



North Reading
**COMMUNITY
IMPACT TEAM**

2020 Core Measurement Result Snapshot

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July, 2020

Sample Populations

	6 th	7 th	8 th	9 th	10 th	11 th	12 th
Participants	18	6	1	9	8	7	1
Confidence Level	95%	95%	95%	95%	95%	95%	95%
Margin of Error	22%	39%	98%	32%	34%	36%	98%



Student Past 30-Day Use

	Year	6 th	7 th	8 th	9 th	10 th	11 th	12 th
Alcohol	2020	0.0%	0.0%	0.0%	0.0%	37.5%	14.29%	0.0%
	2019	2.9%	2.9%	1.8%	9.0%	20.6%	23.2%	43.4%
	2018	6.3%	2.5%	7.1%	10.2%	20.9%	21.2%	43.0%
Tobacco	2020	5.6%	0.0%	0.0%	0.0%	14.3%	0.0%	0.0%
	2019	0.8%	2.1%	1.2%	3.6%	4.1%	2.8%	9.7%
	2018	4.8%	1.2%	3.4%	6.3%	4.6%	4.2%	8.7%
MJ	2020	0.0%	0.0%	0.0%	0.0%	12.5%	0.0%	0.0%
	2019	1.5%	2.2%	3.0%	6.0%	16.5%	16.2%	31.9%
	2018	5.5%	1.2%	3.4%	6.3%	16.2%	17.0%	23.5%
Rx Drugs	2020	0.0%	0.0%	0.0%	0.0%	12.5%	0.0%	0.0%
	2019	2.2%	2.2%	1.8%	1.8%	4.1%	1.4%	6.1%
	2018	6.2%	1.2%	1.1%	3.3%	4.6%	4.2%	8.7%



Vape Use

	Year	6 th	7 th	8 th	9 th	10 th	11 th	12 th
Past 30 days any product	2020	0.0%	0.0%	0.0%	0.0%	12.5%	14.3%	0.0%
	2019	0.7%	2.9%	5.4%	9.0%	21.2%	21.0%	25.4%
	2018	6.9%	2.5%	12.0%	15.7%	25.8%	22.0%	34.0%
Past Yr Vaped Nicotine	2020	0.0%	0.0%	0.0%	0.0%	25.0%	42.9%	0.0%
	2019	0.7%	2.9%	6.6%	13.9%	23.4%	29.8%	38.4%
	2018	1.4%	0.0%	5.4%	8.8%	13.6%	12.6%	20.2%
Past Yr Vaped Non Nicotine	2020	0.0%	0.0%	0.0%	0.0%	25.0%	14.3%	0.0%
	2019	0.0%	5.1%	2.5%	6.7%	15.6%	14.2%	26.6%
	2018	1.4%	1.2%	3.9%	2.4%	9.0%	4.2%	6.7%
Past Yr Vaped MJ	2020	0.0%	0.0%	0.0%	0.0%	25.0%	14.3%	0.0%
	2019	0.0%	1.5%	3.6%	6.0%	14.8%	23.2%	42.5%
	2018	0.7%	0%	0.6%	1.6%	3.8%	5.0%	4.8%



Student Perception of Risk or Harm

	Year	6 th	7 th	8 th	9 th	10 th	11 th	12 th
Alcohol	2020	94.4%	100%	0.0%	77.8%	100%	85.7%	100%
	2019	76.5%	55.8%	60.5%	82.0%	86.1%	73.4%	70.2%
	2018	75.9%	81.0%	86.9%	80.5%	76.5%	82.4%	64.4%
Tobacco	2020	100%	100%	100%	88.9%	100%	85.7%	100%
	2019	43.6%	51.5%	51.8%	76.9%	88.4%	79.0%	84.2%
	2018	80.1%	87.7%	79.2%	83.6%	88.0%	83.2%	91.3%
Marijuana	2020	94.4%	83.3%	0.0%	88.9%	100%	57.1%	100%
	2019	61.6%	62.0%	60.8%	65.9%	66.8%	51.4%	41.2%
	2018	82.1%	87.1%	82.4%	68.0%	58.6%	44.9%	48.1%
Rx Drugs	2020	100%	100%	100%	100%	100%	100%	100%
	2019	66.7%	69.8%	76.1%	92.2%	95.4%	90.1%	89.5%
	2018	84.0%	90.8%	92.4%	93.7%	94.0%	92.3%	89.4%



Student Perception of Risk or Harm

	Year	6 th	7 th	8 th	9 th	10 th	11 th	12 th
Vape Non-Nicotine	2020	94.4%	66.67%	100%	55.6%	100%	57.1%	100%
	2019	66.91%	66.18%	75.91%	51.81%	56.98%	59.75%	49.56%
Vape Nicotine	2020	100%	83.33%	100%	100%	100%	71.4%	100%
	2019	85.61%	78.83%	91.57%	79.39%	83.24%	80.28%	77.88%
Use CBD	2020	88.89%	66.67%	0.0%	88.9%	100%	42.9%	100%
	2019	82.68%	80.89%	85.54%	72.56%	69.59%	61.27%	49.09%

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



Student Perception of Parent Disapproval

	Year	6 th	7 th	8 th	9 th	10 th	11 th	12 th
Alcohol	2020	100%	100%	100%	88.9%	87.5%	7.14%	100%
	2019	91.%	88.9%	91.6%	83.8%	73.8%	61.2%	47.8%
	2018	92.7%	96.5%	98.1%	92.5%	93.3%	92.2%	83.9%
Tobacco	2020	100%	100%	100%	100%	100%	100%	100%
	2019	95.5%	94.2%	98.2%	94.0%	95.4%	95.0%	89.5%
	2018	98.7%	98.6%	100.0%	96.6%	96.6%	94.6%	88.3%
Marijuana	2020	100%	100%	100%	100%	100%	100%	100%
	2019	97.7%	92.5%	96.3%	94.5%	89.5%	86.0%	83.8%
	2018	98.7%	100.0%	97.5%	92.4%	91.5%	87.5%	78.1%
Rx Drugs	2020	100%	100%	100%	100%	100%	100%	100%
	2019	96.2%	93.4%	97.0%	98.2%	94.8%	95.0%	92.0%
	2018	98.7%	99.3%	100.0%	97.1%	97.6%	97.0%	93.4%



Student Perception of Peer Disapproval

	Year	6 th	7 th	8 th	9 th	10 th	11 th	12 th
Alcohol	2020	94.4%	83.3%	0.0%	66.7%	50.0%	42.9%	100%
Tobacco	2020	100%	100%	0.0%	77.8%	62.5%	71.4%	0.0%
Marijuana	2020	100%	100%	0.0%	88.9%	62.5%	57.1%	100%
Rx Drugs	2020	100%	100%	100%	88.9%	62.5%	85.7%	100%

% of students who perceive their parents feel that using the substance is wrong or very wrong



Self-Identifying Age of First Use (Mean)

	Alcohol	Tobacco	MJ	Rx drugs	Vape MJ	Vape Nicotine	Vape Non-Nicotine
2020	16* (15.88)	16	16* (15.75)	16* (15.75)	16* (15.75)	16* (15.75)	16* (15.75)
2019	15	17	16	15	15	15	15
2018	16	14	16	15	16	16	16



*Adjusted mean

Where Students Use Substances

	Year	Most Popular Place	2 nd Most Popular Place
Alcohol	2020	At a Friend's House	On School Grounds
	2019	At Home	--
Tobacco	2020	On School Grounds	At a Friend's House
	2019	At a Friend's House	At Home
Marijuana	2020	On School Grounds	At a Friend's House/In a Car
	2019	At a Friend's House	At Home
Rx Drugs	2020	On School Grounds	At a Friend's House/In a Car
	2019	At Home	At a Friend's House
Vape	2020	On School Grounds	At a Friend's House
	2019	At a Friend's House	In a Car



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	7.9%	0.0%	18.4%	37.5%	29.3%	0.0%
Tobacco*	2.3%	0.0%	3.4%	14.3%	5.7%	0.0%
Marijuana	6.6%	0.0%	18.4%	12.5%	22.3%	0.0%
Rx Drugs	No Data	0.0%	No Data	12.5%	3.6%	0.0%

National Institute on Drug Abuse “Monitoring the Future Study”
University of Michigan Year 2019



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

NR vs. National Vape Past Use (%)

	National 8 th	N. Reading 8 th	National 10 th	N. Reading 10 th	National 12 th	N. Reading 12 th
Vape Past 30 Days	12.2%	0.00%	25.0%	12.5%	30.9%	0.0%
Vape Nicotine	9.6%	0.00%	19.9%	12.5%	25.5%	0.0%
Vape Non-Nicotine	7.7%	0.00%	10.5%	12.5%	10.7%	0.0%
Vape Marijuana	3.9%	0.00%	12.6%	12.5%	14.0%	0.0%

National Institute on Drug Abuse “Monitoring the Future Study”
University of Michigan, Year 2019



2017-2020

