Maryland Middle School Survey
Trend Analysis Report

Total
Injury and Violence

				Health Risk Behavior and Percentages							Linear Change[*]	Quadratic Change[*]	Change from 2021-2022 [†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			
QN6: Percentage of students who rarely or never wore a bicycle helmet (among students who had ridden a bicycle)													
					67.2	59.5	62.7	58.0	58.8	56.7	Decreased, 2013-2022	No quadratic change	No change
QN7: Percentage of students who rarely or never wore a helmet when rollerblading or skateboarding (among students who used rollerblades or rode a skateboard)													
					73.5	65.6	68.4	65.3	64.5	60.8	Decreased, 2013-2022	No quadratic change	Decreased
QN8: Percentage of students who did not always wear a seat belt (when riding in a car driven by someone else)													
					42.4	35.1	35.5	35.3	36.1	38.2	Decreased, 2013-2022	Decreased, 2013-2016 No change, 2016-2022	Increased

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[†]Based on t-test analysis, p < 0.05.

Maryland Middle School Survey
Trend Analysis Report

Total
Injury and Violence

											Linear Change[*]	Quadratic Change[*]	Change from 2021-2022 [†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			

Health Risk Behavior and Percentages

QN9: Percentage of students who ever rode with a driver who had been drinking alcohol (in a car)

| | | | | | 19.9 | 16.8 | 19.7 | 15.4 | 16.1 | 16.1 | Decreased, 2013-2022 | No quadratic change | No change |

QN10: Percentage of students who were ever in a physical fight

| | | | | | 54.5 | 47.8 | 52.3 | 46.8 | 46.8 | 47.9 | Decreased, 2013-2022 | Decreased, 2013-2018 No change, 2018-2022 | No change |

QN11: Percentage of students who ever saw someone get physically attacked, beaten, stabbed, or shot in their neighborhood

| | | | | | | | | | 21.5 | 27.0 | Increased, 2021-2022 | Not available[§] | Increased |

QN13: Percentage of students who were ever bullied on school property

| | | | | | | | | 38.8 | 37.5 | 40.7 | Increased, 2018-2022 | Not available | Increased |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

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Maryland Middle School Survey
Trend Analysis Report

Total
Injury and Violence

						Health Risk Behavior and Percentages						**Linear Change**[*]	**Quadratic Change**[*]	**Change from 2021-2022** [†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			
QN14: Percentage of students who were ever electronically bullied (counting being bullied through texting, Instagram, Facebook, or other social media)														
							18.3	26.7	27.4		Increased, 2018-2022	Not available[§]	No change
QN15: Percentage of students who ever seriously thought about killing themselves														
					19.1	17.6	21.3	22.9	26.8	23.5	Increased, 2013-2022	Increased, 2013-2018 No change, 2018-2022	Decreased
QN16: Percentage of students who ever made a plan about how they would kill themselves														
							14.1	14.3	19.5	17.8	Increased, 2016-2022	Not available	Decreased
QN49: Percentage of students who have ever ridden in a car driven by someone who was texting while they were driving the car														
						51.2	59.6	48.6	52.2	50.0	Decreased, 2014-2022	Not available	Decreased

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Total
Injury and Violence

				Health Risk Behavior and Percentages							**Linear Change**[*]	**Quadratic Change**[*]	**Change from 2021-2022** [†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			

QN50: Percentage of students who reported that someone they were dating or going out with physically hurt them on purpose (counting such things as being hit, slammed into something, or injured with an object or weapon, among students who have ever dated or gone out with someone)

								2018	**2021**	**2022**			
								10.1	10.6	8.2	Decreased, 2018-2022	Not available[§]	Decreased

QN51: Percentage of students who felt sad or hopeless (almost every day for >=2 weeks in a row so that they stopped doing some usual activities, ever during the 12 months before the survey)

					2013	**2014**	**2016**	**2018**	**2021**	**2022**			
					24.9	21.3	25.5	25.5	36.8	33.7	Increased, 2013-2022	Increased, 2013-2018 Increased, 2018-2022	Decreased

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

**Total
Tobacco Use**

						Health Risk Behavior and Percentages						**Linear Change**[*]	**Quadratic Change**[*]	**Change from 2021-2022** [†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			
QN18: Percentage of students who ever smoked a cigarette (even one or two puffs)													
							7.9	6.0	5.6	4.1		Decreased, 2016-2022	Not available[§]	Decreased
QN20: Percentage of students who currently smoked cigarettes (on at least 1 day during the 30 days before the survey)													
					3.9	2.5	1.3	1.1	1.3	1.2		Decreased, 2013-2022	Decreased, 2013-2016 No change, 2016-2022	No change
QNFRCIG: Percentage of students who currently smoked cigarettes frequently (on 20 or more days during the 30 days before the survey)													
					0.7	0.4	0.3	0.2	0.1	0.3		Decreased, 2013-2022	Decreased, 2013-2018 Increased, 2018-2022	Not available
QNDAYCIG: Percentage of students who currently smoked cigarettes daily (on all 30 days during the 30 days before the survey)													
					0.6	0.3	0.2	0.1	0.1	0.3		Decreased, 2013-2022	Decreased, 2013-2018 Increased, 2018-2022	Not available

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Total
Tobacco Use

				Health Risk Behavior and Percentages							**Linear Change***	**Quadratic Change***	**Change from 2021-2022** [†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			
QN22: Percentage of students who ever used an electronic vapor product													
						15.4	18.4	18.9	15.6	10.4	Decreased, 2014-2022	Not available[§]	Decreased
QNFREVP: Percentage of students who currently used electronic vapor products frequently (on 20 or more days during the 30 days before the survey)													
						0.7	0.5	0.6	0.6	0.9	No linear change	Not available	Not available
QNDAYEVP: Percentage of students who currently used electronic vapor products daily (on all 30 days during the 30 days before the survey)													
						0.5	0.4	0.5	0.4	0.7	No linear change	Not available	Not available

*Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

**Total
Tobacco Use**

						Health Risk Behavior and Percentages					**Linear Change***	**Quadratic Change***	**Change from 2021-2022 †**
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			

QN23: Percentage of students who currently used an electronic vapor product (including e-cigarettes, vapes, vape pens, e-cigars, e-hookahs, hookah pens, and mods [such as JUUL, SMOK, Suorin, Vuse, and blu], on at least 1 day during the 30 days before the survey)

| | | | | | | 7.6 | 4.7 | 5.9 | 5.2 | 5.9 | Decreased, 2014-2022 | Not available§ | No change |

QN24: Percentage of students who currently used smokeless tobacco (chewing tobacco, snuff, dip, snus, or dissolvable tobacco products [such as Copenhagen, Grizzly, Skoal, Camel Snus, or Velo Nicotine Lozenges], not counting any electronic vapor products, on at least 1 day during the 30 days before the survey)

| | | | | | | | 1.9 | 2.2 | 1.4 | 1.4 | Decreased, 2016-2022 | Not available | No change |

QNFRSKL: Percentage of students who currently used smokeless tobacco frequently (chewing tobacco, snuff, dip, snus, or dissolvable tobacco products [such as Copenhagen, Grizzly, Skoal, or Camel Snus], not counting any electronic vapor products, on 20 or more days during the 30 days before the survey)

| | | | | | | | 0.3 | 0.2 | 0.2 | 0.4 | No linear change | Not available | Not available |

*Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
†Based on t-test analysis, $p < 0.05$.
§Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

**Total
Tobacco Use**

					Health Risk Behavior and Percentages						**Linear Change**[*]	**Quadratic Change**[*]	**Change from 2021-2022** [†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			
QNDAYSKL: Percentage of students who currently used smokeless tobacco daily (chewing tobacco, snuff, dip, snus, or dissolvable tobacco products [such as Copenhagen, Grizzly, Skoal, or Camel Snus], not counting any electronic vapor products, on all 30 days during the 30 days before the survey)													
						0.2	0.2	0.1		0.3	No linear change	Not available[§]	Not available
QN25: Percentage of students who currently smoked cigars, cigarillos, or little cigars (such as Swisher Sweets, Middleton's [including Black & Mild], or Backwoods, on at least 1 day during the 30 days before the survey)													
					4.2	3.6	2.5	1.8	1.9	1.7	Decreased, 2013-2022	Decreased, 2013-2018 No change, 2018-2022	No change
QNFRCGR: Percentage of students who currently smoked cigars frequently (cigars, cigarillos, or little cigars, on 20 or more days during the 30 days before the survey)													
					0.8	0.3	0.2	0.2	0.1	0.5	Decreased, 2013-2022	Decreased, 2013-2018 Increased, 2018-2022	Not available

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

**Total
Tobacco Use**

					Health Risk Behavior and Percentages						**Linear Change**[*]	**Quadratic Change**[*]	**Change from 2021-2022** [†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			
QNDAYCGR: Percentage of students who currently smoked cigars daily (cigars, cigarillos, or little cigars, on all 30 days during the 30 days before the survey)													
					0.6	0.2	0.2	0.2	0.1	0.4	Decreased, 2013-2022	Decreased, 2013-2018 Increased, 2018-2022	Not available
QNTB2: Percentage of students who currently smoked cigarettes or cigars (on at least 1 day during the 30 days before the survey)													
					5.1	4.1	2.6	2.0	2.4	2.2	Decreased, 2013-2022	Decreased, 2013-2018 No change, 2018-2022	Not available
QNTB3: Percentage of students who currently smoked cigarettes or cigars or used smokeless tobacco (on at least 1 day during the 30 days before the survey)													
						3.1	3.1	2.8		2.6	Decreased, 2016-2022	Not available[§]	Not available

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

**Total
Tobacco Use**

											Linear Change[*]	Quadratic Change[*]	Change from 2021-2022 [†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			

<div align="center">Health Risk Behavior and Percentages</div>

QNTB4: Percentage of students who currently smoked cigarettes or cigars or used smokeless tobacco or electronic vapor products (on at least 1 day during the 30 days before the survey)

| | | | | | | | 5.4 | 7.1 | 6.3 | 6.9 | Increased, 2016-2022 | Not available[§] | Not available |

QNTB5: Percentage of students who currently smoked cigarettes or used electronic vapor products (on at least 1 day during the 30 days before the survey)

| | | | | | | 7.9 | 4.6 | 5.9 | 5.4 | 6.1 | Decreased, 2014-2022 | Not available | Not available |

QN52: Percentage of students who usually use a kind of flavoring other than tobacco flavor with an electronic vapor product (among students who have ever used an electronic vapor product)

| | | | | | | | 89.2 | 94.9 | 93.9 | 97.8 | Increased, 2016-2022 | Not available | Increased |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

**Total
Tobacco Use**

					Health Risk Behavior and Percentages						Linear Change[*]	Quadratic Change[*]	Change from 2021-2022 [†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			

QN53: Percentage of students who used electronic vapor products mainly because a friend or family member used them (among students who have ever used an electronic vapor product)

| | | | | | | | | 44.9 | 35.8 | 41.4 | Decreased, 2018-2022 | Not available[§] | Increased |

QN54: Percentage of students who think they definitely or probably will use an electronic vapor product in the next year

| | | | | | | | | 11.8 | 9.5 | 6.8 | Decreased, 2018-2022 | Not available | Decreased |

QN55: Percentage of students who used flavored tobacco products (flavored cigars, cigarillos, or little cigars, flavored smokeless tobacco products, or both, not counting menthol cigarettes, during the 30 days before the survey)

| | | | | | 3.3 | 3.1 | 2.3 | 0.9 | 0.8 | 0.8 | Decreased, 2013-2022 | No quadratic change | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Total
Tobacco Use

					Health Risk Behavior and Percentages						**Linear Change**[*]	**Quadratic Change**[*]	**Change from 2021-2022** [†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			
QN56: Percentage of students who tried or used tobacco products for the first time (during the 12 months before the survey)													
						4.2	4.1	1.8	1.9	3.0	Decreased, 2014-2022	Not available[§]	Increased
QN57: Percentage of students who completely quit using all tobacco products (during the 12 months before the survey, among students who used tobacco products during the 12 months before the survey)													
					54.1	54.2	68.1	33.7	35.5	25.1	Decreased, 2013-2022	Increased, 2013-2016 Decreased, 2016-2022	Decreased
QN61: Percentage of students who live with someone who now smokes cigarettes or cigars													
					39.0	34.9	32.8	29.1	26.8	26.8	Decreased, 2013-2022	Decreased, 2013-2018 Decreased, 2018-2022	No change

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Total
Tobacco Use

	Health Risk Behavior and Percentages										**Linear Change**[*]	**Quadratic Change**[*]	**Change from 2021-2022** [†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			

QN62: Percentage of students who report the rule about smoking inside their home is that smoking is not allowed anywhere inside their home (not counting decks, garages, or porches)

| | | | | | | | 80.8 | 81.8 | 79.2 | 79.4 | Decreased, 2016-2022 | Not available[§] | No change |

QN63: Percentage of students who were in the same room with someone who was smoking (on at least one day during the 7 days before the survey)

| | | | | | | | 18.3 | 15.9 | 16.1 | 18.2 | No linear change | Not available | Increased |

QN71: Percentage of students who were taught in their classes about the dangers of tobacco use (during the last school year)

| | | | | | 81.6 | 80.2 | 74.0 | 74.1 | 62.6 | 70.9 | Decreased, 2013-2022 | Decreased, 2013-2016 Decreased, 2016-2022 | Increased |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Total
Alcohol and Other Drug Use

						Health Risk Behavior and Percentages						**Linear Change**[*]	**Quadratic Change**[*]	**Change from 2021-2022**[†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			
QN26: Percentage of students who ever drank alcohol (other than a few sips)														
					25.2	17.6	21.7	18.1	19.2	17.5	Decreased, 2013-2022	Decreased, 2013-2018 No change, 2018-2022	Decreased
QN27: Percentage of students who drank alcohol for the first time before age 11 years (other than a few sips)														
					12.4	8.6	11.1	9.1	10.1	9.8	Decreased, 2013-2022	Decreased, 2013-2018 No change, 2018-2022	No change
QN28: Percentage of students who ever used marijuana														
					9.0	7.0	7.0	6.6	5.1	4.6	Decreased, 2013-2022	No quadratic change	No change
QN29: Percentage of students who tried marijuana for the first time before age 11 years														
					3.0	4.1	2.4	2.7	1.4	1.0	Decreased, 2013-2022	Decreased, 2013-2018 Decreased, 2018-2022	Decreased

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.

Maryland Middle School Survey
Trend Analysis Report

Total
Alcohol and Other Drug Use

				Health Risk Behavior and Percentages							**Linear Change**[*]	**Quadratic Change**[*]	**Change from 2021-2022**[†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			
QN30: Percentage of students who ever took prescription pain medicine without a doctor's prescription or differently than how a doctor told them to use it (counting drugs such as codeine, Vicodin, Oxycontin, hydrocodone, and Percocet)													
							4.9	7.1	11.5	10.9	Increased, 2016-2022	Not available[§]	No change
QN31: Percentage of students who ever used cocaine (any form of cocaine, including powder, crack, or freebase)													
					3.8	3.5	4.2	1.9	2.0	1.1	Decreased, 2013-2022	No change, 2013-2016 Decreased, 2016-2022	Decreased
QN32: Percentage of students who ever used inhalants (sniffed glue, breathed the contents of spray cans, or inhaled any paints or sprays to get high)													
					10.5	6.3	6.7	5.3	5.3	4.9	Decreased, 2013-2022	Decreased, 2013-2016 Decreased, 2016-2022	No change
QN64: Percentage of students who currently drank alcohol (at least one drink of alcohol, on at least 1 day during the 30 days before the survey)													
					11.7	7.9	9.1	7.5	6.9	6.1	Decreased, 2013-2022	No quadratic change	Decreased

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Total
Alcohol and Other Drug Use

				Health Risk Behavior and Percentages							**Linear Change**[*]	**Quadratic Change**[*]	**Change from 2021-2022** [†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			
QN65: Percentage of students who currently used marijuana (one or more times during the 30 days before the survey)													
					8.0	6.2	5.5	5.2	3.8	3.2	Decreased, 2013-2022	No quadratic change	No change

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[†]Based on t-test analysis, p < 0.05.

Maryland Middle School Survey
Trend Analysis Report

Total
Sexual Behaviors

				Health Risk Behavior and Percentages							**Linear Change***	**Quadratic Change***	**Change from 2021-2022** [†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			
QN33: Percentage of students who ever had sexual intercourse													
						7.4	6.8	6.0	5.8	6.0	Decreased, 2014-2022	Not available[§]	No change

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Total
Dietary Behaviors

											Health Risk Behavior and Percentages			Linear Change[*]	Quadratic Change[*]	Change from 2021-2022 [†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**						
QN37: Percentage of students who described themselves as slightly or very overweight																
					24.5	23.6	25.0	25.0	28.0	25.5				Increased, 2013-2022	No quadratic change	Decreased
QN38: Percentage of students who were trying to lose weight																
					43.7	41.2	41.9	42.3	44.1	43.7				No linear change	Decreased, 2013-2016 No change, 2016-2022	No change
QN39: Percentage of students who did not eat breakfast (during the 7 days before the survey)																
					10.9	9.1	11.1	11.2	16.3	15.0				Increased, 2013-2022	Increased, 2013-2018 Increased, 2018-2022	Decreased
QNBK7DAY: Percentage of students who ate breakfast on all 7 days (during the 7 days before the survey)																
					47.3	53.3	46.6	46.6	36.9	38.6				Decreased, 2013-2022	Decreased, 2013-2018 Decreased, 2018-2022	Not available

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.

Maryland Middle School Survey
Trend Analysis Report

Total
Physical Activity

						Health Risk Behavior and Percentages					**Linear Change**[*]	**Quadratic Change**[*]	**Change from 2021-2022** [†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			

QN40: Percentage of students who were physically active at least 60 minutes per day on 5 or more days (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey)

| | | | | | 52.5 | 54.0 | 50.5 | 50.4 | 45.2 | 48.1 | Decreased, 2013-2022 | No quadratic change | Increased |

QNPA0DAY: Percentage of students who did not participate in at least 60 minutes of physical activity on at least 1 day (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey)

| | | | | | 11.7 | 11.9 | 13.9 | 14.5 | 16.2 | 15.9 | Increased, 2013-2022 | No quadratic change | Not available |

QNPA7DAY: Percentage of students who were physically active at least 60 minutes per day on all 7 days (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey)

| | | | | | 29.4 | 31.7 | 29.6 | 28.5 | 25.2 | 28.4 | Decreased, 2013-2022 | No quadratic change | Not available |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.

Maryland Middle School Survey
Trend Analysis Report

Total
Physical Activity

											Linear Change[*]	Quadratic Change[*]	Change from 2021-2022 [†]
Health Risk Behavior and Percentages													
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			

QN41: Percentage of students who attended physical education (PE) classes on 1 or more days (in an average week when they were in school)

					2013	2014	2016	2018	2021	2022	Linear Change	Quadratic Change	Change 2021-2022
					86.8	86.4	83.6	85.3	76.7	80.7	Decreased, 2013-2022	No quadratic change	Increased

QNDLYPE: Percentage of students who attended physical education (PE) classes on all 5 days (in an average week when they were in school)

					2013	2014	2016	2018	2021	2022	Linear Change	Quadratic Change	Change 2021-2022
					20.5	30.9	28.0	32.3	33.4	31.4	Increased, 2013-2022	Increased, 2013-2018 No change, 2018-2022	Not available

QN42: Percentage of students who played on at least one sports team (counting any teams run by their school or community groups, during the past 12 months before the survey)

					2013	2014	2016	2018	2021	2022	Linear Change	Quadratic Change	Change 2021-2022
						62.8	61.7	57.6	50.8	56.3	Decreased, 2014-2022	Not available[§]	Increased

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Total
Physical Activity

Health Risk Behavior and Percentages											**Linear Change**[*]	**Quadratic Change**[*]	**Change from 2021-2022** [†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			
QN43: Percentage of students who had a concussion from playing a sport or being physically active (one or more times during the 12 months before the survey)													
							18.4	16.8	17.2	19.2	No linear change	Not available[§]	Increased
QN66: Percentage of students who spent 3 or more hours of screen time (in front of a TV, computer, smart phone, or other electronic device watching shows or videos, playing games, accessing the Internet, or using social media, not counting time spent doing schoolwork)													
									71.6	67.8	Decreased, 2021-2022	Not available	Decreased

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Total
Other

											Linear Change[*]	Quadratic Change[*]	Change from 2021-2022 [†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			

Health Risk Behavior and Percentages

QN46: Percentage of students who got 8 or more hours of sleep (on an average school night)

					53.5	58.7	54.6	55.3	46.0	49.4	Decreased, 2013-2022	No change, 2013-2018 Decreased, 2018-2022	Increased

QN47: Percentage of students who usually did not sleep in their parent's or guardian's home (during the 30 days before the survey)

								2.2	3.2	2.1	Increased, 2018-2022	Not available[§]	Decreased

QN67: Percentage of students who saw a dentist (for a check-up, exam, teeth cleaning, or other dental work, during the 12 months before the survey)

							70.7	71.5	68.1	68.4	Decreased, 2016-2022	Not available	No change

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Total Other

Health Risk Behavior and Percentages											Linear Change*	Quadratic Change*	Change from 2021-2022 [†]
2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	2022			
QN70: Percentage of students who reported that they have a disability or long-term health problem that keeps them from doing everyday activities (such as bathing, getting dressed, doing schoolwork, playing sports, or being with friends)													
									7.6	7.0	No linear change	Not available[§]	No change
QN72: Percentage of students who participate in extracurricular activities at school (such as sports, band, drama, clubs, or student government)													
					62.2	64.3	60.5	59.9	51.4	56.9	Decreased, 2013-2022	No quadratic change	Increased
QN73: Percentage of students who reported that their family was often or sometimes worried that their food money would run out before they got money to buy more (during the 12 months before the survey)													
								19.2	16.8	21.5	No linear change	Not available	Increased

*Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Total
Other

						Health Risk Behavior and Percentages					Linear Change[*]	Quadratic Change[*]	Change from 2021-2022 [†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			

QN74: Percentage of students who reported that often or sometimes the food their family bought did not last and they did not have money to get more (during the 12 months before the survey)

| | | | | | | | | 15.8 | 13.0 | 15.5 | Decreased, 2018-2022 | Not available[§] | Increased |

QN75: Percentage of students who say definitely yes or probably yes that young people who smoke have more friends

| | | | | | 30.0 | 26.8 | 27.2 | 29.7 | 30.9 | 31.4 | Increased, 2013-2022 | Decreased, 2013-2016 Increased, 2016-2022 | No change |

QN76: Percentage of students who say definitely yes or probably yes that smoking makes young people look cool or fit in

| | | | | | 18.5 | 16.6 | 14.5 | 16.1 | 14.5 | 12.7 | Decreased, 2013-2022 | No quadratic change | Decreased |

QN77: Percentage of students who somewhat or strongly disapprove of someone their age having one or two drinks of an alcoholic beverage nearly every day

| | | | | | | | 79.1 | 80.7 | 79.5 | 79.3 | No linear change | Not available | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Total
Other

												Linear Change[*]	Quadratic Change[*]	Change from 2021-2022 [†]
				Health Risk Behavior and Percentages										
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**				
QN78: Percentage of students who reported that their parents would feel it would be wrong or very wrong for them to drink beer, wine, or hard liquor at least once or twice a month (such as vodka, whiskey, or gin)														
					87.1	88.4	88.6	89.6	89.0	87.2		No linear change	Increased, 2013-2018 Decreased, 2018-2022	Decreased
QN79: Percentage of students who think people are at moderate or great risk of harming themselves (physically or in other ways) if they have one or two drinks of alcohol nearly every day (beer, wine, or liquor)														
					67.3	69.1	76.2	72.1	71.8	70.7		Increased, 2013-2022	Increased, 2013-2016 Decreased, 2016-2022	No change
QN80: Percentage of students who think people are at moderate or great risk of harming themselves (physically and in other ways) if they have five or more drinks of alcohol once or twice a week (beer, wine, or liquor)														
					74.7	74.4	79.9	76.5	77.8	77.2		Increased, 2013-2022	Increased, 2013-2016 Decreased, 2016-2022	No change

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.

Maryland Middle School Survey
Trend Analysis Report

Total Other

						Health Risk Behavior and Percentages					Linear Change*	Quadratic Change*	Change from 2021-2022 †
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			
QNNODNT: Percentage of students who never saw a dentist (for a check-up, exam, teeth cleaning, or other dental work)													
							1.3	1.2	1.2	1.5	No linear change	Not available§	Not available

*Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
†Based on t-test analysis, $p < 0.05$.
§Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

**Total
Mental Health**

				Health Risk Behavior and Percentages							Linear Change*	Quadratic Change*	Change from 2021-2022 †
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			
QN17: Percentage of students who ever tried to kill themselves													
							8.5	8.8	11.0	9.9	Increased, 2016-2022	Not available§	No change
QN45: Percentage of students who reported that their mental health was most of the time or always not good (including stress, anxiety, and depression, during the 30 days before the survey)													
									23.3	21.8	No linear change	Not available	Decreased

*Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
†Based on t-test analysis, p < 0.05.
§Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

**Total
Protective Factors**

					Health Risk Behavior and Percentages						**Linear Change**[*]	**Quadratic Change**[*]	**Change from 2021-2022**[†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			
QN85: Percentage of students who have an adult outside of school they can talk to about things that are important to them													
					84.4	86.5	85.5	85.4	81.8	83.1	Decreased, 2013-2022	No change, 2013-2018 Decreased, 2018-2022	No change
QN86: Percentage of students who would feel comfortable seeking help from one or more adults besides their parents if they had an important question affecting their life													
					80.1	81.2	79.1	81.2	80.4	81.2	Increased, 2013-2022	No quadratic change	No change
QN88: Percentage of students who talked to a teacher or other adult in their school about a personal problem they had (during the 12 months before the survey)													
					31.5	31.9	33.8	31.1	30.9	28.3	Decreased, 2013-2022	Increased, 2013-2016 Decreased, 2016-2022	Decreased

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.

Maryland Middle School Survey
Trend Analysis Report

Total
Protective Factors

											Linear Change[*]	Quadratic Change[*]	Change from 2021-2022 [†]
Health Risk Behavior and Percentages													
2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	2022			

QN89: Percentage of students who strongly agree or agree that their teachers really care about them and give them a lot of encouragement

											Linear Change	Quadratic Change	Change from 2021-2022
					59.9	61.7	58.1	59.4	56.2	49.9	Decreased, 2013-2022	No change, 2013-2018 Decreased, 2018-2022	Decreased

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.

Maryland Middle School Survey
Trend Analysis Report

Total
Adverse Childhood Experiences

			Health Risk Behavior and Percentages								**Linear Change**[*]	**Quadratic Change**[*]	**Change from 2021-2022** [†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			
QN84: Percentage of students who have ever been separated from a parent or guardian because they went to jail, prison, or a detention center													
									11.4	10.7	No linear change	Not available[§]	No change

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Male
Injury and Violence

	Health Risk Behavior and Percentages											Linear Change[*]	Quadratic Change[*]	Change from 2021-2022 [†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**				
QN6: Percentage of students who rarely or never wore a bicycle helmet (among students who had ridden a bicycle)														
					69.6	62.5	65.4	60.1	59.8	58.1		Decreased, 2013-2022	No quadratic change	No change
QN7: Percentage of students who rarely or never wore a helmet when rollerblading or skateboarding (among students who used rollerblades or rode a skateboard)														
					74.4	66.8	68.3	65.9	64.4	59.1		Decreased, 2013-2022	No quadratic change	Decreased
QN8: Percentage of students who did not always wear a seat belt (when riding in a car driven by someone else)														
					43.1	35.1	36.0	35.6	35.5	37.7		Decreased, 2013-2022	Decreased, 2013-2016 No change, 2016-2022	No change
QN9: Percentage of students who ever rode with a driver who had been drinking alcohol (in a car)														
					18.7	15.1	17.2	13.6	13.0	13.6		Decreased, 2013-2022	No quadratic change	No change

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.

Maryland Middle School Survey
Trend Analysis Report

Male
Injury and Violence

				Health Risk Behavior and Percentages							**Linear Change**[*]	**Quadratic Change**[*]	**Change from 2021-2022** [†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			
QN10: Percentage of students who were ever in a physical fight													
					65.9	59.7	64.3	58.2	57.6	58.5	Decreased, 2013-2022	No quadratic change	No change
QN11: Percentage of students who ever saw someone get physically attacked, beaten, stabbed, or shot in their neighborhood													
									21.1	28.6	Increased, 2021-2022	Not available[§]	Increased
QN13: Percentage of students who were ever bullied on school property													
							34.0	31.6	34.9		No linear change	Not available	Increased
QN14: Percentage of students who were ever electronically bullied (counting being bullied through texting, Instagram, Facebook, or other social media)													
							14.0	21.3	21.7		Increased, 2018-2022	Not available	No change

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Male
Injury and Violence

						Health Risk Behavior and Percentages						**Linear Change**[*]	**Quadratic Change**[*]	**Change from 2021-2022** [†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			
QN15: Percentage of students who ever seriously thought about killing themselves													
					13.2	12.6	15.6	18.0	18.0	14.5	Increased, 2013-2022	Increased, 2013-2018 Decreased, 2018-2022	Decreased
QN16: Percentage of students who ever made a plan about how they would kill themselves													
						9.8	10.8	11.8	11.1	No linear change	Not available[§]	No change
QN49: Percentage of students who have ever ridden in a car driven by someone who was texting while they were driving the car													
						46.9	54.3	45.2	47.8	45.3	Decreased, 2014-2022	Not available	Decreased

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Male
Injury and Violence

Health Risk Behavior and Percentages											Linear Change[*]	Quadratic Change[*]	Change from 2021-2022 [†]
2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	2022			

QN50: Percentage of students who reported that someone they were dating or going out with physically hurt them on purpose (counting such things as being hit, slammed into something, or injured with an object or weapon, among students who have ever dated or gone out with someone)

| | | | | | | | | 10.2 | 11.4 | 8.6 | No linear change | Not available[§] | Decreased |

QN51: Percentage of students who felt sad or hopeless (almost every day for >=2 weeks in a row so that they stopped doing some usual activities, ever during the 12 months before the survey)

| | | | | | 18.6 | 15.9 | 19.2 | 19.4 | 25.2 | 22.7 | Increased, 2013-2022 | No quadratic change | Decreased |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[†]Based on t-test analysis, p < 0.05.
[§]Not enough years of data to calculate.

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Maryland Middle School Survey
Trend Analysis Report

Male
Tobacco Use

						Health Risk Behavior and Percentages						Linear Change[*]	Quadratic Change[*]	Change from 2021-2022 [†]
2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	2022			

QN18: Percentage of students who ever smoked a cigarette (even one or two puffs)

| | | | | | | | 8.0 | 6.1 | 5.1 | 3.8 | Decreased, 2016-2022 | Not available[§] | Decreased |

QN20: Percentage of students who currently smoked cigarettes (on at least 1 day during the 30 days before the survey)

| | | | | | 4.2 | 2.8 | 1.5 | 1.2 | 1.0 | 1.3 | Decreased, 2013-2022 | Decreased, 2013-2016
No change, 2016-2022 | No change |

QNFRCIG: Percentage of students who currently smoked cigarettes frequently (on 20 or more days during the 30 days before the survey)

| | | | | | 0.9 | 0.5 | 0.3 | 0.2 | 0.1 | 0.4 | Decreased, 2013-2022 | Decreased, 2013-2018
Increased, 2018-2022 | Not available |

QNDAYCIG: Percentage of students who currently smoked cigarettes daily (on all 30 days during the 30 days before the survey)

| | | | | | 0.7 | 0.3 | 0.3 | 0.1 | 0.1 | 0.4 | Decreased, 2013-2022 | Decreased, 2013-2018
Increased, 2018-2022 | Not available |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Male
Tobacco Use

				Health Risk Behavior and Percentages							**Linear Change**[*]	**Quadratic Change**[*]	**Change from 2021-2022** [†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			
QN22: Percentage of students who ever used an electronic vapor product													
						15.9	18.2	18.3	13.4	7.9	Decreased, 2014-2022	Not available[§]	Decreased
QNFREVP: Percentage of students who currently used electronic vapor products frequently (on 20 or more days during the 30 days before the survey)													
						0.8	0.6	0.7	0.3	0.8	Decreased, 2014-2022	Not available	Not available
QNDAYEVP: Percentage of students who currently used electronic vapor products daily (on all 30 days during the 30 days before the survey)													
						0.6	0.5	0.5	0.2	0.6	Decreased, 2014-2022	Not available	Not available

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Male
Tobacco Use

											Health Risk Behavior and Percentages	Linear Change*	Quadratic Change*	Change from 2021-2022 †
2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	2022				

QN23: Percentage of students who currently used an electronic vapor product (including e-cigarettes, vapes, vape pens, e-cigars, e-hookahs, hookah pens, and mods [such as JUUL, SMOK, Suorin, Vuse, and blu], on at least 1 day during the 30 days before the survey)

| | | | | | | 8.0 | 4.5 | 5.7 | 4.0 | 4.1 | Decreased, 2014-2022 | Not available§ | No change |

QN24: Percentage of students who currently used smokeless tobacco (chewing tobacco, snuff, dip, snus, or dissolvable tobacco products [such as Copenhagen, Grizzly, Skoal, Camel Snus, or Velo Nicotine Lozenges], not counting any electronic vapor products, on at least 1 day during the 30 days before the survey)

| | | | | | | | 2.3 | 2.4 | 1.2 | 1.4 | Decreased, 2016-2022 | Not available | No change |

QNFRSKL: Percentage of students who currently used smokeless tobacco frequently (chewing tobacco, snuff, dip, snus, or dissolvable tobacco products [such as Copenhagen, Grizzly, Skoal, or Camel Snus], not counting any electronic vapor products, on 20 or more days during the 30 days before the survey)

| | | | | | | | 0.3 | 0.3 | 0.1 | 0.5 | No linear change | Not available | Not available |

*Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
†Based on t-test analysis, $p < 0.05$.
§Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Male
Tobacco Use

						Health Risk Behavior and Percentages						**Linear Change***	**Quadratic Change***	**Change from 2021-2022** [†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			
QNDAYSKL: Percentage of students who currently used smokeless tobacco daily (chewing tobacco, snuff, dip, snus, or dissolvable tobacco products [such as Copenhagen, Grizzly, Skoal, or Camel Snus], not counting any electronic vapor products, on all 30 days during the 30 days before the survey)														
						0.3	0.2	0.1	0.5		No linear change	Not available[§]	Not available
QN25: Percentage of students who currently smoked cigars, cigarillos, or little cigars (such as Swisher Sweets, Middleton's [including Black & Mild], or Backwoods, on at least 1 day during the 30 days before the survey)														
					5.1	4.5	2.8	2.1	1.9	1.8	Decreased, 2013-2022	Decreased, 2013-2018 No change, 2018-2022	No change
QNFRCGR: Percentage of students who currently smoked cigars frequently (cigars, cigarillos, or little cigars, on 20 or more days during the 30 days before the survey)														
					1.0	0.4	0.3	0.3	0.2	0.6	Decreased, 2013-2022	Decreased, 2013-2016 No change, 2016-2022	Not available

*Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Male
Tobacco Use

	Health Risk Behavior and Percentages											Linear Change[*]	Quadratic Change[*]	Change from 2021-2022 [†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**				

QNDAYCGR: Percentage of students who currently smoked cigars daily (cigars, cigarillos, or little cigars, on all 30 days during the 30 days before the survey)

| | | | | | 0.9 | 0.3 | 0.2 | 0.2 | 0.1 | 0.5 | Decreased, 2013-2022 | Decreased, 2013-2016 No change, 2016-2022 | Not available |

QNTB2: Percentage of students who currently smoked cigarettes or cigars (on at least 1 day during the 30 days before the survey)

| | | | | | 5.8 | 4.9 | 2.8 | 2.3 | 2.2 | 2.2 | Decreased, 2013-2022 | Decreased, 2013-2018 No change, 2018-2022 | Not available |

QNTB3: Percentage of students who currently smoked cigarettes or cigars or used smokeless tobacco (on at least 1 day during the 30 days before the survey)

| | | | | | | | 3.5 | 3.3 | 2.6 | 2.4 | Decreased, 2016-2022 | Not available[§] | Not available |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[†]Based on t-test analysis, p < 0.05.
[§]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Male
Tobacco Use

											Linear Change[*]	Quadratic Change[*]	Change from 2021-2022[†]
Health Risk Behavior and Percentages													
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			

QNTB4: Percentage of students who currently smoked cigarettes or cigars or used smokeless tobacco or electronic vapor products (on at least 1 day during the 30 days before the survey)

| | | | | | | | 5.2 | 7.0 | 5.2 | 5.1 | Decreased, 2016-2022 | Not available[§] | Not available |

QNTB5: Percentage of students who currently smoked cigarettes or used electronic vapor products (on at least 1 day during the 30 days before the survey)

| | | | | | | 8.3 | 4.4 | 5.8 | 4.2 | 4.3 | Decreased, 2014-2022 | Not available | Not available |

QN52: Percentage of students who usually use a kind of flavoring other than tobacco flavor with an electronic vapor product (among students who have ever used an electronic vapor product)

| | | | | | | | 86.5 | 94.5 | 94.0 | 98.0 | Increased, 2016-2022 | Not available | Increased |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Male
Tobacco Use

Health Risk Behavior and Percentages											**Linear Change**[*]	**Quadratic Change**[*]	**Change from 2021-2022** [†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			
QN53: Percentage of students who used electronic vapor products mainly because a friend or family member used them (among students who have ever used an electronic vapor product)													
								43.2	35.8	40.2	Decreased, 2018-2022	Not available[§]	No change
QN54: Percentage of students who think they definitely or probably will use an electronic vapor product in the next year													
								11.6	7.3	4.8	Decreased, 2018-2022	Not available	Decreased
QN55: Percentage of students who used flavored tobacco products (flavored cigars, cigarillos, or little cigars, flavored smokeless tobacco products, or both, not counting menthol cigarettes, during the 30 days before the survey)													
					3.9	3.6	2.4	1.0	0.6	0.6	Decreased, 2013-2022	No quadratic change	No change

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Male
Tobacco Use

Health Risk Behavior and Percentages											Linear Change[*]	Quadratic Change[*]	Change from 2021-2022 [†]
2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	2022			

QN56: Percentage of students who tried or used tobacco products for the first time (during the 12 months before the survey)

| | | | | | | 4.4 | 4.1 | 1.7 | 1.1 | 2.1 | Decreased, 2014-2022 | Not available[§] | Increased |

QN57: Percentage of students who completely quit using all tobacco products (during the 12 months before the survey, among students who used tobacco products during the 12 months before the survey)

| | | | | | 55.9 | 55.4 | 66.2 | 36.3 | 42.9 | 28.8 | Decreased, 2013-2022 | Increased, 2013-2016 Decreased, 2016-2022 | Decreased |

QN61: Percentage of students who live with someone who now smokes cigarettes or cigars

| | | | | | 38.0 | 35.0 | 31.7 | 28.5 | 25.0 | 25.9 | Decreased, 2013-2022 | Decreased, 2013-2018 Decreased, 2018-2022 | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[†]Based on t-test analysis, p < 0.05.
[§]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Male
Tobacco Use

	Health Risk Behavior and Percentages											Linear Change[*]	Quadratic Change[*]	Change from 2021-2022 [†]
2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	2022				

QN62: Percentage of students who report the rule about smoking inside their home is that smoking is not allowed anywhere inside their home (not counting decks, garages, or porches)

| | | | | | | | 82.1 | 83.6 | 82.4 | 81.5 | No linear change | Not available[§] | No change |

QN63: Percentage of students who were in the same room with someone who was smoking (on at least one day during the 7 days before the survey)

| | | | | | | | 16.5 | 14.1 | 13.0 | 15.1 | No linear change | Not available | Increased |

QN71: Percentage of students who were taught in their classes about the dangers of tobacco use (during the last school year)

| | | | | | 80.2 | 79.8 | 73.7 | 74.6 | 64.9 | 71.0 | Decreased, 2013-2022 | Decreased, 2013-2016 Decreased, 2016-2022 | Increased |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Male
Alcohol and Other Drug Use

					Health Risk Behavior and Percentages						**Linear Change**[*]	**Quadratic Change**[*]	**Change from 2021-2022** [†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			
QN26: Percentage of students who ever drank alcohol (other than a few sips)													
					25.2	17.7	21.8	17.8	16.5	15.4	Decreased, 2013-2022	No quadratic change	No change
QN27: Percentage of students who drank alcohol for the first time before age 11 years (other than a few sips)													
					13.6	9.3	11.9	9.9	9.3	8.8	Decreased, 2013-2022	No quadratic change	No change
QN28: Percentage of students who ever used marijuana													
					10.7	7.7	7.5	6.7	4.2	3.4	Decreased, 2013-2022	No quadratic change	No change
QN29: Percentage of students who tried marijuana for the first time before age 11 years													
					4.2	4.6	3.0	3.0	1.5	0.9	Decreased, 2013-2022	Decreased, 2013-2018 Decreased, 2018-2022	Decreased

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.

Maryland Middle School Survey
Trend Analysis Report

Male
Alcohol and Other Drug Use

					Health Risk Behavior and Percentages						**Linear Change**[*]	**Quadratic Change**[*]	**Change from 2021-2022**[†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			
QN30: Percentage of students who ever took prescription pain medicine without a doctor's prescription or differently than how a doctor told them to use it (counting drugs such as codeine, Vicodin, Oxycontin, hydrocodone, and Percocet)													
							4.6	6.5	8.9	7.8	Increased, 2016-2022	Not available[§]	No change
QN31: Percentage of students who ever used cocaine (any form of cocaine, including powder, crack, or freebase)													
					4.4	3.9	4.5	2.3	1.9	1.1	Decreased, 2013-2022	No change, 2013-2016 Decreased, 2016-2022	Decreased
QN32: Percentage of students who ever used inhalants (sniffed glue, breathed the contents of spray cans, or inhaled any paints or sprays to get high)													
					9.9	5.9	6.4	4.8	4.8	4.2	Decreased, 2013-2022	Decreased, 2013-2018 Decreased, 2018-2022	No change
QN64: Percentage of students who currently drank alcohol (at least one drink of alcohol, on at least 1 day during the 30 days before the survey)													
					11.2	7.6	8.5	6.9	5.7	5.1	Decreased, 2013-2022	No quadratic change	No change

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Male
Alcohol and Other Drug Use

					Health Risk Behavior and Percentages						**Linear Change**[*]	**Quadratic Change**[*]	**Change from 2021-2022**[†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			

QN65: Percentage of students who currently used marijuana (one or more times during the 30 days before the survey)

| | | | | | 9.2 | 7.0 | 6.0 | 5.4 | 3.4 | 2.6 | Decreased, 2013-2022 | No quadratic change | Decreased |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[†]Based on t-test analysis, p < 0.05.

Maryland Middle School Survey
Trend Analysis Report

Male
Sexual Behaviors

				Health Risk Behavior and Percentages							**Linear Change**[*]	**Quadratic Change**[*]	**Change from 2021-2022** [†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			

QN33: Percentage of students who ever had sexual intercourse

						2014	**2016**	**2018**	**2021**	**2022**			
						11.0	9.6	8.9	6.3	7.2	Decreased, 2014-2022	Not available[§]	No change

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[†]Based on t-test analysis, p < 0.05.
[§]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Male
Dietary Behaviors

					Health Risk Behavior and Percentages						**Linear Change**[*]	**Quadratic Change**[*]	**Change from 2021-2022** [†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			
QN37: Percentage of students who described themselves as slightly or very overweight													
					22.0	21.5	22.7	23.6	27.0	24.3	Increased, 2013-2022	No quadratic change	Decreased
QN38: Percentage of students who were trying to lose weight													
					35.3	34.6	35.8	36.7	39.2	38.7	Increased, 2013-2022	No quadratic change	No change
QN39: Percentage of students who did not eat breakfast (during the 7 days before the survey)													
					9.9	8.1	9.4	9.8	13.3	12.0	Increased, 2013-2022	No change, 2013-2016 Increased, 2016-2022	No change
QNBK7DAY: Percentage of students who ate breakfast on all 7 days (during the 7 days before the survey)													
					53.1	58.9	53.2	52.8	44.5	46.5	Decreased, 2013-2022	Decreased, 2013-2018 Decreased, 2018-2022	Not available

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.

Maryland Middle School Survey
Trend Analysis Report

Male
Physical Activity

											Health Risk Behavior and Percentages	Linear Change[*]	Quadratic Change[*]	Change from 2021-2022 [†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**				

QN40: Percentage of students who were physically active at least 60 minutes per day on 5 or more days (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey)

| | | | | | 59.4 | 60.3 | 56.8 | 55.3 | 51.9 | 56.0 | | Decreased, 2013-2022 | Decreased, 2013-2018 No change, 2018-2022 | Increased |

QNPA0DAY: Percentage of students who did not participate in at least 60 minutes of physical activity on at least 1 day (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey)

| | | | | | 10.8 | 10.3 | 11.8 | 13.4 | 13.2 | 13.4 | | Increased, 2013-2022 | Increased, 2013-2018 No change, 2018-2022 | Not available |

QNPA7DAY: Percentage of students who were physically active at least 60 minutes per day on all 7 days (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey)

| | | | | | 36.4 | 38.8 | 35.9 | 33.7 | 31.3 | 35.5 | | Decreased, 2013-2022 | Decreased, 2013-2018 Increased, 2018-2022 | Not available |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.

Maryland Middle School Survey
Trend Analysis Report

Male
Physical Activity

					Health Risk Behavior and Percentages						**Linear Change***	**Quadratic Change***	**Change from 2021-2022** [†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			

QN41: Percentage of students who attended physical education (PE) classes on 1 or more days (in an average week when they were in school)

| | | | | | 87.3 | 86.2 | 84.5 | 85.8 | 77.0 | 81.2 | Decreased, 2013-2022 | No quadratic change | Increased |

QNDLYPE: Percentage of students who attended physical education (PE) classes on all 5 days (in an average week when they were in school)

| | | | | | 21.7 | 32.3 | 28.7 | 33.3 | 34.6 | 33.7 | Increased, 2013-2022 | No quadratic change | Not available |

QN42: Percentage of students who played on at least one sports team (counting any teams run by their school or community groups, during the past 12 months before the survey)

| | | | | | | 66.6 | 65.6 | 61.0 | 54.4 | 60.4 | Decreased, 2014-2022 | Not available[§] | Increased |

*Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Male
Physical Activity

				Health Risk Behavior and Percentages							**Linear Change**[*]	**Quadratic Change**[*]	**Change from 2021-2022** [†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			
QN43: Percentage of students who had a concussion from playing a sport or being physically active (one or more times during the 12 months before the survey)													
							21.2	19.4	18.8	21.8	No linear change	Not available[§]	Increased
QN66: Percentage of students who spent 3 or more hours of screen time (in front of a TV, computer, smart phone, or other electronic device watching shows or videos, playing games, accessing the Internet, or using social media, not counting time spent doing schoolwork)													
									69.3	65.9	Decreased, 2021-2022	Not available	Decreased

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Male
Other

											Linear Change[*]	**Quadratic Change**[*]	**Change from 2021-2022**[†]
			Health Risk Behavior and Percentages										
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			
QN46: Percentage of students who got 8 or more hours of sleep (on an average school night)													
					55.2	60.9	56.9	56.6	49.4	53.8	Decreased, 2013-2022	No quadratic change	Increased
QN47: Percentage of students who usually did not sleep in their parent's or guardian's home (during the 30 days before the survey)													
							2.4	4.0	2.6	Increased, 2018-2022	Not available[§]	Decreased
QN67: Percentage of students who saw a dentist (for a check-up, exam, teeth cleaning, or other dental work, during the 12 months before the survey)													
						70.6	70.9	68.3	67.7	Decreased, 2016-2022	Not available	No change

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Male
Other

				Health Risk Behavior and Percentages							Linear Change[*]	Quadratic Change[*]	Change from 2021-2022 [†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			

QN70: Percentage of students who reported that they have a disability or long-term health problem that keeps them from doing everyday activities (such as bathing, getting dressed, doing schoolwork, playing sports, or being with friends)

| | | | | | | | | | 7.0 | 7.2 | No linear change | Not available[§] | No change |

QN72: Percentage of students who participate in extracurricular activities at school (such as sports, band, drama, clubs, or student government)

| | | | | | 62.0 | 62.1 | 58.9 | 56.9 | 49.5 | 56.1 | Decreased, 2013-2022 | Decreased, 2013-2018 No change, 2018-2022 | Increased |

QN73: Percentage of students who reported that their family was often or sometimes worried that their food money would run out before they got money to buy more (during the 12 months before the survey)

| | | | | | | | | 17.3 | 14.4 | 19.5 | No linear change | Not available | Increased |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[†]Based on t-test analysis, p < 0.05.
[§]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Male
Other

					Health Risk Behavior and Percentages						**Linear Change**[*]	**Quadratic Change**[*]	**Change from 2021-2022** [†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			

QN74: Percentage of students who reported that often or sometimes the food their family bought did not last and they did not have money to get more (during the 12 months before the survey)

| | | | | | | | | 15.0 | 12.2 | 15.1 | Decreased, 2018-2022 | Not available[§] | Increased |

QN75: Percentage of students who say definitely yes or probably yes that young people who smoke have more friends

| | | | | | 29.3 | 25.5 | 26.3 | 28.2 | 26.3 | 28.1 | Decreased, 2013-2022 | No quadratic change | No change |

QN76: Percentage of students who say definitely yes or probably yes that smoking makes young people look cool or fit in

| | | | | | 19.7 | 17.1 | 14.8 | 15.8 | 13.2 | 12.5 | Decreased, 2013-2022 | No quadratic change | No change |

QN77: Percentage of students who somewhat or strongly disapprove of someone their age having one or two drinks of an alcoholic beverage nearly every day

| | | | | | | | 76.8 | 79.8 | 80.4 | 80.6 | Increased, 2016-2022 | Not available | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Male
Other

					Health Risk Behavior and Percentages						**Linear Change**[*]	**Quadratic Change**[*]	**Change from 2021-2022** [†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			

QN78: Percentage of students who reported that their parents would feel it would be wrong or very wrong for them to drink beer, wine, or hard liquor at least once or twice a month (such as vodka, whiskey, or gin)

| | | | | | 86.5 | 87.9 | 87.8 | 88.9 | 89.5 | 87.1 | Increased, 2013-2022 | Increased, 2013-2018 No change, 2018-2022 | Decreased |

QN79: Percentage of students who think people are at moderate or great risk of harming themselves (physically or in other ways) if they have one or two drinks of alcohol nearly every day (beer, wine, or liquor)

| | | | | | 65.4 | 66.8 | 73.9 | 70.7 | 68.3 | 68.5 | Increased, 2013-2022 | Increased, 2013-2016 Decreased, 2016-2022 | No change |

QN80: Percentage of students who think people are at moderate or great risk of harming themselves (physically and in other ways) if they have five or more drinks of alcohol once or twice a week (beer, wine, or liquor)

| | | | | | 73.3 | 73.2 | 78.4 | 74.9 | 75.9 | 75.7 | Increased, 2013-2022 | Increased, 2013-2016 No change, 2016-2022 | No change |

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[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[†]Based on t-test analysis, p < 0.05.

Maryland Middle School Survey
Trend Analysis Report

Male
Other

				Health Risk Behavior and Percentages							Linear Change[*]	Quadratic Change[*]	Change from 2021-2022 [†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			

QNNODNT: Percentage of students who never saw a dentist (for a check-up, exam, teeth cleaning, or other dental work)

							2016	2018	2021	2022	Linear Change	Quadratic Change	Change from 2021-2022
							1.3	1.3	1.3	1.7	No linear change	Not available[§]	Not available

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[†]Based on t-test analysis, p < 0.05.
[§]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Male
Mental Health

				Health Risk Behavior and Percentages							**Linear Change**[*]	**Quadratic Change**[*]	**Change from 2021-2022** [†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			
QN17: Percentage of students who ever tried to kill themselves													
							5.9	6.8	6.6	5.6	No linear change	Not available[§]	No change
QN45: Percentage of students who reported that their mental health was most of the time or always not good (including stress, anxiety, and depression, during the 30 days before the survey)													
								13.6	12.6		No linear change	Not available	No change

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[†]Based on t-test analysis, p < 0.05.
[§]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Male
Protective Factors

Health Risk Behavior and Percentages											**Linear Change**[*]	**Quadratic Change**[*]	**Change from 2021-2022** [†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			
QN85: Percentage of students who have an adult outside of school they can talk to about things that are important to them													
					84.7	86.8	85.8	86.0	85.7	86.1	Increased, 2013-2022	No quadratic change	No change
QN86: Percentage of students who would feel comfortable seeking help from one or more adults besides their parents if they had an important question affecting their life													
					79.6	80.5	79.5	81.3	82.5	82.9	Increased, 2013-2022	No quadratic change	No change
QN88: Percentage of students who talked to a teacher or other adult in their school about a personal problem they had (during the 12 months before the survey)													
					28.0	28.7	30.7	29.0	28.7	25.0	Decreased, 2013-2022	Increased, 2013-2016 Decreased, 2016-2022	Decreased

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.

Maryland Middle School Survey
Trend Analysis Report

Male
Protective Factors

											Health Risk Behavior and Percentages	Linear Change[*]	Quadratic Change[*]	Change from 2021-2022 [†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**				

QN89: Percentage of students who strongly agree or agree that their teachers really care about them and give them a lot of encouragement

2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	2022	Linear Change	Quadratic Change	Change from 2021-2022
					61.8	63.5	60.2	62.3	61.2	54.4	Decreased, 2013-2022	No change, 2013-2018 Decreased, 2018-2022	Decreased

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.

Maryland Middle School Survey
Trend Analysis Report

Male
Adverse Childhood Experiences

	Health Risk Behavior and Percentages											Linear Change[*]	Quadratic Change[*]	Change from 2021-2022 [†]
2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	2022			

QN84: Percentage of students who have ever been separated from a parent or guardian because they went to jail, prison, or a detention center

									2021	2022			
									10.0	10.2	No linear change	Not available[§]	No change

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[†]Based on t-test analysis, p < 0.05.
[§]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Female
Injury and Violence

						Health Risk Behavior and Percentages					Linear Change[*]	Quadratic Change[*]	Change from 2021-2022 [†]
2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	2022			

QN6: Percentage of students who rarely or never wore a bicycle helmet (among students who had ridden a bicycle)

| | | | | | 64.5 | 56.3 | 59.6 | 55.6 | 57.7 | 55.4 | Decreased, 2013-2022 | Decreased, 2013-2018 No change, 2018-2022 | No change |

QN7: Percentage of students who rarely or never wore a helmet when rollerblading or skateboarding (among students who used rollerblades or rode a skateboard)

| | | | | | 72.5 | 64.5 | 68.3 | 64.5 | 64.6 | 62.4 | Decreased, 2013-2022 | No quadratic change | No change |

QN8: Percentage of students who did not always wear a seat belt (when riding in a car driven by someone else)

| | | | | | 41.6 | 35.1 | 34.8 | 34.8 | 36.5 | 38.7 | Decreased, 2013-2022 | Decreased, 2013-2016 Increased, 2016-2022 | No change |

QN9: Percentage of students who ever rode with a driver who had been drinking alcohol (in a car)

| | | | | | 21.1 | 18.5 | 22.0 | 17.1 | 19.2 | 18.7 | Decreased, 2013-2022 | No quadratic change | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[†]Based on t-test analysis, p < 0.05.

Maryland Middle School Survey
Trend Analysis Report

Female
Injury and Violence

					Health Risk Behavior and Percentages						**Linear Change**[*]	**Quadratic Change**[*]	**Change from 2021-2022** [†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			
QN10: Percentage of students who were ever in a physical fight													
					42.5	35.5	39.6	34.8	35.6	36.8	Decreased, 2013-2022	Decreased, 2013-2018 No change, 2018-2022	No change
QN11: Percentage of students who ever saw someone get physically attacked, beaten, stabbed, or shot in their neighborhood													
									21.9	25.4	Increased, 2021-2022	Not available[§]	Increased
QN13: Percentage of students who were ever bullied on school property													
								43.6	43.2	46.3	Increased, 2018-2022	Not available	Increased
QN14: Percentage of students who were ever electronically bullied (counting being bullied through texting, Instagram, Facebook, or other social media)													
								22.6	31.8	33.0	Increased, 2018-2022	Not available	No change

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Female
Injury and Violence

						Health Risk Behavior and Percentages					**Linear Change**[*]	**Quadratic Change**[*]	**Change from 2021-2022**[†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			
QN15: Percentage of students who ever seriously thought about killing themselves													
					25.2	22.8	27.0	27.8	35.3	32.7	Increased, 2013-2022	No quadratic change	Decreased
QN16: Percentage of students who ever made a plan about how they would kill themselves													
						18.3	17.8	27.1	24.5	Increased, 2016-2022	Not available[§]	Decreased
QN49: Percentage of students who have ever ridden in a car driven by someone who was texting while they were driving the car													
						55.8	65.4	52.2	56.9	54.8	Decreased, 2014-2022	Not available	No change

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Female
Injury and Violence

											Linear Change[*]	Quadratic Change[*]	Change from 2021-2022 [†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			

QN50: Percentage of students who reported that someone they were dating or going out with physically hurt them on purpose (counting such things as being hit, slammed into something, or injured with an object or weapon, among students who have ever dated or gone out with someone)

| | | | | | | | | 9.6 | 9.7 | 7.6 | Decreased, 2018-2022 | Not available[§] | Decreased |

QN51: Percentage of students who felt sad or hopeless (almost every day for >=2 weeks in a row so that they stopped doing some usual activities, ever during the 12 months before the survey)

| | | | | | 31.4 | 26.7 | 31.9 | 31.5 | 48.1 | 45.0 | Increased, 2013-2022 | No change, 2013-2018 Increased, 2018-2022 | Decreased |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[†]Based on t-test analysis, p < 0.05.
[§]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Female
Tobacco Use

											Health Risk Behavior and Percentages	Linear Change[*]	Quadratic Change[*]	Change from 2021-2022 [†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**				

QN18: Percentage of students who ever smoked a cigarette (even one or two puffs)

							7.6	5.7	6.2	4.3	Decreased, 2016-2022	Not available[§]	Decreased

QN20: Percentage of students who currently smoked cigarettes (on at least 1 day during the 30 days before the survey)

					3.5	2.0	1.2	0.9	1.4	1.2	Decreased, 2013-2022	Decreased, 2013-2016 No change, 2016-2022	No change

QNFRCIG: Percentage of students who currently smoked cigarettes frequently (on 20 or more days during the 30 days before the survey)

					0.5	0.3	0.1	0.1	0.1	0.2	Decreased, 2013-2022	Decreased, 2013-2018 No change, 2018-2022	Not available

QNDAYCIG: Percentage of students who currently smoked cigarettes daily (on all 30 days during the 30 days before the survey)

					0.3	0.3	0.1	0.1	0.1	0.2	Decreased, 2013-2022	Decreased, 2013-2018 No change, 2018-2022	Not available

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Female
Tobacco Use

						Health Risk Behavior and Percentages					**Linear Change**[*]	**Quadratic Change**[*]	**Change from 2021-2022** [†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			
QN22: Percentage of students who ever used an electronic vapor product													
						14.8	18.3	19.4	17.7	12.9	Decreased, 2014-2022	Not available[§]	Decreased
QNFREVP: Percentage of students who currently used electronic vapor products frequently (on 20 or more days during the 30 days before the survey)													
						0.6	0.3	0.6	0.8	1.1	Increased, 2014-2022	Not available	Not available
QNDAYEVP: Percentage of students who currently used electronic vapor products daily (on all 30 days during the 30 days before the survey)													
						0.4	0.2	0.4	0.5	0.7	Increased, 2014-2022	Not available	Not available

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Female
Tobacco Use

Health Risk Behavior and Percentages											Linear Change[*]	Quadratic Change[*]	Change from 2021-2022 [†]
2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	2022			

QN23: Percentage of students who currently used an electronic vapor product (including e-cigarettes, vapes, vape pens, e-cigars, e-hookahs, hookah pens, and mods [such as JUUL, SMOK, Suorin, Vuse, and blu], on at least 1 day during the 30 days before the survey)

| | | | | | | 7.1 | 4.8 | 6.1 | 6.4 | 7.9 | No linear change | Not available[§] | Increased |

QN24: Percentage of students who currently used smokeless tobacco (chewing tobacco, snuff, dip, snus, or dissolvable tobacco products [such as Copenhagen, Grizzly, Skoal, Camel Snus, or Velo Nicotine Lozenges], not counting any electronic vapor products, on at least 1 day during the 30 days before the survey)

| | | | | | | 1.3 | 1.8 | 1.3 | 1.4 | | No linear change | Not available | No change |

QNFRSKL: Percentage of students who currently used smokeless tobacco frequently (chewing tobacco, snuff, dip, snus, or dissolvable tobacco products [such as Copenhagen, Grizzly, Skoal, or Camel Snus], not counting any electronic vapor products, on 20 or more days during the 30 days before the survey)

| | | | | | | 0.2 | 0.2 | 0.1 | 0.2 | | No linear change | Not available | Not available |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

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Maryland Middle School Survey
Trend Analysis Report

Female
Tobacco Use

				Health Risk Behavior and Percentages							**Linear Change**[*]	**Quadratic Change**[*]	**Change from 2021-2022**[†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			

QNDAYSKL: Percentage of students who currently used smokeless tobacco daily (chewing tobacco, snuff, dip, snus, or dissolvable tobacco products [such as Copenhagen, Grizzly, Skoal, or Camel Snus], not counting any electronic vapor products, on all 30 days during the 30 days before the survey)

| | | | | | | | 0.2 | 0.1 | 0.0 | 0.1 | No linear change | Not available[§] | Not available |

QN25: Percentage of students who currently smoked cigars, cigarillos, or little cigars (such as Swisher Sweets, Middleton's [including Black & Mild], or Backwoods, on at least 1 day during the 30 days before the survey)

| | | | | | 3.0 | 2.4 | 2.1 | 1.4 | 1.8 | 1.6 | Decreased, 2013-2022 | Decreased, 2013-2018
No change, 2018-2022 | No change |

QNFRCGR: Percentage of students who currently smoked cigars frequently (cigars, cigarillos, or little cigars, on 20 or more days during the 30 days before the survey)

| | | | | | 0.4 | 0.2 | 0.1 | 0.1 | 0.0 | 0.3 | Decreased, 2013-2022 | Decreased, 2013-2018
No change, 2018-2022 | Not available |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[†]Based on t-test analysis, p < 0.05.
[§]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Female
Tobacco Use

				Health Risk Behavior and Percentages							**Linear Change**[*]	**Quadratic Change**[*]	**Change from 2021-2022**[†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			
QNDAYCGR: Percentage of students who currently smoked cigars daily (cigars, cigarillos, or little cigars, on all 30 days during the 30 days before the survey)													
					0.3	0.2	0.1	0.1	0.0	0.2	Decreased, 2013-2022	Decreased, 2013-2018 No change, 2018-2022	Not available
QNTB2: Percentage of students who currently smoked cigarettes or cigars (on at least 1 day during the 30 days before the survey)													
					4.4	3.2	2.3	1.6	2.5	2.3	Decreased, 2013-2022	Decreased, 2013-2018 Increased, 2018-2022	Not available
QNTB3: Percentage of students who currently smoked cigarettes or cigars or used smokeless tobacco (on at least 1 day during the 30 days before the survey)													
						2.6	2.6	2.9	2.8		No linear change	Not available[§]	Not available

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Female
Tobacco Use

Health Risk Behavior and Percentages											Linear Change*	Quadratic Change*	Change from 2021-2022 †
2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	2022			
QNTB4: Percentage of students who currently smoked cigarettes or cigars or used smokeless tobacco or electronic vapor products (on at least 1 day during the 30 days before the survey)													
							5.4	7.1	7.3	8.7	Increased, 2016-2022	Not available§	Not available
QNTB5: Percentage of students who currently smoked cigarettes or used electronic vapor products (on at least 1 day during the 30 days before the survey)													
						7.5	4.7	6.0	6.5	8.1	No linear change	Not available	Not available
QN52: Percentage of students who usually use a kind of flavoring other than tobacco flavor with an electronic vapor product (among students who have ever used an electronic vapor product)													
							93.0	96.1	94.6	97.8	Increased, 2016-2022	Not available	Increased

*Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
†Based on t-test analysis, $p < 0.05$.
§Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Female
Tobacco Use

				Health Risk Behavior and Percentages							**Linear Change**[*]	**Quadratic Change**[*]	**Change from 2021-2022** [†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			
QN53: Percentage of students who used electronic vapor products mainly because a friend or family member used them (among students who have ever used an electronic vapor product)													
								47.0	36.8	42.3	Decreased, 2018-2022	Not available[§]	Increased
QN54: Percentage of students who think they definitely or probably will use an electronic vapor product in the next year													
								11.8	11.6	8.8	Decreased, 2018-2022	Not available	Decreased
QN55: Percentage of students who used flavored tobacco products (flavored cigars, cigarillos, or little cigars, flavored smokeless tobacco products, or both, not counting menthol cigarettes, during the 30 days before the survey)													
					2.6	2.4	1.9	0.8	1.0	1.0	Decreased, 2013-2022	Decreased, 2013-2018 No change, 2018-2022	No change

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[†]Based on t-test analysis, p < 0.05.
[§]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Female
Tobacco Use

						Health Risk Behavior and Percentages						**Linear Change***	**Quadratic Change***	**Change from 2021-2022 †**
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			
QN56: Percentage of students who tried or used tobacco products for the first time (during the 12 months before the survey)													
						3.9	3.9	1.9	2.5	3.9	Decreased, 2014-2022	Not available§	Increased
QN57: Percentage of students who completely quit using all tobacco products (during the 12 months before the survey, among students who used tobacco products during the 12 months before the survey)													
					52.4	53.1	71.6	31.1	30.9	22.1	Decreased, 2013-2022	Increased, 2013-2016 Decreased, 2016-2022	Decreased
QN61: Percentage of students who live with someone who now smokes cigarettes or cigars													
					40.1	34.7	33.9	29.6	28.4	27.7	Decreased, 2013-2022	Decreased, 2013-2018 No change, 2018-2022	No change

*Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
†Based on t-test analysis, p < 0.05.
§Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Female
Tobacco Use

											Health Risk Behavior and Percentages	Linear Change[*]	Quadratic Change[*]	Change from 2021-2022 [†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**				

QN62: Percentage of students who report the rule about smoking inside their home is that smoking is not allowed anywhere inside their home (not counting decks, garages, or porches)

| | | | | | | | 79.6 | 80.1 | 76.2 | 77.2 | | Decreased, 2016-2022 | Not available[§] | No change |

QN63: Percentage of students who were in the same room with someone who was smoking (on at least one day during the 7 days before the survey)

| | | | | | | | 19.9 | 17.5 | 19.1 | 21.4 | | Increased, 2016-2022 | Not available | Increased |

QN71: Percentage of students who were taught in their classes about the dangers of tobacco use (during the last school year)

| | | | | | 83.1 | 80.7 | 74.3 | 74.0 | 60.5 | 70.9 | | Decreased, 2013-2022 | Decreased, 2013-2016 Decreased, 2016-2022 | Increased |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Female
Alcohol and Other Drug Use

											Health Risk Behavior and Percentages	Linear Change*	Quadratic Change*	Change from 2021-2022 [†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**				

QN26: Percentage of students who ever drank alcohol (other than a few sips)

| | | | | | 25.1 | 17.4 | 21.6 | 18.2 | 21.8 | 19.6 | | Decreased, 2013-2022 | Decreased, 2013-2018 Increased, 2018-2022 | Decreased |

QN27: Percentage of students who drank alcohol for the first time before age 11 years (other than a few sips)

| | | | | | 11.1 | 7.7 | 10.0 | 8.3 | 10.8 | 10.7 | | No linear change | Decreased, 2013-2018 Increased, 2018-2022 | No change |

QN28: Percentage of students who ever used marijuana

| | | | | | 7.3 | 6.2 | 6.3 | 6.4 | 6.1 | 5.8 | | Decreased, 2013-2022 | No quadratic change | No change |

QN29: Percentage of students who tried marijuana for the first time before age 11 years

| | | | | | 1.6 | 3.4 | 1.6 | 2.2 | 1.3 | 1.1 | | Decreased, 2013-2022 | No change, 2013-2018 Decreased, 2018-2022 | No change |

*Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.

Maryland Middle School Survey
Trend Analysis Report

Female
Alcohol and Other Drug Use

					Health Risk Behavior and Percentages						**Linear Change**[*]	**Quadratic Change**[*]	**Change from 2021-2022**[†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			
QN30: Percentage of students who ever took prescription pain medicine without a doctor's prescription or differently than how a doctor told them to use it (counting drugs such as codeine, Vicodin, Oxycontin, hydrocodone, and Percocet)													
							4.9	7.6	14.0	14.0	Increased, 2016-2022	Not available[§]	No change
QN31: Percentage of students who ever used cocaine (any form of cocaine, including powder, crack, or freebase)													
					3.0	2.9	3.7	1.4	2.2	1.0	Decreased, 2013-2022	No change, 2013-2016 Decreased, 2016-2022	Decreased
QN32: Percentage of students who ever used inhalants (sniffed glue, breathed the contents of spray cans, or inhaled any paints or sprays to get high)													
					11.0	6.7	6.9	5.6	5.9	5.6	Decreased, 2013-2022	Decreased, 2013-2016 Decreased, 2016-2022	No change
QN64: Percentage of students who currently drank alcohol (at least one drink of alcohol, on at least 1 day during the 30 days before the survey)													
					12.1	8.0	9.5	7.8	8.1	7.2	Decreased, 2013-2022	Decreased, 2013-2018 No change, 2018-2022	No change

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Female
Alcohol and Other Drug Use

				Health Risk Behavior and Percentages							**Linear Change**[*]	**Quadratic Change**[*]	**Change from 2021-2022** [†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			
QN65: Percentage of students who currently used marijuana (one or more times during the 30 days before the survey)													
					6.6	5.2	4.8	4.7	4.1	3.9	Decreased, 2013-2022	No quadratic change	No change

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.

Maryland Middle School Survey
Trend Analysis Report

Female
Sexual Behaviors

				Health Risk Behavior and Percentages							Linear Change[*]	Quadratic Change[*]	Change from 2021-2022 [†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			
QN33: Percentage of students who ever had sexual intercourse													
						3.7	3.8	3.2	5.1	4.7	Increased, 2014-2022	Not available[§]	No change

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[†]Based on t-test analysis, p < 0.05.
[§]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Female
Dietary Behaviors

					Health Risk Behavior and Percentages						**Linear Change**[*]	**Quadratic Change**[*]	**Change from 2021-2022** [†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			
QN37: Percentage of students who described themselves as slightly or very overweight													
					27.1	25.8	27.4	26.4	28.9	26.7	No linear change	No quadratic change	Decreased
QN38: Percentage of students who were trying to lose weight													
					52.6	47.9	48.1	47.9	48.7	49.0	Decreased, 2013-2022	Decreased, 2013-2016 No change, 2016-2022	No change
QN39: Percentage of students who did not eat breakfast (during the 7 days before the survey)													
					11.8	10.1	12.6	12.6	19.1	18.0	Increased, 2013-2022	Increased, 2013-2018 Increased, 2018-2022	No change
QNBK7DAY: Percentage of students who ate breakfast on all 7 days (during the 7 days before the survey)													
					41.4	47.7	40.2	40.6	29.8	30.4	Decreased, 2013-2022	Decreased, 2013-2018 Decreased, 2018-2022	Not available

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.

Maryland Middle School Survey
Trend Analysis Report

Female
Physical Activity

					Health Risk Behavior and Percentages						**Linear Change**[*]	**Quadratic Change**[*]	**Change from 2021-2022** [†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			
QN40: Percentage of students who were physically active at least 60 minutes per day on 5 or more days (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey)													
					45.6	47.6	44.3	45.7	38.7	40.0	Decreased, 2013-2022	No change, 2013-2018 Decreased, 2018-2022	No change
QNPA0DAY: Percentage of students who did not participate in at least 60 minutes of physical activity on at least 1 day (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey)													
					12.5	13.5	15.7	15.3	19.1	18.5	Increased, 2013-2022	No quadratic change	Not available
QNPA7DAY: Percentage of students who were physically active at least 60 minutes per day on all 7 days (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey)													
					22.4	24.4	23.2	23.4	19.0	21.1	Decreased, 2013-2022	No change, 2013-2018 Decreased, 2018-2022	Not available

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.

Maryland Middle School Survey
Trend Analysis Report

Female
Physical Activity

					Health Risk Behavior and Percentages						**Linear Change**[*]	**Quadratic Change**[*]	**Change from 2021-2022** [†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			
QN41: Percentage of students who attended physical education (PE) classes on 1 or more days (in an average week when they were in school)													
					86.5	86.6	82.8	84.8	76.4	80.3	Decreased, 2013-2022	No quadratic change	Increased
QNDLYPE: Percentage of students who attended physical education (PE) classes on all 5 days (in an average week when they were in school)													
					19.3	29.5	27.4	31.3	32.3	28.9	Increased, 2013-2022	Increased, 2013-2018 No change, 2018-2022	Not available
QN42: Percentage of students who played on at least one sports team (counting any teams run by their school or community groups, during the past 12 months before the survey)													
						58.9	57.8	54.4	47.4	52.4	Decreased, 2014-2022	Not available[§]	Increased

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Female
Physical Activity

											Linear Change[*]	Quadratic Change[*]	Change from 2021-2022 [†]
Health Risk Behavior and Percentages													
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			

QN43: Percentage of students who had a concussion from playing a sport or being physically active (one or more times during the 12 months before the survey)

							15.4	14.0	15.4	16.6	No linear change	Not available[§]	No change

QN66: Percentage of students who spent 3 or more hours of screen time (in front of a TV, computer, smart phone, or other electronic device watching shows or videos, playing games, accessing the Internet, or using social media, not counting time spent doing schoolwork)

									73.9	69.8	Decreased, 2021-2022	Not available	Decreased

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[†]Based on t-test analysis, p < 0.05.
[§]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Female
Other

					Health Risk Behavior and Percentages						**Linear Change**[*]	**Quadratic Change**[*]	**Change from 2021-2022**[†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			

QN46: Percentage of students who got 8 or more hours of sleep (on an average school night)

| | | | | | 51.9 | 56.6 | 52.6 | 54.2 | 43.1 | 44.9 | Decreased, 2013-2022 | No change, 2013-2018 Decreased, 2018-2022 | No change |

QN47: Percentage of students who usually did not sleep in their parent's or guardian's home (during the 30 days before the survey)

| | | | | | | | | 1.9 | 2.5 | 1.6 | No linear change | Not available[§] | Decreased |

QN67: Percentage of students who saw a dentist (for a check-up, exam, teeth cleaning, or other dental work, during the 12 months before the survey)

| | | | | | | | 71.0 | 72.5 | 68.4 | 69.5 | Decreased, 2016-2022 | Not available | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Female
Other

											Health Risk Behavior and Percentages	Linear Change[*]	Quadratic Change[*]	Change from 2021-2022 [†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**				

QN70: Percentage of students who reported that they have a disability or long-term health problem that keeps them from doing everyday activities (such as bathing, getting dressed, doing schoolwork, playing sports, or being with friends)

									7.7	6.6	Decreased, 2021-2022	Not available[§]	Decreased

QN72: Percentage of students who participate in extracurricular activities at school (such as sports, band, drama, clubs, or student government)

					62.6	66.6	62.3	63.0	53.2	57.8	Decreased, 2013-2022	No change, 2013-2018 Decreased, 2018-2022	Increased

QN73: Percentage of students who reported that their family was often or sometimes worried that their food money would run out before they got money to buy more (during the 12 months before the survey)

								20.8	18.7	23.5	No linear change	Not available	Increased

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Female
Other

											Health Risk Behavior and Percentages	Linear Change[*]	Quadratic Change[*]	Change from 2021-2022 [†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**				

QN74: Percentage of students who reported that often or sometimes the food their family bought did not last and they did not have money to get more (during the 12 months before the survey)

								16.3	13.5	15.8		Decreased, 2018-2022	Not available[§]	Increased

QN75: Percentage of students who say definitely yes or probably yes that young people who smoke have more friends

					30.7	28.0	28.1	31.1	35.6	34.9		Increased, 2013-2022	No change, 2013-2016 Increased, 2016-2022	No change

QN76: Percentage of students who say definitely yes or probably yes that smoking makes young people look cool or fit in

					17.3	16.0	14.0	16.4	15.8	13.0		Decreased, 2013-2022	No quadratic change	Decreased

QN77: Percentage of students who somewhat or strongly disapprove of someone their age having one or two drinks of an alcoholic beverage nearly every day

							81.7	81.9	79.1	78.1		Decreased, 2016-2022	Not available	No change

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Female
Other

											Health Risk Behavior and Percentages	Linear Change*	Quadratic Change*	Change from 2021-2022 [†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**				

QN78: Percentage of students who reported that their parents would feel it would be wrong or very wrong for them to drink beer, wine, or hard liquor at least once or twice a month (such as vodka, whiskey, or gin)

| | | | | | 87.7 | 88.9 | 89.5 | 90.5 | 88.6 | 87.3 | | No linear change | Increased, 2013-2018 Decreased, 2018-2022 | No change |

QN79: Percentage of students who think people are at moderate or great risk of harming themselves (physically or in other ways) if they have one or two drinks of alcohol nearly every day (beer, wine, or liquor)

| | | | | | 69.4 | 71.6 | 78.6 | 73.7 | 75.5 | 72.8 | | Increased, 2013-2022 | Increased, 2013-2016 Decreased, 2016-2022 | Decreased |

QN80: Percentage of students who think people are at moderate or great risk of harming themselves (physically and in other ways) if they have five or more drinks of alcohol once or twice a week (beer, wine, or liquor)

| | | | | | 76.3 | 75.8 | 81.4 | 78.2 | 79.9 | 78.7 | | Increased, 2013-2022 | Increased, 2013-2016 Decreased, 2016-2022 | No change |

*Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.

Maryland Middle School Survey
Trend Analysis Report

Female
Other

					Health Risk Behavior and Percentages						Linear Change[*]	Quadratic Change[*]	Change from 2021-2022 [†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			

QNNODNT: Percentage of students who never saw a dentist (for a check-up, exam, teeth cleaning, or other dental work)

| | | | | | | | 1.2 | 1.1 | 1.2 | 1.3 | No linear change | Not available[§] | Not available |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Female
Mental Health

					Health Risk Behavior and Percentages						Linear Change[*]	Quadratic Change[*]	Change from 2021-2022 [†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			
QN17: Percentage of students who ever tried to kill themselves													
							10.8	10.9	15.3	14.2	Increased, 2016-2022	Not available[§]	No change
QN45: Percentage of students who reported that their mental health was most of the time or always not good (including stress, anxiety, and depression, during the 30 days before the survey)													
									32.1	30.9	No linear change	Not available	No change

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[†]Based on t-test analysis, p < 0.05.
[§]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Female
Protective Factors

											Health Risk Behavior and Percentages	Linear Change[*]	Quadratic Change[*]	Change from 2021-2022 [†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**				

QN85: Percentage of students who have an adult outside of school they can talk to about things that are important to them

					84.2	86.3	85.4	85.1	78.4	80.2		Decreased, 2013-2022	No change, 2013-2018 Decreased, 2018-2022	No change

QN86: Percentage of students who would feel comfortable seeking help from one or more adults besides their parents if they had an important question affecting their life

					80.8	82.0	79.0	81.3	78.5	79.6		No linear change	No quadratic change	No change

QN88: Percentage of students who talked to a teacher or other adult in their school about a personal problem they had (during the 12 months before the survey)

					35.1	35.1	36.6	33.2	32.9	31.7		Decreased, 2013-2022	No quadratic change	No change

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.

Maryland Middle School Survey
Trend Analysis Report

Female
Protective Factors

					Health Risk Behavior and Percentages						**Linear Change**[*]	**Quadratic Change**[*]	**Change from 2021-2022** [†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			
QN89: Percentage of students who strongly agree or agree that their teachers really care about them and give them a lot of encouragement													
					58.1	59.9	56.1	56.6	51.8	45.4	Decreased, 2013-2022	Decreased, 2013-2018 Decreased, 2018-2022	Decreased

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[†]Based on t-test analysis, p < 0.05.

Maryland Middle School Survey
Trend Analysis Report

Female
Adverse Childhood Experiences

				Health Risk Behavior and Percentages							**Linear Change**[*]	**Quadratic Change**[*]	**Change from 2021-2022** [†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			
QN84: Percentage of students who have ever been separated from a parent or guardian because they went to jail, prison, or a detention center													
									12.5	11.3	No linear change	Not available[§]	No change

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[†]Based on t-test analysis, p < 0.05.
[§]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

White*
Injury and Violence

					Health Risk Behavior and Percentages						**Linear Change**[†]	**Quadratic Change**[†]	**Change from 2021-2022** [§]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			
QN6: Percentage of students who rarely or never wore a bicycle helmet (among students who had ridden a bicycle)													
					54.0	47.5	47.2	42.8	44.3	42.5	Decreased, 2013-2022	Decreased, 2013-2018 No change, 2018-2022	No change
QN7: Percentage of students who rarely or never wore a helmet when rollerblading or skateboarding (among students who used rollerblades or rode a skateboard)													
					64.6	58.2	59.7	55.3	55.0	50.9	Decreased, 2013-2022	No quadratic change	No change
QN8: Percentage of students who did not always wear a seat belt (when riding in a car driven by someone else)													
					32.9	25.8	26.4	24.8	23.7	26.3	Decreased, 2013-2022	Decreased, 2013-2016 No change, 2016-2022	Increased
QN9: Percentage of students who ever rode with a driver who had been drinking alcohol (in a car)													
					20.5	18.4	20.4	16.7	17.3	16.1	Decreased, 2013-2022	No quadratic change	No change

*Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]Based on t-test analysis, $p < 0.05$.

Maryland Middle School Survey
Trend Analysis Report

White*
Injury and Violence

				Health Risk Behavior and Percentages							**Linear Change**[†]	**Quadratic Change**[†]	**Change from 2021-2022** [§]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			
QN10: Percentage of students who were ever in a physical fight													
					41.3	35.9	38.2	33.1	35.5	36.5	Decreased, 2013-2022	Decreased, 2013-2018 Increased, 2018-2022	No change
QN11: Percentage of students who ever saw someone get physically attacked, beaten, stabbed, or shot in their neighborhood													
								14.0	18.2		Increased, 2021-2022	Not available[¶]	Increased
QN13: Percentage of students who were ever bullied on school property													
								41.3	40.4	44.3	No linear change	Not available	Increased
QN14: Percentage of students who were ever electronically bullied (counting being bullied through texting, Instagram, Facebook, or other social media)													
								22.0	30.4	29.4	Increased, 2018-2022	Not available	No change

*Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]Based on t-test analysis, $p < 0.05$.
[¶]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

White*
Injury and Violence

					Health Risk Behavior and Percentages						Linear Change[†]	Quadratic Change[†]	Change from 2021-2022 [§]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			
QN15: Percentage of students who ever seriously thought about killing themselves													
					15.9	14.7	17.0	17.9	21.7	18.6	Increased, 2013-2022	No quadratic change	Decreased
QN16: Percentage of students who ever made a plan about how they would kill themselves													
						10.9	11.2	15.4	13.5		Increased, 2016-2022	Not available[¶]	Decreased
QN49: Percentage of students who have ever ridden in a car driven by someone who was texting while they were driving the car													
						56.0	65.6	53.2	56.2	54.2	Decreased, 2014-2022	Not available	No change

*Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]Based on t-test analysis, $p < 0.05$.
[¶]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

White*
Injury and Violence

											Health Risk Behavior and Percentages	Linear Change[†]	Quadratic Change[†]	Change from 2021-2022 [§]
2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	2022				

QN50: Percentage of students who reported that someone they were dating or going out with physically hurt them on purpose (counting such things as being hit, slammed into something, or injured with an object or weapon, among students who have ever dated or gone out with someone)

| | | | | | | | | 8.9 | 8.0 | 6.5 | | Decreased, 2018-2022 | Not available[¶] | No change |

QN51: Percentage of students who felt sad or hopeless (almost every day for >=2 weeks in a row so that they stopped doing some usual activities, ever during the 12 months before the survey)

| | | | | | 21.3 | 18.0 | 21.2 | 20.6 | 31.1 | 28.0 | | Increased, 2013-2022 | No change, 2013-2018 Increased, 2018-2022 | Decreased |

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]Based on t-test analysis, $p < 0.05$.
[¶]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

White*
Tobacco Use

											Linear Change[†]	Quadratic Change[†]	Change from 2021-2022 [§]
Health Risk Behavior and Percentages													
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			

QN18: Percentage of students who ever smoked a cigarette (even one or two puffs)

							5.6	4.3	4.6	3.4	Decreased, 2016-2022	Not available[¶]	Decreased

QN20: Percentage of students who currently smoked cigarettes (on at least 1 day during the 30 days before the survey)

					3.2	2.3	1.2	0.9	0.7	1.1	Decreased, 2013-2022	Decreased, 2013-2018 No change, 2018-2022	No change

QNFRCIG: Percentage of students who currently smoked cigarettes frequently (on 20 or more days during the 30 days before the survey)

					0.6	0.4	0.2	0.1	0.0	0.1	Decreased, 2013-2022	Decreased, 2013-2018 No change, 2018-2022	Not available

QNDAYCIG: Percentage of students who currently smoked cigarettes daily (on all 30 days during the 30 days before the survey)

					0.5	0.3	0.2	0.1	0.0	0.1	Decreased, 2013-2022	No quadratic change	Not available

*Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[§]Based on t-test analysis, p < 0.05.
[¶]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

White*
Tobacco Use

				Health Risk Behavior and Percentages							**Linear Change**[†]	**Quadratic Change**[†]	**Change from 2021-2022** [§]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			
QN22: Percentage of students who ever used an electronic vapor product													
						12.9	15.3	17.7	14.1	7.6	Decreased, 2014-2022	Not available[¶]	Decreased
QNFREVP: Percentage of students who currently used electronic vapor products frequently (on 20 or more days during the 30 days before the survey)													
						0.8	0.4	0.8	0.6	0.7	No linear change	Not available	Not available
QNDAYEVP: Percentage of students who currently used electronic vapor products daily (on all 30 days during the 30 days before the survey)													
						0.5	0.3	0.5	0.4	0.5	No linear change	Not available	Not available

*Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]Based on t-test analysis, $p < 0.05$.
[¶]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

White*
Tobacco Use

Health Risk Behavior and Percentages											Linear Change[†]	Quadratic Change[†]	Change from 2021-2022 [§]
2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	2022			

QN23: Percentage of students who currently used an electronic vapor product (including e-cigarettes, vapes, vape pens, e-cigars, e-hookahs, hookah pens, and mods [such as JUUL, SMOK, Suorin, Vuse, and blu], on at least 1 day during the 30 days before the survey)

| | | | | | | 6.2 | 3.4 | 6.3 | 3.7 | 4.1 | Decreased, 2014-2022 | Not available[¶] | No change |

QN24: Percentage of students who currently used smokeless tobacco (chewing tobacco, snuff, dip, snus, or dissolvable tobacco products [such as Copenhagen, Grizzly, Skoal, Camel Snus, or Velo Nicotine Lozenges], not counting any electronic vapor products, on at least 1 day during the 30 days before the survey)

| | | | | | | | 1.3 | 1.5 | 0.9 | 0.8 | Decreased, 2016-2022 | Not available | No change |

QNFRSKL: Percentage of students who currently used smokeless tobacco frequently (chewing tobacco, snuff, dip, snus, or dissolvable tobacco products [such as Copenhagen, Grizzly, Skoal, or Camel Snus], not counting any electronic vapor products, on 20 or more days during the 30 days before the survey)

| | | | | | | | 0.2 | 0.1 | 0.0 | 0.2 | No linear change | Not available | Not available |

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*Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[§]Based on t-test analysis, p < 0.05.
[¶]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

White*
Tobacco Use

					Health Risk Behavior and Percentages						**Linear Change**[†]	**Quadratic Change**[†]	**Change from 2021-2022** [§]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			

QNDAYSKL: Percentage of students who currently used smokeless tobacco daily (chewing tobacco, snuff, dip, snus, or dissolvable tobacco products [such as Copenhagen, Grizzly, Skoal, or Camel Snus], not counting any electronic vapor products, on all 30 days during the 30 days before the survey)

| | | | | | | | 0.1 | 0.1 | 0.0 | 0.2 | No linear change | Not available[¶] | Not available |

QN25: Percentage of students who currently smoked cigars, cigarillos, or little cigars (such as Swisher Sweets, Middleton's [including Black & Mild], or Backwoods, on at least 1 day during the 30 days before the survey)

| | | | | | 2.4 | 2.6 | 1.5 | 1.1 | 1.4 | 0.9 | Decreased, 2013-2022 | No quadratic change | Decreased |

QNFRCGR: Percentage of students who currently smoked cigars frequently (cigars, cigarillos, or little cigars, on 20 or more days during the 30 days before the survey)

| | | | | | 0.4 | 0.2 | 0.2 | 0.1 | 0.0 | 0.2 | Decreased, 2013-2022 | No quadratic change | Not available |

*Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]Based on t-test analysis, $p < 0.05$.
[¶]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

White*
Tobacco Use

	Health Risk Behavior and Percentages										**Linear Change**[†]	**Quadratic Change**[†]	**Change from 2021-2022** [§]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			
QNDAYCGR: Percentage of students who currently smoked cigars daily (cigars, cigarillos, or little cigars, on all 30 days during the 30 days before the survey)													
					0.3	0.1	0.2	0.1	0.0	0.2	No linear change	No quadratic change	Not available
QNTB2: Percentage of students who currently smoked cigarettes or cigars (on at least 1 day during the 30 days before the survey)													
					3.7	3.5	2.0	1.5	1.9	1.5	Decreased, 2013-2022	Decreased, 2013-2018 No change, 2018-2022	Not available
QNTB3: Percentage of students who currently smoked cigarettes or cigars or used smokeless tobacco (on at least 1 day during the 30 days before the survey)													
							2.5	2.5	2.3	1.8	Decreased, 2016-2022	Not available[¶]	Not available

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]Based on t-test analysis, $p < 0.05$.
[¶]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

White*
Tobacco Use

											Linear Change[†]	Quadratic Change[†]	Change from 2021-2022 [§]
Health Risk Behavior and Percentages													
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			

QNTB4: Percentage of students who currently smoked cigarettes or cigars or used smokeless tobacco or electronic vapor products (on at least 1 day during the 30 days before the survey)

							4.3	7.0	5.1	4.6	No linear change	Not available[¶]	Not available

QNTB5: Percentage of students who currently smoked cigarettes or used electronic vapor products (on at least 1 day during the 30 days before the survey)

						6.4	3.6	6.2	3.9	4.3	Decreased, 2014-2022	Not available	Not available

QN52: Percentage of students who usually use a kind of flavoring other than tobacco flavor with an electronic vapor product (among students who have ever used an electronic vapor product)

							91.2	96.6	94.8	97.6	Increased, 2016-2022	Not available	Increased

*Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[§]Based on t-test analysis, p < 0.05.
[¶]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

White*
Tobacco Use

				Health Risk Behavior and Percentages							**Linear Change[†]**	**Quadratic Change[†]**	**Change from 2021-2022 [§]**
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			

QN53: Percentage of students who used electronic vapor products mainly because a friend or family member used them (among students who have ever used an electronic vapor product)

| | | | | | | | | 44.4 | 37.6 | 43.0 | No linear change | Not available[¶] | No change |

QN54: Percentage of students who think they definitely or probably will use an electronic vapor product in the next year

| | | | | | | | | 10.3 | 7.1 | 4.4 | Decreased, 2018-2022 | Not available | Decreased |

QN55: Percentage of students who used flavored tobacco products (flavored cigars, cigarillos, or little cigars, flavored smokeless tobacco products, or both, not counting menthol cigarettes, during the 30 days before the survey)

| | | | | | 2.1 | 2.0 | 1.7 | 0.7 | 0.5 | 0.6 | Decreased, 2013-2022 | No quadratic change | No change |

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]Based on t-test analysis, $p < 0.05$.
[¶]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

White*
Tobacco Use

	Health Risk Behavior and Percentages										**Linear Change**[†]	**Quadratic Change**[†]	**Change from 2021-2022** [§]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			

QN56: Percentage of students who tried or used tobacco products for the first time (during the 12 months before the survey)

						3.3	3.4	2.0	1.5	2.5	Decreased, 2014-2022	Not available[¶]	Increased

QN57: Percentage of students who completely quit using all tobacco products (during the 12 months before the survey, among students who used tobacco products during the 12 months before the survey)

					54.7	53.0	65.9	24.5	32.5	28.8	Decreased, 2013-2022	Increased, 2013-2016 Decreased, 2016-2022	No change

QN61: Percentage of students who live with someone who now smokes cigarettes or cigars

					38.5	35.3	33.1	28.7	28.8	27.8	Decreased, 2013-2022	Decreased, 2013-2018 No change, 2018-2022	No change

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]Based on t-test analysis, $p < 0.05$.
[¶]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

White*
Tobacco Use

											Linear Change[†]	Quadratic Change[†]	Change from 2021-2022 [§]
Health Risk Behavior and Percentages													
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			

QN62: Percentage of students who report the rule about smoking inside their home is that smoking is not allowed anywhere inside their home (not counting decks, garages, or porches)

							82.5	83.8	79.4	80.5	Decreased, 2016-2022	Not available[¶]	No change

QN63: Percentage of students who were in the same room with someone who was smoking (on at least one day during the 7 days before the survey)

							20.0	17.9	18.4	20.3	No linear change	Not available	No change

QN71: Percentage of students who were taught in their classes about the dangers of tobacco use (during the last school year)

					85.8	84.7	78.8	79.3	68.6	76.0	Decreased, 2013-2022	Decreased, 2013-2016 / Decreased, 2016-2022	Increased

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]Based on t-test analysis, $p < 0.05$.
[¶]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

White*
Alcohol and Other Drug Use

					Health Risk Behavior and Percentages						**Linear Change[†]**	**Quadratic Change[†]**	**Change from 2021-2022 [§]**
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			
QN26: Percentage of students who ever drank alcohol (other than a few sips)													
					21.0	15.3	18.1	15.2	17.2	15.9	Decreased, 2013-2022	Decreased, 2013-2018 No change, 2018-2022	No change
QN27: Percentage of students who drank alcohol for the first time before age 11 years (other than a few sips)													
					9.2	6.9	8.9	6.6	8.6	8.7	No linear change	Decreased, 2013-2018 Increased, 2018-2022	No change
QN28: Percentage of students who ever used marijuana													
					6.2	4.6	4.2	4.4	3.7	3.3	Decreased, 2013-2022	No quadratic change	No change
QN29: Percentage of students who tried marijuana for the first time before age 11 years													
					1.5	2.6	1.3	1.4	1.1	0.6	Decreased, 2013-2022	No quadratic change	Decreased

*Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]Based on t-test analysis, $p < 0.05$.

Maryland Middle School Survey
Trend Analysis Report

White*
Alcohol and Other Drug Use

					Health Risk Behavior and Percentages						**Linear Change[†]**	**Quadratic Change[†]**	**Change from 2021-2022 [§]**
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			

QN30: Percentage of students who ever took prescription pain medicine without a doctor's prescription or differently than how a doctor told them to use it (counting drugs such as codeine, Vicodin, Oxycontin, hydrocodone, and Percocet)

2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	2022	Linear Change	Quadratic Change	Change from 2021-2022
							3.2	4.8	8.0	7.5	Increased, 2016-2022	Not available[¶]	No change

QN31: Percentage of students who ever used cocaine (any form of cocaine, including powder, crack, or freebase)

2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	2022	Linear Change	Quadratic Change	Change from 2021-2022
					2.4	2.5	2.4	1.1	1.4	0.6	Decreased, 2013-2022	No quadratic change	Decreased

QN32: Percentage of students who ever used inhalants (sniffed glue, breathed the contents of spray cans, or inhaled any paints or sprays to get high)

2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	2022	Linear Change	Quadratic Change	Change from 2021-2022
					7.3	4.8	5.0	4.3	4.0	4.0	Decreased, 2013-2022	Decreased, 2013-2016 Decreased, 2016-2022	No change

QN64: Percentage of students who currently drank alcohol (at least one drink of alcohol, on at least 1 day during the 30 days before the survey)

2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	2022	Linear Change	Quadratic Change	Change from 2021-2022
					9.8	6.9	8.0	6.6	5.7	6.2	Decreased, 2013-2022	No quadratic change	No change

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[§]Based on t-test analysis, $p < 0.05$.
[¶]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

White*
Alcohol and Other Drug Use

				Health Risk Behavior and Percentages							**Linear Change**[†]	**Quadratic Change**[†]	**Change from 2021-2022** [§]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			
QN65: Percentage of students who currently used marijuana (one or more times during the 30 days before the survey)													
					5.3	4.0	3.3	3.9	2.5	2.3	Decreased, 2013-2022	No quadratic change	No change

[*]Non-Hispanic.
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[§]Based on t-test analysis, $p < 0.05$.

Maryland Middle School Survey
Trend Analysis Report

White*
Sexual Behaviors

				Health Risk Behavior and Percentages							**Linear Change**[†]	**Quadratic Change**[†]	**Change from 2021-2022** [§]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			
QN33: Percentage of students who ever had sexual intercourse													
						4.2	3.7	3.8	4.5	3.5	No linear change	Not available[¶]	Decreased

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]Based on t-test analysis, $p < 0.05$.
[¶]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

White*
Dietary Behaviors

											Linear Change[†]	Quadratic Change[†]	Change from 2021-2022 [§]
Health Risk Behavior and Percentages													
2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	2022			

QN37: Percentage of students who described themselves as slightly or very overweight

											Linear Change	Quadratic Change	Change
					23.4	23.4	23.7	23.8	24.7	21.9	No linear change	No quadratic change	Decreased

QN38: Percentage of students who were trying to lose weight

					40.8	38.3	37.8	38.2	37.8	38.2	No linear change	Decreased, 2013-2016 No change, 2016-2022	No change

QN39: Percentage of students who did not eat breakfast (during the 7 days before the survey)

					8.6	7.5	8.4	9.1	13.4	12.4	Increased, 2013-2022	No change, 2013-2016 Increased, 2016-2022	No change

QNBK7DAY: Percentage of students who ate breakfast on all 7 days (during the 7 days before the survey)

					53.6	58.0	52.1	51.4	41.9	42.3	Decreased, 2013-2022	Decreased, 2013-2018 Decreased, 2018-2022	Not available

*Non-Hispanic.
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[§]Based on t-test analysis, p < 0.05.

Maryland Middle School Survey
Trend Analysis Report

White*
Physical Activity

					Health Risk Behavior and Percentages						**Linear Change**[†]	**Quadratic Change**[†]	**Change from 2021-2022** [§]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			

QN40: Percentage of students who were physically active at least 60 minutes per day on 5 or more days (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey)

					2013	**2014**	**2016**	**2018**	**2021**	**2022**			
					61.4	62.7	59.9	60.6	56.7	60.2	Decreased, 2013-2022	No quadratic change	Increased

QNPA0DAY: Percentage of students who did not participate in at least 60 minutes of physical activity on at least 1 day (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey)

					6.7	6.3	7.6	7.4	8.3	8.3	Increased, 2013-2022	No quadratic change	Not available

QNPA7DAY: Percentage of students who were physically active at least 60 minutes per day on all 7 days (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey)

					34.0	36.0	33.7	32.8	31.5	34.6	Decreased, 2013-2022	No quadratic change	Not available

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Maryland Middle School Survey
Trend Analysis Report

White*
Physical Activity

					Health Risk Behavior and Percentages						**Linear Change**[†]	**Quadratic Change**[†]	**Change from 2021-2022** [§]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			
QN41: Percentage of students who attended physical education (PE) classes on 1 or more days (in an average week when they were in school)													
					93.1	93.3	91.6	91.3	86.2	87.9	Decreased, 2013-2022	No quadratic change	No change
QNDLYPE: Percentage of students who attended physical education (PE) classes on all 5 days (in an average week when they were in school)													
					21.9	31.6	31.4	33.4	35.0	34.2	Increased, 2013-2022	No quadratic change	Not available
QN42: Percentage of students who played on at least one sports team (counting any teams run by their school or community groups, during the past 12 months before the survey)													
						71.1	69.7	67.9	62.7	66.1	Decreased, 2014-2022	Not available[¶]	Increased

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[§]Based on t-test analysis, p < 0.05.
[¶]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

White*
Physical Activity

					Health Risk Behavior and Percentages						**Linear Change**[†]	**Quadratic Change**[†]	**Change from 2021-2022** [§]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			

QN43: Percentage of students who had a concussion from playing a sport or being physically active (one or more times during the 12 months before the survey)

							2016	**2018**	**2021**	**2022**	Linear	Quadratic	Change
							16.0	13.8	13.4	15.5	No linear change	Not available[¶]	Increased

QN66: Percentage of students who spent 3 or more hours of screen time (in front of a TV, computer, smart phone, or other electronic device watching shows or videos, playing games, accessing the Internet, or using social media, not counting time spent doing schoolwork)

									2021	**2022**	Linear	Quadratic	Change
									69.1	64.3	Decreased, 2021-2022	Not available	Decreased

*Non-Hispanic.
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[§]Based on t-test analysis, p < 0.05.
[¶]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

White*
Other

						Health Risk Behavior and Percentages					Linear Change[†]	Quadratic Change[†]	Change from 2021-2022 [§]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			

QN46: Percentage of students who got 8 or more hours of sleep (on an average school night)

| | | | | | 59.4 | 62.3 | 59.3 | 58.6 | 51.4 | 54.2 | Decreased, 2013-2022 | No change, 2013-2018 Decreased, 2018-2022 | No change |

QN47: Percentage of students who usually did not sleep in their parent's or guardian's home (during the 30 days before the survey)

| | | | | | | | | 1.1 | 2.1 | 1.3 | Increased, 2018-2022 | Not available[¶] | Decreased |

QN67: Percentage of students who saw a dentist (for a check-up, exam, teeth cleaning, or other dental work, during the 12 months before the survey)

| | | | | | | | 79.0 | 80.9 | 77.3 | 77.1 | Decreased, 2016-2022 | Not available | No change |

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[§]Based on t-test analysis, $p < 0.05$.
[¶]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

White*
Other

											Health Risk Behavior and Percentages	Linear Change[†]	Quadratic Change[†]	Change from 2021-2022 [§]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**				

QN70: Percentage of students who reported that they have a disability or long-term health problem that keeps them from doing everyday activities (such as bathing, getting dressed, doing schoolwork, playing sports, or being with friends)

| | | | | | | | | | 6.8 | 6.2 | No linear change | Not available[¶] | No change |

QN72: Percentage of students who participate in extracurricular activities at school (such as sports, band, drama, clubs, or student government)

| | | | | | 66.2 | 67.4 | 64.0 | 64.3 | 58.0 | 62.8 | Decreased, 2013-2022 | No quadratic change | Increased |

QN73: Percentage of students who reported that their family was often or sometimes worried that their food money would run out before they got money to buy more (during the 12 months before the survey)

| | | | | | | | | 12.4 | 10.1 | 13.8 | No linear change | Not available | Increased |

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[¶]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

White*
Other

					Health Risk Behavior and Percentages						**Linear Change**[†]	**Quadratic Change**[†]	**Change from 2021-2022** [§]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			

QN74: Percentage of students who reported that often or sometimes the food their family bought did not last and they did not have money to get more (during the 12 months before the survey)

| | | | | | | | | 9.3 | 6.6 | 9.5 | No linear change | Not available[¶] | Increased |

QN75: Percentage of students who say definitely yes or probably yes that young people who smoke have more friends

| | | | | | 17.1 | 17.3 | 16.0 | 22.3 | 21.3 | 21.3 | Increased, 2013-2022 | No quadratic change | No change |

QN76: Percentage of students who say definitely yes or probably yes that smoking makes young people look cool or fit in

| | | | | | 10.7 | 11.5 | 8.7 | 13.9 | 11.6 | 9.7 | No linear change | Increased, 2013-2018 Decreased, 2018-2022 | Decreased |

QN77: Percentage of students who somewhat or strongly disapprove of someone their age having one or two drinks of an alcoholic beverage nearly every day

| | | | | | | | 84.6 | 85.5 | 84.2 | 84.0 | No linear change | Not available | No change |

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[§]Based on t-test analysis, $p < 0.05$.
[¶]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

White*
Other

					Health Risk Behavior and Percentages						Linear Change[†]	Quadratic Change[†]	Change from 2021-2022 [§]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			

QN78: Percentage of students who reported that their parents would feel it would be wrong or very wrong for them to drink beer, wine, or hard liquor at least once or twice a month (such as vodka, whiskey, or gin)

| | | | | | 88.3 | 88.4 | 89.0 | 90.2 | 89.3 | 86.8 | No linear change | Increased, 2013-2018 Decreased, 2018-2022 | Decreased |

QN79: Percentage of students who think people are at moderate or great risk of harming themselves (physically or in other ways) if they have one or two drinks of alcohol nearly every day (beer, wine, or liquor)

| | | | | | 72.0 | 71.6 | 78.8 | 74.4 | 72.0 | 70.7 | No linear change | Increased, 2013-2016 Decreased, 2016-2022 | No change |

QN80: Percentage of students who think people are at moderate or great risk of harming themselves (physically and in other ways) if they have five or more drinks of alcohol once or twice a week (beer, wine, or liquor)

| | | | | | 80.7 | 79.4 | 84.3 | 80.3 | 79.8 | 78.7 | Decreased, 2013-2022 | Increased, 2013-2016 Decreased, 2016-2022 | No change |

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[§]Based on t-test analysis, $p < 0.05$.

Maryland Middle School Survey
Trend Analysis Report

White*
Other

					Health Risk Behavior and Percentages						Linear Change[†]	Quadratic Change[†]	Change from 2021-2022 [§]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			
QNNODNT: Percentage of students who never saw a dentist (for a check-up, exam, teeth cleaning, or other dental work)													
							0.6	0.5	0.6	0.9	No linear change	Not available[¶]	Not available

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[§]Based on t-test analysis, p < 0.05.
[¶]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

White*
Mental Health

												Linear Change[†]	Quadratic Change[†]	Change from 2021-2022 [§]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**				
QN17: Percentage of students who ever tried to kill themselves														
							5.0	5.4	6.8	6.4		Increased, 2016-2022	Not available[¶]	No change
QN45: Percentage of students who reported that their mental health was most of the time or always not good (including stress, anxiety, and depression, during the 30 days before the survey)														
									23.9	22.4		No linear change	Not available	No change

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]Based on t-test analysis, $p < 0.05$.
[¶]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

White*
Protective Factors

					Health Risk Behavior and Percentages						**Linear Change**[†]	**Quadratic Change**[†]	**Change from 2021-2022** [§]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			
QN85: Percentage of students who have an adult outside of school they can talk to about things that are important to them													
					88.3	90.7	90.6	91.4	88.9	89.2	No linear change	Increased, 2013-2018 Decreased, 2018-2022	No change
QN86: Percentage of students who would feel comfortable seeking help from one or more adults besides their parents if they had an important question affecting their life													
					82.7	83.7	83.1	84.9	85.0	85.7	Increased, 2013-2022	No quadratic change	No change
QN88: Percentage of students who talked to a teacher or other adult in their school about a personal problem they had (during the 12 months before the survey)													
					31.3	32.0	34.0	31.1	32.4	29.7	No linear change	Increased, 2013-2016 Decreased, 2016-2022	Decreased

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[§]Based on t-test analysis, $p < 0.05$.

Maryland Middle School Survey
Trend Analysis Report

White*
Protective Factors

											Linear Change[†]	Quadratic Change[†]	Change from 2021-2022 [§]
Health Risk Behavior and Percentages													
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			

QN89: Percentage of students who strongly agree or agree that their teachers really care about them and give them a lot of encouragement

					62.3	62.7	60.5	63.0	59.6	53.9	Decreased, 2013-2022	No change, 2013-2018 Decreased, 2018-2022	Decreased

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]Based on t-test analysis, $p < 0.05$.

Maryland Middle School Survey
Trend Analysis Report

White*
Adverse Childhood Experiences

				Health Risk Behavior and Percentages							Linear Change[†]	Quadratic Change[†]	Change from 2021-2022 [§]
2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	2022			

QN84: Percentage of students who have ever been separated from a parent or guardian because they went to jail, prison, or a detention center

									2021	2022	Linear Change	Quadratic Change	Change from 2021-2022
									8.9	8.4	No linear change	Not available[¶]	No change

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[§]Based on t-test analysis, p < 0.05.
[¶]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Black*
Injury and Violence

					Health Risk Behavior and Percentages						**Linear Change**[†]	**Quadratic Change**[†]	**Change from 2021-2022** [§]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			

QN6: Percentage of students who rarely or never wore a bicycle helmet (among students who had ridden a bicycle)

| | | | | | 84.5 | 79.6 | 80.2 | 77.2 | 75.9 | 73.5 | Decreased, 2013-2022 | No quadratic change | No change |

QN7: Percentage of students who rarely or never wore a helmet when rollerblading or skateboarding (among students who used rollerblades or rode a skateboard)

| | | | | | 85.1 | 79.1 | 79.7 | 79.1 | 76.3 | 73.4 | Decreased, 2013-2022 | No quadratic change | No change |

QN8: Percentage of students who did not always wear a seat belt (when riding in a car driven by someone else)

| | | | | | 49.9 | 44.4 | 42.6 | 44.1 | 43.6 | 47.6 | No linear change | Decreased, 2013-2016 Increased, 2016-2022 | Increased |

QN9: Percentage of students who ever rode with a driver who had been drinking alcohol (in a car)

| | | | | | 18.2 | 16.2 | 18.3 | 13.8 | 14.6 | 15.7 | Decreased, 2013-2022 | No quadratic change | No change |

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[§]Based on t-test analysis, $p < 0.05$.

Maryland Middle School Survey
Trend Analysis Report

Black*
Injury and Violence

					Health Risk Behavior and Percentages						**Linear Change†**	**Quadratic Change†**	**Change from 2021-2022 §**
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			
QN10: Percentage of students who were ever in a physical fight													
					71.7	65.3	70.1	64.4	63.6	64.4	Decreased, 2013-2022	No quadratic change	No change
QN11: Percentage of students who ever saw someone get physically attacked, beaten, stabbed, or shot in their neighborhood													
								28.8	36.0		Increased, 2021-2022	Not available¶	Increased
QN13: Percentage of students who were ever bullied on school property													
							36.5	35.6	39.5		No linear change	Not available	Increased
QN14: Percentage of students who were ever electronically bullied (counting being bullied through texting, Instagram, Facebook, or other social media)													
							15.3	22.9	25.7		Increased, 2018-2022	Not available	Increased

*Non-Hispanic.
†Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
§Based on t-test analysis, $p < 0.05$.
¶Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Black*
Injury and Violence

					Health Risk Behavior and Percentages						**Linear Change[†]**	**Quadratic Change[†]**	**Change from 2021-2022 [§]**
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			
QN15: Percentage of students who ever seriously thought about killing themselves													
					21.3	19.8	23.8	27.8	30.2	26.5	Increased, 2013-2022	Increased, 2013-2018 No change, 2018-2022	Decreased
QN16: Percentage of students who ever made a plan about how they would kill themselves													
						15.3	16.9	21.8	20.2		Increased, 2016-2022	Not available[¶]	No change
QN49: Percentage of students who have ever ridden in a car driven by someone who was texting while they were driving the car													
						51.0	57.4	48.7	54.4	51.6	No linear change	Not available	No change

*Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[§]Based on t-test analysis, p < 0.05.
[¶]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Black*
Injury and Violence

						Health Risk Behavior and Percentages					**Linear Change[†]**	**Quadratic Change[†]**	**Change from 2021-2022 [§]**
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			

QN50: Percentage of students who reported that someone they were dating or going out with physically hurt them on purpose (counting such things as being hit, slammed into something, or injured with an object or weapon, among students who have ever dated or gone out with someone)

								10.3	12.0	9.3	No linear change	Not available[¶]	Decreased

QN51: Percentage of students who felt sad or hopeless (almost every day for >=2 weeks in a row so that they stopped doing some usual activities, ever during the 12 months before the survey)

					25.9	23.0	26.2	28.0	39.6	35.2	Increased, 2013-2022	No change, 2013-2016 Increased, 2016-2022	Decreased

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[§]Based on t-test analysis, p < 0.05.
[¶]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Black*
Tobacco Use

					Health Risk Behavior and Percentages						**Linear Change**[†]	**Quadratic Change**[†]	**Change from 2021-2022** [§]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			
QN18: Percentage of students who ever smoked a cigarette (even one or two puffs)													
							9.8	6.9	5.9	3.9	Decreased, 2016-2022	Not available[¶]	Decreased
QN20: Percentage of students who currently smoked cigarettes (on at least 1 day during the 30 days before the survey)													
					3.8	2.5	0.9	0.9	1.2	0.8	Decreased, 2013-2022	Decreased, 2013-2016 No change, 2016-2022	No change
QNFRCIG: Percentage of students who currently smoked cigarettes frequently (on 20 or more days during the 30 days before the survey)													
					0.5	0.3	0.1	0.1	0.1	0.2	Decreased, 2013-2022	Decreased, 2013-2018 No change, 2018-2022	Not available
QNDAYCIG: Percentage of students who currently smoked cigarettes daily (on all 30 days during the 30 days before the survey)													
					0.4	0.2	0.1	0.1	0.0	0.2	No linear change	Decreased, 2013-2018 No change, 2018-2022	Not available

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]Based on t-test analysis, $p < 0.05$.
[¶]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Black*
Tobacco Use

											Linear Change[†]	Quadratic Change[†]	Change from 2021-2022 [§]
Health Risk Behavior and Percentages													
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			

QN22: Percentage of students who ever used an electronic vapor product

						2014	2016	2018	2021	2022	Linear Change	Quadratic Change	Change from 2021-2022
						18.8	20.4	19.2	16.8	12.1	Decreased, 2014-2022	Not available[¶]	Decreased

QNFREVP: Percentage of students who currently used electronic vapor products frequently (on 20 or more days during the 30 days before the survey)

						2014	2016	2018	2021	2022			
						0.5	0.3	0.3	0.5	0.9	Increased, 2014-2022	Not available	Not available

QNDAYEVP: Percentage of students who currently used electronic vapor products daily (on all 30 days during the 30 days before the survey)

						2014	2016	2018	2021	2022			
						0.4	0.3	0.3	0.3	0.7	No linear change	Not available	Not available

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]Based on t-test analysis, $p < 0.05$.
[¶]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Black*
Tobacco Use

											Linear Change[†]	Quadratic Change[†]	Change from 2021-2022 [§]
Health Risk Behavior and Percentages													
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			

QN23: Percentage of students who currently used an electronic vapor product (including e-cigarettes, vapes, vape pens, e-cigars, e-hookahs, hookah pens, and mods [such as JUUL, SMOK, Suorin, Vuse, and blu], on at least 1 day during the 30 days before the survey)

						9.3	4.6	4.9	5.7	6.5	Decreased, 2014-2022	Not available[¶]	No change

QN24: Percentage of students who currently used smokeless tobacco (chewing tobacco, snuff, dip, snus, or dissolvable tobacco products [such as Copenhagen, Grizzly, Skoal, Camel Snus, or Velo Nicotine Lozenges], not counting any electronic vapor products, on at least 1 day during the 30 days before the survey)

						2.0	2.6	1.3	1.5		Decreased, 2016-2022	Not available	No change

QNFRSKL: Percentage of students who currently used smokeless tobacco frequently (chewing tobacco, snuff, dip, snus, or dissolvable tobacco products [such as Copenhagen, Grizzly, Skoal, or Camel Snus], not counting any electronic vapor products, on 20 or more days during the 30 days before the survey)

						0.2	0.1	0.1	0.2		No linear change	Not available	Not available

*Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]Based on t-test analysis, $p < 0.05$.
[¶]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Black*
Tobacco Use

											Health Risk Behavior and Percentages	Linear Change[†]	Quadratic Change[†]	Change from 2021-2022 [§]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**				

QNDAYSKL: Percentage of students who currently used smokeless tobacco daily (chewing tobacco, snuff, dip, snus, or dissolvable tobacco products [such as Copenhagen, Grizzly, Skoal, or Camel Snus], not counting any electronic vapor products, on all 30 days during the 30 days before the survey)

							0.1	0.1	0.0	0.2		No linear change	Not available[¶]	Not available

QN25: Percentage of students who currently smoked cigars, cigarillos, or little cigars (such as Swisher Sweets, Middleton's [including Black & Mild], or Backwoods, on at least 1 day during the 30 days before the survey)

					5.5	4.6	2.7	2.1	2.1	2.1		Decreased, 2013-2022	Decreased, 2013-2016 No change, 2016-2022	No change

QNFRCGR: Percentage of students who currently smoked cigars frequently (cigars, cigarillos, or little cigars, on 20 or more days during the 30 days before the survey)

					0.8	0.4	0.1	0.1	0.1	0.6		No linear change	Decreased, 2013-2018 Increased, 2018-2022	Not available

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]Based on t-test analysis, $p < 0.05$.
[¶]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Black*
Tobacco Use

											Health Risk Behavior and Percentages	**Linear Change[†]**	**Quadratic Change[†]**	**Change from 2021-2022 [§]**
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**				

QNDAYCGR: Percentage of students who currently smoked cigars daily (cigars, cigarillos, or little cigars, on all 30 days during the 30 days before the survey)

| | | | | | 0.6 | 0.3 | 0.1 | 0.1 | 0.0 | 0.3 | | Decreased, 2013-2022 | Decreased, 2013-2018 / No change, 2018-2022 | Not available |

QNTB2: Percentage of students who currently smoked cigarettes or cigars (on at least 1 day during the 30 days before the survey)

| | | | | | 6.1 | 4.8 | 2.6 | 2.1 | 2.5 | 2.3 | | Decreased, 2013-2022 | Decreased, 2013-2016 / No change, 2016-2022 | Not available |

QNTB3: Percentage of students who currently smoked cigarettes or cigars or used smokeless tobacco (on at least 1 day during the 30 days before the survey)

| | | | | | | | 3.2 | 3.3 | 2.8 | 2.8 | | No linear change | Not available[¶] | Not available |

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[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[§]Based on t-test analysis, p < 0.05.
[¶]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Black*
Tobacco Use

											Linear Change[†]	Quadratic Change[†]	Change from 2021-2022 [§]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			

Health Risk Behavior and Percentages

QNTB4: Percentage of students who currently smoked cigarettes or cigars or used smokeless tobacco or electronic vapor products (on at least 1 day during the 30 days before the survey)

| | | | | | | | 5.2 | 6.6 | 6.8 | 7.6 | Increased, 2016-2022 | Not available[¶] | Not available |

QNTB5: Percentage of students who currently smoked cigarettes or used electronic vapor products (on at least 1 day during the 30 days before the survey)

| | | | | | | 9.9 | 4.3 | 5.0 | 6.0 | 6.5 | Decreased, 2014-2022 | Not available | Not available |

QN52: Percentage of students who usually use a kind of flavoring other than tobacco flavor with an electronic vapor product (among students who have ever used an electronic vapor product)

| | | | | | | | 87.2 | 94.3 | 92.4 | 98.3 | Increased, 2016-2022 | Not available | Increased |

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]Based on t-test analysis, $p < 0.05$.
[¶]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Black*
Tobacco Use

					Health Risk Behavior and Percentages						**Linear Change**[†]	**Quadratic Change**[†]	**Change from 2021-2022** [§]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			
QN53: Percentage of students who used electronic vapor products mainly because a friend or family member used them (among students who have ever used an electronic vapor product)													
								46.6	39.6	46.3	No linear change	Not available[¶]	No change
QN54: Percentage of students who think they definitely or probably will use an electronic vapor product in the next year													
								12.6	10.5	8.2	Decreased, 2018-2022	Not available	Decreased
QN55: Percentage of students who used flavored tobacco products (flavored cigars, cigarillos, or little cigars, flavored smokeless tobacco products, or both, not counting menthol cigarettes, during the 30 days before the survey)													
					4.3	3.9	2.3	0.9	0.9	0.8	Decreased, 2013-2022	No quadratic change	No change

[*]Non-Hispanic.
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[§]Based on t-test analysis, $p < 0.05$.
[¶]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Black*
Tobacco Use

					Health Risk Behavior and Percentages						**Linear Change[†]**	**Quadratic Change[†]**	**Change from 2021-2022 [§]**
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			

QN56: Percentage of students who tried or used tobacco products for the first time (during the 12 months before the survey)

| | | | | | | 5.6 | 4.9 | 1.2 | 2.0 | 3.4 | Decreased, 2014-2022 | Not available[¶] | Increased |

QN57: Percentage of students who completely quit using all tobacco products (during the 12 months before the survey, among students who used tobacco products during the 12 months before the survey)

| | | | | | 53.3 | 56.8 | 74.3 | 40.0 | 37.5 | 26.9 | Decreased, 2013-2022 | Increased, 2013-2016 Decreased, 2016-2022 | Decreased |

QN61: Percentage of students who live with someone who now smokes cigarettes or cigars

| | | | | | 41.2 | 38.4 | 34.5 | 31.5 | 28.2 | 29.3 | Decreased, 2013-2022 | Decreased, 2013-2018 No change, 2018-2022 | No change |

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]Based on t-test analysis, $p < 0.05$.
[¶]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Black*
Tobacco Use

											Linear Change[†]	Quadratic Change[†]	Change from 2021-2022 [§]
Health Risk Behavior and Percentages													
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			

QN62: Percentage of students who report the rule about smoking inside their home is that smoking is not allowed anywhere inside their home (not counting decks, garages, or porches)

| | | | | | | | 76.7 | 78.3 | 75.7 | 75.0 | No linear change | Not available[¶] | No change |

QN63: Percentage of students who were in the same room with someone who was smoking (on at least one day during the 7 days before the survey)

| | | | | | | | 18.7 | 16.2 | 16.6 | 19.0 | No linear change | Not available | Increased |

QN71: Percentage of students who were taught in their classes about the dangers of tobacco use (during the last school year)

| | | | | | 76.8 | 74.1 | 68.4 | 68.6 | 56.3 | 65.3 | Decreased, 2013-2022 | Decreased, 2013-2016 Decreased, 2016-2022 | Increased |

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[§]Based on t-test analysis, p < 0.05.
[¶]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Black*
Alcohol and Other Drug Use

						Health Risk Behavior and Percentages						**Linear Change**[†]	**Quadratic Change**[†]	**Change from 2021-2022** [§]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**				

QN26: Percentage of students who ever drank alcohol (other than a few sips)

					29.9	21.6	25.4	21.3	21.7	19.5	Decreased, 2013-2022	No quadratic change	No change

QN27: Percentage of students who drank alcohol for the first time before age 11 years (other than a few sips)

					15.1	10.3	12.4	11.2	11.4	11.0	Decreased, 2013-2022	No quadratic change	No change

QN28: Percentage of students who ever used marijuana

					12.4	10.6	9.6	9.3	6.7	6.2	Decreased, 2013-2022	No quadratic change	No change

QN29: Percentage of students who tried marijuana for the first time before age 11 years

					4.3	5.5	3.4	3.8	1.3	1.3	Decreased, 2013-2022	Decreased, 2013-2018 Decreased, 2018-2022	No change

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]Based on t-test analysis, $p < 0.05$.

Maryland Middle School Survey
Trend Analysis Report

Black*
Alcohol and Other Drug Use

					Health Risk Behavior and Percentages						**Linear Change**[†]	**Quadratic Change**[†]	**Change from 2021-2022**[§]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			
QN30: Percentage of students who ever took prescription pain medicine without a doctor's prescription or differently than how a doctor told them to use it (counting drugs such as codeine, Vicodin, Oxycontin, hydrocodone, and Percocet)													
							6.0	9.4	13.2	14.0	Increased, 2016-2022	Not available[¶]	No change
QN31: Percentage of students who ever used cocaine (any form of cocaine, including powder, crack, or freebase)													
					4.4	4.2	5.1	2.4	2.3	1.3	Decreased, 2013-2022	No change, 2013-2016 Decreased, 2016-2022	Decreased
QN32: Percentage of students who ever used inhalants (sniffed glue, breathed the contents of spray cans, or inhaled any paints or sprays to get high)													
					12.8	7.2	7.2	6.4	5.5	4.9	Decreased, 2013-2022	Decreased, 2013-2016 Decreased, 2016-2022	No change
QN64: Percentage of students who currently drank alcohol (at least one drink of alcohol, on at least 1 day during the 30 days before the survey)													
					13.3	8.9	9.9	8.3	7.6	6.2	Decreased, 2013-2022	No quadratic change	No change

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[§]Based on t-test analysis, p < 0.05.
[¶]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Black*
Alcohol and Other Drug Use

					Health Risk Behavior and Percentages						Linear Change[†]	Quadratic Change[†]	Change from 2021-2022 [§]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			

QN65: Percentage of students who currently used marijuana (one or more times during the 30 days before the survey)

					10.4	9.1	7.0	6.8	4.6	4.1	Decreased, 2013-2022	No quadratic change	No change

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[§]Based on t-test analysis, p < 0.05.

Maryland Middle School Survey
Trend Analysis Report

Black*
Sexual Behaviors

					Health Risk Behavior and Percentages						**Linear Change**[†]	**Quadratic Change**[†]	**Change from 2021-2022** [§]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			
QN33: Percentage of students who ever had sexual intercourse													
						12.6	10.4	10.1	7.6	8.8	Decreased, 2014-2022	Not available[¶]	No change

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]Based on t-test analysis, $p < 0.05$.
[¶]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Black*
Dietary Behaviors

					Health Risk Behavior and Percentages						Linear Change[†]	Quadratic Change[†]	Change from 2021-2022 [§]
2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	2022			

QN37: Percentage of students who described themselves as slightly or very overweight

| | | | | | 24.0 | 21.9 | 24.8 | 23.4 | 28.2 | 24.5 | Increased, 2013-2022 | No quadratic change | Decreased |

QN38: Percentage of students who were trying to lose weight

| | | | | | 45.2 | 42.5 | 44.3 | 43.7 | 44.7 | 43.4 | No linear change | No quadratic change | No change |

QN39: Percentage of students who did not eat breakfast (during the 7 days before the survey)

| | | | | | 12.4 | 11.0 | 12.9 | 13.0 | 17.7 | 16.6 | Increased, 2013-2022 | No quadratic change | No change |

QNBK7DAY: Percentage of students who ate breakfast on all 7 days (during the 7 days before the survey)

| | | | | | 40.6 | 46.4 | 40.6 | 40.6 | 30.4 | 32.5 | Decreased, 2013-2022 | Decreased, 2013-2018 Decreased, 2018-2022 | Not available |

*Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]Based on t-test analysis, $p < 0.05$.

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Maryland Middle School Survey
Trend Analysis Report

Black*
Physical Activity

					Health Risk Behavior and Percentages						**Linear Change**[†]	**Quadratic Change**[†]	**Change from 2021-2022** [§]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			

QN40: Percentage of students who were physically active at least 60 minutes per day on 5 or more days (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey)

| | | | | | 43.4 | 45.2 | 41.8 | 42.0 | 38.1 | 40.6 | Decreased, 2013-2022 | No quadratic change | No change |

QNPA0DAY: Percentage of students who did not participate in at least 60 minutes of physical activity on at least 1 day (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey)

| | | | | | 17.2 | 18.1 | 19.4 | 21.8 | 22.2 | 21.5 | Increased, 2013-2022 | No quadratic change | Not available |

QNPA7DAY: Percentage of students who were physically active at least 60 minutes per day on all 7 days (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey)

| | | | | | 25.6 | 28.4 | 26.6 | 26.1 | 22.2 | 25.7 | Decreased, 2013-2022 | No quadratic change | Not available |

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]Based on t-test analysis, $p < 0.05$.

Maryland Middle School Survey
Trend Analysis Report

Black*
Physical Activity

					Health Risk Behavior and Percentages						**Linear Change**[†]	**Quadratic Change**[†]	**Change from 2021-2022** [§]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			
QN41: Percentage of students who attended physical education (PE) classes on 1 or more days (in an average week when they were in school)													
					78.2	77.6	75.1	78.4	68.1	73.1	Decreased, 2013-2022	No quadratic change	No change
QNDLYPE: Percentage of students who attended physical education (PE) classes on all 5 days (in an average week when they were in school)													
					16.3	23.7	17.6	25.2	28.4	24.0	Increased, 2013-2022	No quadratic change	Not available
QN42: Percentage of students who played on at least one sports team (counting any teams run by their school or community groups, during the past 12 months before the survey)													
						57.3	57.6	51.5	45.8	53.8	Decreased, 2014-2022	Not available[¶]	Increased

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[§]Based on t-test analysis, p < 0.05.
[¶]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Black*
Physical Activity

	Health Risk Behavior and Percentages											Linear Change[†]	Quadratic Change[†]	Change from 2021-2022 [§]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			

QN43: Percentage of students who had a concussion from playing a sport or being physically active (one or more times during the 12 months before the survey)

2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	2022	Linear Change	Quadratic Change	Change from 2021-2022
							19.5	18.9	18.9	21.1	No linear change	Not available[¶]	No change

QN66: Percentage of students who spent 3 or more hours of screen time (in front of a TV, computer, smart phone, or other electronic device watching shows or videos, playing games, accessing the Internet, or using social media, not counting time spent doing schoolwork)

2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	2022	Linear Change	Quadratic Change	Change from 2021-2022
									76.2	72.9	Decreased, 2021-2022	Not available	Decreased

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[§]Based on t-test analysis, p < 0.05.
[¶]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Black*
Other

					Health Risk Behavior and Percentages						Linear Change[†]	Quadratic Change[†]	Change from 2021-2022 [§]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			

QN46: Percentage of students who got 8 or more hours of sleep (on an average school night)

| | | | | | 46.6 | 52.5 | 48.1 | 49.0 | 39.1 | 42.9 | Decreased, 2013-2022 | No change, 2013-2018
 Decreased, 2018-2022 | Increased |

QN47: Percentage of students who usually did not sleep in their parent's or guardian's home (during the 30 days before the survey)

| | | | | | | | | 2.2 | 3.9 | 3.1 | Increased, 2018-2022 | Not available[¶] | No change |

QN67: Percentage of students who saw a dentist (for a check-up, exam, teeth cleaning, or other dental work, during the 12 months before the survey)

| | | | | | | | 64.7 | 62.6 | 61.4 | 62.9 | No linear change | Not available | No change |

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]Based on t-test analysis, $p < 0.05$.
[¶]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Black*
Other

						Health Risk Behavior and Percentages					**Linear Change†**	**Quadratic Change†**	**Change from 2021-2022 §**
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			

QN70: Percentage of students who reported that they have a disability or long-term health problem that keeps them from doing everyday activities (such as bathing, getting dressed, doing schoolwork, playing sports, or being with friends)

| | | | | | | | | | 7.5 | 7.3 | No linear change | Not available¶ | No change |

QN72: Percentage of students who participate in extracurricular activities at school (such as sports, band, drama, clubs, or student government)

| | | | | | 59.0 | 62.0 | 59.3 | 55.9 | 50.8 | 56.7 | Decreased, 2013-2022 | No quadratic change | Increased |

QN73: Percentage of students who reported that their family was often or sometimes worried that their food money would run out before they got money to buy more (during the 12 months before the survey)

| | | | | | | | | 25.7 | 19.7 | 25.5 | No linear change | Not available | Increased |

*Non-Hispanic.
†Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
§Based on t-test analysis, p < 0.05.
¶Not enough years of data to calculate.

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Maryland Middle School Survey
Trend Analysis Report

Black*
Other

											Health Risk Behavior and Percentages	Linear Change[†]	Quadratic Change[†]	Change from 2021-2022 [§]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**				

QN74: Percentage of students who reported that often or sometimes the food their family bought did not last and they did not have money to get more (during the 12 months before the survey)

2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	2022	Linear Change	Quadratic Change	Change from 2021-2022
								23.1	17.4	20.3	Decreased, 2018-2022	Not available[¶]	Increased

QN75: Percentage of students who say definitely yes or probably yes that young people who smoke have more friends

2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	2022	Linear Change	Quadratic Change	Change from 2021-2022
					45.5	40.1	40.4	38.4	39.9	40.6	Decreased, 2013-2022	Decreased, 2013-2018 No change, 2018-2022	No change

QN76: Percentage of students who say definitely yes or probably yes that smoking makes young people look cool or fit in

2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	2022	Linear Change	Quadratic Change	Change from 2021-2022
					28.5	24.8	21.7	19.7	18.1	16.1	Decreased, 2013-2022	No quadratic change	No change

QN77: Percentage of students who somewhat or strongly disapprove of someone their age having one or two drinks of an alcoholic beverage nearly every day

2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	2022	Linear Change	Quadratic Change	Change from 2021-2022
							74.0	76.0	76.2	76.8	No linear change	Not available	No change

*Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]Based on t-test analysis, $p < 0.05$.
[¶]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Black*
Other

						Health Risk Behavior and Percentages						**Linear Change**[†]	**Quadratic Change**[†]	**Change from 2021-2022** [§]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			

QN78: Percentage of students who reported that their parents would feel it would be wrong or very wrong for them to drink beer, wine, or hard liquor at least once or twice a month (such as vodka, whiskey, or gin)

| | | | | | 86.1 | 88.0 | 88.9 | 88.4 | 89.2 | 86.6 | No linear change | Increased, 2013-2016
No change, 2016-2022 | Decreased |

QN79: Percentage of students who think people are at moderate or great risk of harming themselves (physically or in other ways) if they have one or two drinks of alcohol nearly every day (beer, wine, or liquor)

| | | | | | 61.8 | 63.4 | 74.3 | 68.8 | 71.0 | 68.4 | Increased, 2013-2022 | Increased, 2013-2016
Decreased, 2016-2022 | Decreased |

QN80: Percentage of students who think people are at moderate or great risk of harming themselves (physically and in other ways) if they have five or more drinks of alcohol once or twice a week (beer, wine, or liquor)

| | | | | | 67.1 | 67.1 | 76.4 | 72.7 | 76.3 | 74.6 | Increased, 2013-2022 | Increased, 2013-2016
No change, 2016-2022 | No change |

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]Based on t-test analysis, $p < 0.05$.

Maryland Middle School Survey
Trend Analysis Report

Black*
Other

				Health Risk Behavior and Percentages							Linear Change[†]	Quadratic Change[†]	Change from 2021-2022 [§]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			

QNNODNT: Percentage of students who never saw a dentist (for a check-up, exam, teeth cleaning, or other dental work)

							2016	2018	2021	2022			
							1.9	2.1	1.6	1.9	No linear change	Not available[¶]	Not available

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]Based on t-test analysis, $p < 0.05$.
[¶]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Black*
Mental Health

					Health Risk Behavior and Percentages						Linear Change[†]	Quadratic Change[†]	Change from 2021-2022 [§]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			
QN17: Percentage of students who ever tried to kill themselves													
							10.5	11.7	13.6	11.7	Increased, 2016-2022	Not available[¶]	Decreased
QN45: Percentage of students who reported that their mental health was most of the time or always not good (including stress, anxiety, and depression, during the 30 days before the survey)													
									21.7	20.0	No linear change	Not available	No change

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[§]Based on t-test analysis, p < 0.05.
[¶]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Black*
Protective Factors

											Linear Change[†]	Quadratic Change[†]	Change from 2021-2022 [§]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			

QN85: Percentage of students who have an adult outside of school they can talk to about things that are important to them

					82.0	82.8	83.0	80.9	79.4	80.9	Decreased, 2013-2022	No quadratic change	No change

QN86: Percentage of students who would feel comfortable seeking help from one or more adults besides their parents if they had an important question affecting their life

					79.0	80.3	78.4	79.6	79.5	80.0	No linear change	No quadratic change	No change

QN88: Percentage of students who talked to a teacher or other adult in their school about a personal problem they had (during the 12 months before the survey)

					33.1	33.3	35.5	32.7	30.5	29.6	Decreased, 2013-2022	No change, 2013-2016 Decreased, 2016-2022	No change

*Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]Based on t-test analysis, $p < 0.05$.

Maryland Middle School Survey
Trend Analysis Report

Black*
Protective Factors

					Health Risk Behavior and Percentages						**Linear Change**[†]	**Quadratic Change**[†]	**Change from 2021-2022** [§]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			
QN89: Percentage of students who strongly agree or agree that their teachers really care about them and give them a lot of encouragement													
					58.1	60.0	56.6	55.4	54.0	46.7	Decreased, 2013-2022	Decreased, 2013-2018 Decreased, 2018-2022	Decreased

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[§]Based on t-test analysis, $p < 0.05$.

Maryland Middle School Survey
Trend Analysis Report

Black*
Adverse Childhood Experiences

				Health Risk Behavior and Percentages							**Linear Change[†]**	**Quadratic Change[†]**	**Change from 2021-2022 [§]**
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			

QN84: Percentage of students who have ever been separated from a parent or guardian because they went to jail, prison, or a detention center

| | | | | | | | | | 15.6 | 14.7 | No linear change | Not available[¶] | No change |

[*]Non-Hispanic.
[†]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[§]Based on t-test analysis, p < 0.05.
[¶]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Hispanic
Injury and Violence

Health Risk Behavior and Percentages											Linear Change[*]	Quadratic Change[*]	Change from 2021-2022 [†]
2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	2022			

QN6: Percentage of students who rarely or never wore a bicycle helmet (among students who had ridden a bicycle)

					2013	2014	2016	2018	2021	2022	Linear Change	Quadratic Change	Change
					79.3	63.4	74.9	67.7	70.4	67.8	Decreased, 2013-2022	No quadratic change	No change

QN7: Percentage of students who rarely or never wore a helmet when rollerblading or skateboarding (among students who used rollerblades or rode a skateboard)

| | | | | | 80.0 | 67.0 | 75.4 | 69.4 | 72.8 | 68.2 | Decreased, 2013-2022 | No quadratic change | Decreased |

QN8: Percentage of students who did not always wear a seat belt (when riding in a car driven by someone else)

| | | | | | 53.5 | 41.2 | 42.5 | 41.1 | 44.4 | 44.4 | No linear change | Decreased, 2013-2016 No change, 2016-2022 | No change |

QN9: Percentage of students who ever rode with a driver who had been drinking alcohol (in a car)

| | | | | | 26.2 | 17.5 | 22.7 | 18.3 | 19.6 | 19.1 | Decreased, 2013-2022 | No quadratic change | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.

Maryland Middle School Survey
Trend Analysis Report

Hispanic
Injury and Violence

					Health Risk Behavior and Percentages						Linear Change*	Quadratic Change*	Change from 2021-2022 †
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			
QN10: Percentage of students who were ever in a physical fight													
					56.6	46.6	50.3	46.1	41.5	43.5	Decreased, 2013-2022	No quadratic change	No change
QN11: Percentage of students who ever saw someone get physically attacked, beaten, stabbed, or shot in their neighborhood													
									25.7	29.9	Increased, 2021-2022	Not available§	Increased
QN13: Percentage of students who were ever bullied on school property													
							37.6	36.4	37.0		No linear change	Not available	No change
QN14: Percentage of students who were ever electronically bullied (counting being bullied through texting, Instagram, Facebook, or other social media)													
							16.9	26.4	26.5		Increased, 2018-2022	Not available	No change

*Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
†Based on t-test analysis, p < 0.05.
§Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Hispanic
Injury and Violence

											Health Risk Behavior and Percentages	Linear Change[*]	Quadratic Change[*]	Change from 2021-2022 [†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**				

QN15: Percentage of students who ever seriously thought about killing themselves

					24.4	21.4	24.5	26.0	30.2	26.7	Increased, 2013-2022	No quadratic change	No change

QN16: Percentage of students who ever made a plan about how they would kill themselves

						18.1	15.8	23.8	21.2	Increased, 2016-2022	Not available[§]	No change

QN49: Percentage of students who have ever ridden in a car driven by someone who was texting while they were driving the car

					47.8	55.0	43.1	47.9	44.3	Decreased, 2014-2022	Not available	No change

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Hispanic
Injury and Violence

						Health Risk Behavior and Percentages					Linear Change[*]	Quadratic Change[*]	Change from 2021-2022 [†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			
QN50: Percentage of students who reported that someone they were dating or going out with physically hurt them on purpose (counting such things as being hit, slammed into something, or injured with an object or weapon, among students who have ever dated or gone out with someone)													
								10.7	10.5	8.2	No linear change	Not available[§]	No change
QN51: Percentage of students who felt sad or hopeless (almost every day for >=2 weeks in a row so that they stopped doing some usual activities, ever during the 12 months before the survey)													
					33.0	27.5	35.1	33.3	44.4	41.1	Increased, 2013-2022	No quadratic change	Decreased

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[†]Based on t-test analysis, p < 0.05.
[§]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Hispanic
Tobacco Use

						Health Risk Behavior and Percentages						**Linear Change**[*]	**Quadratic Change**[*]	**Change from 2021-2022**[†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			
QN18: Percentage of students who ever smoked a cigarette (even one or two puffs)													
							11.4	8.9	7.3	5.8	Decreased, 2016-2022	Not available[§]	No change
QN20: Percentage of students who currently smoked cigarettes (on at least 1 day during the 30 days before the survey)													
					6.8	3.6	2.8	1.7	2.1	2.4	Decreased, 2013-2022	Decreased, 2013-2018 No change, 2018-2022	No change
QNFRCIG: Percentage of students who currently smoked cigarettes frequently (on 20 or more days during the 30 days before the survey)													
					1.3	0.7	0.5	0.3	0.3	0.7	No linear change	Decreased, 2013-2018 No change, 2018-2022	Not available
QNDAYCIG: Percentage of students who currently smoked cigarettes daily (on all 30 days during the 30 days before the survey)													
					1.1	0.4	0.5	0.2	0.2	0.6	No linear change	No quadratic change	Not available

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[†]Based on t-test analysis, p < 0.05.
[§]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Hispanic
Tobacco Use

											Linear Change[*]	Quadratic Change[*]	Change from 2021-2022 [†]

Health Risk Behavior and Percentages													
2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	2022			

QN22: Percentage of students who ever used an electronic vapor product

						19.8	23.7	23.6	18.0	14.1	Decreased, 2014-2022	Not available[§]	Decreased

QNFREVP: Percentage of students who currently used electronic vapor products frequently (on 20 or more days during the 30 days before the survey)

						1.4	1.1	1.0	0.6	1.5	No linear change	Not available	Not available

QNDAYEVP: Percentage of students who currently used electronic vapor products daily (on all 30 days during the 30 days before the survey)

						1.0	1.0	0.9	0.5	1.1	No linear change	Not available	Not available

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Hispanic
Tobacco Use

			Health Risk Behavior and Percentages								**Linear Change***	**Quadratic Change***	**Change from 2021-2022** [†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			

QN23: Percentage of students who currently used an electronic vapor product (including e-cigarettes, vapes, vape pens, e-cigars, e-hookahs, hookah pens, and mods [such as JUUL, SMOK, Suorin, Vuse, and blu], on at least 1 day during the 30 days before the survey)

| | | | | | | 10.0 | 8.6 | 7.6 | 7.4 | 9.1 | No linear change | Not available[§] | No change |

QN24: Percentage of students who currently used smokeless tobacco (chewing tobacco, snuff, dip, snus, or dissolvable tobacco products [such as Copenhagen, Grizzly, Skoal, Camel Snus, or Velo Nicotine Lozenges], not counting any electronic vapor products, on at least 1 day during the 30 days before the survey)

| | | | | | | 3.0 | 2.6 | 1.8 | 2.3 | | No linear change | Not available | No change |

QNFRSKL: Percentage of students who currently used smokeless tobacco frequently (chewing tobacco, snuff, dip, snus, or dissolvable tobacco products [such as Copenhagen, Grizzly, Skoal, or Camel Snus], not counting any electronic vapor products, on 20 or more days during the 30 days before the survey)

| | | | | | | 0.7 | 0.6 | 0.4 | 0.7 | | No linear change | Not available | Not available |

*Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[†]Based on t-test analysis, p < 0.05.
[§]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Hispanic
Tobacco Use

				Health Risk Behavior and Percentages							**Linear Change**[*]	**Quadratic Change**[*]	**Change from 2021-2022** [†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			

QNDAYSKL: Percentage of students who currently used smokeless tobacco daily (chewing tobacco, snuff, dip, snus, or dissolvable tobacco products [such as Copenhagen, Grizzly, Skoal, or Camel Snus], not counting any electronic vapor products, on all 30 days during the 30 days before the survey)

							0.6	0.5	0.3	0.6	No linear change	Not available[§]	Not available

QN25: Percentage of students who currently smoked cigars, cigarillos, or little cigars (such as Swisher Sweets, Middleton's [including Black & Mild], or Backwoods, on at least 1 day during the 30 days before the survey)

					6.8	4.3	4.5	2.6	2.3	2.6	Decreased, 2013-2022	No quadratic change	No change

QNFRCGR: Percentage of students who currently smoked cigars frequently (cigars, cigarillos, or little cigars, on 20 or more days during the 30 days before the survey)

					1.4	0.5	0.6	0.5	0.3	0.7	No linear change	No quadratic change	Not available

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Hispanic
Tobacco Use

						Health Risk Behavior and Percentages						**Linear Change***	**Quadratic Change***	**Change from 2021-2022** [†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			

QNDAYCGR: Percentage of students who currently smoked cigars daily (cigars, cigarillos, or little cigars, on all 30 days during the 30 days before the survey)

					2013	2014	2016	2018	2021	2022	Linear	Quadratic	2021-2022
					1.4	0.4	0.4	0.4	0.2	0.6	No linear change	No quadratic change	Not available

QNTB2: Percentage of students who currently smoked cigarettes or cigars (on at least 1 day during the 30 days before the survey)

					2013	2014	2016	2018	2021	2022	Linear	Quadratic	2021-2022
					8.0	4.8	4.5	2.8	3.0	3.4	Decreased, 2013-2022	Decreased, 2013-2018 No change, 2018-2022	Not available

QNTB3: Percentage of students who currently smoked cigarettes or cigars or used smokeless tobacco (on at least 1 day during the 30 days before the survey)

					2013	2014	2016	2018	2021	2022	Linear	Quadratic	2021-2022
							5.0	3.6	3.3	4.0	No linear change	Not available[§]	Not available

*Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Hispanic
Tobacco Use

Health Risk Behavior and Percentages											**Linear Change**[*]	**Quadratic Change**[*]	**Change from 2021-2022** [†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			
QNTB4: Percentage of students who currently smoked cigarettes or cigars or used smokeless tobacco or electronic vapor products (on at least 1 day during the 30 days before the survey)													
							9.2	8.9	7.9	10.4	No linear change	Not available[§]	Not available
QNTB5: Percentage of students who currently smoked cigarettes or used electronic vapor products (on at least 1 day during the 30 days before the survey)													
						10.5	8.3	7.9	7.2	9.6	No linear change	Not available	Not available
QN52: Percentage of students who usually use a kind of flavoring other than tobacco flavor with an electronic vapor product (among students who have ever used an electronic vapor product)													
							92.0	95.0	95.3	97.6	Increased, 2016-2022	Not available	No change

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[†]Based on t-test analysis, p < 0.05.
[§]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Hispanic
Tobacco Use

				Health Risk Behavior and Percentages							**Linear Change**[*]	**Quadratic Change**[*]	**Change from 2021-2022** [†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			

QN53: Percentage of students who used electronic vapor products mainly because a friend or family member used them (among students who have ever used an electronic vapor product)

| | | | | | | | | 41.6 | 32.4 | 34.3 | No linear change | Not available[§] | No change |

QN54: Percentage of students who think they definitely or probably will use an electronic vapor product in the next year

| | | | | | | | | 15.6 | 13.0 | 9.6 | Decreased, 2018-2022 | Not available | Decreased |

QN55: Percentage of students who used flavored tobacco products (flavored cigars, cigarillos, or little cigars, flavored smokeless tobacco products, or both, not counting menthol cigarettes, during the 30 days before the survey)

| | | | | | 5.2 | 4.3 | 4.1 | 1.6 | 1.2 | 1.3 | Decreased, 2013-2022 | No quadratic change | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Hispanic
Tobacco Use

											Linear Change[*]	Quadratic Change[*]	Change from 2021-2022 [†]
Health Risk Behavior and Percentages													
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			
QN56: Percentage of students who tried or used tobacco products for the first time (during the 12 months before the survey)													
						5.3	4.8	2.7	2.1	3.5	Decreased, 2014-2022	Not available[§]	Increased
QN57: Percentage of students who completely quit using all tobacco products (during the 12 months before the survey, among students who used tobacco products during the 12 months before the survey)													
					53.4	55.0	62.9	37.3	32.3	20.5	Decreased, 2013-2022	No change, 2013-2016 Decreased, 2016-2022	Decreased
QN61: Percentage of students who live with someone who now smokes cigarettes or cigars													
					38.3	30.6	29.5	25.7	22.1	22.5	Decreased, 2013-2022	Decreased, 2013-2016 Decreased, 2016-2022	No change

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[†]Based on t-test analysis, p < 0.05.
[§]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Hispanic
Tobacco Use

	Health Risk Behavior and Percentages											**Linear Change**[*]	**Quadratic Change**[*]	**Change from 2021-2022** [†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			

QN62: Percentage of students who report the rule about smoking inside their home is that smoking is not allowed anywhere inside their home (not counting decks, garages, or porches)

| | | | | | | | 84.9 | 85.8 | 84.5 | 84.7 | No linear change | Not available[§] | No change |

QN63: Percentage of students who were in the same room with someone who was smoking (on at least one day during the 7 days before the survey)

| | | | | | | | 13.5 | 11.4 | 12.3 | 14.2 | No linear change | Not available | No change |

QN71: Percentage of students who were taught in their classes about the dangers of tobacco use (during the last school year)

| | | | | | 79.8 | 80.6 | 70.7 | 70.0 | 59.9 | 67.7 | Decreased, 2013-2022 | Decreased, 2013-2016 Decreased, 2016-2022 | Increased |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Hispanic
Alcohol and Other Drug Use

											Linear Change[*]	Quadratic Change[*]	Change from 2021-2022 [†]
Health Risk Behavior and Percentages													
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			

QN26: Percentage of students who ever drank alcohol (other than a few sips)

					2013	2014	2016	2018	2021	2022	Linear Change	Quadratic Change	Change 2021-2022
					34.3	21.4	27.1	22.8	23.0	20.8	Decreased, 2013-2022	No quadratic change	No change

QN27: Percentage of students who drank alcohol for the first time before age 11 years (other than a few sips)

| | | | | | 17.4 | 11.1 | 14.4 | 11.9 | 12.2 | 11.7 | Decreased, 2013-2022 | No quadratic change | No change |

QN28: Percentage of students who ever used marijuana

| | | | | | 12.5 | 9.4 | 10.2 | 7.1 | 5.9 | 5.1 | Decreased, 2013-2022 | No quadratic change | No change |

QN29: Percentage of students who tried marijuana for the first time before age 11 years

| | | | | | 4.0 | 6.1 | 3.2 | 3.1 | 1.7 | 1.3 | Decreased, 2013-2022 | Decreased, 2013-2018 Decreased, 2018-2022 | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.

Maryland Middle School Survey
Trend Analysis Report

Hispanic
Alcohol and Other Drug Use

											Linear Change[*]	Quadratic Change[*]	Change from 2021-2022 [†]
Health Risk Behavior and Percentages													
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			

QN30: Percentage of students who ever took prescription pain medicine without a doctor's prescription or differently than how a doctor told them to use it (counting drugs such as codeine, Vicodin, Oxycontin, hydrocodone, and Percocet)

| | | | | | | | 7.5 | 8.9 | 15.7 | 12.8 | Increased, 2016-2022 | Not available[§] | Decreased |

QN31: Percentage of students who ever used cocaine (any form of cocaine, including powder, crack, or freebase)

| | | | | | 6.4 | 5.4 | 7.3 | 3.1 | 3.1 | 1.6 | Decreased, 2013-2022 | Increased, 2013-2016 Decreased, 2016-2022 | Decreased |

QN32: Percentage of students who ever used inhalants (sniffed glue, breathed the contents of spray cans, or inhaled any paints or sprays to get high)

| | | | | | 17.0 | 9.0 | 10.4 | 6.0 | 7.1 | 6.2 | Decreased, 2013-2022 | Decreased, 2013-2018 No change, 2018-2022 | No change |

QN64: Percentage of students who currently drank alcohol (at least one drink of alcohol, on at least 1 day during the 30 days before the survey)

| | | | | | 16.3 | 9.2 | 11.5 | 9.4 | 8.9 | 6.6 | Decreased, 2013-2022 | No quadratic change | Decreased |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Hispanic
Alcohol and Other Drug Use

					Health Risk Behavior and Percentages						**Linear Change***	**Quadratic Change***	**Change from 2021-2022** [†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			

QN65: Percentage of students who currently used marijuana (one or more times during the 30 days before the survey)

					11.8	7.1	8.5	5.5	4.7	3.9	Decreased, 2013-2022	No quadratic change	No change

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[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.

Maryland Middle School Survey
Trend Analysis Report

Hispanic
Sexual Behaviors

						Health Risk Behavior and Percentages					**Linear Change***	**Quadratic Change***	**Change from 2021-2022** [†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			
QN33: Percentage of students who ever had sexual intercourse													
						8.9	8.6	6.1	5.7	6.6	Decreased, 2014-2022	Not available[§]	No change

*Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Hispanic
Dietary Behaviors

											Linear Change[*]	Quadratic Change[*]	Change from 2021-2022 [†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			

QN37: Percentage of students who described themselves as slightly or very overweight

| | | | | | 30.9 | 28.7 | 32.3 | 30.3 | 34.7 | 32.9 | Increased, 2013-2022 | No quadratic change | No change |

QN38: Percentage of students who were trying to lose weight

| | | | | | 53.8 | 50.3 | 52.5 | 50.0 | 56.7 | 54.9 | Increased, 2013-2022 | No change, 2013-2018 Increased, 2018-2022 | No change |

QN39: Percentage of students who did not eat breakfast (during the 7 days before the survey)

| | | | | | 14.6 | 12.1 | 15.0 | 15.0 | 21.8 | 19.3 | Increased, 2013-2022 | No quadratic change | No change |

QNBK7DAY: Percentage of students who ate breakfast on all 7 days (during the 7 days before the survey)

| | | | | | 40.7 | 48.3 | 39.5 | 41.4 | 33.0 | 36.1 | Decreased, 2013-2022 | No quadratic change | Not available |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.

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Maryland Middle School Survey
Trend Analysis Report

Hispanic
Physical Activity

											Linear Change[*]	Quadratic Change[*]	Change from 2021-2022 [†]
Health Risk Behavior and Percentages													
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			

QN40: Percentage of students who were physically active at least 60 minutes per day on 5 or more days (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey)

					46.8	49.1	41.6	41.2	35.9	37.6	Decreased, 2013-2022	No quadratic change	No change

QNPA0DAY: Percentage of students who did not participate in at least 60 minutes of physical activity on at least 1 day (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey)

					14.0	14.6	19.8	20.3	22.0	21.9	Increased, 2013-2022	Increased, 2013-2016 No change, 2016-2022	Not available

QNPA7DAY: Percentage of students who were physically active at least 60 minutes per day on all 7 days (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey)

					25.2	28.8	23.5	22.6	20.1	22.0	Decreased, 2013-2022	No quadratic change	Not available

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[†]Based on t-test analysis, p < 0.05.

Maryland Middle School Survey
Trend Analysis Report

Hispanic
Physical Activity

												Linear Change[*]	Quadratic Change[*]	Change from 2021-2022 [†]
				Health Risk Behavior and Percentages										
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**				

QN41: Percentage of students who attended physical education (PE) classes on 1 or more days (in an average week when they were in school)

| | | | | | 84.3 | 81.4 | 76.6 | 80.2 | 70.6 | 79.8 | Decreased, 2013-2022 | Decreased, 2013-2016 No change, 2016-2022 | Increased |

QNDLYPE: Percentage of students who attended physical education (PE) classes on all 5 days (in an average week when they were in school)

| | | | | | 24.8 | 39.3 | 34.5 | 38.9 | 34.7 | 31.9 | No linear change | No change, 2013-2018 No change, 2018-2022 | Not available |

QN42: Percentage of students who played on at least one sports team (counting any teams run by their school or community groups, during the past 12 months before the survey)

| | | | | | | 56.4 | 50.7 | 46.2 | 42.2 | 45.6 | Decreased, 2014-2022 | Not available[§] | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Hispanic
Physical Activity

												Linear Change[*]	Quadratic Change[*]	Change from 2021-2022 [†]
Health Risk Behavior and Percentages														
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**				

QN43: Percentage of students who had a concussion from playing a sport or being physically active (one or more times during the 12 months before the survey)

							23.1	19.8	22.3	24.0	No linear change	Not available[§]	No change

QN66: Percentage of students who spent 3 or more hours of screen time (in front of a TV, computer, smart phone, or other electronic device watching shows or videos, playing games, accessing the Internet, or using social media, not counting time spent doing schoolwork)

									73.5	68.0	Decreased, 2021-2022	Not available	Decreased

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[†]Based on t-test analysis, p < 0.05.
[§]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Hispanic
Other

					Health Risk Behavior and Percentages						Linear Change*	Quadratic Change*	Change from 2021-2022 †
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			

QN46: Percentage of students who got 8 or more hours of sleep (on an average school night)

| | | | | | 49.2 | 57.2 | 53.5 | 57.2 | 44.4 | 49.1 | Decreased, 2013-2022 | Increased, 2013-2018 / Decreased, 2018-2022 | Increased |

QN47: Percentage of students who usually did not sleep in their parent's or guardian's home (during the 30 days before the survey)

| | | | | | | | 3.0 | 3.5 | 2.2 | | No linear change | Not available§ | Decreased |

QN67: Percentage of students who saw a dentist (for a check-up, exam, teeth cleaning, or other dental work, during the 12 months before the survey)

| | | | | | | | 61.8 | 65.3 | 63.2 | 60.9 | No linear change | Not available | No change |

*Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
†Based on t-test analysis, p < 0.05.
§Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Hispanic
Other

					Health Risk Behavior and Percentages						Linear Change[*]	Quadratic Change[*]	Change from 2021-2022 [†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			
QN70: Percentage of students who reported that they have a disability or long-term health problem that keeps them from doing everyday activities (such as bathing, getting dressed, doing schoolwork, playing sports, or being with friends)													
									9.3	8.2	No linear change	Not available[§]	No change
QN72: Percentage of students who participate in extracurricular activities at school (such as sports, band, drama, clubs, or student government)													
					54.2	57.4	51.6	50.8	37.8	44.2	Decreased, 2013-2022	No quadratic change	Increased
QN73: Percentage of students who reported that their family was often or sometimes worried that their food money would run out before they got money to buy more (during the 12 months before the survey)													
								27.0	25.9	31.9	Increased, 2018-2022	Not available	Increased

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Hispanic
Other

Health Risk Behavior and Percentages											Linear Change[*]	Quadratic Change[*]	Change from 2021-2022 [†]
2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	2022			

QN74: Percentage of students who reported that often or sometimes the food their family bought did not last and they did not have money to get more (during the 12 months before the survey)

| | | | | | | | | 21.2 | 18.8 | 21.3 | No linear change | Not available[§] | No change |

QN75: Percentage of students who say definitely yes or probably yes that young people who smoke have more friends

| | | | | | 40.0 | 32.8 | 36.4 | 35.5 | 37.2 | 38.9 | No linear change | No quadratic change | No change |

QN76: Percentage of students who say definitely yes or probably yes that smoking makes young people look cool or fit in

| | | | | | 22.0 | 18.1 | 19.3 | 16.6 | 13.8 | 13.6 | Decreased, 2013-2022 | No quadratic change | No change |

QN77: Percentage of students who somewhat or strongly disapprove of someone their age having one or two drinks of an alcoholic beverage nearly every day

| | | | | | | 70.4 | 74.3 | 73.5 | 72.1 | | No linear change | Not available | No change |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[†]Based on t-test analysis, p < 0.05.
[§]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Hispanic
Other

Health Risk Behavior and Percentages											Linear Change*	Quadratic Change*	Change from 2021-2022 †
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			

QN78: Percentage of students who reported that their parents would feel it would be wrong or very wrong for them to drink beer, wine, or hard liquor at least once or twice a month (such as vodka, whiskey, or gin)

| | | | | | 84.5 | 87.7 | 86.2 | 89.4 | 88.4 | 87.5 | Increased, 2013-2022 | Increased, 2013-2018 No change, 2018-2022 | No change |

QN79: Percentage of students who think people are at moderate or great risk of harming themselves (physically or in other ways) if they have one or two drinks of alcohol nearly every day (beer, wine, or liquor)

| | | | | | 59.4 | 66.2 | 71.6 | 67.3 | 68.2 | 67.9 | Increased, 2013-2022 | Increased, 2013-2016 No change, 2016-2022 | No change |

QN80: Percentage of students who think people are at moderate or great risk of harming themselves (physically and in other ways) if they have five or more drinks of alcohol once or twice a week (beer, wine, or liquor)

| | | | | | 68.5 | 70.5 | 73.7 | 71.0 | 73.9 | 73.6 | Increased, 2013-2022 | No quadratic change | No change |

*Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
†Based on t-test analysis, p < 0.05.

Maryland Middle School Survey
Trend Analysis Report

Hispanic
Other

					Health Risk Behavior and Percentages						**Linear Change**[*]	**Quadratic Change**[*]	**Change from 2021-2022** [†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			
QNNODNT: Percentage of students who never saw a dentist (for a check-up, exam, teeth cleaning, or other dental work)													
							1.3	0.8	1.6	2.1	Increased, 2016-2022	Not available[§]	Not available

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[†]Based on t-test analysis, p < 0.05.
[§]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Hispanic
Mental Health

					Health Risk Behavior and Percentages						Linear Change[*]	Quadratic Change[*]	Change from 2021-2022 [†]
2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	2022			

QN17: Percentage of students who ever tried to kill themselves

							2016	2018	2021	2022	Linear Change	Quadratic Change	Change from 2021-2022
							13.0	12.2	14.4	12.9	No linear change	Not available[§]	No change

QN45: Percentage of students who reported that their mental health was most of the time or always not good (including stress, anxiety, and depression, during the 30 days before the survey)

							2016	2018	2021	2022	Linear Change	Quadratic Change	Change from 2021-2022
									26.1	24.2	No linear change	Not available	No change

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.
[§]Not enough years of data to calculate.

Maryland Middle School Survey
Trend Analysis Report

Hispanic
Protective Factors

					Health Risk Behavior and Percentages						**Linear Change**[*]	**Quadratic Change**[*]	**Change from 2021-2022** [†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			
QN85: Percentage of students who have an adult outside of school they can talk to about things that are important to them													
					77.2	80.3	77.0	79.4	74.7	76.0	Decreased, 2013-2022	No quadratic change	No change
QN86: Percentage of students who would feel comfortable seeking help from one or more adults besides their parents if they had an important question affecting their life													
					75.0	77.5	72.0	77.4	75.4	76.5	No linear change	No quadratic change	No change
QN88: Percentage of students who talked to a teacher or other adult in their school about a personal problem they had (during the 12 months before the survey)													
					32.3	30.7	32.4	30.7	29.5	26.8	Decreased, 2013-2022	No quadratic change	No change

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.
[†]Based on t-test analysis, $p < 0.05$.

Maryland Middle School Survey
Trend Analysis Report

Hispanic
Protective Factors

					Health Risk Behavior and Percentages						**Linear Change**[*]	**Quadratic Change**[*]	**Change from 2021-2022** [†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			

QN89: Percentage of students who strongly agree or agree that their teachers really care about them and give them a lot of encouragement

| | | | | | 54.8 | 59.3 | 53.4 | 57.4 | 51.9 | 46.6 | Decreased, 2013-2022 | No change, 2013-2018
Decreased, 2018-2022 | Decreased |

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[†]Based on t-test analysis, p < 0.05.

Maryland Middle School Survey
Trend Analysis Report

Hispanic
Adverse Childhood Experiences

				Health Risk Behavior and Percentages							**Linear Change**[*]	**Quadratic Change**[*]	**Change from 2021-2022** [†]
2003	**2005**	**2007**	**2009**	**2011**	**2013**	**2014**	**2016**	**2018**	**2021**	**2022**			
QN84: Percentage of students who have ever been separated from a parent or guardian because they went to jail, prison, or a detention center													
									11.0	10.4	No linear change	Not available[§]	No change

[*]Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.
[†]Based on t-test analysis, p < 0.05.
[§]Not enough years of data to calculate.