MetroWest Adolescent Health Survey **Key Indicator Report**

Informing data-driven school and community health policies and practices



Northborough, Southborough, 2021 Northborough, Southborough and Algonquin Regional







Education **Development**

Key Indicators from the 2021 MetroWest Adolescent Health Survey

Northborough and Southborough Public Schools

Background and Summary of Methodology

The MetroWest Adolescent Health Survey (MWHAS), an initiative of the MetroWest Health Foundation, has been monitoring trends in adolescent health and risk behaviors since 2006. The need for data to drive advancements in prevention efforts, programs, and policies has been made even more apparent during the COVID-19 pandemic. By providing timely, local data on pressing adolescent health issues, schools and communities are better equipped to understand and prioritize the challenges facing youth today. The MetroWest Health Foundation is deeply committed to supporting data-driven activities and strategies that can best support youth physical and mental wellbeing.

The 2021 survey is the 8th administration of the MWAHS, and the first online survey administration. While the survey was administered every other year from 2006 to 2018, there was a one-year delay in the administration of the most recent survey in the fall of 2021 due to the challenges of surveying youth during remote learning. In 2021, 39,346 middle and high school students in all 25 communities in the MetroWest region participated in the survey.

In Northborough and Southborough, the 2021 MWAHS was administered to middle school students in grades 6 through 8 and high school students in grades 9 through 12. As in previous survey waves, local procedures were followed to inform parents of the survey and give them the choice to opt out their child(ren). Students were also informed that their participation was voluntary and that no names or other identifying information were being gathered. Data collection at each school was guided by a protocol that protected the privacy of students' responses. In Northborough and Southborough, student surveys were obtained from 886 students in grades 6 through 8 (96.3% middle school participation rate) and 1,003 students in grades 9 through 12 (79.9% high school participation rate).

Inside the Key Indicator Report

This brief report provides 2021 data on key behavioral indicators including: substance use, violence, bullying, mental health, sexual behavior (at the high school level only), and physical activity. The tables in this *Phase One* report summarize the data as follows:

- » **Trends from 2006 to 2021.** These tables provide district-level data for each survey wave in which your district has participated since 2006 to examine changes in adolescent behaviors over time. *Please note: At the middle school level, trend data is restricted to 7th and 8th grades because 6th grade was not surveyed in all years.*
- » **2021 Behavioral Indicators by Sex.** These tables display data for females and males separately to examine behavioral patterns related to biological sex.
- » **2021 Behavioral Indicators by Grade.** These tables display data for each grade separately to provide information on age-related patterns and the initiation of risk behaviors.

This *Phase One* report provides initial data to support communities as they review priorities and develop action plans to improve adolescent health and wellness. As in past survey waves, a customized and comprehensive *Phase Two* report will be provided later in the spring of 2022 to further inform local efforts.

Middle School Key Indicators 2006-2021 Trends 2021 Patterns by Sex 2021 Patterns by Grade

Northborough and Southborough Middle Schools (Grades 7-8) 2006-2021 Trends in Key Indicators

	Year of Survey (%)							
	2006 2008 2010 2012 2014 2016 2018					2021		
	_	(727)	(707)	(732)	(718)	(721)	(634)	(609)
SUBSTANCE USE								
Lifetime cigarette smoking	-	9.8	3.4	7.0	3.7	2.8	2.2	2.1
Current cigarette smoking (past 30 days)	-	4.6	1.9	3.5	1.3	2.0	0.8	0.5
Lifetime electronic vapor product use*	_	-	-	-	4.5	5.4	9.3	4.5
Current electronic vapor product use (past 30 days)*	-	-	-	-	2.1	3.2	4.0	2.4
Lifetime alcohol use	_	18.5	10.2	13.7	10.5	10.1	9.7	11.9
Current alcohol use (past 30 days)	-	10.2	4.0	7.0	3.7	4.2	4.0	4.0
Binge drinking (past 30 days) [†]	_	4.2	0.6	1.8	1.3	1.1	0.6	0.5
Lifetime marijuana use	_	5.6	2.7	5.1	2.1	3.2	2.2	2.5
Current marijuana use (past 30 days)	_	4.6	1.4	2.8	1.0	2.2	1.3	0.9
Lifetime inhalant use	-	9.1	4.0	3.7	2.4	2.8	3.1	3.8
VIOLENCE								
Physical fighting (lifetime)	-	46.4	38.3	32.8	37.1	31.7	32.7	34.1
Physical fighting on school property (lifetime)	-	14.2	10.5	6.0	10.7	8.1	10.7	9.9
Carried a weapon (lifetime)	_	17.6	15.9	16.0	19.0	18.3	19.3	17.9
Carried a weapon on school property (lifetime)	-	3.2	1.0	1.2	1.4	1.0	0.9	1.5
BULLYING VICTIMIZATION								
Bullying victim (past 12 months)	_	50.8	43.7	38.5	35.6	28.2	26.3	35.9
Bullying victim on school property (past 12 months)	_	42.2	37.6	33.4	28.7	24.5	23.5	30.0
Cyberbullying victim (past 12 months)	_	15.8	17.4	16.1	22.6	19.7	16.5	26.2
MENTAL HEALTH								
Life "very" stressful (past 30 days)	_	15.0	14.7	12.3	15.4	13.7	20.2	19.6
Depressive symptoms (past 12 months)	-	16.1	12.3	11.7	15.2	9.7	14.2	21.1
Self-injury (past 12 months)	_	10.2	7.6	7.1	7.5	7.9	9.1	17.0
Considered suicide (lifetime)	-	11.8	10.7	10.4	11.6	10.4	13.5	19.8
Attempted suicide (lifetime)	-	2.1	2.7	2.6	3.0	1.8	2.3	6.5
PHYSICAL ACTIVITY AND BODY WEIGHT								
Exercised for ≥20 minutes on 3 or more days/week	-	79.8	75.1	81.8	80.4	80.7	78.1	76.4
Overweight or obese [‡]	_	19.1	17.9	14.6	17.8	18.3	14.4	20.0

^{*} Includes electronic cigarettes (e-cigarettes) like JUUL, Phix, Vuse, MarkTen, and blu, and other electronic vapor products, like vapes, vape pens, e-cigars, e-hookahs, hookah pens, and mods; in 2021, disposable products like Puff Bars, Stig, and Viigo were added to the definition.

[†] From 2006 to 2014, binge drinking was defined as 5 or more drinks in a row on one or more occasion for all students. Since 2016, binge drinking has been defined as 4 or more drinks in a row for females and 5 or more drinks in a row for males.

[‡] Students who were ≥85th percentile for body mass index by age and gender, based on reference data

Northborough and Southborough Middle Schools (Grades 6-8) 2021 Key Indicator Patterns by Sex

	Sex	(%)	Total (%)
	Female	Male	
	(436)	(442)	(886)
SUBSTANCE USE			
Lifetime cigarette smoking	2.1	1.4	1.8
Current cigarette smoking (past 30 days)	0.2	0.5	0.4
Lifetime electronic vapor product use*	4.3	2.6	3.5
Current electronic vapor product use (past 30 days)*	2.1	1.2	1.8
Lifetime alcohol use	9.8	11.6	10.8
Current alcohol use (past 30 days)	3.1	3.4	3.2
Binge drinking (past 30 days) [†]	0.5	0.2	0.4
Lifetime marijuana use	1.7	2.0	1.8
Current marijuana use (past 30 days)	0.5	0.7	0.6
Lifetime inhalant use	4.9	2.5	3.8
VIOLENCE			
Physical fighting (lifetime)	21.7	47.4	34.5
Physical fighting on school property (lifetime)	4.7	17.4	11.2
Carried a weapon (lifetime)	12.1	22.4	17.2
Carried a weapon on school property (lifetime)	1.4	1.2	1.3
BULLYING VICTIMIZATION			
Bullying victim (past 12 months)	39.9	28.0	34.0
Bullying victim on school property (past 12 months)	33.5	23.4	28.6
Cyberbullying victim (past 12 months)	29.3	19.1	24.3
MENTAL HEALTH			
Life "very" stressful (past 30 days)	24.7	11.3	18.4
Depressive symptoms (past 12 months)	26.3	11.1	18.9
Self-injury (past 12 months)	20.5	8.9	14.8
Considered suicide (lifetime)	24.2	10.8	17.5
Attempted suicide (lifetime)	9.5	1.6	5.7
PHYSICAL ACTIVITY AND BODY WEIGHT			
Exercised for ≥20 minutes on 3 or more days/week	70.0	85.0	77.0
Overweight or obese [‡]	18.9	22.6	20.7

^{*} Includes electronic cigarettes (e-cigarettes) like JUUL, Phix, Vuse, MarkTen, and blu, and other electronic vapor products, like vapes, vape pens, e-cigars, e-hookahs, hookah pens, and mods; in 2021, disposable products like Puff Bars, Stig, and Viigo were added to the definition.

[†] From 2006 to 2014, binge drinking was defined as 5 or more drinks in a row on one or more occasion for all students. Since 2016, binge drinking has been defined as 4 or more drinks in a row for females and 5 or more drinks in a row for males.

[‡] Students who were ≥85th percentile for body mass index by age and gender, based on reference data

Northborough and Southborough Middle Schools (Grades 6-8) 2021 Key Indicator Patterns by Grade

		Total (%)		
	6 th	7 th	8 th	
	(277)	(309)	(300)	(886)
SUBSTANCE USE				
Lifetime cigarette smoking	1.1	0.7	3.4	1.8
Current cigarette smoking (past 30 days)	0.0	0.3	0.7	0.4
Lifetime electronic vapor product use*	1.5	3.1	5.8	3.5
Current electronic vapor product use (past 30 days)*	0.4	1.4	3.4	1.8
Lifetime alcohol use	8.6	7.8	15.9	10.8
Current alcohol use (past 30 days)	1.5	1.4	6.6	3.2
Binge drinking (past 30 days) [†]	0.0	0.0	1.0	0.4
Lifetime marijuana use	0.4	1.1	3.8	1.8
Current marijuana use (past 30 days)	0.0	0.4	1.4	0.6
Lifetime inhalant use	4.0	4.0	3.5	3.8
VIOLENCE				
Physical fighting (lifetime)	35.3	32.8	35.5	34.5
Physical fighting on school property (lifetime)	14.0	9.7	10.2	11.2
Carried a weapon (lifetime)	15.8	15.5	20.1	17.2
Carried a weapon on school property (lifetime)	0.7	0.3	2.7	1.3
BULLYING VICTIMIZATION				
Bullying victim (past 12 months)	29.9	32.2	39.6	34.0
Bullying victim on school property (past 12 months)	25.5	27.2	32.8	28.6
Cyberbullying victim (past 12 months)	20.2	21.7	30.6	24.3
MENTAL HEALTH				
Life "very" stressful (past 30 days)	15.7	13.3	25.4	18.4
Depressive symptoms (past 12 months)	14.2	17.2	24.9	18.9
Self-injury (past 12 months)	10.2	14.5	19.4	14.8
Considered suicide (lifetime)	12.8	18.3	21.2	17.5
Attempted suicide (lifetime)	3.9	5.1	7.8	5.7
PHYSICAL ACTIVITY AND BODY WEIGHT				
Exercised for ≥20 minutes on 3 or more days/week	78.4	79.9	73.4	77.0
Overweight or obese [‡]	22.7	22.5	17.9	20.7

^{*} Includes electronic cigarettes (e-cigarettes) like JUUL, Phix, Vuse, MarkTen, and blu, and other electronic vapor products, like vapes, vape pens, e-cigars, e-hookahs, hookah pens, and mods; in 2021, disposable products like Puff Bars, Stig, and Viigo were added to the definition.

[†] From 2006 to 2014, binge drinking was defined as 5 or more drinks in a row on one or more occasion for all students. Since 2016, binge drinking has been defined as 4 or more drinks in a row for females and 5 or more drinks in a row for males.

[‡] Students who were ≥85th percentile for body mass index by age and gender, based on reference data

High School Key Indicators 2006-2021 Trends 2021 Patterns by Sex 2021 Patterns by Grade

Algonquin Regional High School (Grades 9-12) 2006-2021 Trends in Key Indicators

		Year of Survey (%)						
	2006 2008 2010 2012 2014 2016 2018 2021						2021	
	_	_	(1,332)	(1,377)	(1,296)	(1,308)	(1,337)	(1,003)
SUBSTANCE USE								
Lifetime cigarette smoking	_	_	19.4	19.1	15.1	11.3	11.9	8.4
Current cigarette smoking (past 30 days)	-	-	8.1	8.0	6.8	4.6	2.8	2.4
Lifetime electronic vapor product use*	_	_	_	_	29.6	26.4	43.4	24.0
Current electronic vapor product use (past 30 days)*	-	-	-	-	16.5	14.6	31.5	13.9
Lifetime alcohol use	_	_	52.7	58.1	52.7	56.4	54.8	48.7
Current alcohol use (past 30 days)	-	-	31.2	38.2	31.9	37.5	32.7	30.8
Binge drinking (past 30 days) [†]	_	-	17.3	23.1	18.1	19.9	19.0	18.0
Rode with driver who had been drinking (past 30 days)) –	-	16.9	17.7	14.7	14.8	13.0	11.1
Lifetime marijuana use	_	-	28.0	33.4	29.7	33.0	35.0	23.6
Current marijuana use (past 30 days)	-	-	19.8	23.8	19.1	25.5	24.3	15.4
Lifetime prescription drug misuse [‡]	_	-	10.3	11.8	6.9	6.1	6.4	5.7
VIOLENCE								
Physical fighting (past 12 months)	-	-	20.0	17.2	11.3	12.3	14.4	11.6
Physical fighting on school property (past 12 months)	-	-	5.8	5.5	3.3	3.1	4.1	2.7
Carried a weapon (past 30 days)	_	_	5.2	5.6	5.3	6.8	5.6	3.2
Carried a weapon on school property (past 30 days)	-	-	2.0	1.9	1.2	1.3	1.1	0.6
BULLYING VICTIMIZATION								
Bullying victim (past 12 months)	_	_	34.9	27.8	24.3	22.8	23.5	21.7
Bullying victim on school property (past 12 months)	_	-	30.6	23.8	20.7	19.2	20.7	17.3
Cyberbullying victim (past 12 months)	_	-	19.2	22.2	21.2	20.2	18.3	20.4
MENTAL HEALTH								
Life "very" stressful (past 30 days)	_	_	25.8	26.6	35.0	33.9	39.3	37.5
Depressive symptoms (past 12 months)	_	-	18.1	18.2	18.8	17.6	20.6	26.7
Self-injury (past 12 months)	_	_	14.2	14.3	13.8	13.3	14.8	20.8
Considered suicide (past 12 months)	_	-	10.3	11.9	9.7	12.8	14.7	18.2
Attempted suicide (past 12 months)	_	-	3.1	4.3	3.1	3.4	4.6	5.2
SEXUAL BEHAVIOR								
Lifetime sexual intercourse	_	_	21.4	24.7	22.4	20.3	21.4	18.4
Currently sexually active (past 3 months)	-	-	15.5	20.0	17.8	15.7	18.0	14.9
Condom use at last intercourse§	_	_	64.9	69.8	68.8	64.0	58.3	59.4
PHYSICAL ACTIVITY AND BODY WEIGHT								
PHISICAL ACTIVITY AND BODY WEIGHT								
Exercised for ≥60 minutes on 5 or more days/week	_	-	40.8	46.1	46.7	47.4	51.6	52.5

^{*} Includes electronic cigarettes (e-cigarettes) like JUUL, Phix, Vuse, MarkTen, and blu, and other electronic vapor products, like vapes, vape pens, e-cigars, e-hookahs, hookah pens, and mods; in 2021, disposable products like Puff Bars, Stig, and Viigo were added to the definition.

[†] From 2006 to 2014, binge drinking was defined as 5 or more drinks in a row on one or more occasion for all students. Since 2016, binge drinking has been defined as 4 or more drinks in a row for females and 5 or more drinks in a row for males.

[‡] Without a doctor's prescription; in 2021, added "or differently than how a doctor told you to use it"

[§] Among currently sexually active youth

**Students who were ≥85th percentile for body mass index by age and gender, based on reference data

Algonquin Regional High School (Grades 9-12) 2021 Key Indicator Patterns by Sex

Female (518) Male (1,003)		Sex	<u> </u>	Total (%)		
Lifetime cigarette smoking (past 30 days) 2.3 2.5 2.4 Lifetime electronic vapor product use* 26.0 21.9 24.0 Current electronic vapor product use (past 30 days)* 15.4 12.3 13.9 Lifetime alcohol use (past 30 days)* 35.2 26.1 30.8 Binge drinking (past 30 days)* 21.2 14.7 18.0 Rode with driver who had been drinking (past 30 days) 12.2 9.9 11.1 Lifetime marijuana use 25.6 21.4 23.6 Current marijuana use (past 30 days) 14.3 16.7 15.4 Lifetime prescription drug misuse* 6.3 5.0 5.7 VIOLENCE Physical fighting (past 12 months) 6.0 17.6 11.6 Physical fighting (past 30 days) 1.9 4.6 3.2 Carried a weapon (past 30 days) 1.9 4.6 3.2 Carried a weapon on school property (past 12 months) 1.9 4.6 3.2 Carried a weapon on school property (past 30 days) 1.9 4.6 3		Female	Male			
Lifetime cigarette smoking (past 30 days) 2.3 2.5 2.4 Lifetime electronic vapor product use* 26.0 21.9 24.0 Current electronic vapor product use (past 30 days)* 15.4 12.3 13.9 Lifetime alcohol use (past 30 days)* 35.2 26.1 30.8 Binge drinking (past 30 days)* 21.2 14.7 18.0 Rode with driver who had been drinking (past 30 days) 12.2 9.9 11.1 Lifetime marijuana use 25.6 21.4 23.6 Current marijuana use (past 30 days) 14.3 16.7 15.4 Lifetime prescription drug misuse* 6.3 5.0 5.7 VIOLENCE Physical fighting (past 12 months) 6.0 17.6 11.6 Physical fighting (past 30 days) 1.9 4.6 3.2 Carried a weapon (past 30 days) 2.7 Carried a weapon on school property (past 12 months) 1.9 4.6 3.2 Carried a weapon on school property (past 30 days) 24.1 19.2 21.7 Bullying victim (past 12 months) 24.1 19.2 21.7 Bullying victim (past 12 months) 23.3 17.4 20.4 MENTAL HEALTH Life "very" stressful (past 30 days) 48.8 25.0 37.5 Depressive symptoms (past 12 months) 27.8 13.0 20.8 Considered suicide (past 12 months) 3.5 2.0 SEXUAL BEHAVIOR Lifetime sexual intercourse 16.6 20.4 18.4 Currently sexually active (past 3 months) 13.4 16.6 14.9 Condom use at last intercourse 5 5.0 67.1 59.4 PHYSICAL ACTIVITY AND BODDY WEIGHT Exercised for ≥60 minutes on 5 or more days/week 43.2 63.0 52.5		(518)	(482)	(1,003)		
Current cigarette smoking (past 30 days) Lifetime electronic vapor product use* 26.0 21.9 24.0 Current electronic vapor product use (past 30 days)* Lifetime alectronic vapor product use (past 30 days)* Lifetime alcohol use 53.2 44.1 48.7 Current alcohol use (past 30 days) 35.2 26.1 30.8 Binge drinking (past 30 days) Rode with driver who had been drinking (past 30 days) Lifetime marijuana use 25.6 21.4 23.6 Current marijuana use (past 30 days) Lifetime prescription drug misuse* 6.3 5.0 5.7 VIOLENCE Physical fighting (past 12 months) Carried a weapon (past 30 days) Bullying victim (past 12 months) Bullying victim (past 12 months) Bullying victim (past 12 months) Cyberbullying victim (past 12 months) Considered suicide (past 12 months) Considered suicide (past 12 months) Considered suicide (past 12 months) Lifetime sexual intercourse Lifetime sexual intercourse 16.6 20.4 18.4 Currently sexually active (past 3 months) Condom use at last intercourse 50.7 67.1 59.4 PHYSICAL ACTIVITY AND BODY WEIGHT Exercised for ≥60 minutes on 5 or more days/week 43.2 63.0 55.5	SUBSTANCE USE					
Lifetime electronic vapor product use* Current electronic vapor product use (past 30 days)* Lifetime alcohol use 53.2 44.1 48.7 Current alcohol use (past 30 days) Binge drinking (past 30 days) Rode with driver who had been drinking (past 30 days) Lifetime marijuana use Current marijuana use (past 30 days) Lifetime marijuana use (past 30 days) Lifetime prescription drug misuse Physical fighting (past 12 months) Physical fighting (past 12 months) Carried a weapon (past 30 days) Bullying victim (past 12 months) Carried a weapon on school property (past 30 days) Bullying victim (past 12 months) Cyberbullying victim (past 12 months) Depressive symptoms (past 12 months) Depressive symptoms (past 12 months) Considered suicide (past 12 months) Considered suicide (past 12 months) Considered suicide (past 12 months) Lifetime sexual intercourse Currently sexually active (past 3 months) Lifetime sexual intercourse Currently sexually active (past 3 months) Lifetime sexual intercourse 52.6 21.4 23.6 24.1 25.0 21.7 21.7 24.1 25.7 26.7 26.7 27.7 28.2 29.9 11.1 11.6 27.8 28.7 27.7 28.7 27.7 28.7 28.7 29.9 10.1 10.6 11.6 11.6 11.6 11.6 11.6 12.9 12.9 12.9 12.9 13.9 13.0 13.4 14.6 14.9 14	Lifetime cigarette smoking	9.7	6.9	8.4		
Current electronic vapor product use (past 30 days)* Lifetime alcohol use Lifetime alcohol use S3.2 44.1 48.7 Current alcohol use (past 30 days) 35.2 26.1 30.8 Binge drinking (past 30 days) 21.2 14.7 18.0 Rode with driver who had been drinking (past 30 days) 12.2 9.9 11.1 Lifetime marijuana use 25.6 21.4 23.6 Current marijuana use (past 30 days) 14.3 16.7 15.4 Lifetime prescription drug misuse 6.3 5.0 5.7 VIOLENCE Physical fighting (past 12 months) 6.0 17.6 11.6 Physical fighting (past 12 months) 0.4 5.3 2.7 Carried a weapon (past 30 days) 1.9 4.6 3.2 Carried a weapon (past 30 days) 1.9 4.6 3.2 Carried a weapon on school property (past 12 months) 0.4 5.3 2.7 Carried a weapon (past 30 days) 1.9 4.6 3.2 Carried a weapon on school property (past 30 days) 0.2 1.1 0.6 BULLYING VICTIMIZATION Bullying victim (past 12 months) 17.3 17.3 17.3 17.3 Cyberbullying victim (past 12 months) 23.3 17.4 20.4 MENTAL HEALTH Life "very" "stressful (past 30 days) 48.8 25.0 37.5 Depressive symptoms (past 12 months) 27.8 13.0 20.8 Considered suicide (past 12 months) 23.2 12.7 18.2 Attempted suicide (past 12 months) 6.9 3.3 5.2 SEXUAL BEHAVIOR Lifetime sexual intercourse 16.6 20.4 18.4 Currently sexually active (past 3 months) 13.4 16.6 14.9 Condom use at last intercourse 5 50.7 67.1 59.4 PHYSICAL ACTIVITY AND BODY WEIGHT Exercised for ≥60 minutes on 5 or more days/week 43.2 63.0 52.5	Current cigarette smoking (past 30 days)	2.3	2.5	2.4		
Lifetime alcohol use (past 30 days) 35.2 26.1 30.8 Binge drinking (past 30 days) 21.2 14.7 18.0 Rode with driver who had been drinking (past 30 days) 12.2 9.9 11.1 Lifetime marijuana use 25.6 21.4 23.6 Current marijuana use (past 30 days) 14.3 16.7 15.4 Lifetime prescription drug misuse 6.3 5.0 5.7 VIOLENCE Physical fighting (past 12 months) 6.0 17.6 11.6 Physical fighting on school property (past 12 months) 0.4 5.3 2.7 Carried a weapon (past 30 days) 1.9 4.6 3.2 Carried a weapon on school property (past 30 days) 0.2 1.1 0.6 BULLYING VICTIMIZATION Bullying victim (past 12 months) 24.1 19.2 21.7 Bullying victim (past 12 months) 23.3 17.4 20.4 MENTAL HEALTH Life "very" stressful (past 30 days) 48.8 25.0 37.5 Depressive symptoms (past 12 months) 35.6 17.0 26.7 Self-injury (past 12 months) 35.6 17.0 26.7 Self-injury (past 12 months) 27.8 13.0 20.8 Considered suicide (past 12 months) 23.2 12.7 18.2 Attempted suicide (past 12 months) 13.4 16.6 20.4 18.4 Considered suicide (past 12 months) 13.4 16.6 14.9 Condom use at last intercourse 5 50.7 67.1 59.4 PHYSICAL ACTIVITY AND BODY WEIGHT Exercised for ≥60 minutes on 5 or more days/week 43.2 63.0 52.5	Lifetime electronic vapor product use*	26.0	21.9	24.0		
Current alcohol use (past 30 days) Binge drinking (past 30 days) [†] Rode with driver who had been drinking (past 30 days) 12.2 9.9 11.1 Lifetime marijuana use 25.6 21.4 23.6 Current marijuana use (past 30 days) 14.3 16.7 15.4 Lifetime prescription drug misuse [†] 6.3 5.0 5.7 VIOLENCE Physical fighting (past 12 months) Physical fighting on school property (past 12 months) Carried a weapon (past 30 days) 1.9 4.6 3.2 Carried a weapon (past 30 days) 1.9 4.6 3.2 Carried a weapon on school property (past 30 days) Bullying victim (past 12 months) Pullying victim (past 12 months) 24.1 Bullying victim (past 12 months) Cyberbullying victim (past 12 months) 23.3 17.4 20.4 MENTAL HEALTH Life "very" stressful (past 30 days) Ass.e Self-injury (past 12 months) 27.8 Attempted suicide (past 12 months) 27.8 Attempted suicide (past 12 months) 28.2 SEXUAL BEHANIOR Lifetime sexual intercourse 50.7 50	Current electronic vapor product use (past 30 days)*	15.4	12.3	13.9		
Binge drinking (past 30 days)	Lifetime alcohol use	53.2	44.1	48.7		
Rode with driver who had been drinking (past 30 days) Lifetime marijuana use 25.6 21.4 23.6 Current marijuana use (past 30 days) Lifetime prescription drug misuse 6.3 5.0 5.7 VIOLENCE Physical fighting (past 12 months) Physical fighting on school property (past 12 months) Carried a weapon (past 30 days) Lifetime was awapon on school property (past 30 days) Bullying victim (past 12 months) Bullying victim (past 12 months) Bullying victim (past 12 months) Life "very" stressful (past 12 months) Depressive symptoms (past 12 months) Considered suicide (past 12 months) Considered suicide (past 12 months) Condom use at last intercourse 50.7 Exercised for ≥60 minutes on 5 or more days/week 43.2 63.0 12.2 21.4 23.6 21.4 23.6 24.1 25.0 26.7 26.7 26.7 26.7 27.8 18.0 28.2 29.9 11.1 14.3 15.4 15.5 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15.5 15.6 17.1 17.3 1	Current alcohol use (past 30 days)	35.2	26.1	30.8		
Lifetime marijuana use (past 30 days) 14.3 16.7 15.4 Lifetime prescription drug misuse	Binge drinking (past 30 days) †	21.2	14.7	18.0		
Current marijuana use (past 30 days) 14.3 16.7 15.4 Lifetime prescription drug misuse [‡] 6.3 5.0 5.7 VIOLENCE Physical fighting (past 12 months) 6.0 17.6 11.6 Physical fighting on school property (past 12 months) 0.4 5.3 2.7 Carried a weapon (past 30 days) 1.9 4.6 3.2 Carried a weapon on school property (past 30 days) 0.2 1.1 0.6 BULLYING VICTIMIZATION Bullying victim (past 12 months) 24.1 19.2 21.7 Bullying victim on school property (past 12 months) 17.3 17.3 17.3 Cyberbullying victim (past 12 months) 23.3 17.4 20.4 MENTAL HEALTH Life "very" stressful (past 30 days) 48.8 25.0 37.5 Depressive symptoms (past 12 months) 35.6 17.0 26.7 Self-injury (past 12 months) 27.8 13.0 20.8 Considered suicide (past 12 months) 23.2 12.7 18.2 Attempted suicide (past 12 months) 6.9 3.3 5.2 SEXUAL BEHAVIOR Lifetime sexual intercourse 16.6 20.4 18.4 Currently sexually active (past 3 months) 13.4 16.6 14.9 Condom use at last intercourse 5 50.7 67.1 59.4 PHYSICAL ACTIVITY AND BODY WEIGHT Exercised for ≥60 minutes on 5 or more days/week 43.2 63.0 52.5	Rode with driver who had been drinking (past 30 days)	12.2	9.9	11.1		
Lifetime prescription drug misuse Note	Lifetime marijuana use	25.6	21.4	23.6		
VIOLENCE Physical fighting (past 12 months) 6.0 17.6 11.6 Physical fighting on school property (past 12 months) 0.4 5.3 2.7 Carried a weapon (past 30 days) 1.9 4.6 3.2 Carried a weapon on school property (past 30 days) 0.2 1.1 0.6 BULLYING VICTIMIZATION Bullying victim (past 12 months) 24.1 19.2 21.7 Bullying victim (past 12 months) 17.3 17.3 17.3 Cyberbullying victim (past 12 months) 23.3 17.4 20.4 MENTAL HEALTH Life "very" stressful (past 30 days) 48.8 25.0 37.5 Depressive symptoms (past 12 months) 35.6 17.0 26.7 Self-injury (past 12 months) 27.8 13.0 20.8 Considered suicide (past 12 months) 23.2 12.7 18.2 Attempted suicide (past 12 months) 6.9 3.3 5.2 SEXUAL BEHAVIOR Lifetime sexual intercourse 16.6 20.4 18.4 Currently sexually active (past 3 months) 13.4	Current marijuana use (past 30 days)	14.3	16.7	15.4		
Physical fighting (past 12 months) 6.0 17.6 11.6 Physical fighting on school property (past 12 months) 0.4 5.3 2.7 Carried a weapon (past 30 days) 1.9 4.6 3.2 Carried a weapon on school property (past 30 days) 0.2 1.1 0.6 BULLYING VICTIMIZATION Bullying victim (past 12 months) 24.1 19.2 21.7 Bullying victim (past 12 months) 17.3 17.3 17.3 Cyberbullying victim (past 12 months) 23.3 17.4 20.4 MENTAL HEALTH Life "very" stressful (past 30 days) 48.8 25.0 37.5 Depressive symptoms (past 12 months) 35.6 17.0 26.7 Self-injury (past 12 months) 27.8 13.0 20.8 Considered suicide (past 12 months) 23.2 12.7 18.2 Attempted suicide (past 12 months) 6.9 3.3 5.2 SEXUAL BEHAVIOR Lifetime sexual intercourse 16.6 20.4 18.4 Currently sexually active (past 3 months) 13.4 16.6 14.9 <td< td=""><td>Lifetime prescription drug misuse[‡]</td><td>6.3</td><td>5.0</td><td>5.7</td></td<>	Lifetime prescription drug misuse [‡]	6.3	5.0	5.7		
Physical fighting on school property (past 12 months) Carried a weapon (past 30 days) 1.9 4.6 3.2 Carried a weapon on school property (past 30 days) 0.2 1.1 0.6 BULLYING VICTIMIZATION Bullying victim (past 12 months) Bullying victim on school property (past 12 months) Cyberbullying victim (past 12 months) 17.3 17.3 17.3 17.3 17.3 17.3 17.3 17.3 17.3	VIOLENCE					
Carried a weapon (past 30 days) 1.9 4.6 3.2 Carried a weapon on school property (past 30 days) 0.2 1.1 0.6 BULLYING VICTIMIZATION Bullying victim (past 12 months) 24.1 19.2 21.7 Bullying victim on school property (past 12 months) 17.3 17.3 17.3 Cyberbullying victim (past 12 months) 23.3 17.4 20.4 MENTAL HEALTH Life "very" stressful (past 30 days) 48.8 25.0 37.5 Depressive symptoms (past 12 months) 35.6 17.0 26.7 Self-injury (past 12 months) 27.8 13.0 20.8 Considered suicide (past 12 months) 23.2 12.7 18.2 Attempted suicide (past 12 months) 6.9 3.3 5.2 SEXUAL BEHAVIOR Lifetime sexual intercourse 16.6 20.4 18.4 Currently sexually active (past 3 months) 13.4 16.6 14.9 Condom use at last intercourse for 260 minutes on 5 or more days/week 43.2 63.0 52.5	Physical fighting (past 12 months)	6.0	17.6	11.6		
Carried a weapon on school property (past 30 days) 0.2 1.1 0.6 BULLYING VICTIMIZATION Bullying victim (past 12 months) 24.1 19.2 21.7 Bullying victim on school property (past 12 months) 17.3 17.3 17.3 Cyberbullying victim (past 12 months) 23.3 17.4 20.4 MENTAL HEALTH Life "very" stressful (past 30 days) 48.8 25.0 37.5 Depressive symptoms (past 12 months) 35.6 17.0 26.7 Self-injury (past 12 months) 27.8 13.0 20.8 Considered suicide (past 12 months) 23.2 12.7 18.2 Attempted suicide (past 12 months) 6.9 3.3 5.2 SEXUAL BEHAVIOR Lifetime sexual intercourse 16.6 20.4 18.4 Currently sexually active (past 3 months) 13.4 16.6 14.9 Condom use at last intercourse sexification (past 12 months) 50.7 67.1 59.4 PHYSICAL ACTIVITY AND BODY WEIGHT Exercised for ≥60 minutes on 5 or more days/week 43.2 63.0 52.5 <td>Physical fighting on school property (past 12 months)</td> <td>0.4</td> <td>5.3</td> <td>2.7</td>	Physical fighting on school property (past 12 months)	0.4	5.3	2.7		
Bullying victim (past 12 months) 24.1 19.2 21.7 Bullying victim on school property (past 12 months) 17.3 17.3 17.3 Cyberbullying victim (past 12 months) 23.3 17.4 20.4 MENTAL HEALTH Life "very" stressful (past 30 days) 48.8 25.0 37.5 Depressive symptoms (past 12 months) 35.6 17.0 26.7 Self-injury (past 12 months) 27.8 13.0 20.8 Considered suicide (past 12 months) 23.2 12.7 18.2 Attempted suicide (past 12 months) 6.9 3.3 5.2 SEXUAL BEHAVIOR Lifetime sexual intercourse 16.6 20.4 18.4 Currently sexually active (past 3 months) 13.4 16.6 14.9 Condom use at last intercourse 5 50.7 67.1 59.4 PHYSICAL ACTIVITY AND BODY WEIGHT Exercised for ≥60 minutes on 5 or more days/week 43.2 63.0 52.5	Carried a weapon (past 30 days)	1.9	4.6	3.2		
Bullying victim (past 12 months) 24.1 19.2 21.7 Bullying victim on school property (past 12 months) 17.3 17.3 17.3 Cyberbullying victim (past 12 months) 23.3 17.4 20.4 MENTAL HEALTH Life "very" stressful (past 30 days) 48.8 25.0 37.5 Depressive symptoms (past 12 months) 35.6 17.0 26.7 Self-injury (past 12 months) 27.8 13.0 20.8 Considered suicide (past 12 months) 23.2 12.7 18.2 Attempted suicide (past 12 months) 6.9 3.3 5.2 SEXUAL BEHAVIOR Lifetime sexual intercourse 16.6 20.4 18.4 Currently sexually active (past 3 months) 13.4 16.6 14.9 Condom use at last intercourse [§] 50.7 67.1 59.4 PHYSICAL ACTIVITY AND BODY WEIGHT Exercised for ≥60 minutes on 5 or more days/week 43.2 63.0 52.5	Carried a weapon on school property (past 30 days)	0.2	1.1	0.6		
Bullying victim on school property (past 12 months) 17.3 17.3 17.3 Cyberbullying victim (past 12 months) 23.3 17.4 20.4 MENTAL HEALTH Life "very" stressful (past 30 days) 48.8 25.0 37.5 Depressive symptoms (past 12 months) 35.6 17.0 26.7 Self-injury (past 12 months) 27.8 13.0 20.8 Considered suicide (past 12 months) 23.2 12.7 18.2 Attempted suicide (past 12 months) 6.9 3.3 5.2 SEXUAL BEHAVIOR Lifetime sexual intercourse 16.6 20.4 18.4 Currently sexually active (past 3 months) 13.4 16.6 14.9 Condom use at last intercourse for the course for the c	BULLYING VICTIMIZATION					
Cyberbullying victim (past 12 months) 23.3 17.4 20.4 MENTAL HEALTH Life "very" stressful (past 30 days) 48.8 25.0 37.5 Depressive symptoms (past 12 months) 35.6 17.0 26.7 Self-injury (past 12 months) 27.8 13.0 20.8 Considered suicide (past 12 months) 23.2 12.7 18.2 Attempted suicide (past 12 months) 6.9 3.3 5.2 SEXUAL BEHAVIOR Lifetime sexual intercourse 16.6 20.4 18.4 Currently sexually active (past 3 months) 13.4 16.6 14.9 Condom use at last intercourse [§] 50.7 67.1 59.4 PHYSICAL ACTIVITY AND BODY WEIGHT Exercised for ≥60 minutes on 5 or more days/week 43.2 63.0 52.5	Bullying victim (past 12 months)	24.1	19.2	21.7		
MENTAL HEALTH Life "very" stressful (past 30 days) 48.8 25.0 37.5 Depressive symptoms (past 12 months) 35.6 17.0 26.7 Self-injury (past 12 months) 27.8 13.0 20.8 Considered suicide (past 12 months) 23.2 12.7 18.2 Attempted suicide (past 12 months) 6.9 3.3 5.2 SEXUAL BEHAVIOR Lifetime sexual intercourse 16.6 20.4 18.4 Currently sexually active (past 3 months) 13.4 16.6 14.9 Condom use at last intercourse (past 3 months) 50.7 67.1 59.4 PHYSICAL ACTIVITY AND BODY WEIGHT Exercised for ≥60 minutes on 5 or more days/week 43.2 63.0 52.5	Bullying victim on school property (past 12 months)	17.3	17.3	17.3		
Life "very" stressful (past 30 days) 48.8 25.0 37.5 Depressive symptoms (past 12 months) 35.6 17.0 26.7 Self-injury (past 12 months) 27.8 13.0 20.8 Considered suicide (past 12 months) 23.2 12.7 18.2 Attempted suicide (past 12 months) 6.9 3.3 5.2 SEXUAL BEHAVIOR Lifetime sexual intercourse 16.6 20.4 18.4 Currently sexually active (past 3 months) 13.4 16.6 14.9 Condom use at last intercourse [§] 50.7 67.1 59.4 PHYSICAL ACTIVITY AND BODY WEIGHT Exercised for ≥60 minutes on 5 or more days/week 43.2 63.0 52.5	Cyberbullying victim (past 12 months)	23.3	17.4	20.4		
Depressive symptoms (past 12 months)35.617.026.7Self-injury (past 12 months)27.813.020.8Considered suicide (past 12 months)23.212.718.2Attempted suicide (past 12 months)6.93.35.2SEXUAL BEHAVIORLifetime sexual intercourse16.620.418.4Currently sexually active (past 3 months)13.416.614.9Condom use at last intercourse (past 3 months)50.767.159.4PHYSICAL ACTIVITY AND BODY WEIGHTExercised for ≥60 minutes on 5 or more days/week43.263.052.5	MENTAL HEALTH					
Self-injury (past 12 months)27.813.020.8Considered suicide (past 12 months)23.212.718.2Attempted suicide (past 12 months)6.93.35.2SEXUAL BEHAVIORLifetime sexual intercourse16.620.418.4Currently sexually active (past 3 months)13.416.614.9Condom use at last intercourse \S 50.767.159.4PHYSICAL ACTIVITY AND BODY WEIGHTExercised for ≥60 minutes on 5 or more days/week43.263.052.5	Life "very" stressful (past 30 days)	48.8	25.0	37.5		
Considered suicide (past 12 months) Attempted suicide (past 12 months) 5.2 SEXUAL BEHAVIOR Lifetime sexual intercourse 16.6 Currently sexually active (past 3 months) Condom use at last intercourse 50.7 Condom use at last intercourse Exercised for ≥60 minutes on 5 or more days/week 12.7 18.2 18.2 18.2 18.2 5.2 18.4 18.4 18.4 18.4 18.4 18.4 18.4 18.4 18.4 18.4 18.4 18.4 18.5 18.5 18.2 18.4 1	Depressive symptoms (past 12 months)	35.6	17.0	26.7		
Attempted suicide (past 12 months) 6.9 3.3 5.2 SEXUAL BEHAVIOR Lifetime sexual intercourse 16.6 20.4 18.4 Currently sexually active (past 3 months) 13.4 16.6 14.9 Condom use at last intercourse 5 50.7 67.1 59.4 PHYSICAL ACTIVITY AND BODY WEIGHT Exercised for ≥60 minutes on 5 or more days/week 43.2 63.0 52.5	Self-injury (past 12 months)	27.8	13.0	20.8		
SEXUAL BEHAVIORLifetime sexual intercourse16.620.418.4Currently sexually active (past 3 months)13.416.614.9Condom use at last intercourse \$50.767.159.4PHYSICAL ACTIVITY AND BODY WEIGHTExercised for ≥60 minutes on 5 or more days/week43.263.052.5	Considered suicide (past 12 months)	23.2	12.7	18.2		
Lifetime sexual intercourse 16.6 20.4 18.4 Currently sexually active (past 3 months) 13.4 16.6 14.9 Condom use at last intercourse 5 50.7 67.1 59.4 PHYSICAL ACTIVITY AND BODY WEIGHT Exercised for ≥60 minutes on 5 or more days/week 43.2 63.0 52.5	Attempted suicide (past 12 months)	6.9	3.3	5.2		
Currently sexually active (past 3 months) 13.4 16.6 14.9 Condom use at last intercourse § 50.7 67.1 59.4 PHYSICAL ACTIVITY AND BODY WEIGHT Exercised for ≥ 60 minutes on 5 or more days/week 43.2 63.0 52.5	SEXUAL BEHAVIOR					
Condom use at last intercourse § 50.7 67.1 59.4 PHYSICAL ACTIVITY AND BODY WEIGHT Exercised for ≥60 minutes on 5 or more days/week 43.2 63.0 52.5	Lifetime sexual intercourse	16.6	20.4	18.4		
PHYSICAL ACTIVITY AND BODY WEIGHT Exercised for ≥60 minutes on 5 or more days/week 43.2 63.0 52.5	Currently sexually active (past 3 months)	13.4	16.6	14.9		
Exercised for ≥60 minutes on 5 or more days/week 43.2 63.0 52.5	Condom use at last intercourse [§]	50.7	67.1	59.4		
	PHYSICAL ACTIVITY AND BODY WEIGHT					
Overweight or obese** 13.3 15.2 14.2	Exercised for ≥60 minutes on 5 or more days/week	43.2	63.0	52.5		
	Overweight or obese**	13.3	15.2	14.2		

^{*} Includes electronic cigarettes (e-cigarettes) like JUUL, Phix, Vuse, MarkTen, and blu, and other electronic vapor products, like vapes, vape pens, e-cigars, e-hookahs, hookah pens, and mods; in 2021, disposable products like Puff Bars, Stig, and Viigo were added to the definition.

[†] From 2006 to 2014, binge drinking was defined as 5 or more drinks in a row on one or more occasion for all students. Since 2016, binge drinking has been defined as 4 or more drinks in a row for females and 5 or more drinks in a row for males.

[‡] Without a doctor's prescription or differently than how a doctor told you to use it

[§] Among currently sexually active youth

^{**}Students who were ≥85th percentile for body mass index by age and gender, based on reference data

Algonquin Regional High School (Grades 9-12) 2021 Key Indicator Patterns by Grade

	Grade (%)				Total (%)
	9 th 10 th 11 th 12 th			12 th	
	(241)	(268)	(228)	(265)	(1,003)
SUBSTANCE USE					
Lifetime cigarette smoking	3.4	6.0	6.7	16.7	8.4
Current cigarette smoking (past 30 days)	0.4	0.8	2.2	6.1	2.4
Lifetime electronic vapor product use*	7.1	21.5	25.3	40.7	24.0
Current electronic vapor product use (past 30 days)*	2.5	11.7	16.1	24.4	13.9
Lifetime alcohol use	32.9	43.0	55.8	62.7	48.7
Current alcohol use (past 30 days)	13.6	25.7	36.2	46.7	30.8
Binge drinking (past 30 days) [†]	3.0	15.2	19.7	33.0	18.0
Rode with driver who had been drinking (past 30 days)	10.5	9.8	8.8	14.8	11.1
Lifetime marijuana use	6.3	17.3	26.9	42.9	23.6
Current marijuana use (past 30 days)	2.1	11.4	15.8	31.5	15.4
Lifetime prescription drug misuse [‡]	4.3	5.3	6.5	6.6	5.7
VIOLENCE					
Physical fighting (past 12 months)	13.4	12.7	7.5	12.2	11.6
Physical fighting on school property (past 12 months)	2.9	1.5	2.7	3.8	2.7
Carried a weapon (past 30 days)	2.9	2.2	3.6	4.2	3.2
Carried a weapon on school property (past 30 days)	0.4	0.4	0.0	1.5	0.6
BULLYING VICTIMIZATION					
Bullying victim (past 12 months)	23.1	18.7	23.6	22.0	21.7
Bullying victim on school property (past 12 months)	18.0	13.1	20.9	17.8	17.3
Cyberbullying victim (past 12 months)	23.4	23.6	16.6	17.7	20.4
MENTAL HEALTH					
Life "very" stressful (past 30 days)	22.6	37.1	42.9	46.9	37.5
Depressive symptoms (past 12 months)	22.5	24.8	31.2	28.6	26.7
Self-injury (past 12 months)	20.8	21.8	24.0	16.9	20.8
Considered suicide (past 12 months)	16.5	18.1	18.5	19.4	18.2
Attempted suicide (past 12 months)	3.5	6.1	3.7	7.1	5.2
SEXUAL BEHAVIOR					
Lifetime sexual intercourse	4.3	9.8	21.0	38.4	18.4
Currently sexually active (past 3 months)	3.5	7.2	15.6	33.2	14.9
Condom use at last intercourse§	62.5	63.2	58.8	58.5	59.4
PHYSICAL ACTIVITY AND BODY WEIGHT					
Exercised for ≥60 minutes on 5 or more days/week	61.4	53.0	48.2	47.8	52.5
Overweight or obese**	13.7	16.5	14.9	11.7	14.2

^{*} Includes electronic cigarettes (e-cigarettes) like JUUL, Phix, Vuse, MarkTen, and blu, and other electronic vapor products, like vapes, vape pens, e-cigars, e-hookahs, hookah pens, and mods; in 2021, disposable products like Puff Bars, Stig, and Viigo were added to the definition.

[†] From 2006 to 2014, binge drinking was defined as 5 or more drinks in a row on one or more occasion for all students. Since 2016, binge drinking has been defined as 4 or more drinks in a row for females and 5 or more drinks in a row for males.

[‡] Without a doctor's prescription or differently than how a doctor told you to use it

[§] Among currently sexually active youth
**Students who were ≥85th percentile for body mass index by age and gender, based on reference data

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