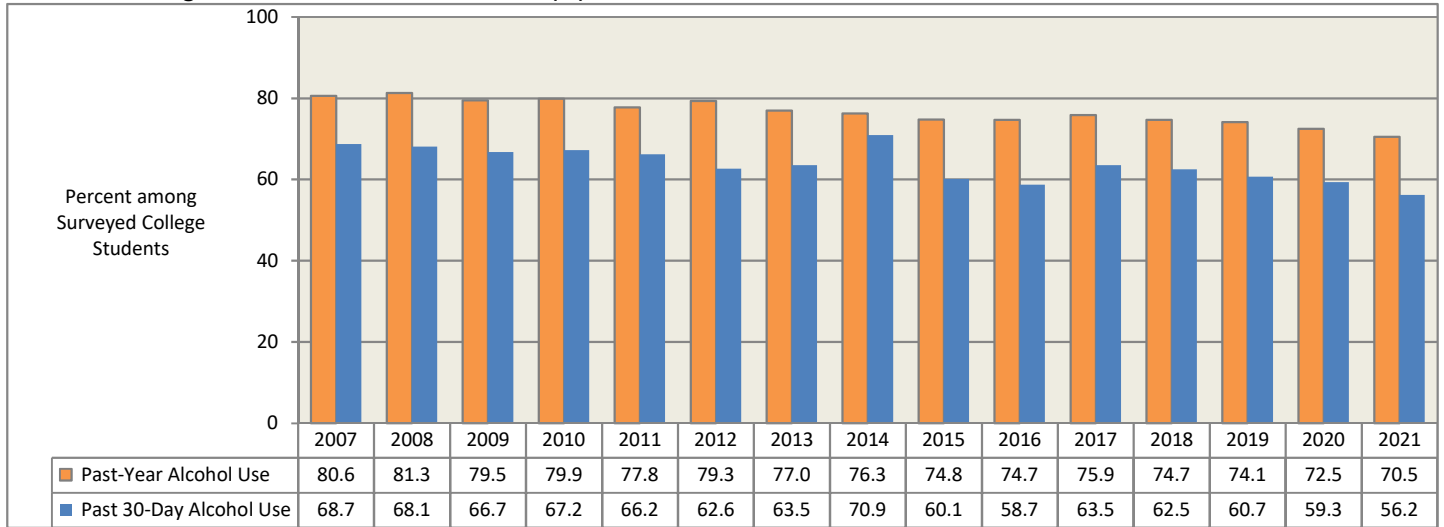


Data Source: Missouri Institute of Mental Health. Missouri Student Survey. Data are weighted.

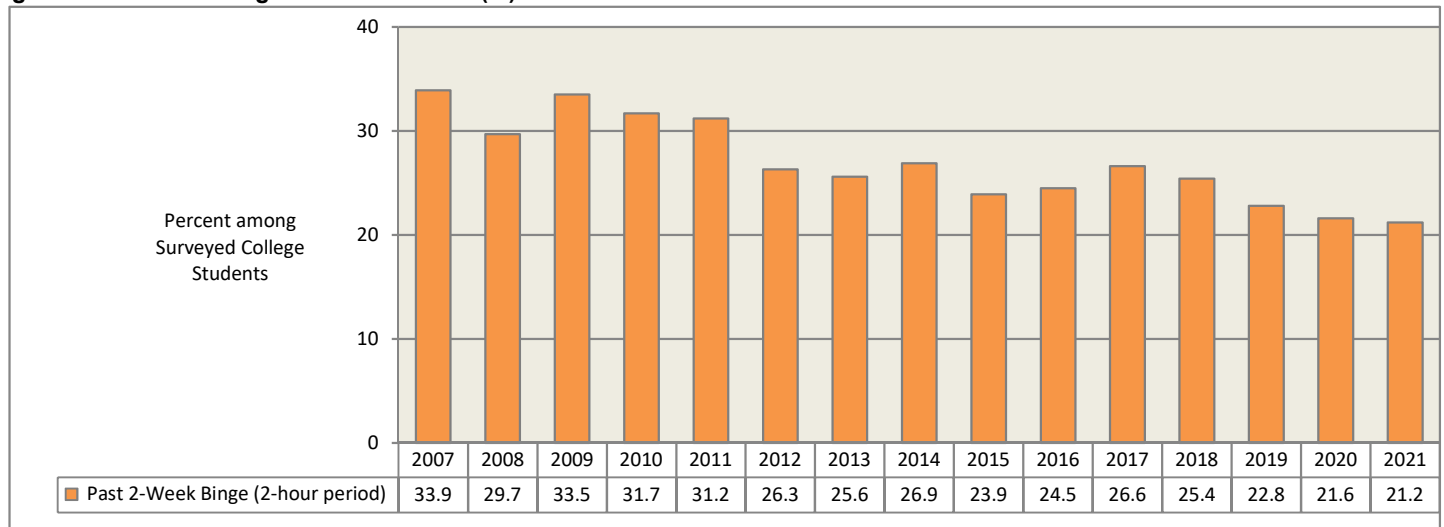
MISSOURI ASSESSMENT OF COLLEGE HEALTH BEHAVIORS: MISSOURI COLLEGE STUDENTS

Alcohol and Tobacco Use

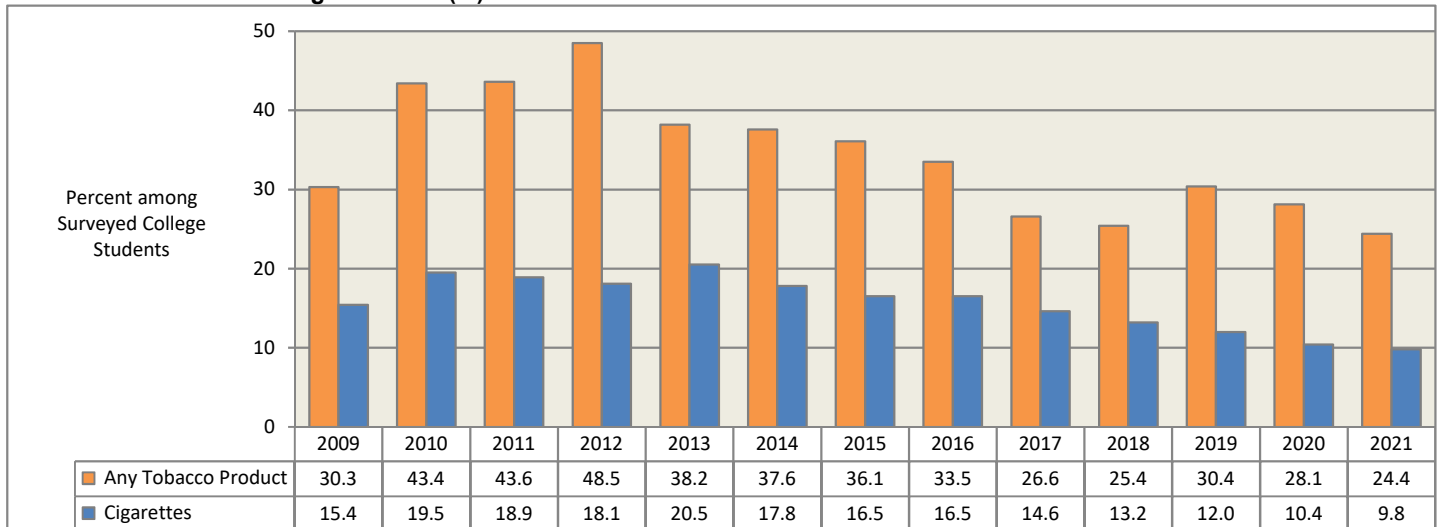
Alcohol Use During the Past-Year and Past Month (%)



Binge Alcohol Use During the Past 2 Weeks (%)



Past-Year Tobacco and Cigarette Use (%)

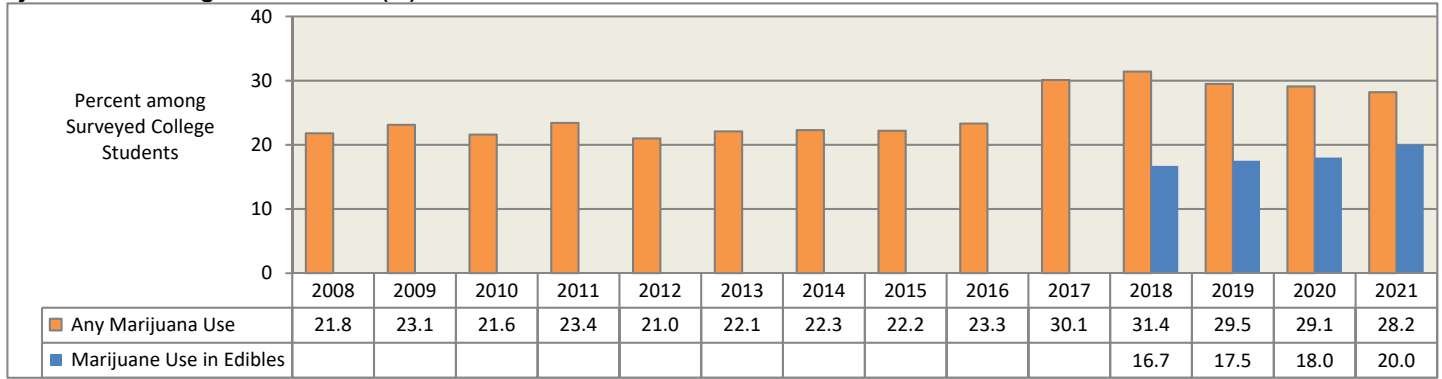


Data Source: Missouri College Health Behavior Survey, 2007-2016; Missouri Assessment of College Health Behaviors, 2017-2021. Partners in Prevention Statewide Coalition. University of Missouri, Columbia, MO. The 2021 MACHB survey respondents consist of 10,154 students at 24 Missouri colleges. Data are unweighted.

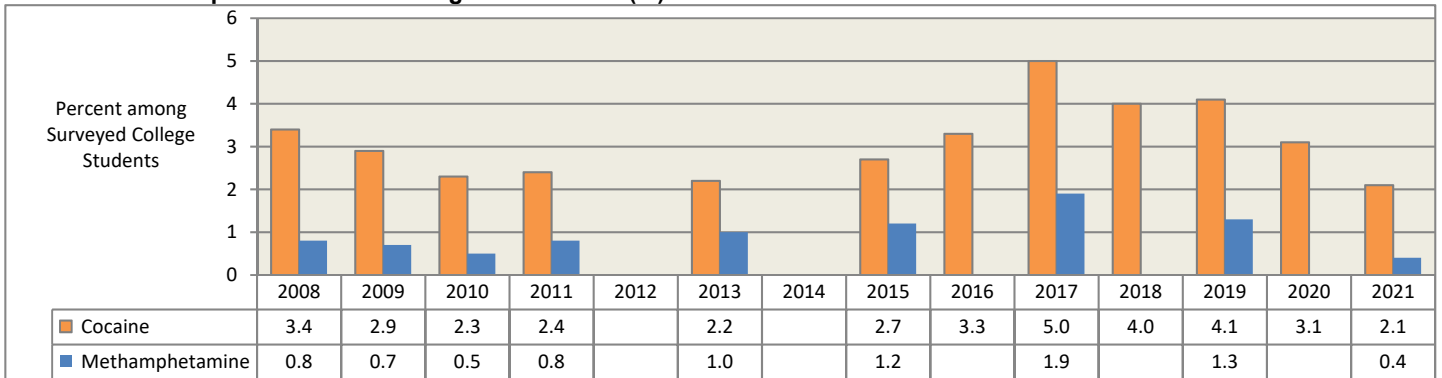
MISSOURI ASSESSMENT OF COLLEGE HEALTH BEHAVIORS: MISSOURI COLLEGE STUDENTS

Illicit Drug Use

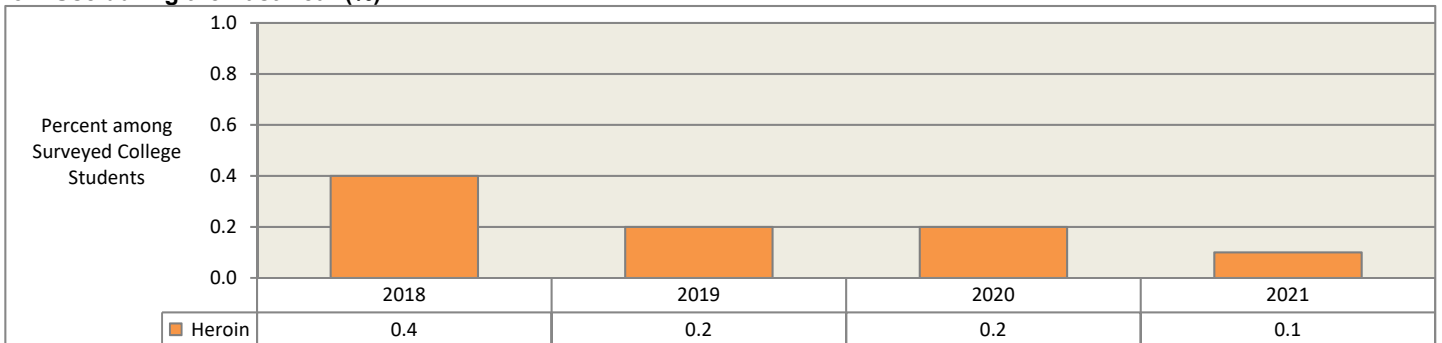
Marijuana Use during the Past Year (%)



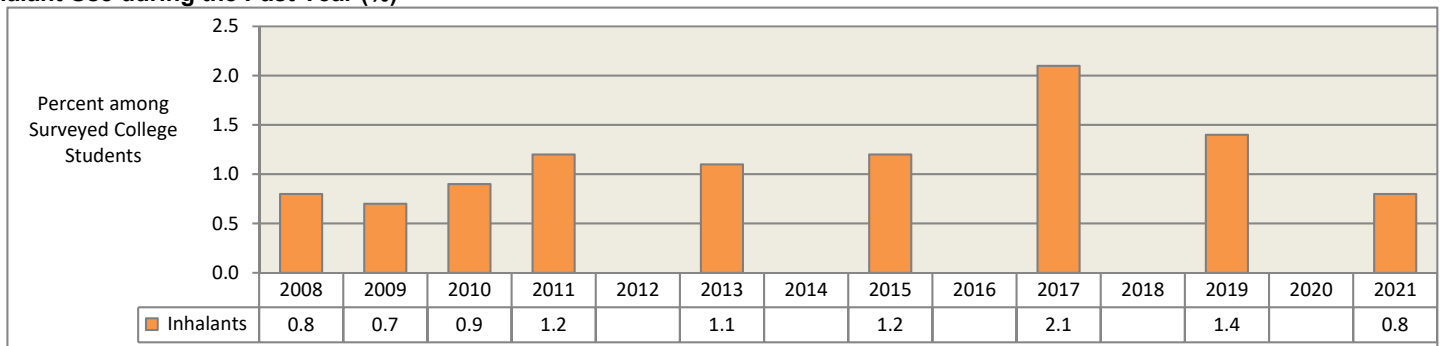
Cocaine and Methamphetamine Use during the Past Year (%)



Heroin Use during the Past Year (%)



Inhalant Use during the Past Year (%)

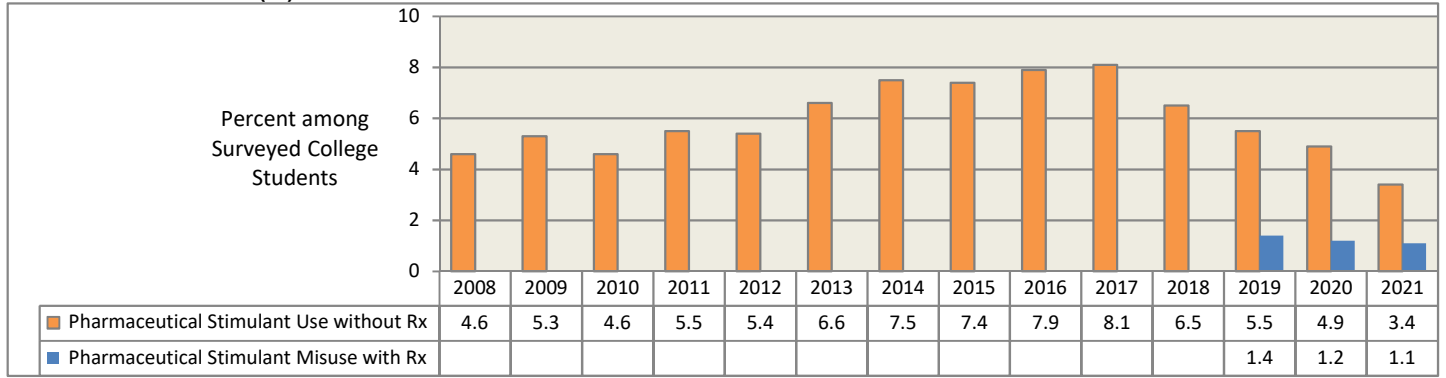


Data Source: Missouri College Health Behavior Survey, 2007-2016; Missouri Assessment of College Health Behaviors, 2017-2021. Partners in Prevention Statewide Coalition. University of Missouri, Columbia, MO.
 The 2021 MACHB survey respondents consist of 10,154 students at 24 Missouri colleges. Data are unweighted.
 A blank indicates question not included on survey for that year.

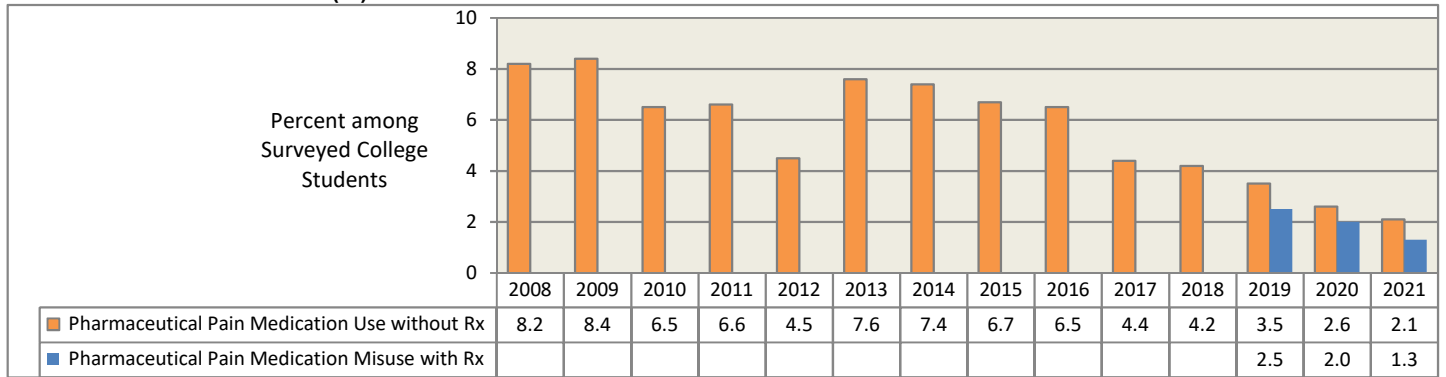
MISSOURI ASSESSMENT OF COLLEGE HEALTH BEHAVIORS: MISSOURI COLLEGE STUDENTS

Pharmaceutical Drug Use

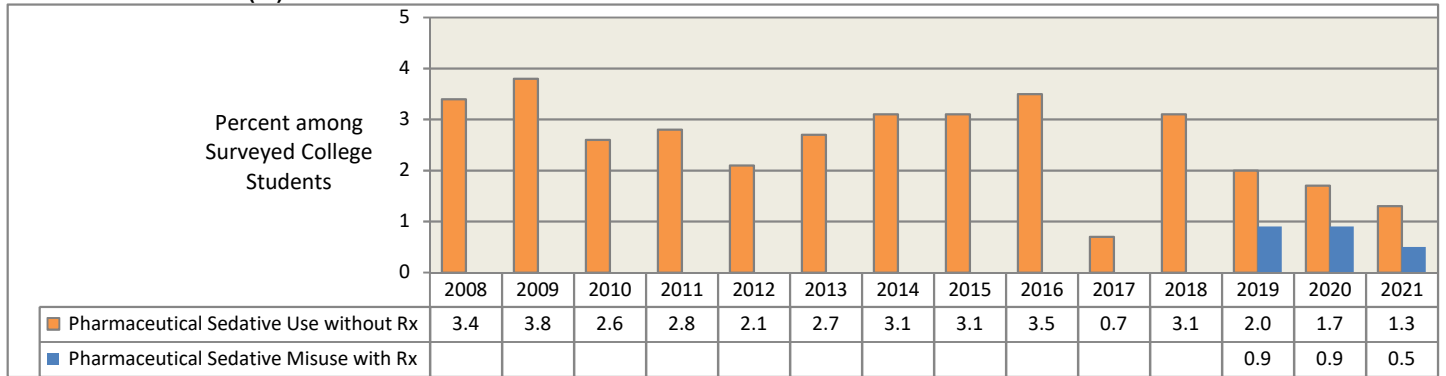
Past-Year Stimulant Use (%)



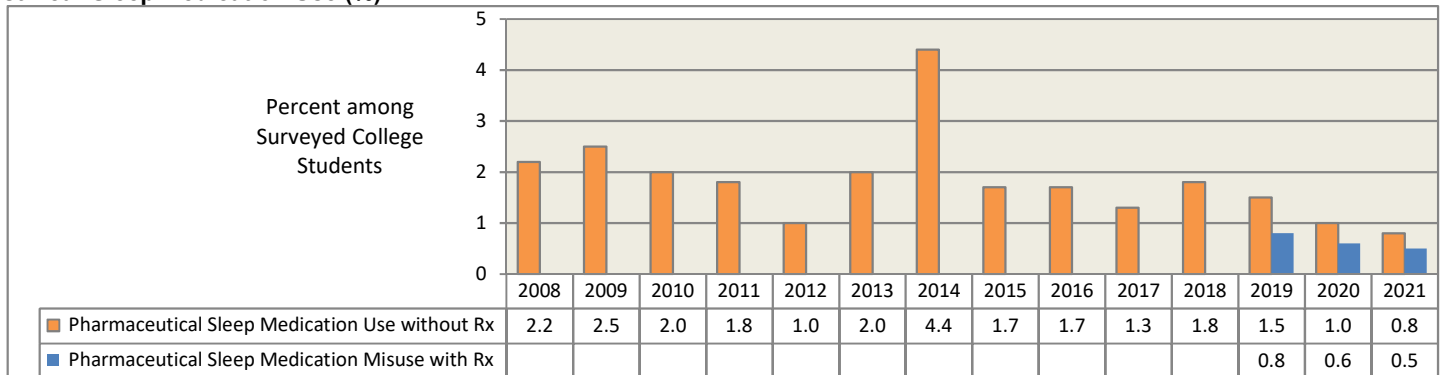
Past-Year Pain Medication Use (%)



Past-Year Sedative Use (%)



Past-Year Sleep Medication Use (%)



Data Source: Missouri College Health Behavior Survey, 2007-2016; Missouri Assessment of College Health Behaviors, 2017-2021. Partners in Prevention Statewide Coalition. University of Missouri, Columbia, MO. The 2021 MACHB survey respondents consist of 10,154 students at 24 Missouri colleges. Data are unweighted.

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

	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
ALCOHOL AND DRUG USE (%)												
Alcohol Use in Past Year	70.5	72.5	74.1	74.7	75.9	74.7	74.8	76.3	77.0	79.3	77.8	79.9
Alcohol Use in Past 30 Days	56.2	59.3	60.7	62.5	63.5	58.7	60.1	70.9	63.5	62.6	66.2	67.2
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	33.8
Binge Alcohol Use in 2-Hour Period in Past 2 Weeks	21.2	21.6	22.8	25.4	26.6	24.5	23.9	26.9	25.6	26.3	31.2	31.7
Tobacco Use in Past Year	24.4	28.1	30.4	25.4	26.6	33.5	36.1	37.6	38.2	48.5	43.6	43.4
Cigarette Use in Past Year	9.8	10.4	12.0	13.2	14.6	16.5	16.5	17.8	20.5	18.1	18.9	19.5
Marijuana Use in Past Year	28.2	29.1	29.5	31.4	30.1	23.3	22.2	22.3 †	22.1	21.0	23.4	21.6
Smoke Marijuana/Cannabis in Past Year	23.5	26.0										
Marijuana/Cannabis Edible Use in Past Year	20.0	18.0	17.5	16.7								
Vaporized Marijuana/Cannabis Use in Past Year	15.8	15.0										
Marijuana Derivative Use in Past Year	9.3	11.0	13.1	10.8								
Other Marijuana/Cannabis Use in Past Year	2.0	2.3										
Heroin Use in Past Year	0.1	0.2	0.2	0.4								
Cocaine Use in Past Year	2.1	3.1	4.1	4.0	5.0	3.3	2.7	—	2.2	—	2.4	2.3
Amphetamine Use in Past Year	—	—	—	—	4.4	4.7	3.8	—	1.9	—	3.3	2.4
Methamphetamine Use in Past Year	0.4	—	1.3	—	1.9	—	1.2	—	1.0	—	0.8	0.5
Inhalant Use in Past Year	0.8	—	1.4	—	2.1	—	1.2	—	1.1	—	1.2	0.9
Club Drug Use in Past Year	—	—	—	—	3.5	—	3.0	—	2.9	—	2.8	2.5
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	3.4	4.9	5.5	6.5	8.1	7.9	7.4	7.5	6.6	5.4	5.5	4.6
Prescription Pain Medication Use without Rx in Past Year	2.1	2.6	3.5	4.2	4.4	6.5	6.7	7.4	7.6	4.5	6.6	6.5
Prescription Sedative Use without Rx in Past Year	1.3	1.7	2.0	3.1	0.7	3.5	3.1	3.1	2.7	2.1	2.8	2.6
Prescription Sleep Medication Use without Rx in Past Year	0.8	1.0	1.5	1.8	1.3	1.7	1.7	4.4	2.0	1.0	1.8	2.0
Other Prescription Drug Use without Rx in Past Year	0.5	0.6	0.6	0.5								
Prescription Stimulant Misuse with Rx in Past Year	1.1	1.2	1.4									
Prescription Pain Medication Misuse with Rx in Past Year	1.3	2.0	2.5									
Prescription Sleep Medication Misuse with Rx in Past Year	0.5	0.6	0.8									
Prescription Sedative Misuse with Rx in Past Year	0.5	0.9	0.9									
Other Prescription Drug Misuse with Rx in Past Year	0.4	0.6	0.6									

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

MISSOURI ASSESSMENT OF COLLEGE HEALTH BEHAVIORS: MISSOURI COLLEGE STUDENTS

Substance Related Issues

	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
AMONG ALL STUDENTS, DRINKING RELATED RISKS AND CONSEQUENCES EXPERIENCED (%)												
Hangover	40.7	45.3	46.2	48.9	49.4	47.4	47.9	50.3	50.8	48.6	51.4	52.4
Rode with Someone who Drove After Drinking	13.2	18.0	21.1	21.4	23.1	24.9	26.9	28.5	30.6	29.8	33.6	36.3
Blackout or Memory Loss	16.5	22.6	24.1	25.0	25.8	25.6	24.8	27.0	35.6	26.2	26.1	25.1
Drove After Consumption	8.7	12.2	14.3	16.3	17.0	21.2	21.4	23.5	25.2	25.5	27.3	30.0
Missed Class	7.7	14.9	14.2	16.3	16.5	15.1	15.4	17.4	16.9	16.5	18.3	20.4
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	17.2
Forced or Coerced to Drink More than Desired	8.2	11.1	12.9	12.3	14.9	16.1	14.3	16.2	17.3	16.1	13.5	12.6
Hurt or Injured	7.5	9.8	9.3	9.3	9.9	9.9	9.2	11.0	11.5	11.4	11.6	11.6
Performed Poorly on Test or Assignment	5.0	7.8	7.6	9.0	9.6	8.8	9.4	11.0	10.4	10.0	11.0	12.2
Taken Advantage of Sexually	3.8	4.6	5.3	5.6	5.3	5.4	5.0	5.9	7.1	6.3	6.3	5.7
Trouble with Campus Administration	1.3	2.2	2.5	2.7	2.9	3.2	3.1	3.3	3.7	3.0	3.5	2.0
Took Advantage of Someone Sexually	0.2	0.5	0.6	0.9	0.9	0.7	1.0	2.1	2.6	2.4	2.2	2.0
Received Medical Attention	1.2	1.9	1.6	2.0	2.0	1.7	2.1	2.9	2.6	2.2	2.1	2.2
Arrested by Campus Police or Other Law Enforcement	0.3	0.8	0.9	0.9	1.1	1.3	1.3	2.0	2.3	1.9	1.8	2.3
Arrested for DUI or DWI	0.3	0.3	0.5	0.5	0.7	0.7	0.7	1.1	1.6	0.8	1.1	1.4

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	—	90.5	—	87.7	—	90.1	85.4	81.1	80.9	81.2	82.1	83.4
Eat Before and/or during Alcohol Consumption	—	81.5	80.7	—	83.6	82.8	81.1	77.1	76.6	77.5	75.5	76.4
Go Home with a Friend	—	85.3	—	77.8	—	71.4	70.4	66.1	65.3	65.0	65.1	65.5
Use a Designated Driver	68.7	67.9	—	68.5	—	65.9	66.2	65.2	64.3	64.8	66.3	69.9
Purposefully Limit the Amount of Money Spent on Alcohol	—	—	—	66.4	—	71.4	65.8	61.7	61.4	61.2	60.3	63.8
Avoid Competitive Drinking Behaviors* (keep up/out-drink c	—	‡ 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	59.1
Drink Slowly, Rather than Gulp or Chug	—	64.7	59.2	—	61.4	59.6	53.4	53.2	53.6	48.4	49.1	49.2
Determine Not to Exceed a Set Number of Drinks	—	50.0	49.6	—	46.6	42.8	43.4	41.8	40.6	40.9	43.0	45.0
Avoid Mixing Different Types of Alcohol	—	—	—	47.9	—	44.3	44.0	40.7	41.7	38.3	38.4	39.4
Drink Water While Drinking Alcohol	—	—	54.8	—	52.5	46.4	43.5	40.6	36.6	35.9	34.4	33.2
Avoid Drinking Games	—	—	35.2	—	33.8	30.9	31.6	28.8	31.5	33.5	32.5	37.2
Alternate Alcohol and Non-alcohol Drinks	—	54.6	43.3	—	41.7	35.4	36.0	33.4	31.4	30.4	30.4	30.1
Have a sober friend in the group	—	‡ 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	32.6
Leave the Bar or Party at Predetermined Time	—	—	—	—	36.9	34.0	32.4	27.8	28.6	29.1	28.2	30.0
Stop Drinking at a Predetermined Time	—	44.9	—	42.9	—	30.7	29.7	26.6	27.7	26.4	26.1	26.1
Put Extra Ice in Drink	—	—	—	25.0	—	20.4	24.6	21.3	21.8	20.4	20.0	20.3
Receive Non-alcohol Drinks at Bar or Restaurant for	—	21.6	19.4	17.3	16.8							

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MISSOURI ASSESSMENT OF COLLEGE HEALTH BEHAVIORS: MISSOURI COLLEGE STUDENTS

Mental Health Related Issues

	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
LEVEL OF STRESS EXPERIENCED IN PAST TWO WEEKS (%)												
None	1.1	1.2	—	1.2	—	2.4	—	1.1	1.9	1.9	1.7	2.0
Minimal	5.9	6.4	—	6.6	—	8.9	—	8.5	10.7	11.1	10.5	13.9
A Little	12.5	13.6	—	13.6	—	14.8	—	16.9	18.7	19.0	18.8	20.4
Manageable	43.7	45.3	—	48.3	—	45.6	—	48.8	47.5	47.7	47.2	44.6
Overwhelming	31.3	28.7	—	26.2	—	23.7	—	21.1	18.3	18.1	19.5	16.7
Unbearable	5.6	4.9	—	4.2	—	4.6	—	2.7	2.1	2.0	2.3	2.1

AMONG ALL STUDENTS, MAIN SOURCES OF STRESS (%)

School / Academics	90.8	90.1	—	91.9	—	87.1	—	89.4	—	77.2	78.7	75.2
Financial Concerns	50.2	56.4	—	57.5	—	54.2	—	54.4	—	47.4	50.6	49.2
Future Plans	55.6	53.7	—	53.6	—	50.3	—	53.2	—	43.9	44.3	42.9
Time Management	50.6	53.1	—	52.7	—	50.8	—	52.2	—	43.1	47.1	43.6
Job	38.9	35.5	—	38.3	—	37.0	—	34.9	—	31.1	32.1	32.9
Dating / Relationship with Partner	26.8	27.0	—	28.4	—	27.5	—	29	—	26.2	28.8	31.8
Family	35.6	33.2	—	31.1	—	30.0	—	29.7	—	25.0	27.7	28.4
Physical Health	35.0	31.1	—	29.7	—	26.2	—	25.1	—	20.1	22.3	23.3
Outside Organizations / Responsibilities	18.4	22.3	—	22.9	—	20.4	—	22.8	—	17.7	17.7	15.5
Friends	22.4	23.3	—	20.7	—	19.0	—	19.6	—	16.1	17.6	18.5
Roommates	14.4	16.0	—	16.6	—	15.8	—	16.6	—	14.6	15.8	15.3
Mental Health Issues	41.2	33.7	—	22.9	—	15.7	—	9.9	—	7.2	7.4	8.1
Other Sources of Stress	3.6	1.9	—	2.1	—	2.2	—	2.6	—	2.6	3.2	3.7

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

Anxiety	64.3	60.6	57.4	52.1	49.0	47.3	45.0	44.1	39.4	34.4	34.9	32.7
Chronic Sleep Disorder	25.3	22.3	20.0	18.8	17.1	18.5	18.2	18.8	18.1	15.0	16.8	15.6
Suicidal Thoughts	24.7	24.6	23.1	20.4	17.6	17.4	15.0	15	13.6	13.6	13.4	13.1
Major Depression	34.8	32.7	31.4	26.8	24.6	22.9	21.4	18.5	17.6	12.5	12.5	12.1
Panic Attack	29.8	29.6	27.6	24.5	21.5	19.2	17.2	15.4	13.4	11.7	12.5	11.6
Eating Disorder	14.3	11.5	8.7	7.3	6.8	6.5	6.6	5.8	6.4	5.3	5.0	4.7
Self-injury	6.1	6.0	5.9	5.2	4.7	4.6	4.5	3.6	3.8	3.5	4.0	3.7
Abusive Relationship	4.4	4.7	4.9	4.6	4.2	3.8	4.1	3.2	3.1	3.0	3.2	2.8
Alcohol Use Disorder or Dependency	3.8	2.3	2.8	2.5	2.6	2.7	2.8	2.8	3.2	2.8	2.8	3.1
Bipolar Disorder	3.4	3.5	3.4	2.3	2.5	2.8	2.8	2.6	2.3	2.1	2.3	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	0.9
Suicide Attempt	1.6	2.1	1.8	1.8	1.3	1.6	1.5	0.9	0.9	1.0	0.8	0.9
Other Problem	3.3	2.5	2.0	1.5	1.7	1.7	1.9	0.4	1.7	1.5	1.5	1.8
None of the Listed Problems	25.0	28.9	33.2	38.2	41.7	40.9	41.7	43.3	46.7	42.2	42.3	43.7

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

Major Depression	75.1	70.5	67.4	67.0	66.0 ‡ 63.6	47.7	50.3	48.4	53.3	50.0	48.5
Panic Attack	77.9	75.0	71.2	72.3	70.5 ‡ 68.5	41.8	42.6	44.4	43.1	41.1	38.3
Bipolar Disorder	77.1	74.0	68.4	70.9	69.0 ‡ 66.7	51.7	50.8	49.2	42.0	51.5	48.7
Abusive Relationship	78.8	74.1	68.9	64.6	61.6 ‡ 63.6	28.0	35.1	33.9	38.5	35.8	34.8
Anxiety	67.6	68.8	65.0	65.9	60.4 ‡ 62.7	39.1	26.9	37.1	36.8	34.2	32.2
Chronic Sleep Disorder	69.5	67.3	60.3	61.7	59.4 ‡ 59.2	35.4	31.8	31.2	32.6	31.1	29.7
Self-injury	73.3	72.1	67.3	69.7	64.2 ‡ 61.1	39.2	39.4	38.1	30.9	32.8	28.5
Sexual Assault	73.5	71.9	65.7	68.1	62.1 ‡ 63.6	25.0	30.3	27.9	28.2	26.6	32.2
Eating Disorder	70.7	67.0	64.0	64.0	58.6 ‡ 57.0	27.9	24.9	26.7	27.2	23.1	30.2
Alcohol Use Disorder or Dependency	64.9	60.0	65.2	57.1	55.0 ‡ 54.9	22.4	21	18.4	22.6	16.6	21.2
Other Problem	77.3	79.8	78.7	83.9	68.1 ‡ 69.0	48.5	51.9	45.6	48.6	45.4	46.2

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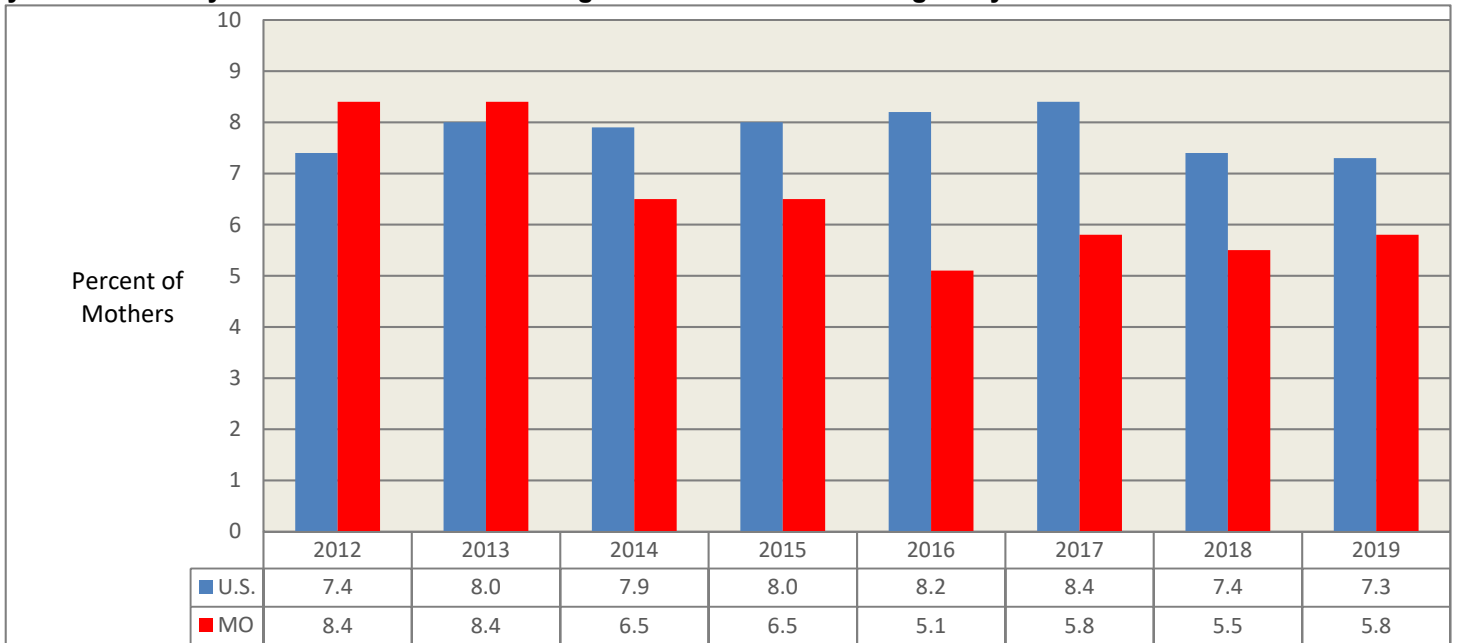
Data Source: Partners in Prevention Statewide Coalition, University of Missouri, Columbia, MO.

ALCOHOL USE BY MOTHERS OF NEWBORNS

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



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



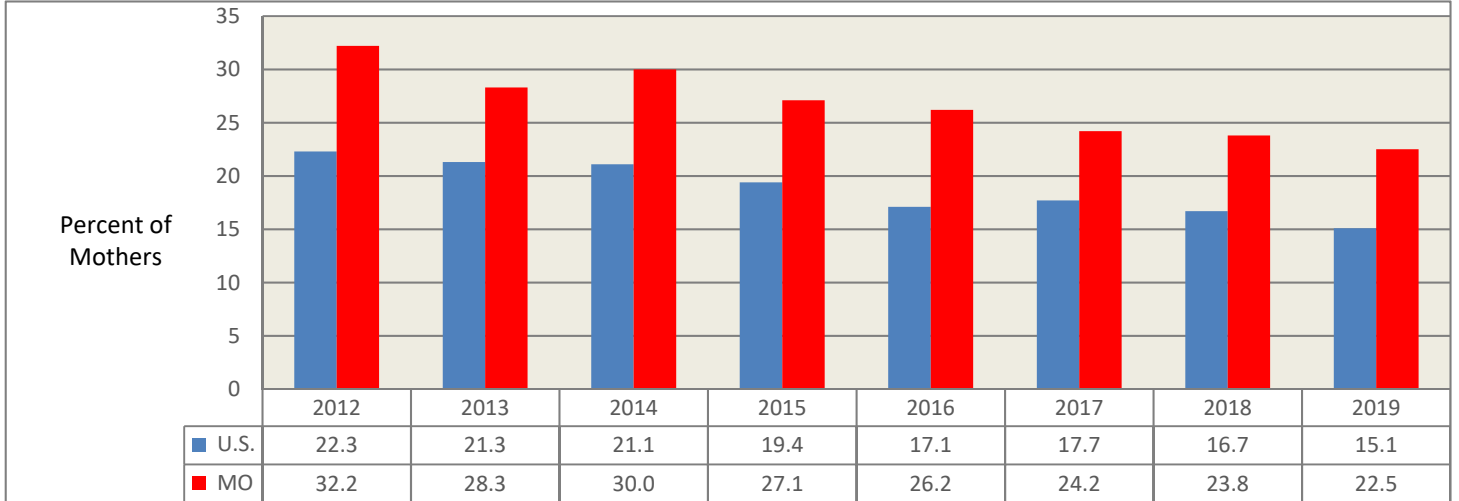
Data Sources:

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

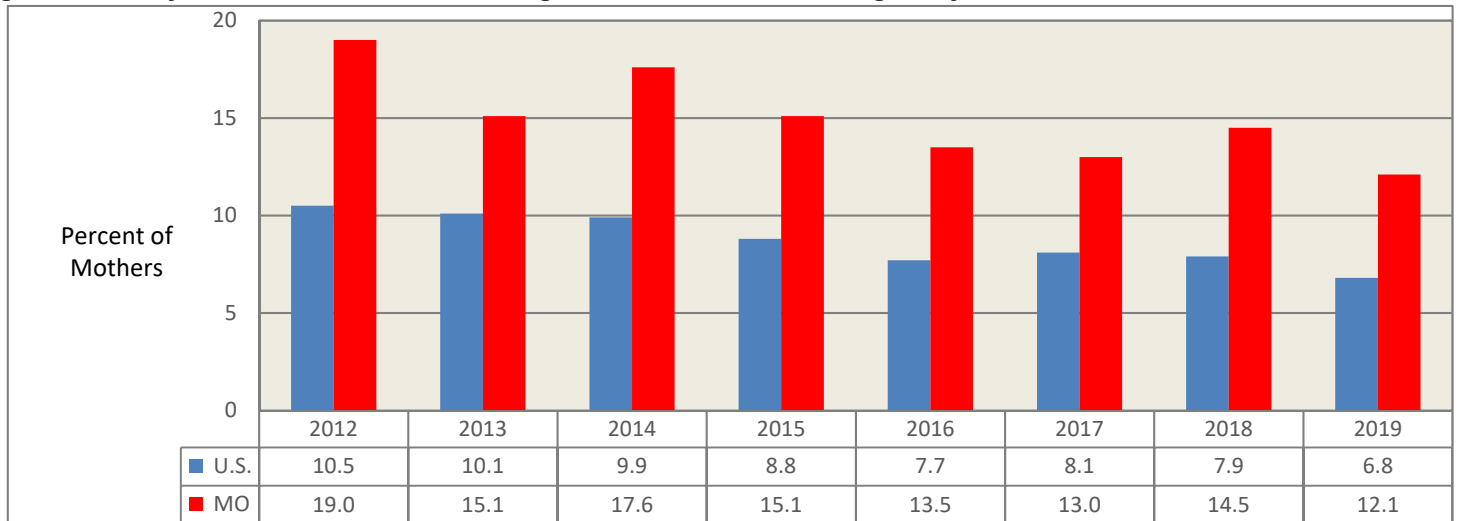
U.S. Department of Health and Human Services, Centers for Disease Control and Prevention: Pregnancy Risk Assessment Monitoring System.

CIGARETTE USE BY MOTHERS OF NEWBORNS

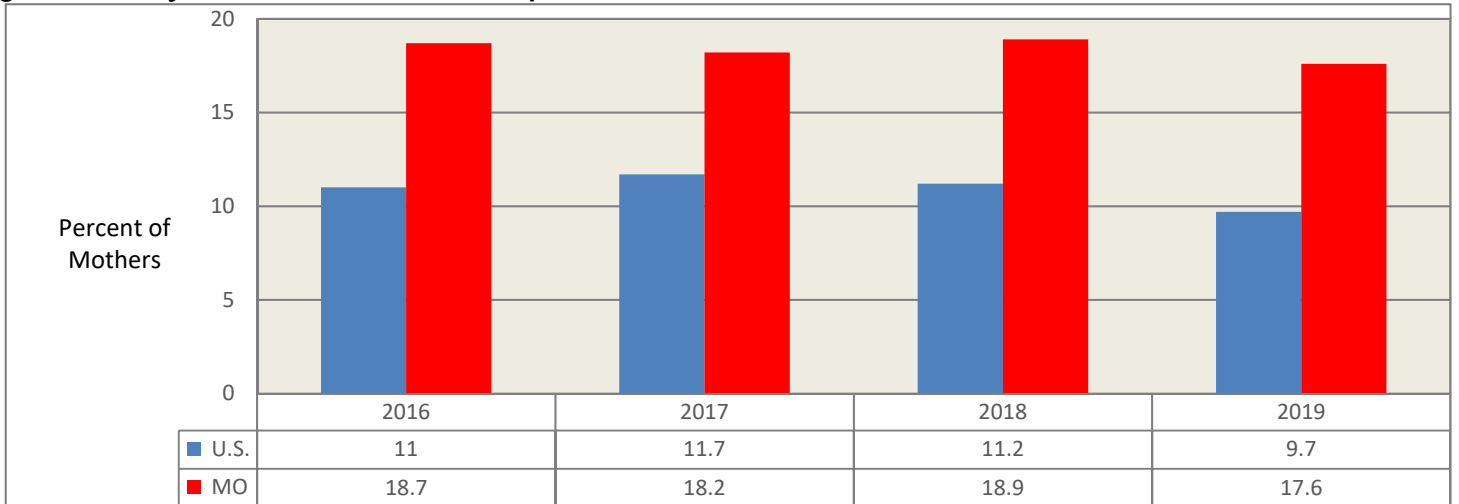
Cigarette Use by Mothers of Newborns during the 3 Months Before Pregnancy



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



Cigarette Use by Mothers of Newborns Postpartum



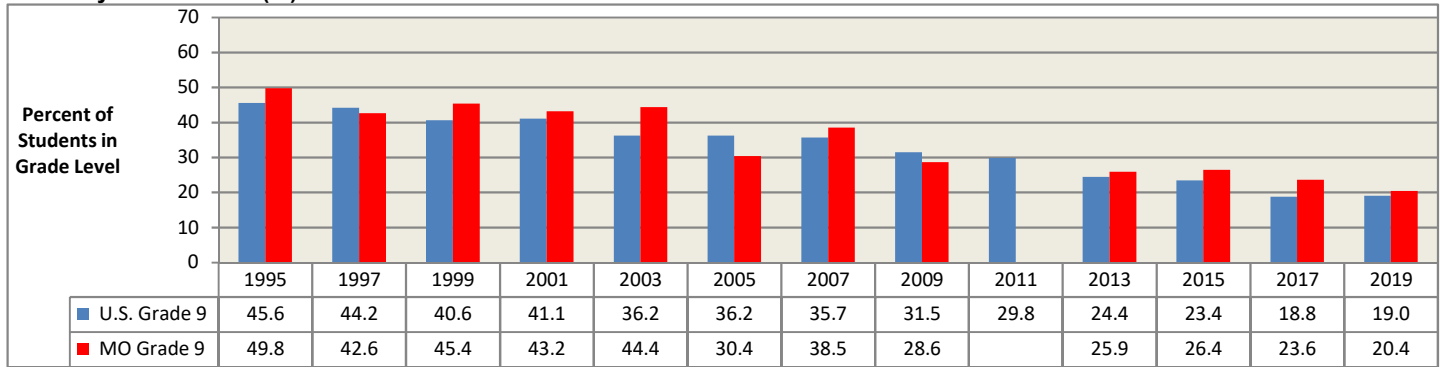
Data Sources:

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.

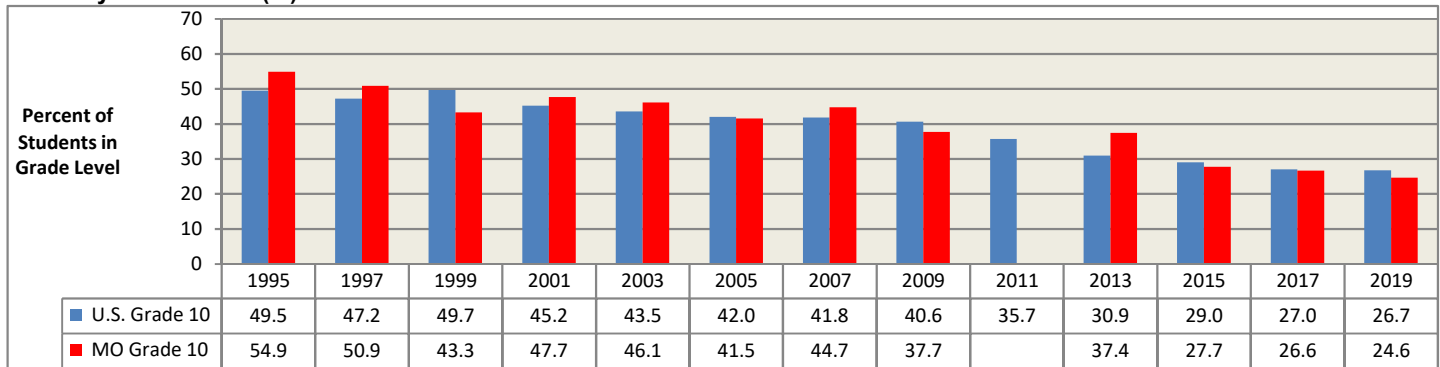
PAST 30-DAY ALCOHOL USE: U.S. AND MISSOURI STUDENTS IN GRADES 9-12

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



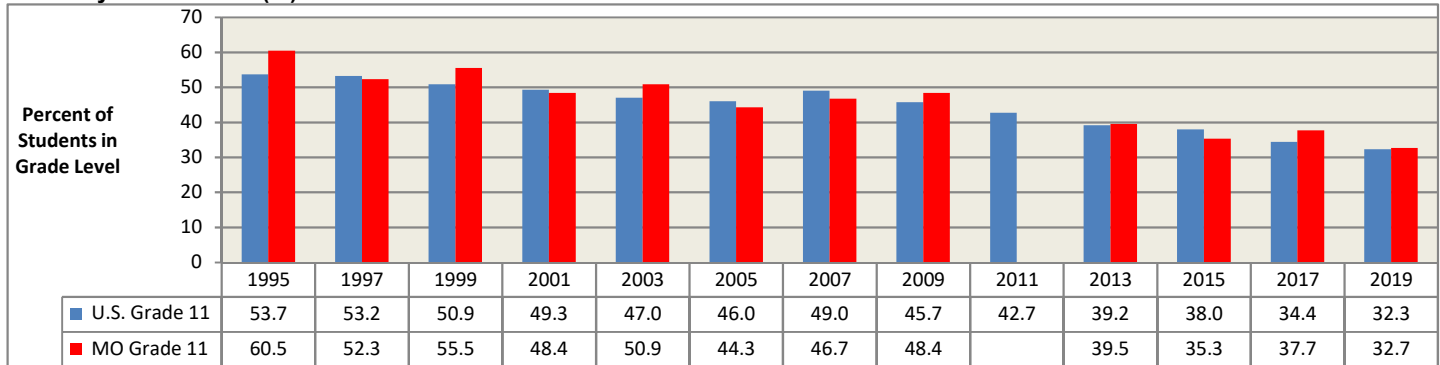
Data Source: U.S. Dept. of HHS, Centers for Disease Control and Prevention. Estimates from the Youth Risk Behavior Survey

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



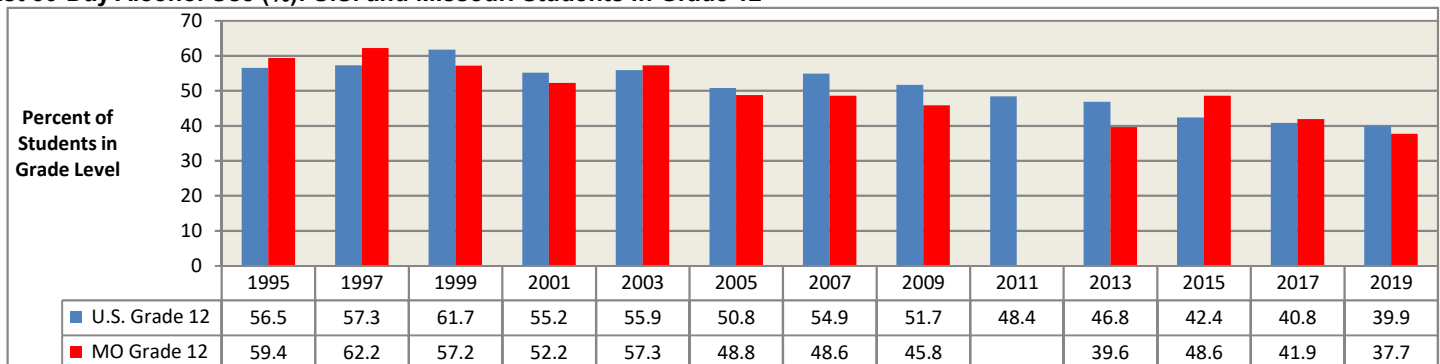
Data Source: U.S. Dept. of HHS, Centers for Disease Control and Prevention. Estimates from the Youth Risk Behavior Survey

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



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

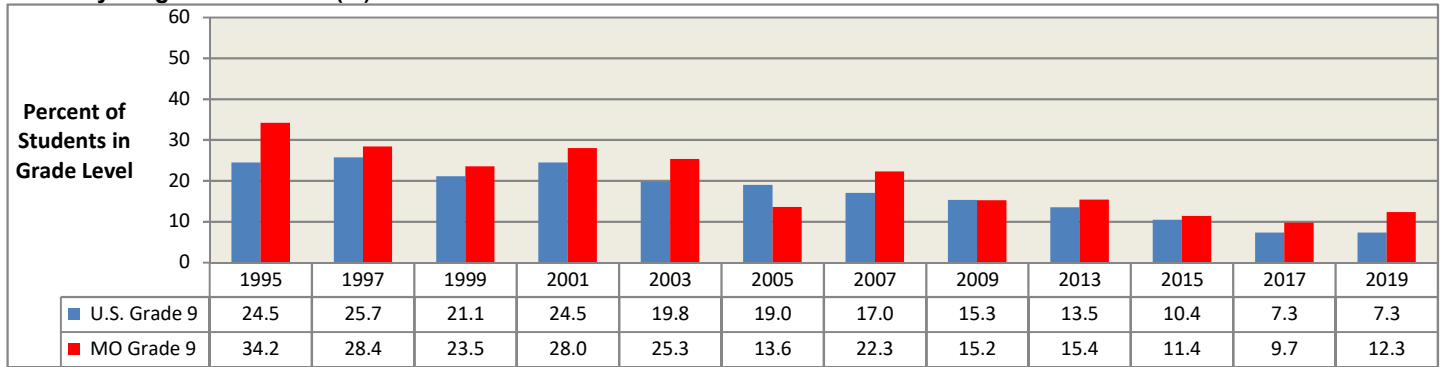


Data Source: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention. Youth Risk Behavior Survey.

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

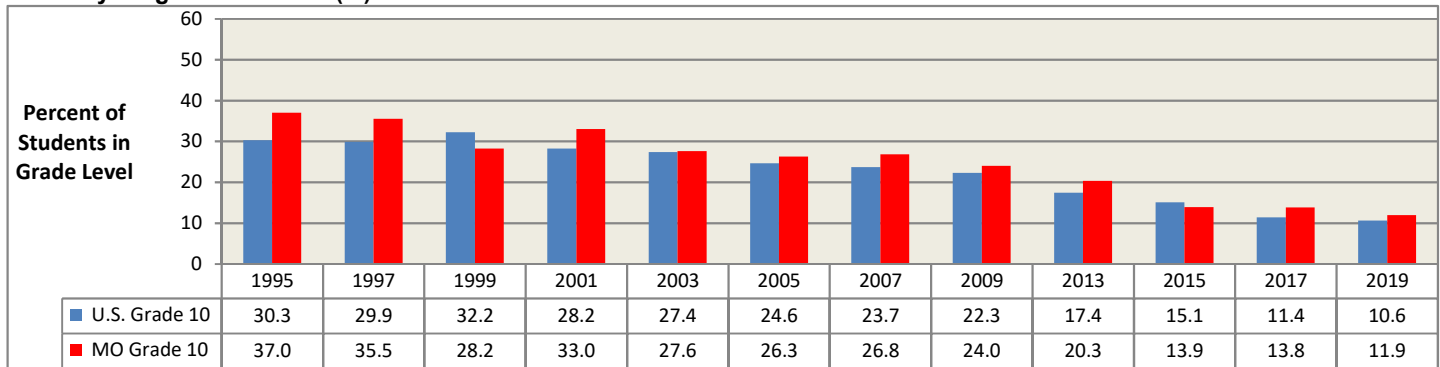
PAST 30-DAY BINGE ALCOHOL USE: U.S. AND MISSOURI STUDENTS IN GRADES 9-12

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



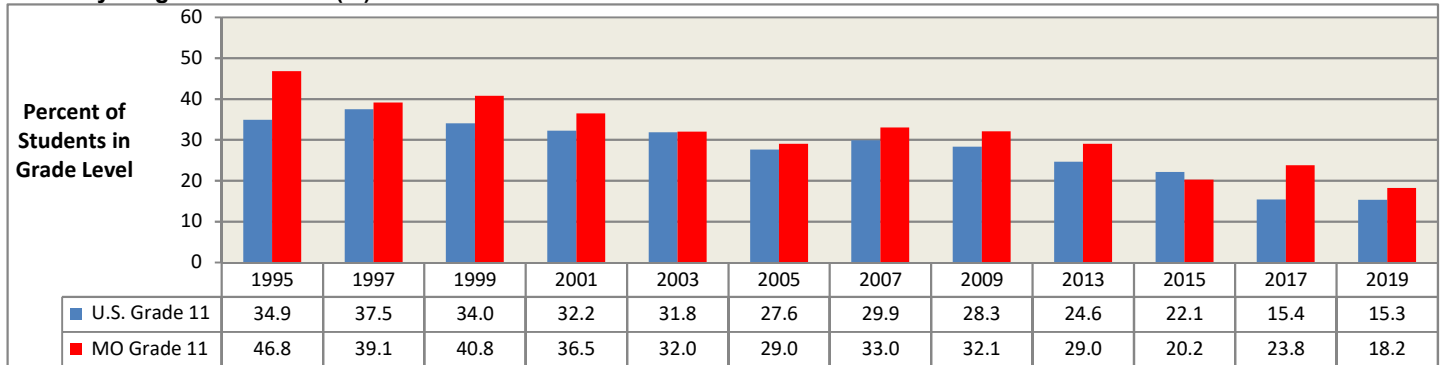
Data Source: U.S. Dept. of HHS, Centers for Disease Control and Prevention. Estimates from the Youth Risk Behavior Survey

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



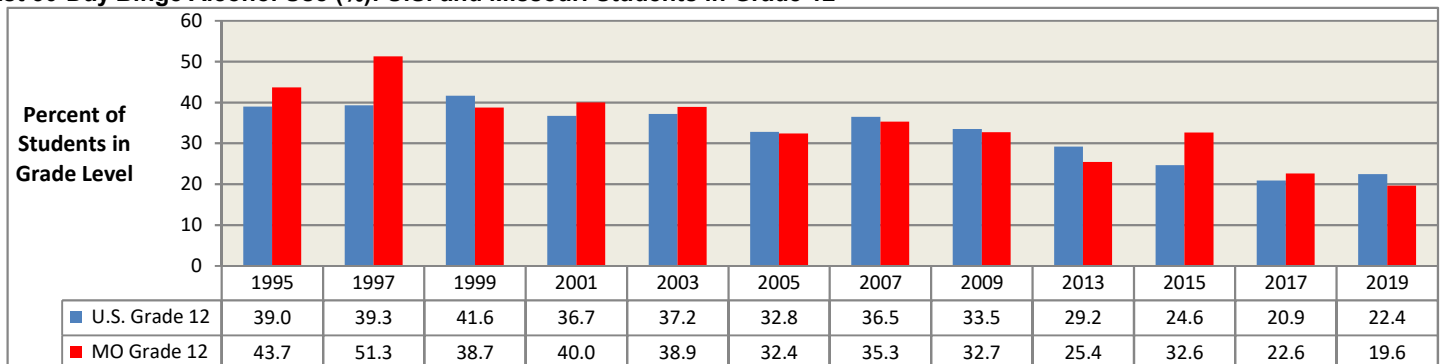
Data Source: U.S. Dept. of HHS, Centers for Disease Control and Prevention. Estimates from the Youth Risk Behavior Survey

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

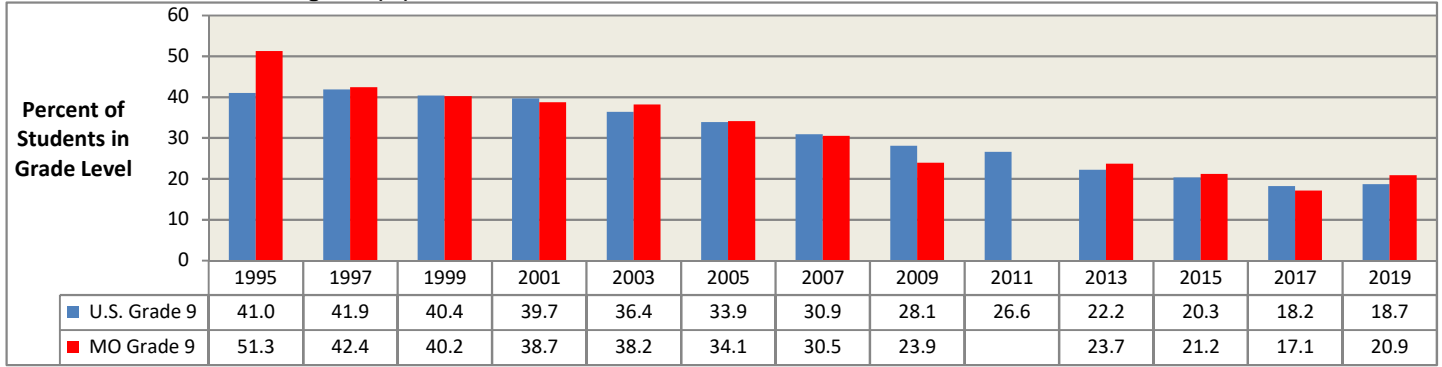


Data Source: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention. Youth Risk Behavior Survey.

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

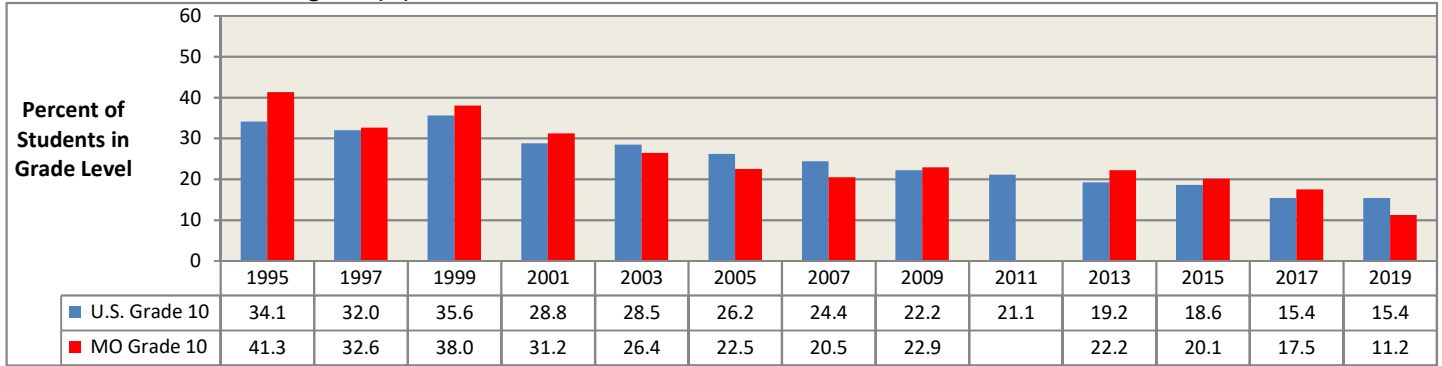
ALCOHOL USE BEFORE AGE 13: U.S. AND MISSOURI STUDENTS IN GRADES 9-12

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



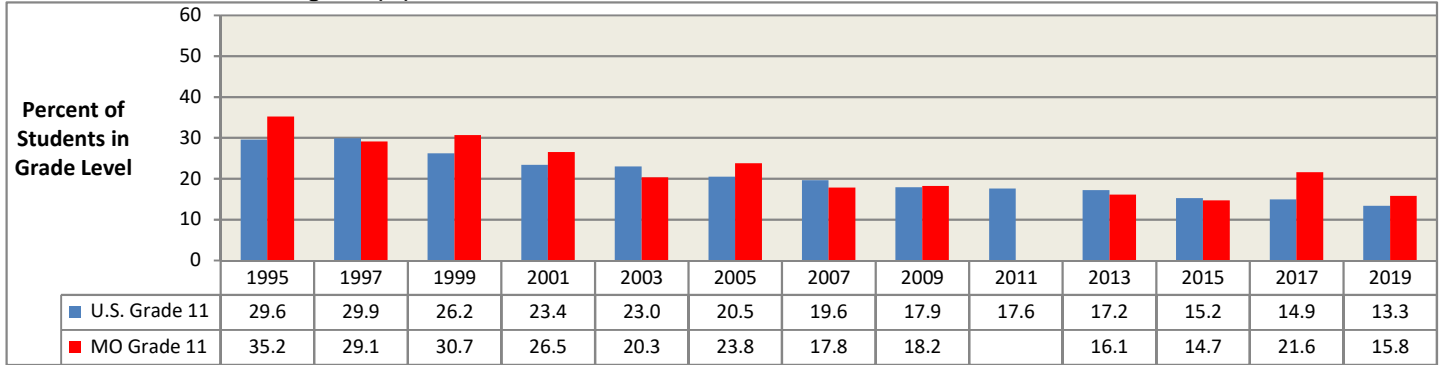
Data Source: U.S. Dept. of HHS, Centers for Disease Control and Prevention. Estimates from the Youth Risk Behavior Survey

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



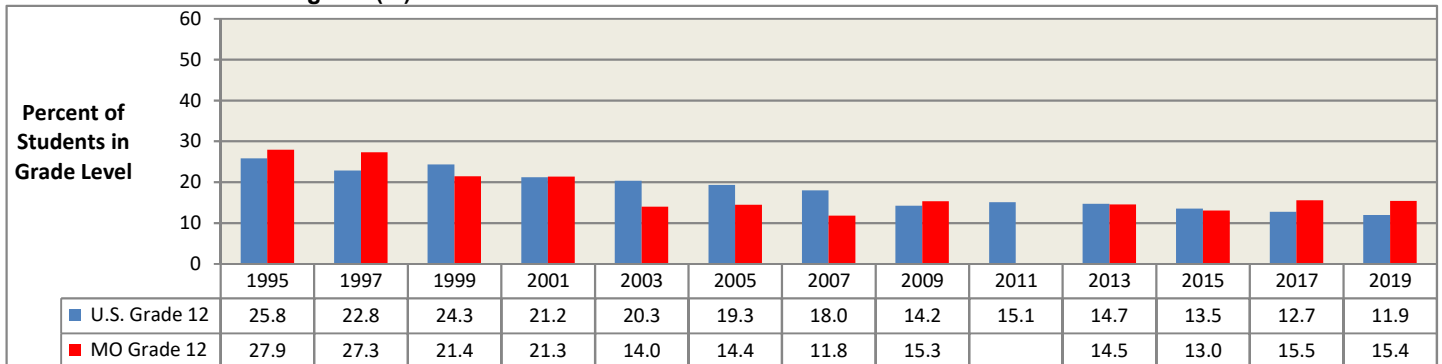
Data Source: U.S. Dept. of HHS, Centers for Disease Control and Prevention. Estimates from the Youth Risk Behavior Survey

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

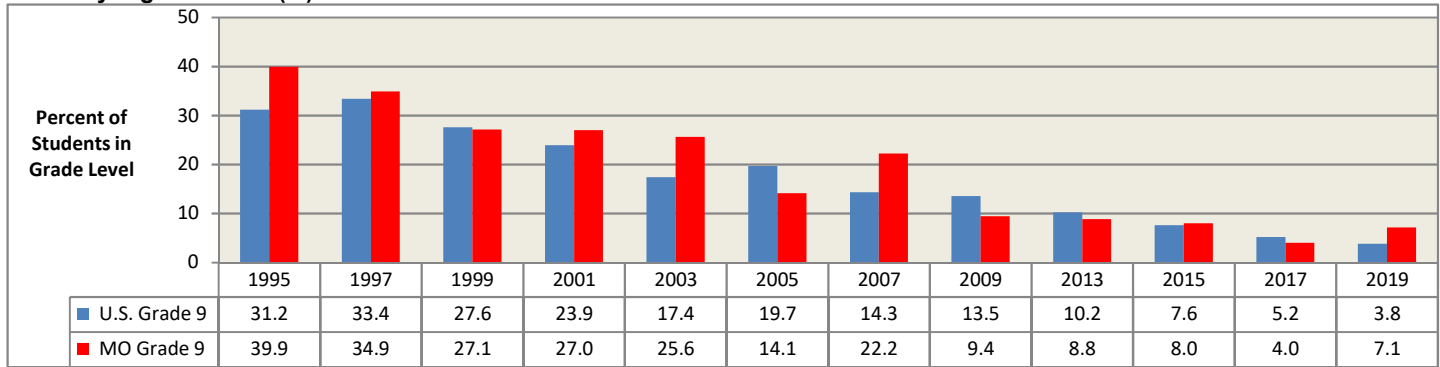


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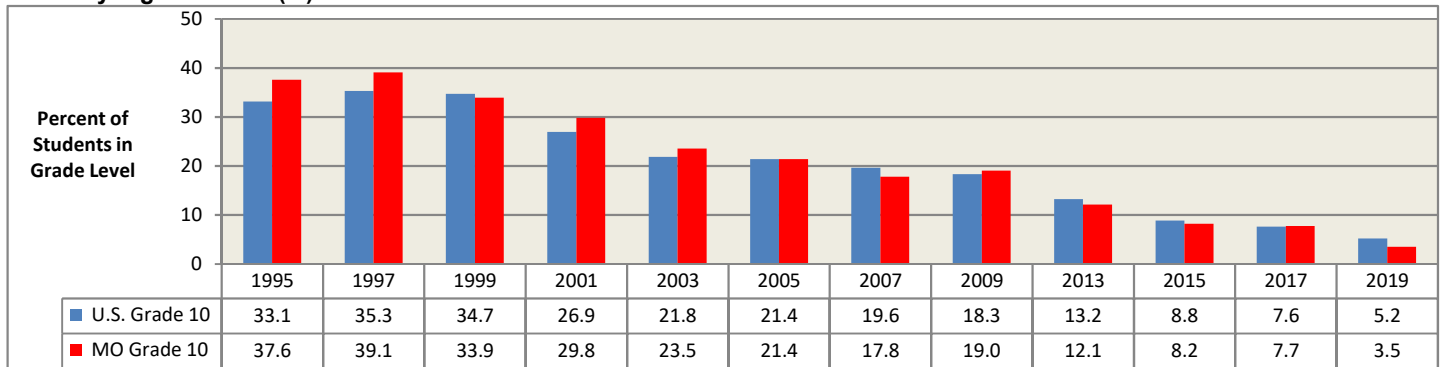
PAST 30-DAY CIGARETTE USE: U.S. AND MISSOURI STUDENTS IN GRADES 9-12

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



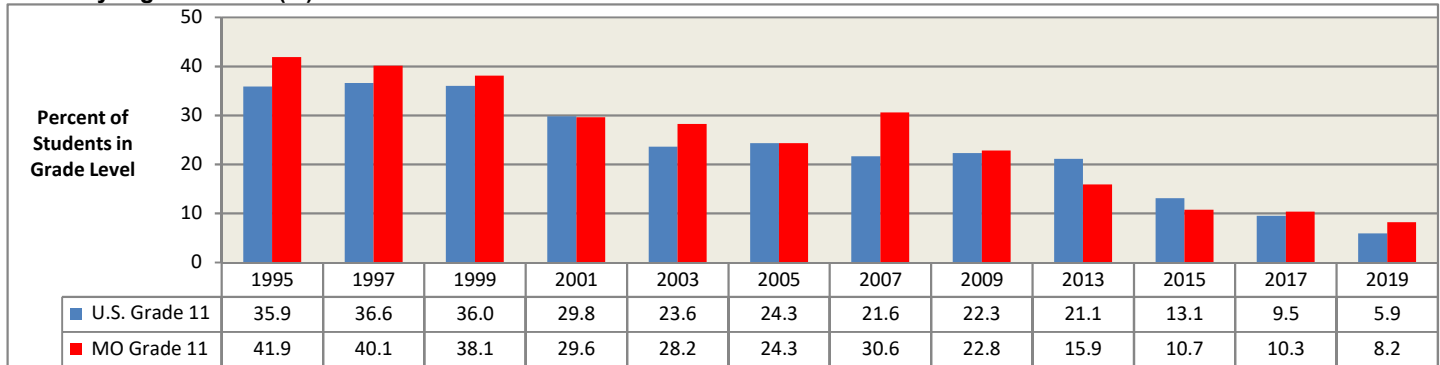
Data Source: U.S. Dept. of HHS, Centers for Disease Control and Prevention. Estimates from the Youth Risk Behavior Survey

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



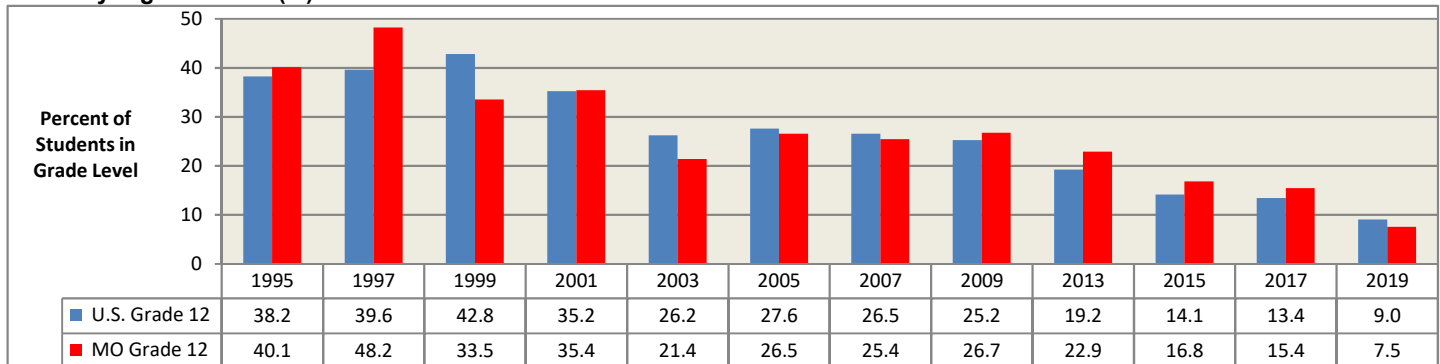
Data Source: U.S. Dept. of HHS, Centers for Disease Control and Prevention. Estimates from the Youth Risk Behavior Survey

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

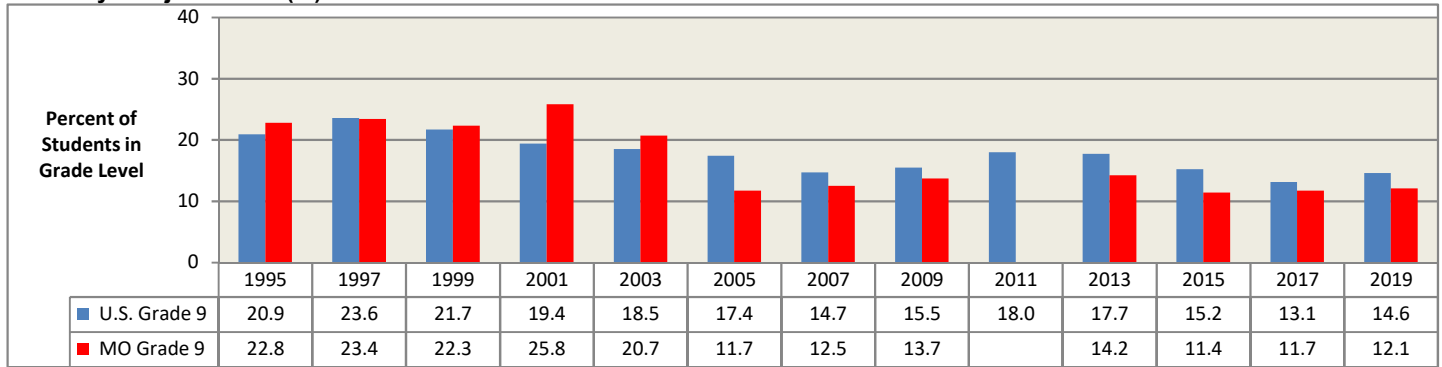


Data Source: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention. Youth Risk Behavior Survey.

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

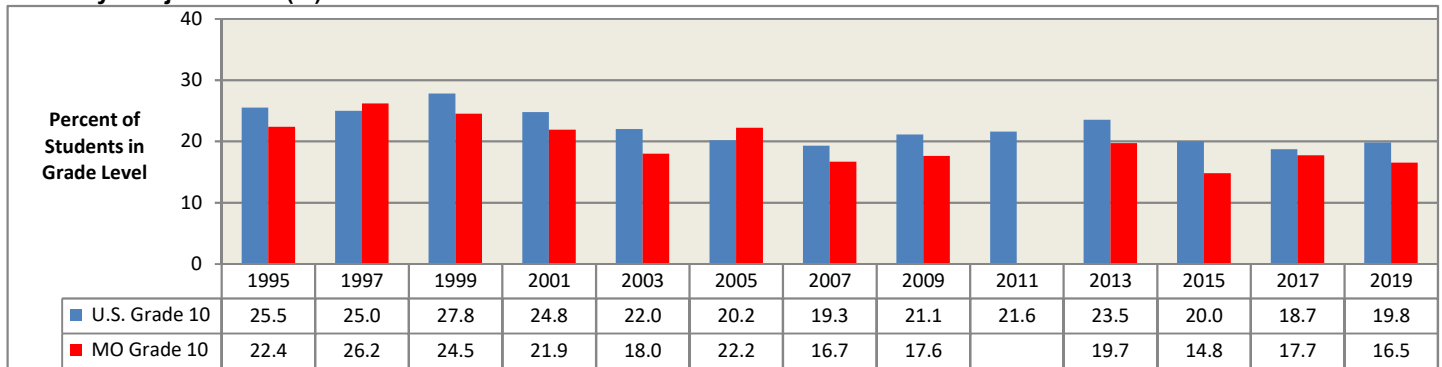
PAST 30-DAY MARIJUANA USE: U.S. AND MISSOURI STUDENTS IN GRADES 9-12

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



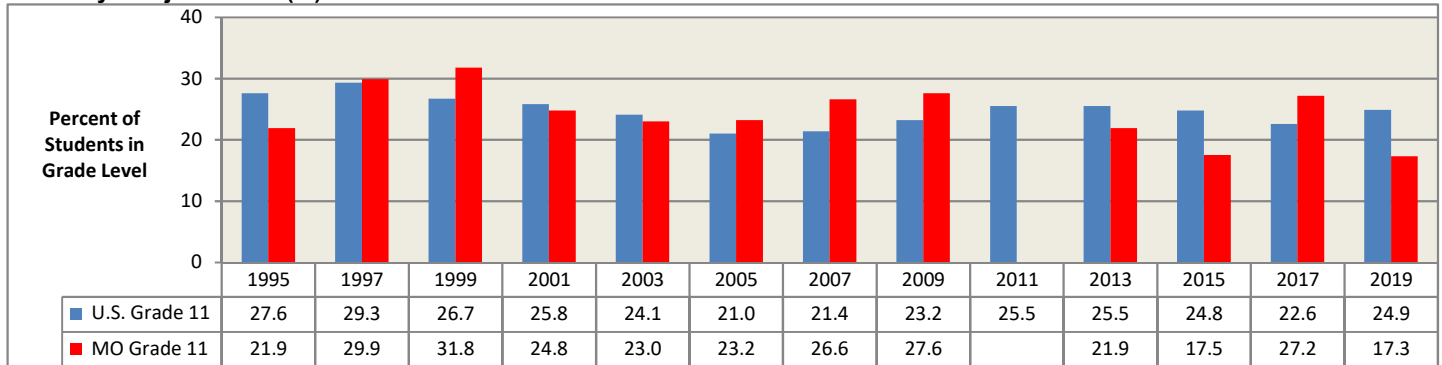
Data Source: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention. Youth Risk Behavior Survey

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



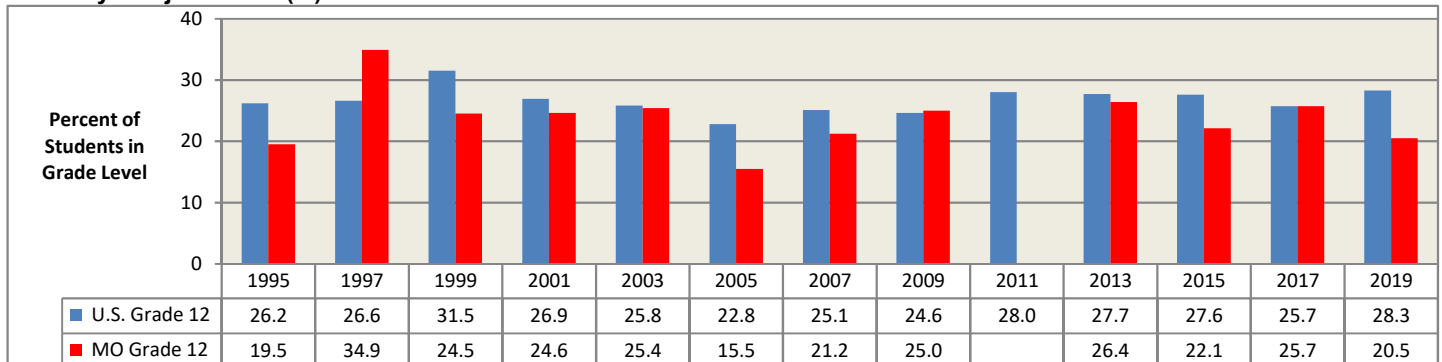
Data Source: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention. Youth Risk Behavior Survey

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

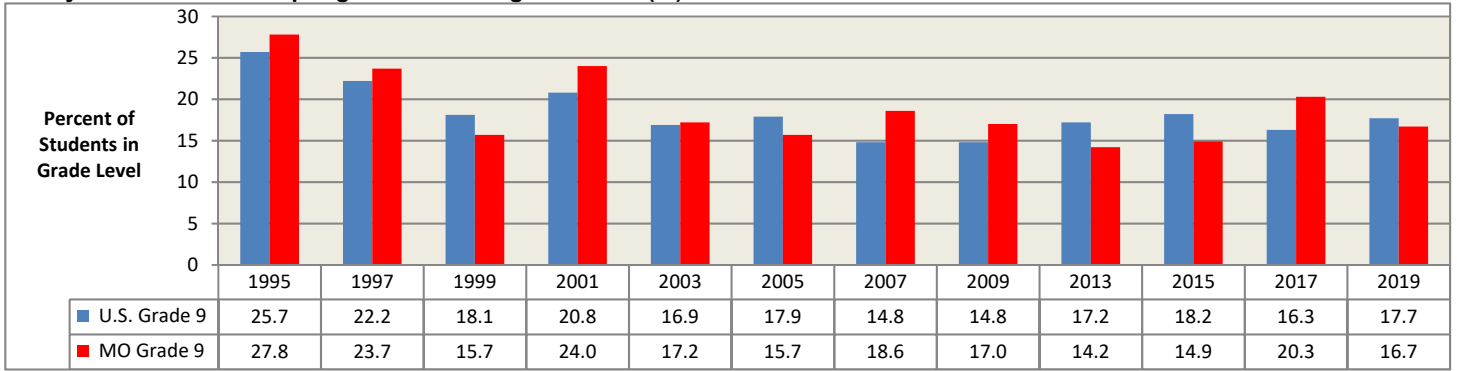


Data Source: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention. Youth Risk Behavior Survey.

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

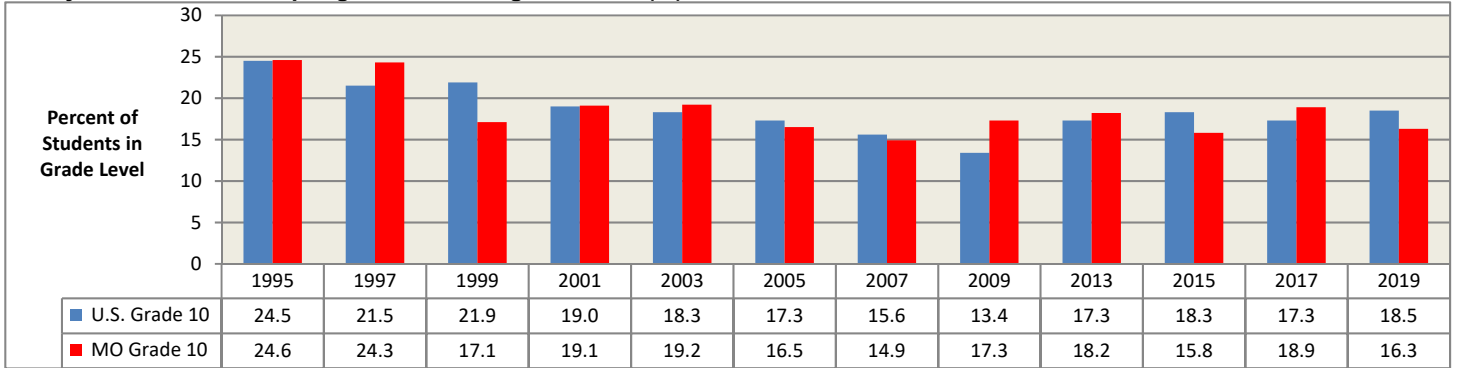
SERIOUSLY CONSIDERED SUICIDE: U.S. AND MISSOURI STUDENTS IN GRADES 9-12

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



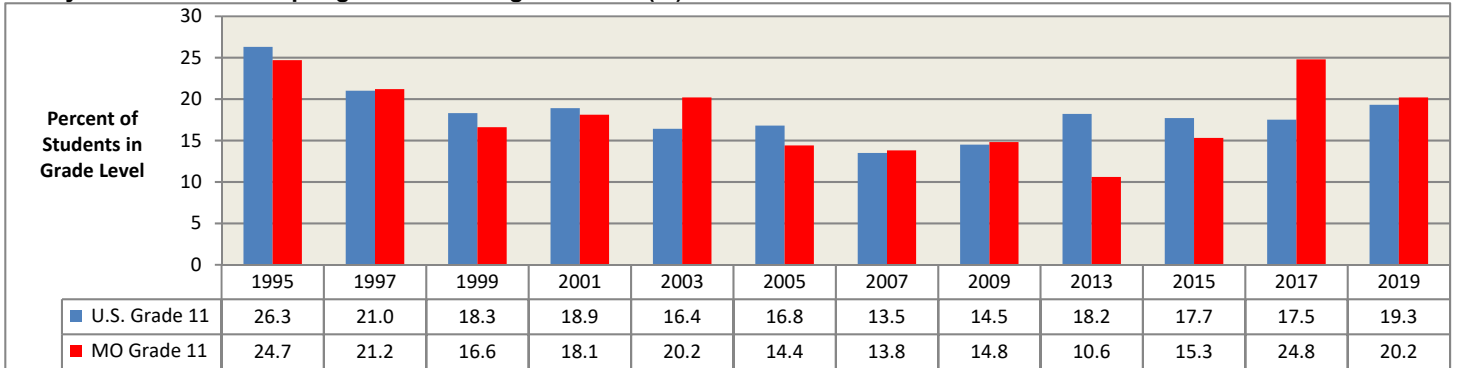
Data Source: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention. Youth Risk Behavior Survey

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



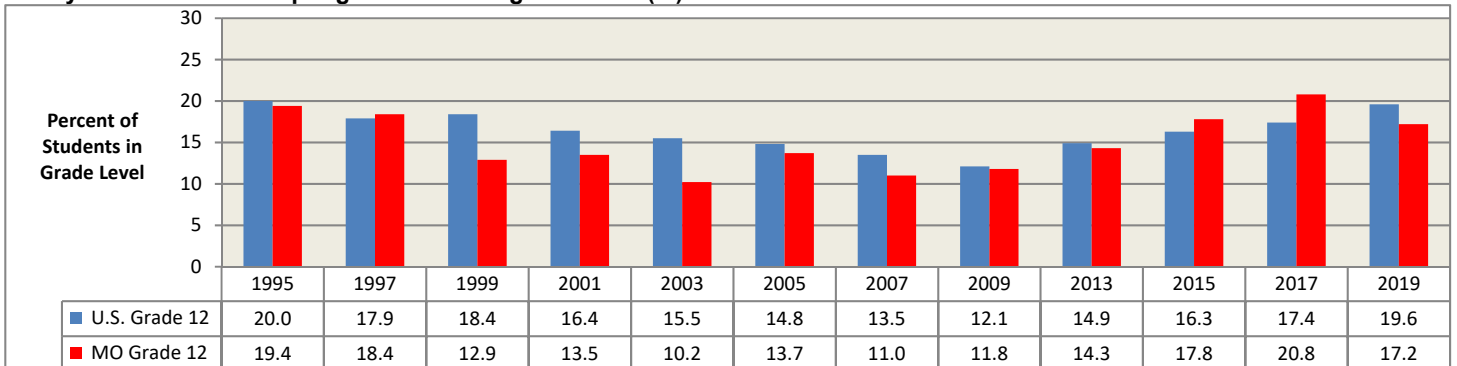
Data Source: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention. Youth Risk Behavior Survey

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

	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	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																	

	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	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																	

	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	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	

	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	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	11.8	14.4	14.0	14.0	21.3	21.3	21.3	21.3	21.4	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.

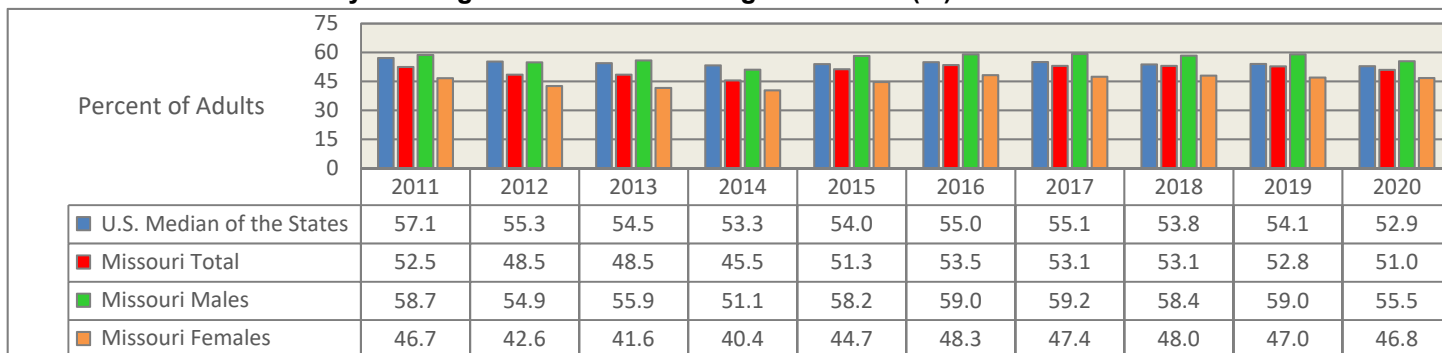
- 1 Use of the substance on all 30 days during the 30 days prior to the survey.
- 2 Use of the substance on at least 1 day during the 30 days prior to the survey
- 3 Binge alcohol use in the YRBS is defined as males consuming 5 or more drinks in a row and females consuming 4 or more drinks in a row within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

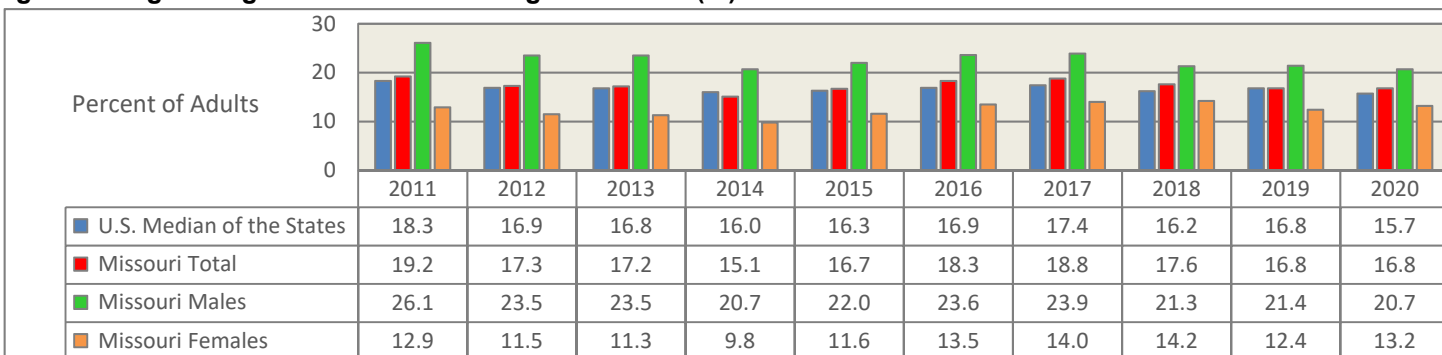
Data Source: Youth Risk Behavioral Surveillance System (YRBSS), Youth Online High School YRBS, U.S. Department of Health and Human Services, Centers for Disease Control and Prevention.

BEHAVIORAL RISK FACTOR SURVEY: ALCOHOL USE

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

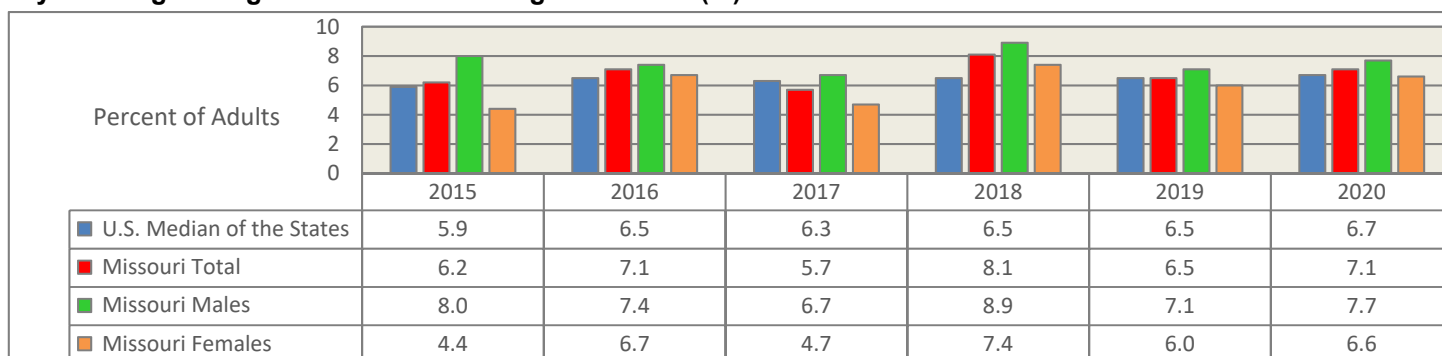


Binge Drinking among Adults 18 Years of Age and Older (%)



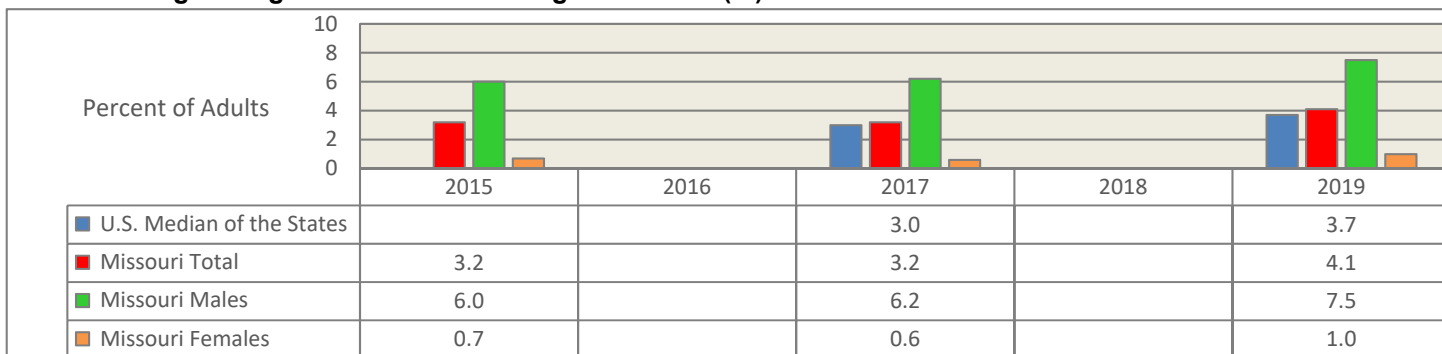
Binge drinking is defined in the BRFSS as males having 5 or more drinks on one occasion and females having 4 or more drinks on one occasion.

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 (%)

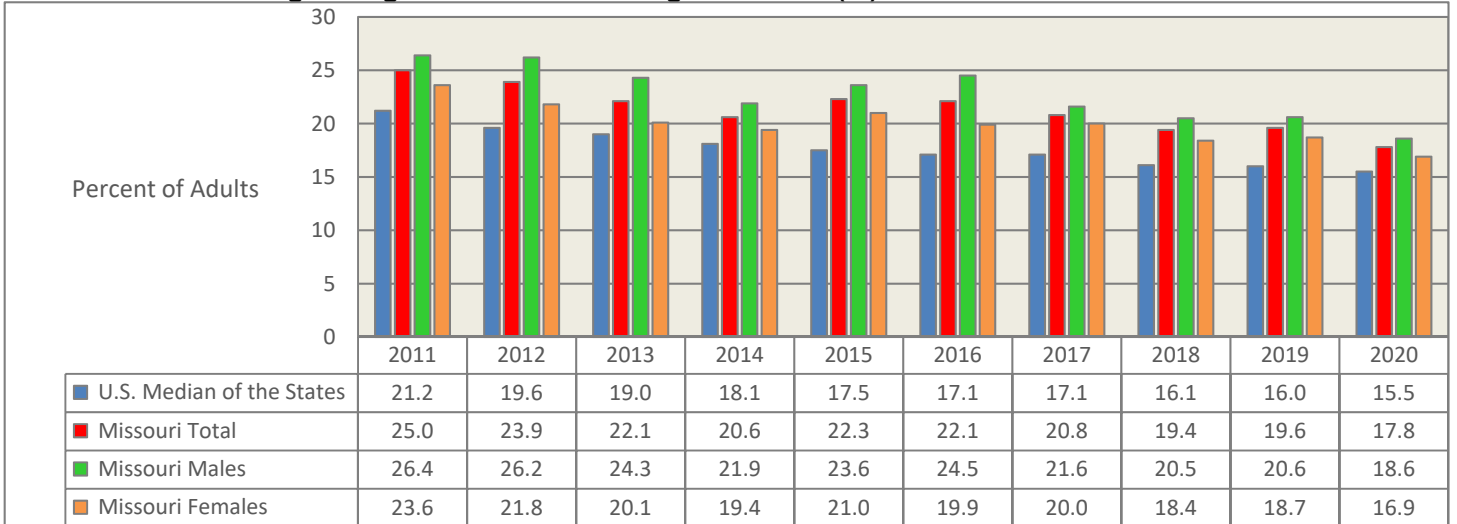


Chronic drinking in the BRFSS is defined as having more than 60 drinks in the past month.

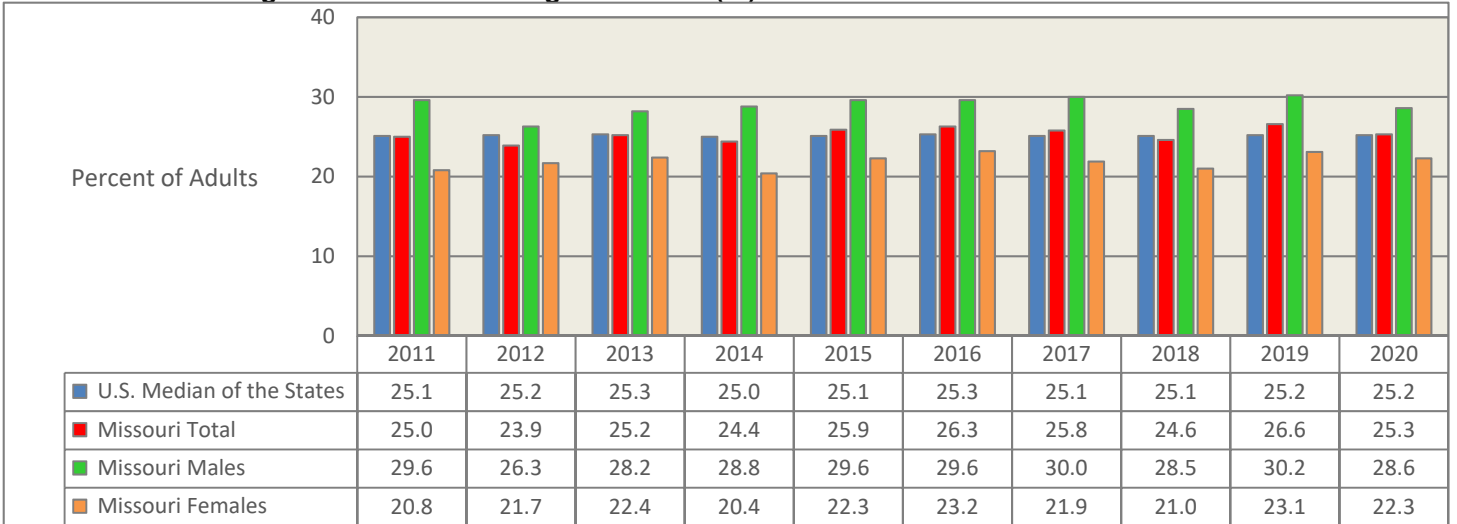
Data Source: Behavioral Risk Factor Survey, Behavioral Risk Factor Surveillance System (BRFSS), Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion, Division of Population Health.
Small differences in rate estimates for Missouri year-to-year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

BEHAVIORAL RISK FACTOR SURVEY: PREVALENCE OF TOBACCO SMOKING

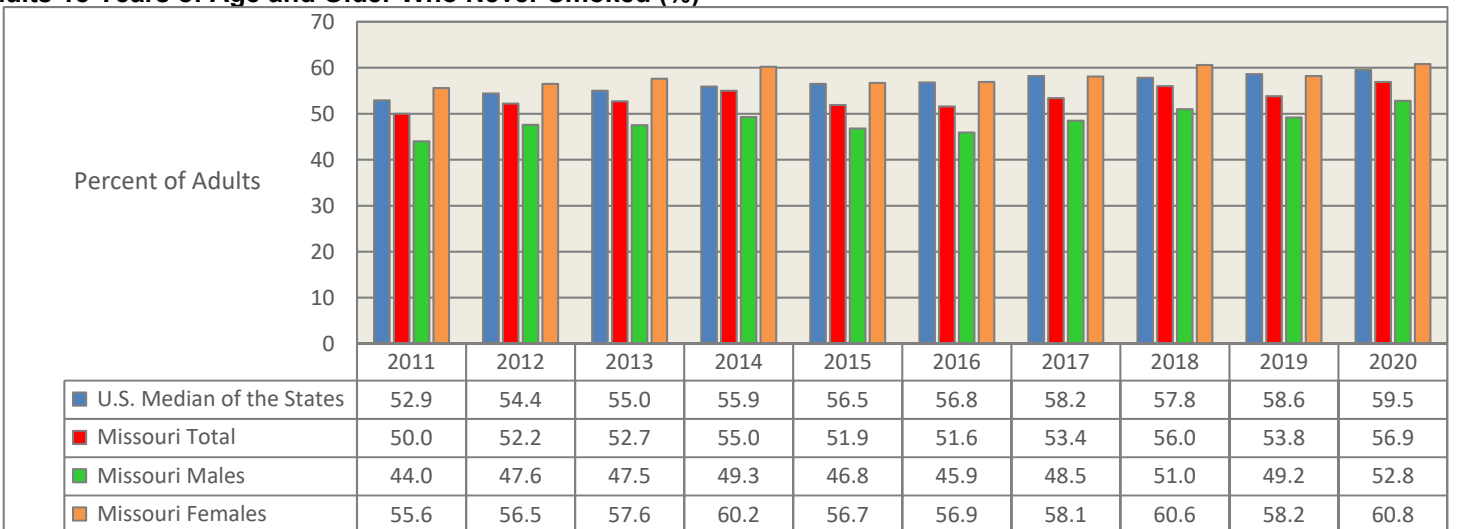
Current Tobacco Smoking among Adults 18 Years of Age and Older (%)



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

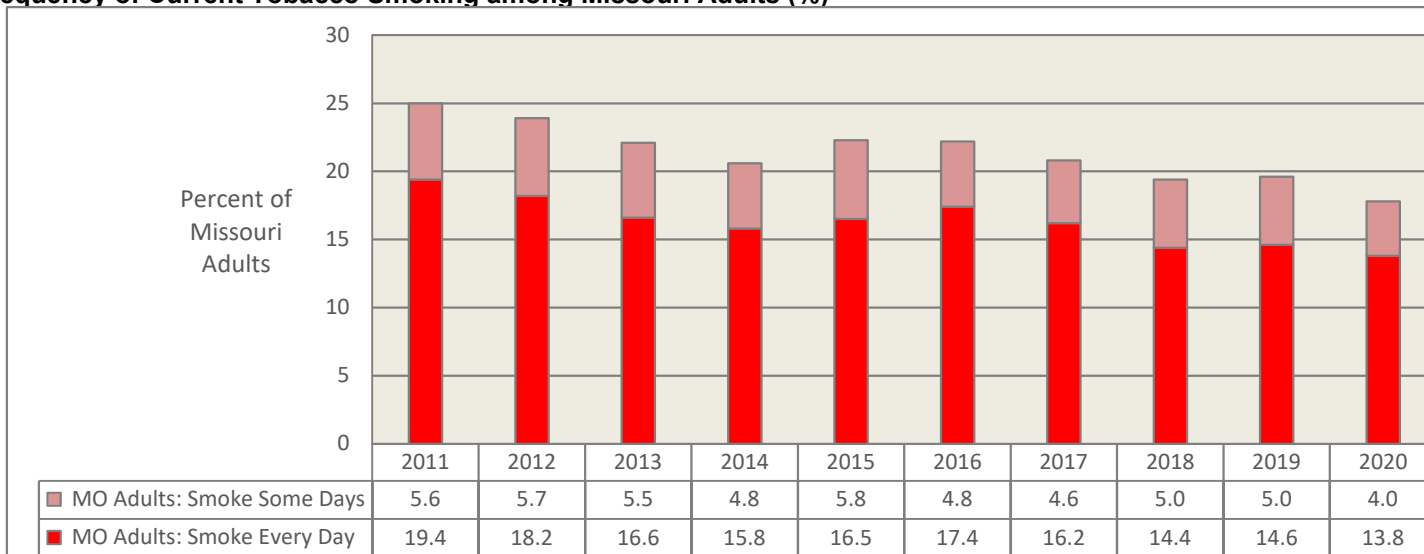


Adults 18 Years of Age and Older Who Never Smoked (%)

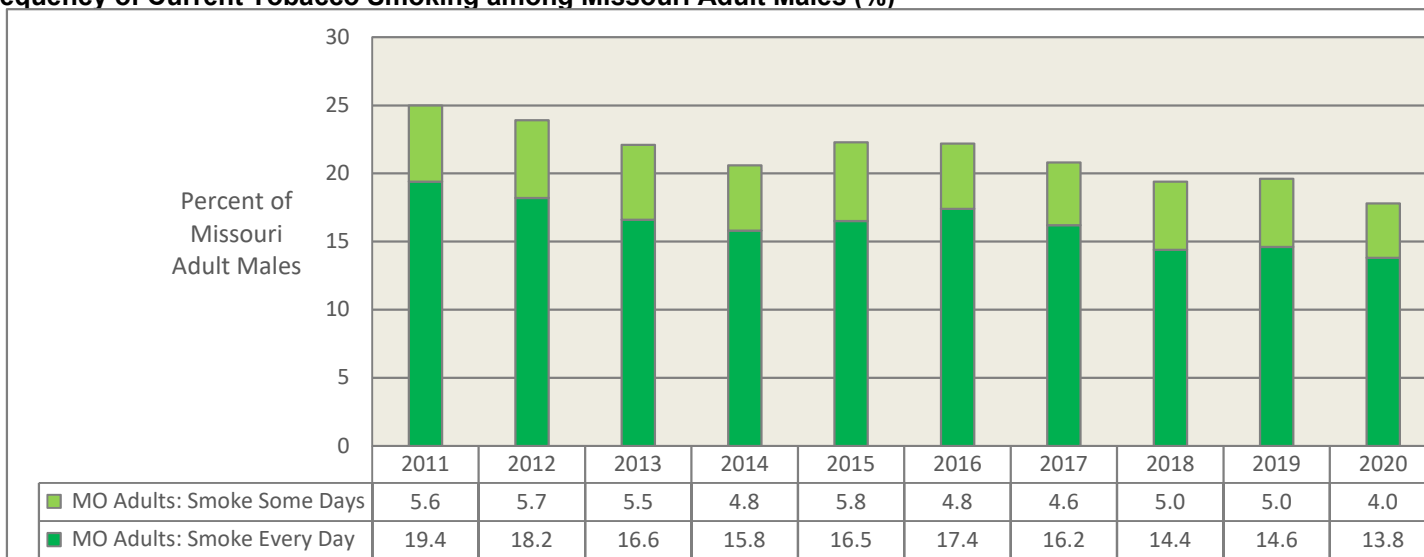


Data Source: Behavioral Risk Factor Survey, Behavioral Risk Factor Surveillance System (BRFSS), Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion, Division of Population Health.
 Small differences in rate estimates for Missouri year-to-year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

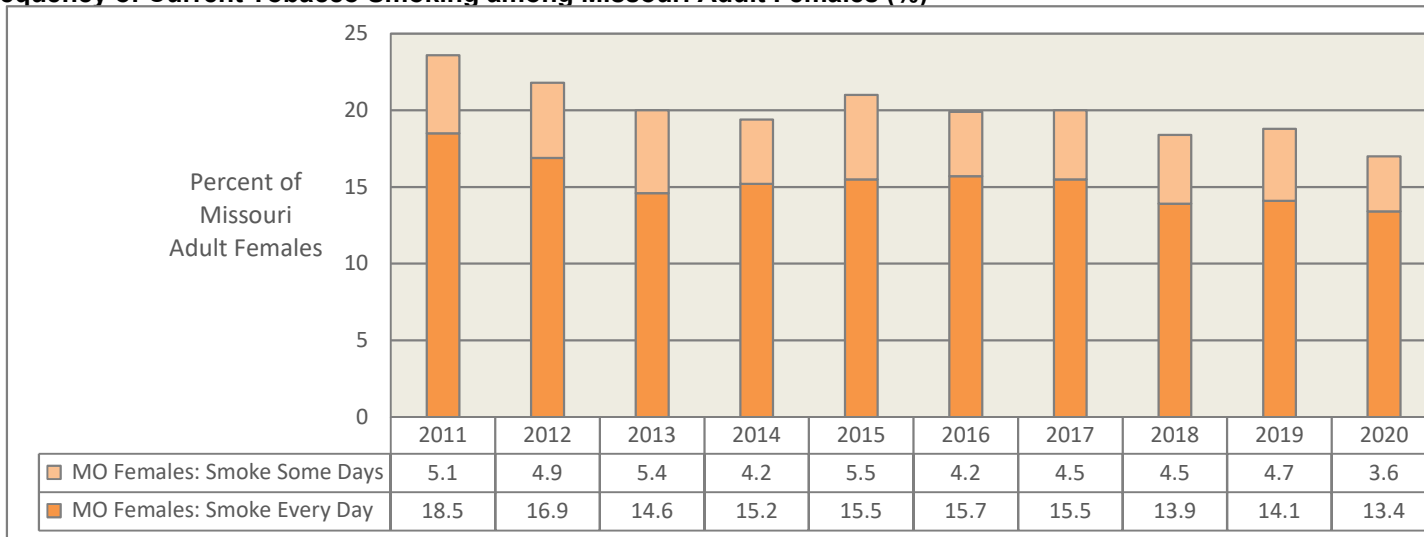
Frequency of Current Tobacco Smoking among Missouri Adults (%)



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



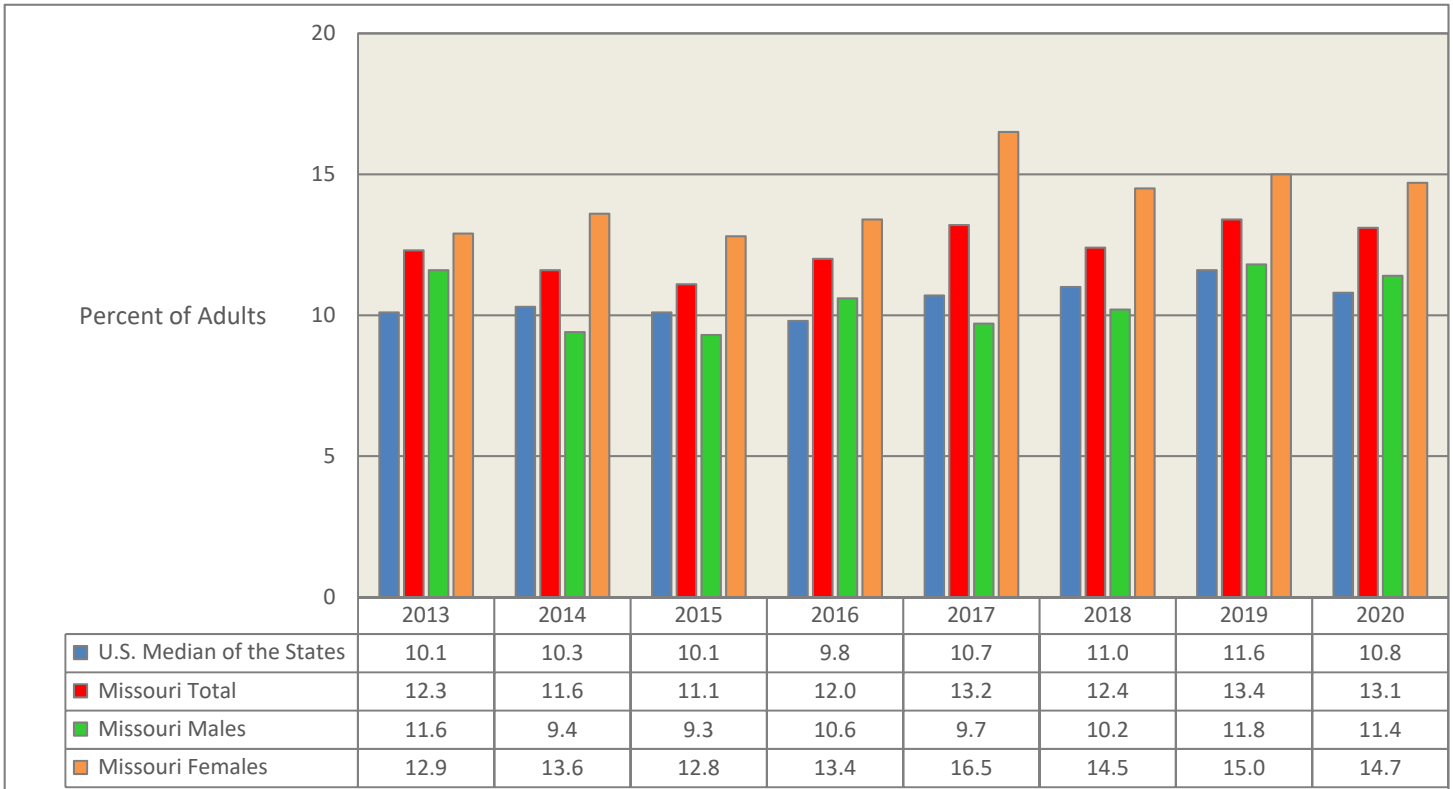
Frequency of Current Tobacco Smoking among Missouri Adult Females (%)



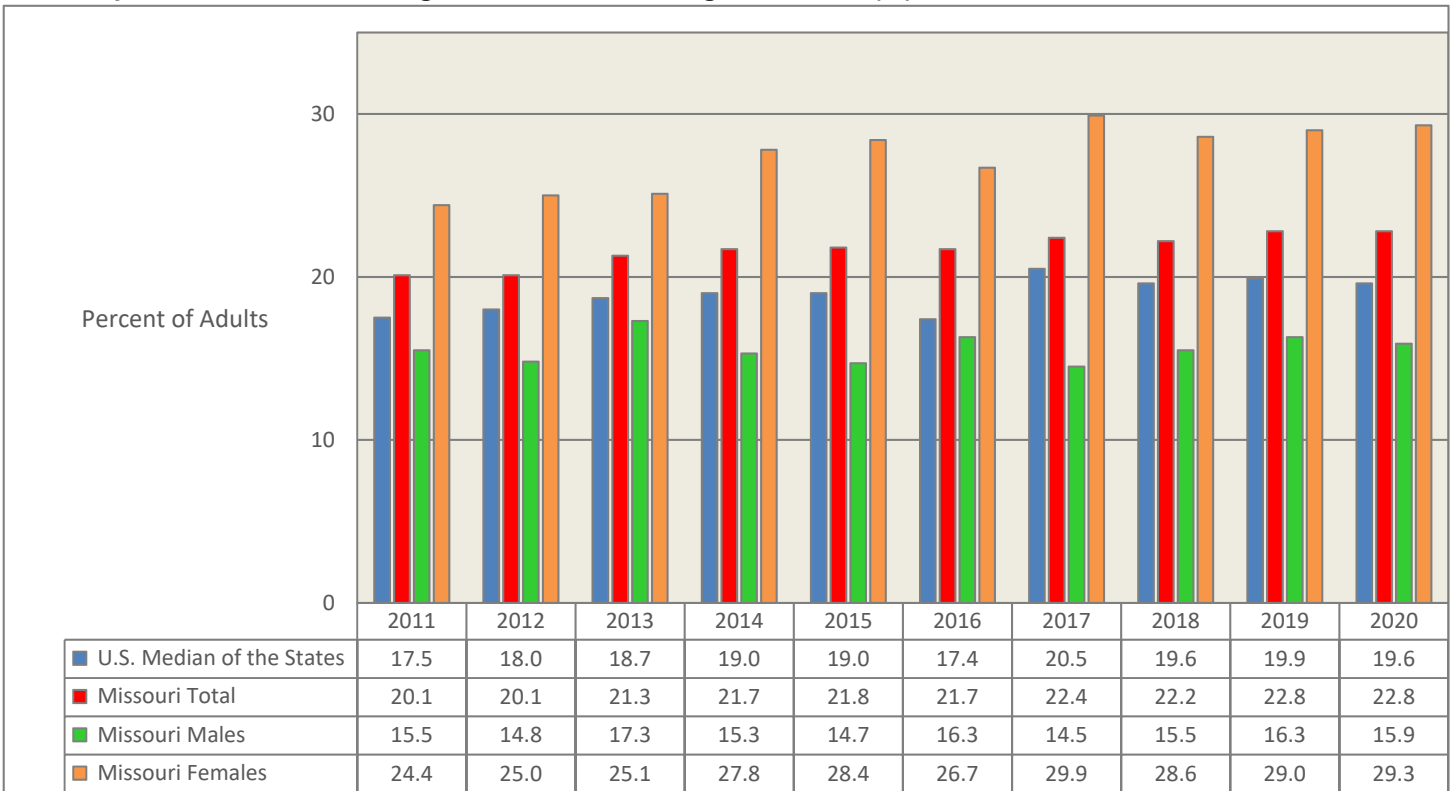
Data Source: Behavioral Risk Factor Survey, Behavioral Risk Factor Surveillance System (BRFSS), Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion, Division of Population Health.
 Small differences in rate estimates for Missouri year-to-year 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 (%)	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004
Alcohol	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	0.6
Been Drunk Daily	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	0.2
Cigarettes	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	4.4
Smokeless Tobacco	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	1.0
Marijuana/Hashish	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	0.8
Past 30-Day Use (%)	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004
Alcohol	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	18.6
Been Drunk (past 30 days)	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	6.2
Binge Alcohol Use (past 2 weeks)*	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	9.4
Cigarettes	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	9.2
Smokeless Tobacco	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	4.1
Any Illicit Drug	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	8.4
Any Illicit Drug other than Marijuana	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	4.1
Marijuana/Hashish	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	6.4
Vaping any substance	12.5	12.2	10.4	6.6	± 6.2	8.0											
Vaping Nicotine	10.5	9.6	6.1	3.5													
Vaping Marijuana	4.2	3.9	2.6	1.6													
Inhalants	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	4.5
Hallucinogens	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	1.0
LSD	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	0.5
MDMA "Ecstasy"	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	0.8
Cocaine (all forms)	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	0.9
Crack Cocaine	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	0.6
Amphetamine	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	2.3
Methamphetamine	0.1	0.1	0.1	0.2	0.3	0.3	0.2	0.4	0.5	0.4	0.7	0.5	0.7	0.6	0.6	0.7	0.6
Heroin	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	0.5
Tranquilizers	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	1.2
Rohypnol	§	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	0.2
Steroids	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	0.5
Injection Drug Use	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	0.3
Past Year Use (%)	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004
Alcohol	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	36.7
Been Drunk in past year	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	14.5
Any Illicit Drug	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	15.2
Any Illicit Drug other than Marijuana	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	7.9
Marijuana/Hashish	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	11.8
Synthetic Marijuana	1.6	2.7	1.6	2.0	2.7	3.1	3.3	4.0	4.4								
Vaping any substance	19.2	20.1	17.6	13.3													
Inhalants	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	9.6
Hallucinogens	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	2.2
LSD	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	1.1
MDMA "Ecstasy"	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	1.7
Cocaine	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	2.0
Crack	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	1.3
Amphetamine	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	4.9
Methamphetamine	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	1.5
Heroin	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	1.0
Tranquilizers	2.2	2.4	2.0	2.0	1.7	1.7	1.7	1.8	1.8	2.0	2.8	2.6	2.4	2.4	2.6	2.8	2.5
Steroids	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	1.1
Injection Drug Use	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	0.7
Lifetime Use (%)	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004
Alcohol	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	43.9
Ever Been Drunk	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	19.9
Cigarettes	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	27.9
Smokeless Tobacco	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	11.0
Any Illicit Drug	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	21.5
Any Illicit Drug other than Marijuana	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	12.2
Marijuana/Hashish	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	16.3
Vaping any substance	24.1	24.3	21.5	18.5	± 17.5	21.7											
Inhalants	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	17.3
Hallucinogens	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	3.5
LSD	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	1.8
MDMA "Ecstasy"	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	2.8
Cocaine (all forms)	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	3.4
Crack Cocaine	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	2.4
Amphetamine	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	7.5
Methamphetamine	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	2.5
Heroin	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	1.6
Tranquilizers	3.9	4.0	3.5	3.4	3.0	3.0	2.9	2.9	3.0	3.4	4.4	3.9	3.9	3.9	4.3	4.1	4.0
Rohypnol	§	0.6	0.7	0.6	0.9	0.8	0.6	0.7	1.0	2.0	0.9	0.7	0.7	1.0	1.0	1.1	1.0
Steroids	2.0	1.5	1.1	1.1	0.9	1.0	1.0	1.1	1.2	1.2	1.1	1.3	1.4	1.5	1.6	1.7	1.9
Injection Drug Use	0.3	0.5	0.4	0.4	0.3	0.3	0.8	0.6	0.6	0.8	0.9	0.9	0.9	0.9	1.0	1.0	1.1

* 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 (2020). *Monitoring the Future national survey results on drug use 1975-2019: Overview, key findings on adolescent drug use*. Ann Arbor: Institute for Social Research, The University of Michigan.

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

Daily Use in Past 30 Days (%)	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004
Alcohol	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	1.3
Been Drunk Daily	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	0.4
Cigarettes	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	8.3
Smokeless Tobacco	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	1.6
Marijuana/Hashish	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	3.2
Past 30-Day Use (%)	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004
Alcohol	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	35.2
Been Drunk (past 30 days)	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	18.5
Binge Alcohol Use (past 2 weeks)*	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	19.9
Cigarettes	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	16.0
Smokeless Tobacco	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	4.9
Any Illicit Drug	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	18.3
Any Illicit Drug other than Marijuana	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	6.9
Marijuana/Hashish	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	15.9
Vaping any substance	23.5	25.0	21.7	13.1	11.0	14.2											
Vaping Nicotine	19.3	19.9	16.1	8.2													
Vaping Marijuana	11.3	12.6	7.0	4.3													
Inhalants	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	2.4
Hallucinogens	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	1.6
LSD	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	0.6
MDMA "Ecstasy"	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	0.8
Cocaine (all forms)	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	1.7
Crack Cocaine	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	0.8
Amphetamine	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	4.0
Methamphetamine	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	1.3
Heroin	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	0.5
Tranquilizers	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	2.3
Rohypnol	§	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	0.3
Steroids	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	0.8
Injection Drug Use	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	0.3
Past Year Use (%)	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004
Alcohol	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	58.2
Been Drunk in past year	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	35.1
Any Illicit Drug	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	31.1
Any Illicit Drug other than Marijuana	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	13.5
Marijuana/Hashish	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	27.5
Synthetic Marijuana	2.5	2.6	2.9	2.7	3.3	4.3	5.4	7.4	8.8								
Vaping any substance	34.6	35.7	32.3	23.9													
Inhalants	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	5.9
Hallucinogens	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	4.1
LSD	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	1.6
MDMA "Ecstasy"	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	2.4
Cocaine (all forms)	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	3.7
Crack	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	1.7
Amphetamine	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	8.5
Methamphetamine	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	3.0
Heroin	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	0.9
Tranquilizers	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	5.1
Steroids	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	1.5
Injection Drug Use	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	0.5
Lifetime Use (%)	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004
Alcohol	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	64.2
Ever Been Drunk	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	42.3
Cigarettes	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	40.7
Smokeless Tobacco	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	13.8
Any Illicit Drug	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	39.8
Any Illicit Drug other than Marijuana	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	18.8
Marijuana/Hashish	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	35.1
Vaping any substance	41.0	41.0	36.9	30.9	29.0	32.8											
Inhalants	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	12.4
Hallucinogens	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	6.4
LSD	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	2.8
MDMA "Ecstasy"	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	4.3
Cocaine (all forms)	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	5.4
Crack Cocaine	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	2.6
Amphetamine	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	11.9
Methamphetamine	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	5.3
Heroin	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	1.5
Tranquilizers	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	7.3
Rohypnol	§	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	1.2
Steroids	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	2.4
Injection Drug Use	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	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 (2020). *Monitoring the Future national survey results on drug use 1975-2019: Overview, key findings on adolescent drug use*. 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 (%)	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005
Alcohol	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	3.1
Been Drunk Daily	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	1.5
Cigarettes	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	13.6
Smokeless Tobacco	1.1	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	2.5
Marijuana/Hashish	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	5.0
Past 30-Day Use (%)	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005
Alcohol	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	47.0
Been Drunk in past 30 days	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	30.2
Binge Alcohol Use in past 2 weeks*	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	27.1
Cigarettes	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	23.2
Smokeless Tobacco	3.5	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	7.6
Any Illicit Drug	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	23.1
Any Illicit Drug other than Marijuana	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	10.3
Marijuana/Hashish	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	19.8
Vaping any substance	28.2	30.9	26.7	16.6	‡ 12.5	16.3										
Inhalants	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	2.0
Hallucinogens	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	1.9
LSD	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	0.7
MDMA "Ecstasy"	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	1.0
Cocaine including Crack	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	2.3
Amphetamine	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	3.9
Heroin	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	0.5
Narcotics other than Heroin	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	3.9
Sedatives / Barbiturates	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	3.3
Tranquilizers	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	2.9
Steroids	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	0.9
Prescription Drug non-medical use	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	8.6
Injection Drug Use	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	0.3
Past Year Use (%)	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005
Alcohol	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	68.6
Been Drunk in past year	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	47.7
Tobacco using a Hookah	4.1	5.6	7.8	10.1	13.0	19.8	22.9	21.4	18.3	18.5	17.1					
Any Illicit Drug	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	38.4
Any Illicit Drug other than Marijuana	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	19.7
Marijuana/Hashish	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	33.6
Synthetic Marijuana	2.4	3.3	3.5	3.7	3.5	5.2	5.8	7.9	11.3	11.4						
Inhalants	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	5.0
Hallucinogens	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	5.5
LSD	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	1.8
MDMA "Ecstasy"	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	3.0
Cocaine	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	5.1
Crack	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	1.9
Amphetamine	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	8.6
Methamphetamine	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	2.5
Crystal Meth (Ice)	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	2.3
Heroin	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	0.8
Narcotics other than Heroin	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	9.0
Sedatives / Barbiturates	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	7.2
Tranquilizers	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	6.8
Steroids	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	1.5
Prescription Drug non-medical use	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	17.1
Injection Drug Use	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	0.5
Lifetime Use (%)	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005
Alcohol	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	75.1
Ever Been Drunk	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	57.5
Cigarettes	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	50.0
Smokeless Tobacco	§	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	17.5
Any Illicit Drug	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	50.4
Any Illicit Drug other than Marijuana	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	27.4
Marijuana/Hashish	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	44.8
Vaping any substance	47.2	45.6	42.5	35.8	‡ 33.8	35.5										
Inhalants	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	11.4
Hallucinogens	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	8.8
LSD	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	3.5
MDMA "Ecstasy"	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	5.4
Cocaine	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	8.0
Amphetamine	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	13.1
Heroin	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	1.5
Narcotics other than Heroin	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	12.8
Sedatives / Barbiturates	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	10.5
Tranquilizers	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	9.9
Steroids	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	2.6
Prescription Drug non-medical use	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	24.0
Injection Drug Use	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	0.9

* Binge alcohol use in the Monitoring the Future Survey is defined as consuming 5 or more drinks on the same occasion on at least one day in the past two weeks.
 ‡ Survey question was re-worded and/or estimate was revised beginning with year indicated. Figures are percentage estimates.

Data Source: Miech, RA, Johnston, LD, O'Malley, PM, Bachman, JG, Schulenberg, JE, & Patrick, ME (2020). *Monitoring the Future national survey results on drug use 1975-2019: Overview, key findings on adolescent drug use*. Ann Arbor: Institute for Social Research, The University of Michigan.

MONITORING THE FUTURE SURVEY: U.S. COLLEGE STUDENTS

Daily Use in Past 30 Days (%)	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004
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	3.7
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	0.8
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	13.8
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	4.5
Past 30-Day Use (%)	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004
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	67.7
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	47.4
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	41.7
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	24.3
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	21.2
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	9.1
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	18.9
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	0.4
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	1.3
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	0.2
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	0.7
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	2.4
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	0.4
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	3.2
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	0.2
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	0.1
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	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	3.0
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	1.5
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	2.7
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	0.1
Past Year Use (%)	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004
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	81.2
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	67.1
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	36.7
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	36.2
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	18.6
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	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	2.7
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	5.9
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	1.2
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	5.6
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	2.2
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	6.6
Crack Cocaine	0.0	0.0	0.7	0.2	0.0	0.2	0.8	0.3	0.3	0.3	0.4	0.3	0.5	0.6	1.0	0.8	1.3
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	7.0
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	2.9
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	1.1
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	0.4
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	8.2
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	4.2
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	6.7
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	0.6
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	0.1
Lifetime Use (%)	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004
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	84.6
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	73.4
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	52.2
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	28.0
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	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	8.5
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	12.0
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	5.6
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	10.1
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	10.2
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	9.5
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	2.0
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	12.7
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	5.2
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	2.2
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	0.9
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	13.8
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	7.2
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	10.6
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	1.6
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	0.1

* 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 IN PAST 30 DAYS	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004
Alcohol	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	5.3	4.4
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	0.6	0.7
Cigarettes	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	19.5	20.1
Marijuana	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	4.7	4.5
PAST 2-WEEK USE (%)	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004
5+ Drinks in a Row in Past 2 Weeks*	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	35.7	35.4
10+ Drinks in a Row in Past 2 Weeks	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	10.7	
15+ Drinks in a Row in Past 2 Weeks	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	4.5	
PAST 30-DAY USE (%)	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004
Alcohol	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	68.1	67.7
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	38.0	36.4
Cigarettes	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	27.8	28.0
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	18.1	17.8
Any Illicit Drug other than Marijuana	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	7.9	7.9
Marijuana	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	15.2	15.2
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	0.2	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	0.7	0.8
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	0.1	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	0.6	0.6
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	2.0	2.0
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	0.3	0.3
Amphetamine	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	2.0	2.2
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	0.7	0.6
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	0.2	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	3.3	2.8
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	1.6	1.6
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	2.6	2.5
PAST-YEAR USE (%)	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004
Alcohol	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	83.9	84.3
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	62.8	61.2
Cigarettes	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	37.9	37.4
Tobacco using a Hookah	8.8	9.3	12.3	11.4	13.7	17.5	21.0	18.8	17.1	18.1							
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	31.6	31.8
Any Illicit Drug other than Marijuana	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	18.1	17.6
Marijuana	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	26.7	27.0
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	1.3	1.5
Hallucinogens	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	4.1	4.2
LSD	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	0.8	0.8
MDMA "Ecstasy"	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	2.9	3.1
Cocaine	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	6.5	6.5
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	1.2	1.2
Amphetamine	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	4.7	5.6
Methamphetamine	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	2.2	2.5
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	1.6	1.4
Heroin	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	0.5	0.3
Narcotics other than Heroin	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	8.5	8.4
Sedatives / Barbiturates	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	4.2	4.0
Tranquilizers	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	6.8	7.0
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	0.4	0.4
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	0.2	0.1
LIFETIME USE (%)	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004
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	89.7	89.9
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	80.8	80.6
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	60.4	60.3
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	34.6	34.6
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	57.0	57.4
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	10.9	11.8
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	18.1	19.3
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	12.1	13.7
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	15.5	15.4
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	14.5	15.1
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	14.5	14.9
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	4.7	4.4
Amphetamine	19.7	20.1	19.6	19.2	19.6	19.3	19.5	18.5	17.5	16.4	16.3	14.9					