North Reading
COMMUNITY
IMPACT TEAM

2023 Core Measurement Report
Amy Luckiewicz, DFC Director

Sample Populations

	6th	7th	8th	9th	10th	11th	12th
Participants	131	156	117	55	52	43	16
Response Rate	77.98%	81.25%	64.64%	31.25%	31.90%	33.86%	9.04%
Confidence Level	95%	95%	95%	95%	95%	95%	95%
Margin of Error*	4.1%	3.45%	5.45%	11%	11.3%	12.3%	24%
Response Rate vs. 2022	+0.18%	+9.25%	-0.86%	-61.7%	-31.4%	-7.09%	-29.66%

*Margin of error demonstrates how many percentage points the sample result differs from the total population results.
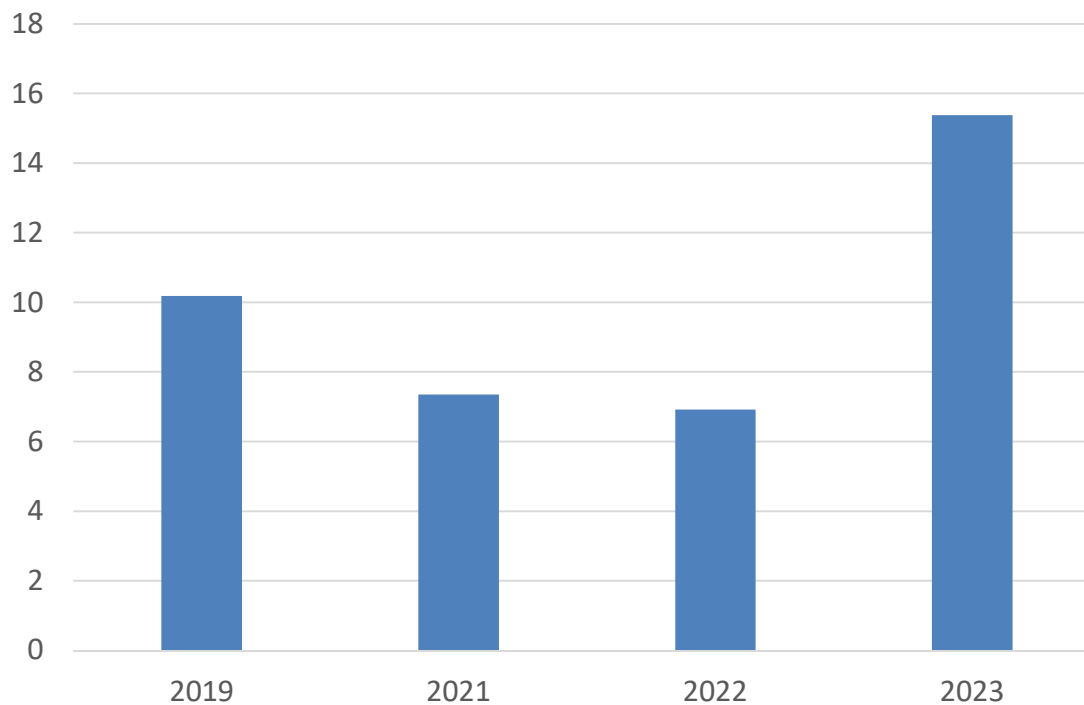
Student Past 30-Day Use: Alcohol

	Year	6th	7th	8th	9th	10th	11th	12th
Alcohol	2023	14.06%	11.84%	17.39%	16.36%	30.77%	30.95%	43.75%
	2022	4.00%	6.56%	2.40%	5.81%	16.05%	23.61%	19.05%
	2021	2.70%	2.94%	5.26%	7.69%	11.56%	0.0%	26.32%
	2019	2.9%	2.9%	1.8%	9.0%	20.6%	23.2%	43.4%
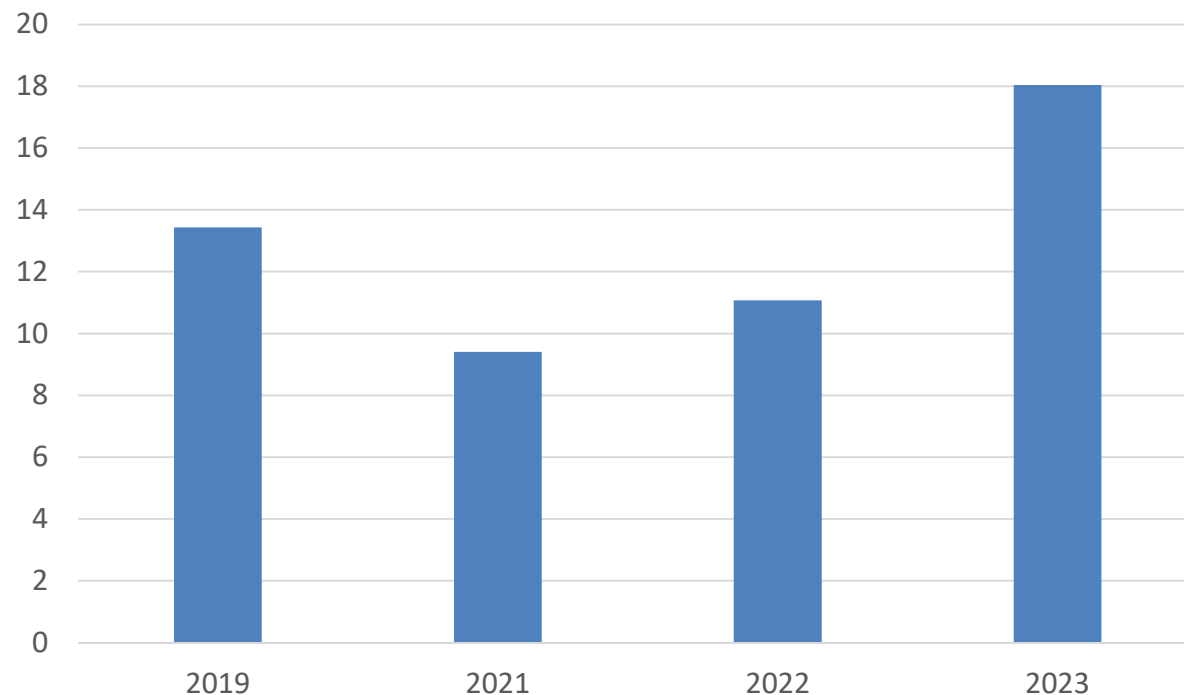
Average across all grades excluding grade 11 in year 2023
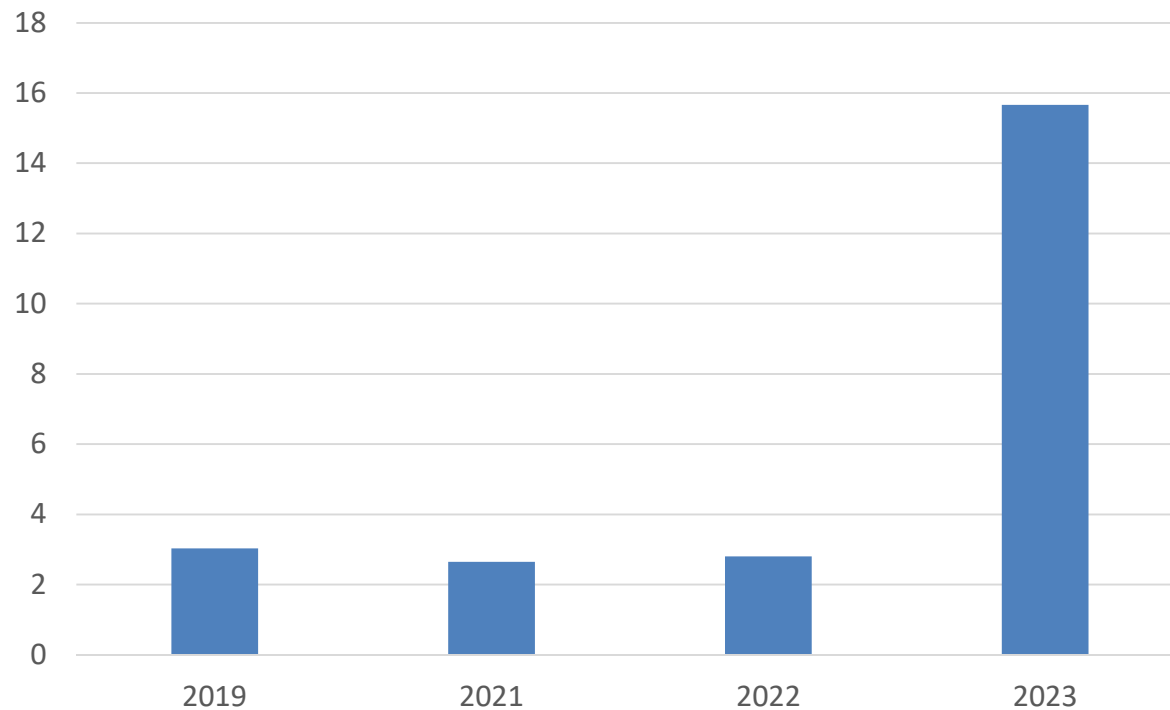
Student Past 30-Day Use: Marijuana

	Year	6th	7th	8th	9th	10th	11th	12th
MJ	2023	12.70%	11.18%	16.38%	10.91%	21.15%	26.19%	37.5%
	2022	3.36%	4.84%	3.20%	1.92%	8.75%	15.28%	11.11%
	2021	2.70%	0.0%	6.14%	5.00%	9.59%	0.0%	20.69%
	2019	1.5%	2.2%	3.0%	6.0%	16.5%	16.2%	31.9%

Average across all grades excluding grade 11 in year 2023
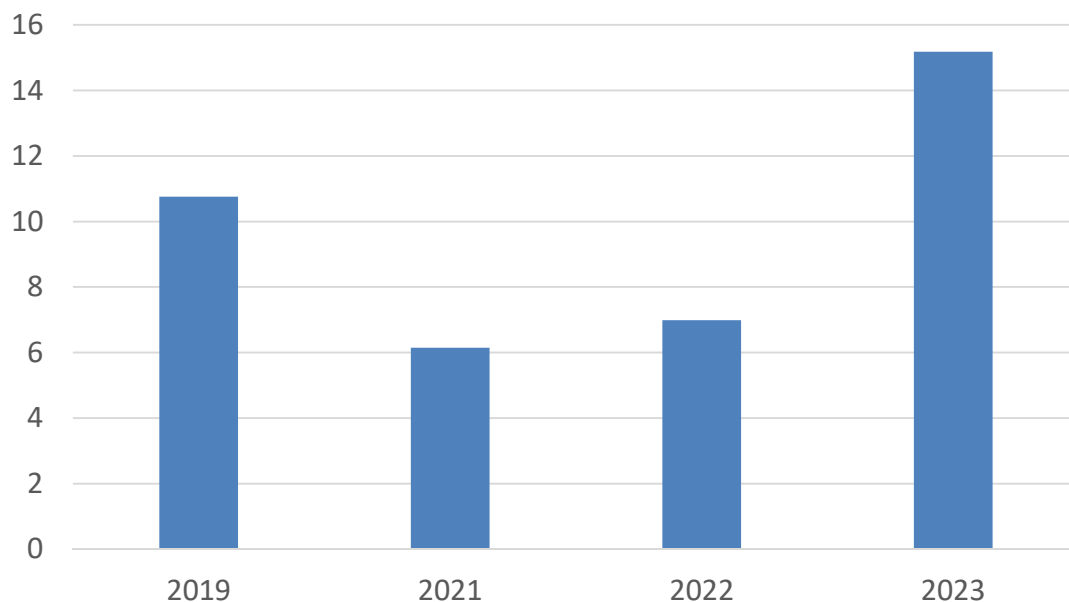
Student Past 30-Day Use: Rx Drugs

	Year	6th	7th	8th	9th	10th	11th	12th
Rx Drugs	2023	13.39%	11.84%	16.38%	9.09%	19.61%	23.81%	25.00%
	2022	3.33%	5.65%	2.40%	2.56%	2.47%	0.0%	3.17%
	2021	2.04%	0.0%	5.22%	3.33%	2.72%	0.0%	2.59%
	2019	2.2%	2.2%	1.8%	1.8%	4.1%	1.4%	6.1%

Average across all grades excluding grade 11 in year 2023

Student Past 30-Day Use: Vape

	Year	6th	7th	8th	9th	10th	11th	12th
Past 30 days any vape product	2023	13.28%	11.18%	15.65%	10.91%	19.23%	23.81%	43.75%
	2022	3.33%	4.03%	3.20%	3.21%	7.41%	16.67%	11.11%
	2021	2.72%	.097%	5.22%	5.83%	7.53%	0.00%	15.52%
	2019	0.7%	2.9%	5.4%	9.0%	21.2%	21.0%	25.4%

Average across all grades excluding grade 11 in 2021

Student Past 30-Day Use: Tobacco

	Year	6th	7th	8th	9th	10th	11th	12th
Tobacco	2023	0.78%	11.18%	16.38%	9.09%	19.23%	26.19%	60.00%
	2022	3.33%	4.84%	1.60%	1.28%	2.47%	0.00%	9.52%
	2021	2.70%	0.97%	5.26%	5.83%	4.76%	0.0%	5.13%
	2019	0.8%	2.1%	1.2%	3.6%	4.1%	2.8%	9.7%
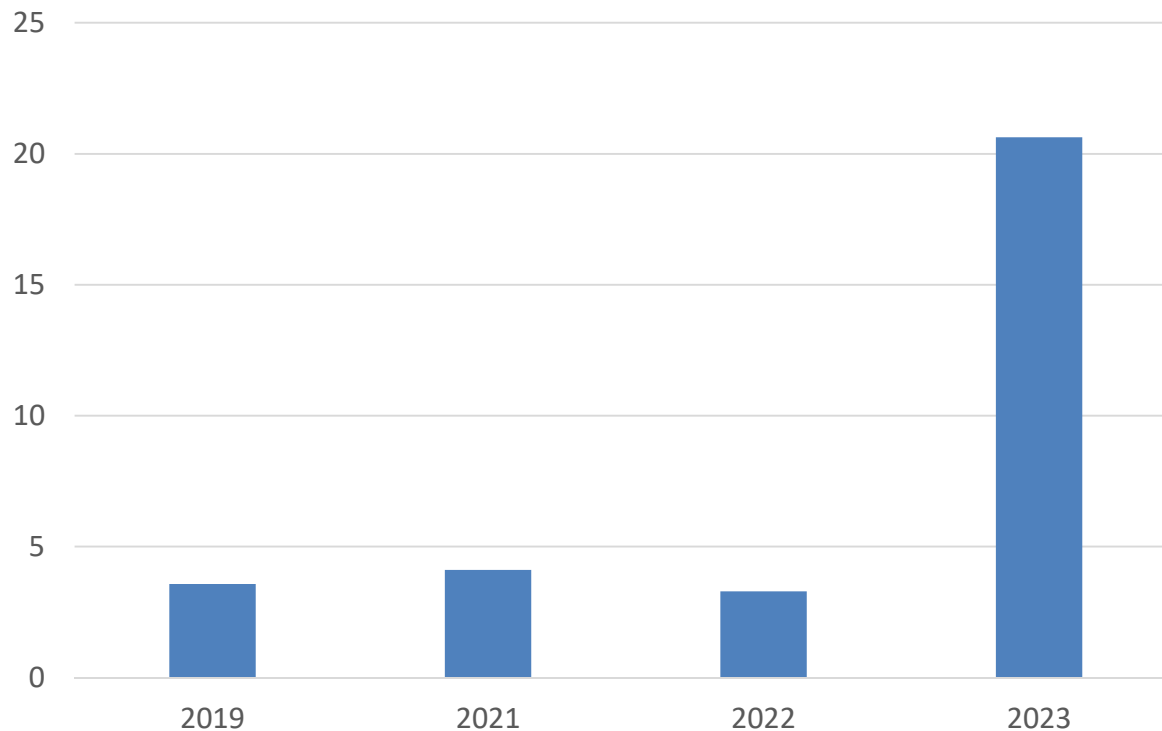
Average across all grades excluding grade 11 in year 2021

Overall Picture 2019-2023
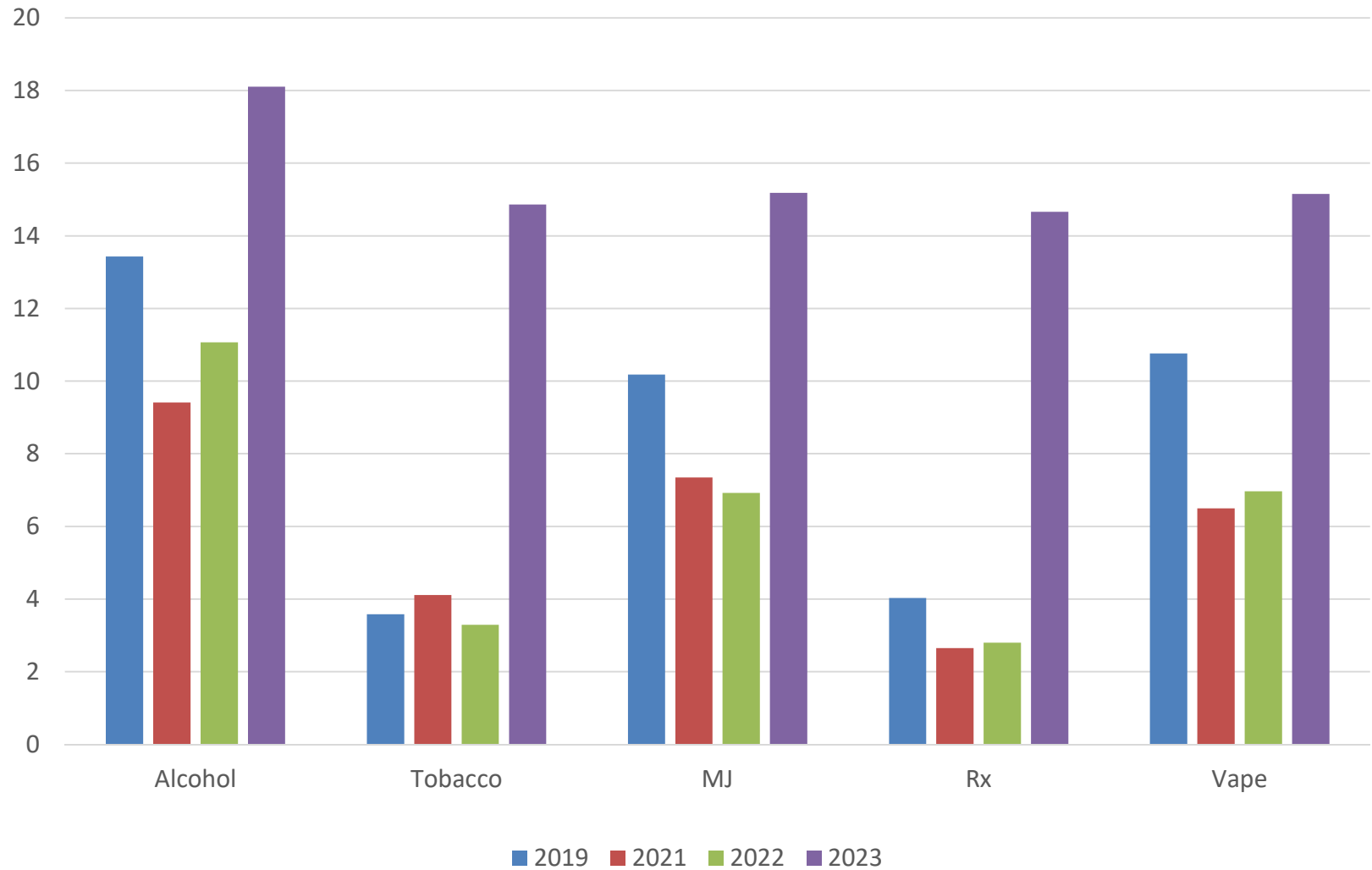
Average across all grades excluding grade 11 for comparison

Student Perception of Risk or Harm

	Year	6th	7th	8th	9th	10th	11th	12th
Alcohol	2023	87.20%	88.89%	94.83%	92.73%	88.46%	86.67%	85.98%
	2022	75.00%	92.74%	90.40%	86.54%	76.25%	83.33%	71.43%
	2021	83.87%	79.41%	78.76%	77.50%	76.55%	50.00%	75.44%
Tobacco	2023	87.40%	85.43%	92.17%	94.55%	90.38%	93.75%	89.09%
	2022	86.00%	95.97%	89.34%	54.19%	66.67%	55.56%	55.56%
	2021	93.20%	94.12%	95.65%	80.00%	84.25%	100.0%	87.93%
MJ	2023	88.71%	86.84%	91.30%	89.09%	84.62%	69.05%	81.10%
	2022	87.16%	93.55%	80.80%	79.49%	65.43%	58.33%	44.44%
	2021	83.56%	79.61%	77.68%	69.17%	60.96%	50.00%	48.70%
Rx Drugs	2023	87.50%	89.54%	93.91%	94.55%	90.38%	80.95%	89.70%
	2022	90.48%	94.35%	93.60%	95.51%	87.65%	94.44%	88.89%
	2021	91.03%	93.14%	94.69%	88.33%	96.55%	100.0%	93.91%

% of students who said they perceive using the substance as moderate or great risk

Student Perception of Disapproval

PARENT	6th	7th	8th	9th	10th	11th	12th
Alcohol	87.90%	91.50%	89.57%	81.82%	75.00%	65.85%	68.75%
Tobacco	95.16%	97.39%	98.26%	98.18%	92.31%	85.71%	100.0%
MJ	93.55%	96.71%	95.65%	98.15%	92.31%	78.57%	100.0%
Rx Drugs	95.97%	96.08%	96.52%	96.36%	90.38%	85.71%	100.0%
Vape	95.97%	96.08%	97.39%	100.0%	96.15%	87.81%	100.0%

PEER	6th	7th	8th	9th	10th	11th	12th
Alcohol	85.37%	89.47%	86.96%	76.36%	65.38%	69.05%	62.50%
Tobacco	93.50%	94.74%	91.23%	90.91%	82.69%	83.33%	75.00%
MJ	92.68%	94.70%	93.86%	85.55%	80.39%	76.19%	66.67%
Rx Drugs	92.68%	94.04%	95.65%	95.55%	92.31%	83.33%	93.75%
Vape	92.62%	92.76%	89.47%	87.27%	80.77%	82.93%	62.50%

% of students who said they perceive parent/peer would disapprove

Where Students Use Substances

	Year	Most Popular Place	2nd Most Popular Place
Alcohol	2023	At Home	At a Friend's House
	2022	At a Friend's House	At Home
	2021	At a Friend's House	At Home
Tobacco	2023	Outside	At a Friend's House
	2022	Outside	At a Friend's House
	2021	At a Friend's House	At Home
Marijuana	2023	At a Friend's House	Outside
	2022	At a Friend's House	Outside
	2021	At a Friend's House	At Home
Rx Drugs	2023	At Home	Inside my School
	2022	At Home	Outside
	2021	At Home	In a Car
Vape	2023	At a Friend's House	At Home
	2022	At a Friend's House	At Home
	2021	At a Friend's House	At Home

Self-Identifying Age of First Use (Mean)

	Alcohol	Tobacco	MJ	Rx drugs	Vape Nicotine
2023	14	17	17	12	16
2022	15	16	15	14	14
2021	15	15	16	10 or younger	15
2019	15	17	16	15	15

NR vs. National Past 30-Day % Use

	National 8th	N. Reading 8th	National 10th	N. Reading 10th	National 12th	N. Reading 12th
Alcohol	23.1%	17.39%	41.1%	30.77%	61.6%	43.75%
Tobacco	6.1%	16.38%	10.2%	19.23%	16.8%	37.50%
Marijuana	11.0%	16.38%	24.2%	21.15%	38.3%	37.50%
Rx Drugs	No Data	16.38%	No Data	19.61%	9.3%	25.00%

National Institute on Drug Abuse "Monitoring the Future Study"
University of Michigan, 2022

* Tobacco use from Cigarettes. National data not available for all tobacco products for grades 8 and 10

Need Help?

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