



North Reading
COMMUNITY
IMPACT TEAM


2022 Core Measurement Report

Amy Luckiewicz, DFC Director



Sample Populations

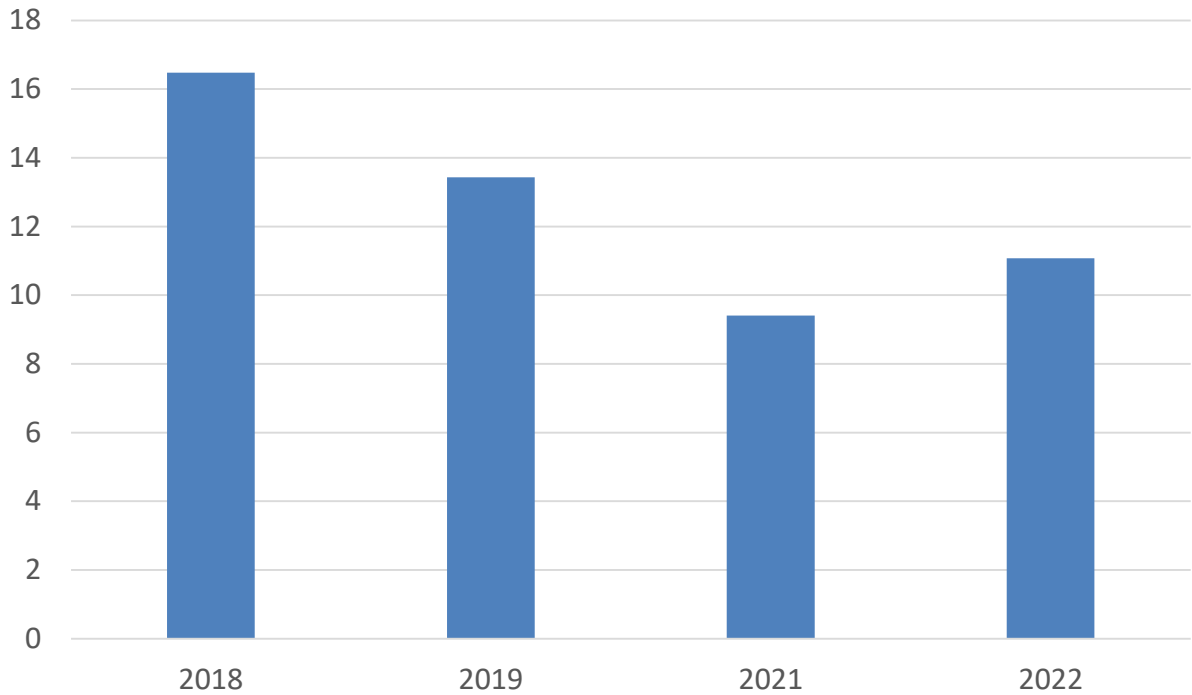
	6 th	7 th	8 th	9 th	10 th	11 th	12 th
Participants	151	126	127	157	81	72	63
Response Rate	77.8%	72.0%	65.5%	92.9%	63.3%	40.9%	38.7%
Confidence Level	95%	95%	95%	95%	95%	95%	95%
Margin of Error*	4%	5%	5%	2%	7%	9%	10%
Response Rate vs. 2021	-7.3%	+ 17.8%	-2.8%	-0.6%	-17.9%	NA	-24.2%



*Margin of error demonstrates how many percentage points the sample result differs from the total population results.

Student Past 30-Day Use: Alcohol

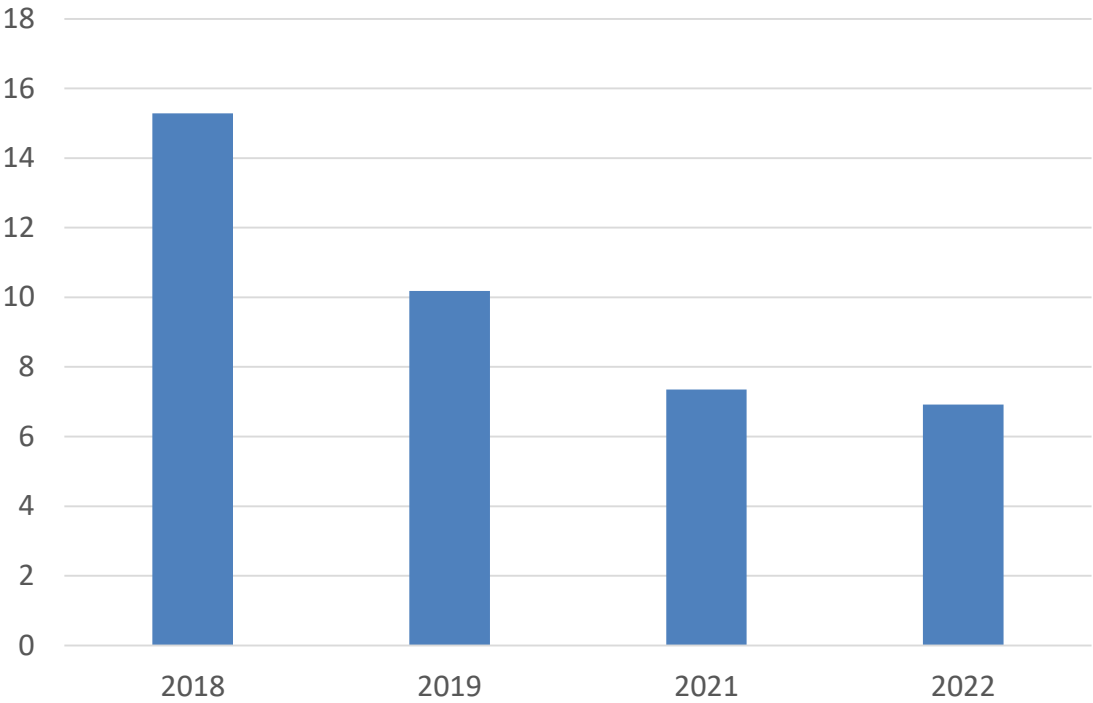
	Year	6 th	7 th	8 th	9 th	10 th	11 th	12 th
Alcohol	2022	4.00%	6.56%	2.40%	5.81%	16.05%	23.61%	19.05%
	2021	2.70%	2.94%	5.26%	7.69%	11.56%	0.0%	26.32%
	2019	2.9%	2.9%	1.8%	9.0%	20.6%	23.2%	43.4%
	2018	6.3%	2.5%	7.2%	10.2%	20.9%	21.2%	43.0%



Average across all
grades excluding
grade 11 in year
2021

Student Past 30-Day Use: Marijuana

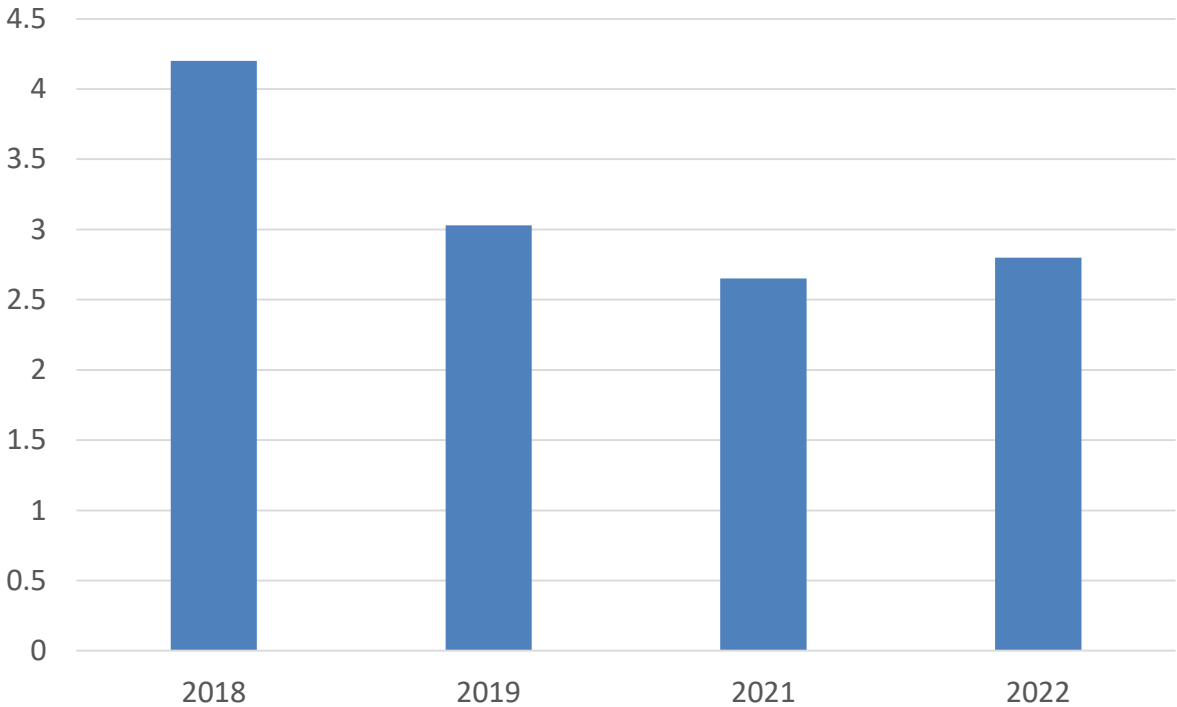
	Year	6 th	7 th	8 th	9 th	10 th	11 th	12 th
MJ	2022	3.36%	4.84%	3.20%	1.92%	8.75%	15.28%	11.11%
	2021	2.70%	0.0%	6.14%	5.00%	9.59%	0.0%	20.69%
	2019	1.5%	2.2%	3.0%	6.0%	16.5%	16.2%	31.9%
	2018	5.5%	1.8%	6.0%	6.3%	16.2%	17.0%	23.5%



Average across all
grades excluding
grade 11 in year
2021

Student Past 30-Day Use: Rx Drugs

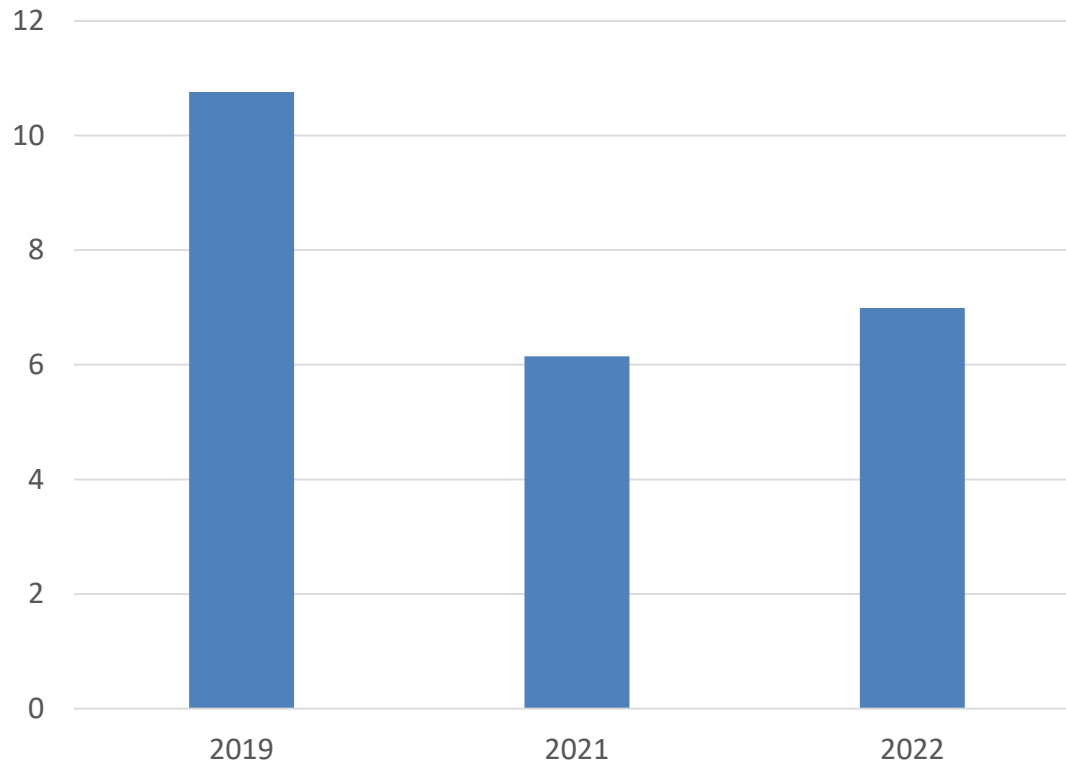
	Year	6 th	7 th	8 th	9 th	10 th	11 th	12 th
Rx Drugs	2022	3.33%	5.65%	2.40%	2.56%	2.47%	0.0%	3.17%
	2021	2.04%	0.0%	5.22%	3.33%	2.72%	0.0%	2.59%
	2019	2.2%	2.2%	1.8%	1.8%	4.1%	1.4%	6.1%
	2018	6.3%	1.2%	1.1%	3.3%	4.6%	4.2%	8.7%



Average across all
grades excluding
grade 11 in year
2021

Student Past 30-Day Use: Vape

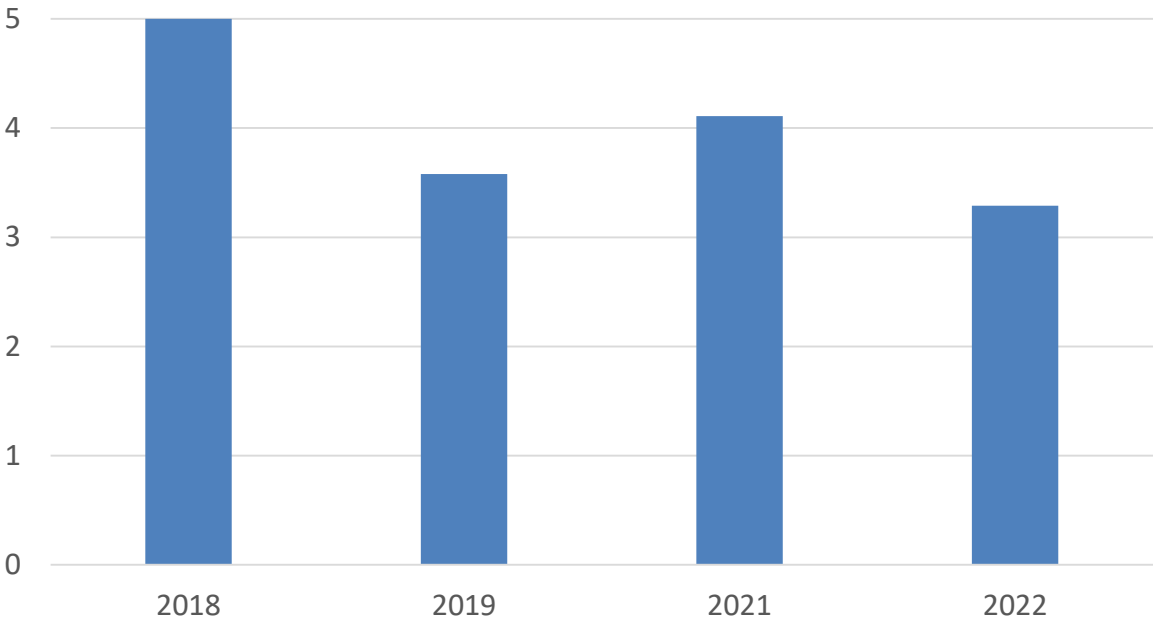
	Year	6 th	7 th	8 th	9 th	10 th	11 th	12 th
Past 30 days any vape product	2022	3.33%	4.03%	3.20%	3.21%	7.41%	16.67%	11.11%
	2021	2.72%	.097%	5.22%	5.83%	7.53%	0.00%	15.52%
	2019	0.7%	2.9%	5.4%	9.0%	21.2%	21.0%	25.4%



Average across all
grades excluding
grade 11, vape not
collected in 2018

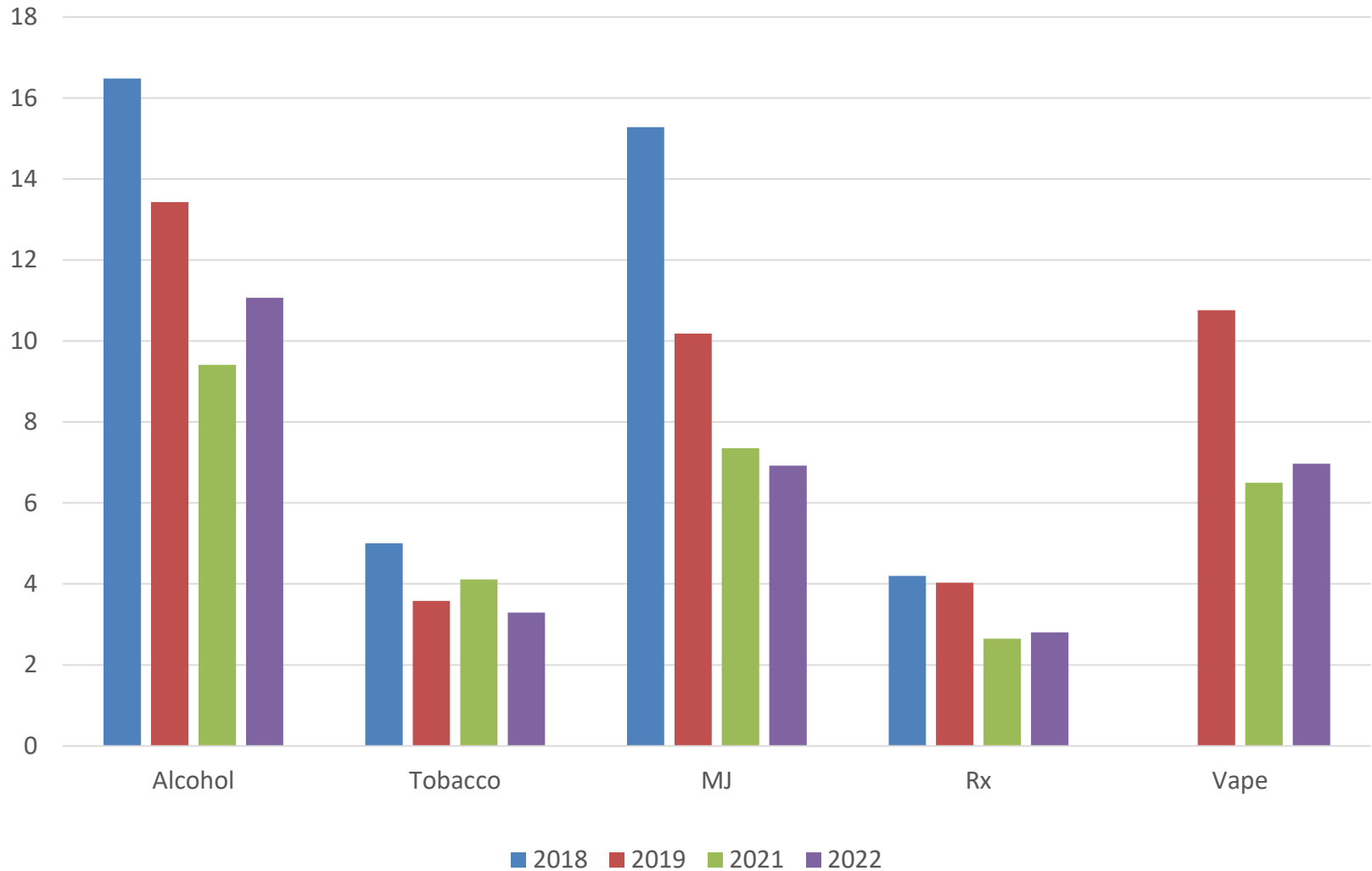
Student Past 30-Day Use: Tobacco

	Year	6 th	7 th	8 th	9 th	10 th	11 th	12 th
Tobacco	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%
	2018	4.8%	1.2%	3.4%	3.1%	4.6%	4.2%	8.7%
6								



Average across all
grades excluding
grade 11 in year
2021

Overall Picture



Average across all grades excluding grade 11 for comparison

Student Perception of Risk or Harm

	Year	6 th	7 th	8 th	9 th	10 th	11 th	12 th
Alcohol	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%
	2019	76.5%	55.8%	60.5%	82.0%	86.1%	73.4%	70.2%
Tobacco	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%
	2019	43.6%	51.5%	51.8%	76.9%	88.4%	79.0%	84.2%
MJ	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%
	2019	61.6%	62.0%	60.8%	65.9%	66.8%	51.4%	41.2%
Rx Drugs	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%
	2019	66.7%	69.8%	76.1%	92.2%	95.4%	90.1%	89.5%

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

Student Perception of Disapproval

PARENT	6 th	7 th	8 th	9 th	10 th	11 th	12 th
Alcohol	91.3%	92.7%	91.1%	96.2%	93.8%	87.5%	79.4%
Tobacco	94.6%	96.0%	91.2%	98.7%	97.5%	95.8%	93.6%
MJ (vape)	94.6%	96.0%	92.0%	98.7%	97.5%	95.8%	91.8%
Rx Drugs	94.6%	96.8%	92.7%	98.7%	97.5%	94.3%	93.7%
Vape	94.6%	96.0%	91.9%	98.7%	97.5%	94.4%	93.7%

PEER	6 th	7 th	8 th	9 th	10 th	11 th	12 th
Alcohol	94.6%	93.5%	91.2%	92.9%	83.8%	59.2%	58.7%
Tobacco	96.0%	97.8%	94.4%	97.4%	90.0%	77.8%	84.1%
MJ (vape)	96.0%	97.8%	94.4%	96.8%	87.3%	74.7%	73.0%
Rx Drugs	96.0%	96.8%	94.4%	97.4%	95.0%	94.4%	90.5%
Vape	96.0%	97.8%	94.4%	96.2%	88.75%	72.2%	79.8%

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

Where Students Use Substances

	Year	Most Popular Place	2 nd Most Popular Place
Alcohol	2022	At a Friend's House	At Home
	2021	At a Friend's House	At Home
	2019	At a Friend's House	On School Grounds
Tobacco	2022	Outside	At a Friend's House
	2021	At a Friend's House	At Home
	2019	On School Grounds	At a Friend's House
Marijuana	2022	At a Friend's House	Outside
	2021	At a Friend's House	At Home
	2019	On School Grounds	At a Friend's House/In a Car
Rx Drugs	2022	At Home	Outside
	2021	At Home	In a Car
	2019	On School Grounds	At a Friend's House/In a Car
Vape	2022	At a Friend's House	At Home
	2021	At a Friend's House	At Home
	2019	On School Grounds	At a Friend's House



Self-Identifying Age of First Use (Mean)

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



NR vs. National Past 30-Day % Use

	National 8 th	N. Reading 8 th	National 10 th	N. Reading 10 th	National 12 th	N. Reading 12 th
Alcohol	7.3%	2.40%	13.1%	16.05%	25.8%	19.05%
Tobacco	9.4%	1.60%	15.7%	2.47%	24.6%	9.52%
Marijuana	4.1%	3.20%	10.1%	8.75%	19.5%	11.11%
Rx Drugs	Data Not Available	2.56%	Data Not Available	2.47%	2.1%	3.17%

National Institute on Drug Abuse “Monitoring the Future Study”
University of Michigan, 2021

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

NR vs. National Vape Past Use (%)

	National 8th	N. Reading 8 th	National 10 th	N. Reading 10 th	National 12 th	N. Reading 12 th
Vape Past 30 Days	8.9%	3.20%	15.6%	7.41%	24.0%	11.11%
Vape Nicotine	7.6%	6.35%	13.1%	7.41%	19.6%	19.05%
Vape Non-Nicotine	3.75%	2.44%	7.35%	6.41%	9.9%	11.29%
Vape Marijuana	2.9%	2.40%	8.4%	6.17%	12.4%	14.29%

National Institute on Drug Abuse “Monitoring the Future Study”
University of Michigan, 2021



Need Help?

Contact Laura Miranda

Substance Abuse/Mental Health Clinician

(978)357-5038

lmiranda@nrpd.org

