

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey
10-year Trend Analysis Report

Total
Injury and Violence

Health Risk Behavior and Percentages						Linear Change*	Quadratic Change*	Change from 2017-2019†
2009	2011	2013	2015	2017	2019			
QN8: Percentage of students who rarely or never wore a seat belt (when riding in a car)								
9.0	6.3	7.1	3.5	5.1	5.3	Decreased, 2009-2019	Decreased, 2009-2015 No change, 2015-2019	No change
QN9: Percentage of students who ever rode with a driver who had been drinking alcohol (in a car)								
24.3	22.3	19.1	18.0	20.4	17.4	Decreased, 2009-2019	No quadratic change	No change
QN10: Percentage of students who ever carried a weapon (such as a gun, knife, or club)								
				22.2	18.9	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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey 10-year Trend Analysis Report

Total Injury and Violence

Health Risk Behavior and Percentages						Linear Change*	Quadratic Change*	Change from 2017-2019 [†]
2009	2011	2013	2015	2017	2019			
QN12: Percentage of students who were ever bullied on school property								
35.1	38.8	40.1	38.0	33.4	31.9	Decreased, 2009-2019	Increased, 2009-2013 Decreased, 2013-2019	No change
QN13: Percentage of students who were ever electronically bullied (counting being bullied through texting, Instagram, Facebook, or other social media)								
	22.0	23.0	20.8	21.4	20.4	No linear change	Not available [§]	No change
QN14: Percentage of students who ever seriously thought about killing themselves								
16.0	17.9	18.7	17.2	18.0	16.9	No linear change	No quadratic change	No change
QN15: Percentage of students who ever made a plan about how they would kill themselves								
9.5	10.8	12.6	10.8	11.6	11.3	Increased, 2009-2019	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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

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Total
Injury and Violence

Health Risk Behavior and Percentages						Linear Change*	Quadratic Change*	Change from 2017-2019†
2009	2011	2013	2015	2017	2019			
QN16: Percentage of students who ever tried to kill themselves								
5.9	6.3	8.5	6.2	6.5	6.1	No linear change	No quadratic change	No change

*Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.

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2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey 10-year Trend Analysis Report

Total Tobacco Use

Health Risk Behavior and Percentages						Linear Change*	Quadratic Change*	Change from 2017-2019 [†]
2009	2011	2013	2015	2017	2019			
QN17: Percentage of students who ever tried cigarette smoking (even one or two puffs)								
17.0	16.5	13.9	7.2	5.1	5.3	Decreased, 2009-2019	No quadratic change	No change
QN18: Percentage of students who tried cigarette smoking for the first time before age 11 years (even one or two puffs)								
				2.4	2.6	No linear change	Not available [§]	No change
QN19: Percentage of students who currently smoked cigarettes (on at least 1 day during the 30 days before the survey)								
5.0	3.9	3.5	0.9	1.9	1.6	Decreased, 2009-2019	No quadratic change	No change
QNFRCIG: Percentage of students who currently smoked cigarettes frequently (on 20 or more days during the 30 days before the survey)								
1.2	1.1	0.6	0.1	0.3	0.2	Decreased, 2009-2019	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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey 10-year Trend Analysis Report

**Total
Tobacco Use**

Health Risk Behavior and Percentages						Linear Change*	Quadratic Change*	Change from 2017-2019 [†]
2009	2011	2013	2015	2017	2019			
QNDAYCIG: Percentage of students who currently smoked cigarettes daily (on all 30 days during the 30 days before the survey)								
1.0	1.0	0.5	0.1	0.3	0.2	Decreased, 2009-2019	No quadratic change	No change
QN21: Percentage of students who ever used an electronic vapor product								
			15.6	15.7	16.4	No linear change	Not available [§]	No change
QN22: Percentage of students who currently used an electronic vapor product (on at least 1 day during the 30 days before the survey)								
			7.6	6.4	6.5	No linear change	Not available	No change
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	1.4	0.8	No linear change	Not available	No change

*Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.

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2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey 10-year Trend Analysis Report

**Total
Tobacco Use**

Health Risk Behavior and Percentages						Linear Change*	Quadratic Change*	Change from 2017-2019 [†]
2009	2011	2013	2015	2017	2019			
QNDAYEVP: Percentage of students who currently used electronic vapor products daily (on all 30 days during the 30 days before the survey)								
			0.5	0.9	0.5	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, or Camel Snus], not counting any electronic vapor products, on at least 1 day during the 30 days before the survey)								
				2.0	1.5	No linear change	Not available	No change
QN25: Percentage of students who currently smoked cigars (cigars, cigarillos, or little cigars, on at least 1 day during the 30 days before the survey)								
4.8	4.3	5.9	1.1	2.2	1.2	Decreased, 2009-2019	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, $p < 0.05$.

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2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey
10-year Trend Analysis Report

Total
Alcohol and Other Drug Use

Health Risk Behavior and Percentages						Linear Change*	Quadratic Change*	Change from 2017-2019 [†]
2009	2011	2013	2015	2017	2019			
QN26: Percentage of students who ever drank alcohol (other than a few sips)								
26.0	23.2	21.7	16.4	20.8	15.5	Decreased, 2009-2019	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)								
9.8	9.5	9.2	5.2	8.5	6.0	Decreased, 2009-2019	No quadratic change	No change
QN28: Percentage of students who ever used marijuana								
10.2	10.0	8.8	6.6	8.6	7.4	Decreased, 2009-2019	No quadratic change	No change
QN29: Percentage of students who tried marijuana for the first time before age 11 years								
3.7	3.0	2.6	1.4	2.4	1.4	Decreased, 2009-2019	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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey
10-year Trend Analysis Report

Total Alcohol and Other Drug Use						Linear Change*	Quadratic Change*	Change from 2017-2019†
Health Risk Behavior and Percentages								
2009	2011	2013	2015	2017	2019			
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)								
				6.8	5.8	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.

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§Not enough years of data to calculate.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey
10-year Trend Analysis Report

Total
Sexual Behaviors

Health Risk Behavior and Percentages						Linear Change*	Quadratic Change*	Change from 2017-2019†
2009	2011	2013	2015	2017	2019			
QN34: Percentage of students who ever had sexual intercourse								
14.6	12.4	9.8	6.7	8.1	6.7	Decreased, 2009-2019	No quadratic change	No change

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2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey 10-year Trend Analysis Report

**Total
Physical Activity**

Health Risk Behavior and Percentages						Linear Change*	Quadratic Change*	Change from 2017-2019 [†]
2009	2011	2013	2015	2017	2019			
QN41: 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)								
50.5	55.4	49.8	52.6	46.2	44.6	Decreased, 2009-2019	No change, 2009-2015 Decreased, 2015-2019	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)								
13.1	10.1	12.1	11.3	17.8	11.6	No linear change	No quadratic change	No change
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)								
29.7	32.6	26.7	27.4	25.4	24.4	Decreased, 2009-2019	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.

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**Total
Physical Activity**

Health Risk Behavior and Percentages						Linear Change*	Quadratic Change*	Change from 2017-2019†
2009	2011	2013	2015	2017	2019			
QN43: Percentage of students who played video or computer games or used a computer 3 or more hours per day (counting time spent on things such as playing games, watching videos, texting, or using social media on their smartphone, computer, Xbox, PlayStation, iPad, or other tablet, for something that was not school work, on an average school day)								
29.9	31.6	37.6	48.3	43.0	43.6	Increased, 2009-2019	Increased, 2009-2015 Decreased, 2015-2019	No change
QN44: Percentage of students who attended physical education (PE) classes on 1 or more days (in an average week when they were in school)								
91.0	88.2	88.3	92.8	85.6	87.9	No linear change	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)								
8.4	8.2	6.1	10.0	8.3	11.1	No linear change	No quadratic change	No change
QN46: 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)								
				18.1	16.4	No linear change	Not available§	No change

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§Not enough years of data to calculate.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey
10-year Trend Analysis Report

Total Other	Health Risk Behavior and Percentages						Linear Change*	Quadratic Change*	Change from 2017-2019†
	2009	2011	2013	2015	2017	2019			
QN49: Percentage of students who described their grades in school as mostly A's or B's (during the 12 months before the survey)									
	66.1	69.7	71.9	72.9	72.1	73.2	Increased, 2009-2019	No quadratic change	No change

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2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey 10-year Trend Analysis Report

Total Site-Added	Health Risk Behavior and Percentages						Linear Change*	Quadratic Change*	Change from 2017-2019 [†]
	2009	2011	2013	2015	2017	2019			
QN50: Percentage of students who have physical disabilities or long-term health problems (meaning 6 months or more)									
	8.0	8.1	7.3	6.2	6.9	6.4	Decreased, 2009-2019	No quadratic change	No change
QN51: Percentage of students who have long-term emotional problems or learning disabilities (meaning 6 months or more)									
	8.6	10.2	10.0	9.4	9.8	11.5	No linear change	No quadratic change	No change
QN53: Percentage of students who were in a physical fight on school property (one or more times during the 12 months before the survey)									
					15.9	16.6	No linear change	Not available [§]	No change
QN55: 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)									
					23.3	25.8	No linear change	Not available	No change

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[§]Not enough years of data to calculate.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey 10-year Trend Analysis Report

Total Site-Added	Health Risk Behavior and Percentages						Linear Change*	Quadratic Change*	Change from 2017-2019 [†]
	2009	2011	2013	2015	2017	2019			
QN56: Percentage of students who reported someone who lives with them smokes cigarettes									
					34.7	27.7	Decreased, 2017-2019	Not available [§]	Decreased
QN57: Percentage of students who first smoked a cigar, cigarillo or little cigar or used a hookah or an electronic vapor product before age 11 years (even if only for one or two puffs)									
					2.6	2.5	No linear change	Not available	No change
QN62: 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)									
		73.1	72.7	79.3	76.9	Increased, 2013-2019	Not available	No change	
QN63: Percentage of students who reported their teeth or mouth have been painful or sore (one or more times during the 12 months before the survey)									
		44.3	45.3	54.0	51.4	Increased, 2013-2019	Not available	No change	

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Total Site-Added	Health Risk Behavior and Percentages						Linear Change*	Quadratic Change*	Change from 2017-2019 [†]
	2009	2011	2013	2015	2017	2019			
QN64: Percentage of students who sometimes, most of the time, or always were self-conscious or embarrassed because of their teeth or mouth (during the 12 months before the survey)									
			16.6	16.6	17.0	19.7	No linear change	Not available [§]	No change
QN65: Percentage of students who have been taught about AIDS or HIV infection in school									
	68.4	68.5	52.2	53.5	43.0	38.3	Decreased, 2009-2019	No quadratic change	No change
QN66: Percentage of students who strongly agree or agree that they feel like they belong at their school									
			71.1	73.0	65.9	63.0	Decreased, 2013-2019	Not available	No change
QN67: 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									
			75.3	80.7	81.7	80.5	Increased, 2013-2019	Not available	No change

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2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey 10-year Trend Analysis Report

Male Injury and Violence

Health Risk Behavior and Percentages						Linear Change*	Quadratic Change*	Change from 2017-2019 [†]
2009	2011	2013	2015	2017	2019			
QN8: Percentage of students who rarely or never wore a seat belt (when riding in a car)								
9.3	7.0	7.6	3.9	5.4	6.2	Decreased, 2009-2019	Decreased, 2009-2015 Increased, 2015-2019	No change
QN9: Percentage of students who ever rode with a driver who had been drinking alcohol (in a car)								
23.4	22.0	18.2	15.8	19.8	17.2	Decreased, 2009-2019	No quadratic change	No change
QN10: Percentage of students who ever carried a weapon (such as a gun, knife, or club)								
				32.6	26.4	No linear change	Not available [§]	No change
QN12: Percentage of students who were ever bullied on school property								
34.9	39.0	35.7	31.9	27.4	26.8	Decreased, 2009-2019	No quadratic change	No change

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2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey 10-year Trend Analysis Report

Male Injury and Violence

Health Risk Behavior and Percentages						Linear Change*	Quadratic Change*	Change from 2017-2019 [†]
2009	2011	2013	2015	2017	2019			
QN13: Percentage of students who were ever electronically bullied (counting being bullied through texting, Instagram, Facebook, or other social media)								
	14.9	16.1	12.3	12.6	14.5	No linear change	Not available [§]	No change
QN14: Percentage of students who ever seriously thought about killing themselves								
11.2	14.7	13.9	8.8	9.9	11.3	No linear change	No quadratic change	No change
QN15: Percentage of students who ever made a plan about how they would kill themselves								
7.0	9.7	10.0	5.5	7.1	8.4	No linear change	No quadratic change	No change
QN16: Percentage of students who ever tried to kill themselves								
3.9	5.1	6.7	2.9	3.7	4.6	No linear change	No quadratic change	No change

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2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey 10-year Trend Analysis Report

Male Tobacco Use

Health Risk Behavior and Percentages						Linear Change*	Quadratic Change*	Change from 2017-2019 [†]
2009	2011	2013	2015	2017	2019			
QN17: Percentage of students who ever tried cigarette smoking (even one or two puffs)								
17.2	18.5	15.2	6.6	4.3	5.8	Decreased, 2009-2019	No quadratic change	No change
QN18: Percentage of students who tried cigarette smoking for the first time before age 11 years (even one or two puffs)								
				1.8	3.0	No linear change	Not available [§]	No change
QN19: Percentage of students who currently smoked cigarettes (on at least 1 day during the 30 days before the survey)								
4.4	4.1	4.3	0.4	1.9	1.8	Decreased, 2009-2019	No quadratic change	No change
QNFRCIG: Percentage of students who currently smoked cigarettes frequently (on 20 or more days during the 30 days before the survey)								
1.2	1.7	0.8	0.1	0.2	0.4	Decreased, 2009-2019	No quadratic change	No change

*Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.

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2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey 10-year Trend Analysis Report

**Male
Tobacco Use**

Health Risk Behavior and Percentages						Linear Change*	Quadratic Change*	Change from 2017-2019 [†]
2009	2011	2013	2015	2017	2019			
QNDAYCIG: Percentage of students who currently smoked cigarettes daily (on all 30 days during the 30 days before the survey)								
1.1	1.6	0.6	0.1	0.1	0.2	Decreased, 2009-2019	No quadratic change	No change
QN21: Percentage of students who ever used an electronic vapor product								
			17.2	16.3	16.4	No linear change	Not available [§]	No change
QN22: Percentage of students who currently used an electronic vapor product (on at least 1 day during the 30 days before the survey)								
			8.2	6.9	5.6	No linear change	Not available	No change
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	1.5	1.0	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, $p < 0.05$.

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2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey 10-year Trend Analysis Report

**Male
Tobacco Use**

Health Risk Behavior and Percentages						Linear Change*	Quadratic Change*	Change from 2017-2019 [†]
2009	2011	2013	2015	2017	2019			
QNDAYEVP: Percentage of students who currently used electronic vapor products daily (on all 30 days during the 30 days before the survey)								
			0.8	0.8	0.7	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, or Camel Snus], not counting any electronic vapor products, on at least 1 day during the 30 days before the survey)								
				2.4	1.5	No linear change	Not available	No change
QN25: Percentage of students who currently smoked cigars (cigars, cigarillos, or little cigars, on at least 1 day during the 30 days before the survey)								
5.4	5.6	7.3	0.9	3.2	1.4	Decreased, 2009-2019	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, $p < 0.05$.

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2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey 10-year Trend Analysis Report

Male

Alcohol and Other Drug Use

Health Risk Behavior and Percentages						Linear Change*	Quadratic Change*	Change from 2017-2019 [†]
2009	2011	2013	2015	2017	2019			
QN26: Percentage of students who ever drank alcohol (other than a few sips)								
26.9	24.3	23.7	14.3	21.5	17.9	Decreased, 2009-2019	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)								
11.5	10.9	10.2	4.9	10.5	7.8	Decreased, 2009-2019	No quadratic change	No change
QN28: Percentage of students who ever used marijuana								
11.3	11.2	9.7	6.5	8.7	7.8	No linear change	No quadratic change	No change
QN29: Percentage of students who tried marijuana for the first time before age 11 years								
3.9	3.7	3.2	1.3	3.2	1.6	Decreased, 2009-2019	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, $p < 0.05$.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey
10-year Trend Analysis Report

Male Alcohol and Other Drug Use						Linear Change*	Quadratic Change*	Change from 2017-2019†
Health Risk Behavior and Percentages								
2009	2011	2013	2015	2017	2019			
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)								
				5.4	5.5	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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey
10-year Trend Analysis Report

Male
Sexual Behaviors

	Health Risk Behavior and Percentages						Linear Change*	Quadratic Change*	Change from 2017-2019†
	2009	2011	2013	2015	2017	2019			
QN34: Percentage of students who ever had sexual intercourse	17.8	16.5	12.2	8.7	11.1	8.3	Decreased, 2009-2019	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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey
10-year Trend Analysis Report

Male
Physical Activity

Health Risk Behavior and Percentages						Linear Change*	Quadratic Change*	Change from 2017-2019†
2009	2011	2013	2015	2017	2019			
QN41: 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)								
58.6	62.9	55.8	59.2	54.3	48.0	Decreased, 2009-2019	No change, 2009-2015 Decreased, 2015-2019	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)								
12.1	9.5	12.4	9.2	16.8	12.1	No linear change	No quadratic change	No change
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)								
37.5	41.4	33.1	34.9	32.0	28.0	Decreased, 2009-2019	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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey 10-year Trend Analysis Report

**Male
Physical Activity**

Health Risk Behavior and Percentages						Linear Change*	Quadratic Change*	Change from 2017-2019†
2009	2011	2013	2015	2017	2019			
QN43: Percentage of students who played video or computer games or used a computer 3 or more hours per day (counting time spent on things such as playing games, watching videos, texting, or using social media on their smartphone, computer, Xbox, PlayStation, iPad, or other tablet, for something that was not school work, on an average school day)								
32.8	34.4	38.8	46.3	42.2	48.0	Increased, 2009-2019	No quadratic change	No change
QN44: Percentage of students who attended physical education (PE) classes on 1 or more days (in an average week when they were in school)								
91.2	87.1	88.6	93.0	85.5	86.9	No linear change	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)								
8.7	8.3	6.8	11.3	9.8	12.6	No linear change	No quadratic change	No change
QN46: 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)								
				20.3	19.1	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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey
10-year Trend Analysis Report

Male Other	Health Risk Behavior and Percentages						Linear Change*	Quadratic Change*	Change from 2017-2019†
	2009	2011	2013	2015	2017	2019			
QN49: Percentage of students who described their grades in school as mostly A's or B's (during the 12 months before the survey)									
	61.8	65.1	65.3	69.6	66.7	67.9	Increased, 2009-2019	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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey 10-year Trend Analysis Report

**Male
Site-Added**

Health Risk Behavior and Percentages						Linear Change*	Quadratic Change*	Change from 2017-2019 [†]
2009	2011	2013	2015	2017	2019			
QN50: Percentage of students who have physical disabilities or long-term health problems (meaning 6 months or more)								
7.5	7.3	8.1	6.2	5.9	6.2	No linear change	No quadratic change	No change
QN51: Percentage of students who have long-term emotional problems or learning disabilities (meaning 6 months or more)								
7.8	10.8	9.8	6.9	8.9	8.2	No linear change	No quadratic change	No change
QN53: Percentage of students who were in a physical fight on school property (one or more times during the 12 months before the survey)								
				21.1	24.0	No linear change	Not available [§]	No change
QN55: 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)								
				14.3	17.5	Increased, 2017-2019	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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey 10-year Trend Analysis Report

**Male
Site-Added**

Health Risk Behavior and Percentages						Linear Change*	Quadratic Change*	Change from 2017-2019 [†]				
2009	2011	2013	2015	2017	2019							
QN56: Percentage of students who reported someone who lives with them smokes cigarettes						33.0	27.4	No linear change	Not available [§]	No change		
QN57: Percentage of students who first smoked a cigar, cigarillo or little cigar or used a hookah or an electronic vapor product before age 11 years (even if only for one or two puffs)						3.5	2.9	No linear change	Not available	No change		
QN62: 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)						74.3	72.8	77.2	74.4	No linear change	Not available	No change
QN63: Percentage of students who reported their teeth or mouth have been painful or sore (one or more times during the 12 months before the survey)						41.2	40.5	50.0	47.0	Increased, 2013-2019	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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey 10-year Trend Analysis Report

**Male
Site-Added**

Health Risk Behavior and Percentages						Linear Change*	Quadratic Change*	Change from 2017-2019 [†]
2009	2011	2013	2015	2017	2019			
QN64: Percentage of students who sometimes, most of the time, or always were self-conscious or embarrassed because of their teeth or mouth (during the 12 months before the survey)								
		12.3	10.6	12.2	13.5	No linear change	Not available [§]	No change
QN65: Percentage of students who have been taught about AIDS or HIV infection in school								
68.6	70.0	54.2	55.0	45.4	41.7	Decreased, 2009-2019	No quadratic change	No change
QN66: Percentage of students who strongly agree or agree that they feel like they belong at their school								
		74.2	79.5	72.6	67.2	Decreased, 2013-2019	Not available	No change
QN67: 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								
		71.9	79.4	80.9	79.8	Increased, 2013-2019	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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey 10-year Trend Analysis Report

Female Injury and Violence

Health Risk Behavior and Percentages						Linear Change*	Quadratic Change*	Change from 2017-2019 [†]
2009	2011	2013	2015	2017	2019			
QN8: Percentage of students who rarely or never wore a seat belt (when riding in a car)								
8.7	5.4	6.5	3.2	4.4	4.1	Decreased, 2009-2019	Decreased, 2009-2015 No change, 2015-2019	No change
QN9: Percentage of students who ever rode with a driver who had been drinking alcohol (in a car)								
25.2	22.6	20.1	20.4	21.1	17.5	Decreased, 2009-2019	No quadratic change	No change
QN10: Percentage of students who ever carried a weapon (such as a gun, knife, or club)								
				11.2	10.7	No linear change	Not available [§]	No change
QN12: Percentage of students who were ever bullied on school property								
35.2	38.6	44.6	44.6	39.8	37.1	No linear change	Increased, 2009-2015 No change, 2015-2019	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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey 10-year Trend Analysis Report

Female Injury and Violence

Health Risk Behavior and Percentages						Linear Change*	Quadratic Change*	Change from 2017-2019 [†]
2009	2011	2013	2015	2017	2019			
QN13: Percentage of students who were ever electronically bullied (counting being bullied through texting, Instagram, Facebook, or other social media)								
	29.6	30.2	30.2	30.8	26.6	No linear change	Not available [§]	No change
QN14: Percentage of students who ever seriously thought about killing themselves								
21.2	21.3	23.9	26.2	26.7	22.4	No linear change	No quadratic change	No change
QN15: Percentage of students who ever made a plan about how they would kill themselves								
12.1	12.0	15.2	16.6	16.2	14.2	Increased, 2009-2019	No quadratic change	No change
QN16: Percentage of students who ever tried to kill themselves								
8.1	7.5	10.4	9.7	9.6	7.6	No linear change	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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey 10-year Trend Analysis Report

Female Tobacco Use

Health Risk Behavior and Percentages						Linear Change*	Quadratic Change*	Change from 2017-2019 [†]
2009	2011	2013	2015	2017	2019			
QN17: Percentage of students who ever tried cigarette smoking (even one or two puffs)								
16.8	14.5	12.5	8.0	5.9	4.5	Decreased, 2009-2019	No quadratic change	No change
QN18: Percentage of students who tried cigarette smoking for the first time before age 11 years (even one or two puffs)								
				2.9	1.9	No linear change	Not available [§]	No change
QN19: Percentage of students who currently smoked cigarettes (on at least 1 day during the 30 days before the survey)								
5.7	3.6	2.4	1.4	1.7	1.2	Decreased, 2009-2019	No quadratic change	No change
QNFRCIG: Percentage of students who currently smoked cigarettes frequently (on 20 or more days during the 30 days before the survey)								
1.2	0.6	0.3	0.1	0.4	0.0	Not available	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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey 10-year Trend Analysis Report

**Female
Tobacco Use**

Health Risk Behavior and Percentages						Linear Change*	Quadratic Change*	Change from 2017-2019 [†]
2009	2011	2013	2015	2017	2019			
QNDAYCIG: Percentage of students who currently smoked cigarettes daily (on all 30 days during the 30 days before the survey)								
0.9	0.5	0.3	0.1	0.4	0.0	Not available	Not available [§]	Not available
QN21: Percentage of students who ever used an electronic vapor product								
			14.1	15.3	16.3	No linear change	Not available	No change
QN22: Percentage of students who currently used an electronic vapor product (on at least 1 day during the 30 days before the survey)								
			7.0	6.0	7.1	No linear change	Not available	No change
QNFREVP: Percentage of students who currently used electronic vapor products frequently (on 20 or more days during the 30 days before the survey)								
			0.3	1.2	0.6	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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey 10-year Trend Analysis Report

**Female
Tobacco Use**

Health Risk Behavior and Percentages						Linear Change*	Quadratic Change*	Change from 2017-2019 [†]
2009	2011	2013	2015	2017	2019			
QNDAYEVP: Percentage of students who currently used electronic vapor products daily (on all 30 days during the 30 days before the survey)								
			0.3	1.0	0.3	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, or Camel Snus], not counting any electronic vapor products, on at least 1 day during the 30 days before the survey)								
				1.4	1.3	No linear change	Not available	No change
QN25: Percentage of students who currently smoked cigars (cigars, cigarillos, or little cigars, on at least 1 day during the 30 days before the survey)								
3.9	2.9	4.2	1.4	1.2	0.8	Decreased, 2009-2019	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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey 10-year Trend Analysis Report

Female Alcohol and Other Drug Use						Linear Change*	Quadratic Change*	Change from 2017-2019 [†]
Health Risk Behavior and Percentages								
2009	2011	2013	2015	2017	2019			
QN26: Percentage of students who ever drank alcohol (other than a few sips)								
25.0	22.1	19.6	18.7	20.0	12.9	Decreased, 2009-2019	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)								
8.0	7.9	8.4	5.6	6.5	4.0	Decreased, 2009-2019	No quadratic change	No change
QN28: Percentage of students who ever used marijuana								
9.0	8.6	7.9	6.8	8.5	6.9	No linear change	No quadratic change	No change
QN29: Percentage of students who tried marijuana for the first time before age 11 years								
3.5	2.2	1.8	1.4	1.5	1.1	Decreased, 2009-2019	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, $p < 0.05$.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey
10-year Trend Analysis Report

Female

Alcohol and Other Drug Use

Health Risk Behavior and Percentages						Linear Change*	Quadratic Change*	Change from 2017-2019†
2009	2011	2013	2015	2017	2019			
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)								
				8.3	6.1	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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey
10-year Trend Analysis Report

Female
Sexual Behaviors

Health Risk Behavior and Percentages						Linear Change*	Quadratic Change*	Change from 2017-2019†
2009	2011	2013	2015	2017	2019			
QN34: Percentage of students who ever had sexual intercourse								
11.0	8.2	7.1	4.6	4.8	4.9	Decreased, 2009-2019	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, $p < 0.05$.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey 10-year Trend Analysis Report

**Female
Physical Activity**

Health Risk Behavior and Percentages						Linear Change*	Quadratic Change*	Change from 2017-2019 [†]
2009	2011	2013	2015	2017	2019			
QN41: 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)								
41.7	47.5	43.7	45.9	37.6	41.2	No linear change	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	10.7	11.9	13.0	18.9	11.0	No linear change	No quadratic change	No change
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)								
21.3	23.3	20.2	19.6	18.5	20.7	No linear change	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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey 10-year Trend Analysis Report

**Female
Physical Activity**

Health Risk Behavior and Percentages						Linear Change*	Quadratic Change*	Change from 2017-2019†
2009	2011	2013	2015	2017	2019			
QN43: Percentage of students who played video or computer games or used a computer 3 or more hours per day (counting time spent on things such as playing games, watching videos, texting, or using social media on their smartphone, computer, Xbox, PlayStation, iPad, or other tablet, for something that was not school work, on an average school day)								
26.8	28.6	36.6	50.2	43.8	38.6	Increased, 2009-2019	Increased, 2009-2015 Decreased, 2015-2019	No change
QN44: Percentage of students who attended physical education (PE) classes on 1 or more days (in an average week when they were in school)								
90.7	89.4	88.1	92.5	86.0	89.0	No linear change	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)								
8.1	8.2	5.4	8.7	6.8	9.5	No linear change	No quadratic change	No change
QN46: 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)								
				15.7	13.4	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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey
10-year Trend Analysis Report

Female Other	Health Risk Behavior and Percentages						Linear Change*	Quadratic Change*	Change from 2017-2019 [†]
	2009	2011	2013	2015	2017	2019			
	QN49: Percentage of students who described their grades in school as mostly A's or B's (during the 12 months before the survey)								
	71.0	74.7	79.0	76.8	77.8	78.9	Increased, 2009-2019	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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey 10-year Trend Analysis Report

**Female
Site-Added**

Health Risk Behavior and Percentages						Linear Change*	Quadratic Change*	Change from 2017-2019 [†]
2009	2011	2013	2015	2017	2019			
QN50: Percentage of students who have physical disabilities or long-term health problems (meaning 6 months or more)								
8.7	9.0	6.4	6.2	8.0	6.5	No linear change	No quadratic change	No change
QN51: Percentage of students who have long-term emotional problems or learning disabilities (meaning 6 months or more)								
9.5	9.5	10.3	11.8	10.8	14.7	Increased, 2009-2019	No quadratic change	Increased
QN53: Percentage of students who were in a physical fight on school property (one or more times during the 12 months before the survey)								
				10.2	8.7	No linear change	Not available [§]	No change
QN55: 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)								
				32.5	34.2	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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey 10-year Trend Analysis Report

**Female
Site-Added**

Health Risk Behavior and Percentages						Linear Change*	Quadratic Change*	Change from 2017-2019 [†]				
2009	2011	2013	2015	2017	2019							
QN56: Percentage of students who reported someone who lives with them smokes cigarettes						36.5	27.9	Decreased, 2017-2019	Not available [§]	Decreased		
QN57: Percentage of students who first smoked a cigar, cigarillo or little cigar or used a hookah or an electronic vapor product before age 11 years (even if only for one or two puffs)						1.7	2.0	No linear change	Not available	No change		
QN62: 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)						72.1	72.5	82.2	79.7	Increased, 2013-2019	Not available	No change
QN63: Percentage of students who reported their teeth or mouth have been painful or sore (one or more times during the 12 months before the survey)						47.5	50.4	58.4	56.1	Increased, 2013-2019	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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey 10-year Trend Analysis Report

**Female
Site-Added**

Health Risk Behavior and Percentages						Linear Change*	Quadratic Change*	Change from 2017-2019 [†]
2009	2011	2013	2015	2017	2019			
QN64: Percentage of students who sometimes, most of the time, or always were self-conscious or embarrassed because of their teeth or mouth (during the 12 months before the survey)								
		21.1	22.7	22.3	26.1	No linear change	Not available [§]	No change
QN65: Percentage of students who have been taught about AIDS or HIV infection in school								
68.3	66.8	50.1	52.0	40.9	34.6	Decreased, 2009-2019	No quadratic change	No change
QN66: Percentage of students who strongly agree or agree that they feel like they belong at their school								
		67.9	66.1	59.2	58.6	Decreased, 2013-2019	Not available	No change
QN67: 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	82.0	82.9	81.4	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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey 10-year Trend Analysis Report

**White*
Injury and Violence**

Health Risk Behavior and Percentages						Linear Change [†]	Quadratic Change [†]	Change from 2017-2019 [§]
2009	2011	2013	2015	2017	2019			
QN8: Percentage of students who rarely or never wore a seat belt (when riding in a car)								
6.1	4.3	3.3	1.6	1.5	2.4	Decreased, 2009-2019	No quadratic change	No change
QN9: Percentage of students who ever rode with a driver who had been drinking alcohol (in a car)								
22.8	20.6	17.5	16.7	20.0	16.8	Decreased, 2009-2019	No quadratic change	No change
QN10: Percentage of students who ever carried a weapon (such as a gun, knife, or club)								
				21.3	19.2	No linear change	Not available [¶]	No change
QN12: Percentage of students who were ever bullied on school property								
38.0	41.0	40.8	39.6	35.5	33.6	Decreased, 2009-2019	No change, 2009-2013 Decreased, 2013-2019	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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey 10-year Trend Analysis Report

White*
Injury and Violence

Health Risk Behavior and Percentages						Linear Change [†]	Quadratic Change [†]	Change from 2017-2019 [§]
2009	2011	2013	2015	2017	2019			
QN13: Percentage of students who were ever electronically bullied (counting being bullied through texting, Instagram, Facebook, or other social media)								
	24.2	23.5	23.1	24.6	23.4	No linear change	Not available [¶]	No change
QN14: Percentage of students who ever seriously thought about killing themselves								
13.3	16.2	13.1	15.1	16.2	15.3	No linear change	No quadratic change	No change
QN15: Percentage of students who ever made a plan about how they would kill themselves								
8.4	9.3	7.7	9.1	10.3	10.9	No linear change	No quadratic change	No change
QN16: Percentage of students who ever tried to kill themselves								
4.0	4.4	4.5	4.8	3.7	5.1	No linear change	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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey 10-year Trend Analysis Report

**White*
Tobacco Use**

Health Risk Behavior and Percentages						Linear Change [†]	Quadratic Change [†]	Change from 2017-2019 [§]
2009	2011	2013	2015	2017	2019			
QN17: Percentage of students who ever tried cigarette smoking (even one or two puffs)								
13.7	13.6	9.1	6.6	3.8	3.7	Decreased, 2009-2019	No quadratic change	No change
QN18: Percentage of students who tried cigarette smoking for the first time before age 11 years (even one or two puffs)								
				1.6	1.4	No linear change	Not available [¶]	No change
QN19: Percentage of students who currently smoked cigarettes (on at least 1 day during the 30 days before the survey)								
4.4	3.6	2.2	0.8	1.2	1.2	Decreased, 2009-2019	No quadratic change	No change
QNFRSIG: Percentage of students who currently smoked cigarettes frequently (on 20 or more days during the 30 days before the survey)								
0.8	0.8	0.7	0.0	0.1	0.1	Not available	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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey 10-year Trend Analysis Report

White* Tobacco Use						Health Risk Behavior and Percentages	Linear Change [†]	Quadratic Change [†]	Change from 2017-2019 [§]
2009	2011	2013	2015	2017	2019				
QNDAYCIG: Percentage of students who currently smoked cigarettes daily (on all 30 days during the 30 days before the survey)									
0.6	0.7	0.4	0.0	0.1	0.1	Not available	Not available [¶]	No change	
QN21: Percentage of students who ever used an electronic vapor product									
			10.8	10.5	14.4	No linear change	Not available	No change	
QN22: Percentage of students who currently used an electronic vapor product (on at least 1 day during the 30 days before the survey)									
			5.6	4.6	6.0	No linear change	Not available	No change	
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	0.5	0.9	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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey 10-year Trend Analysis Report

White* Tobacco Use						Linear Change [†]	Quadratic Change [†]	Change from 2017-2019 [§]
Health Risk Behavior and Percentages								
2009	2011	2013	2015	2017	2019			
QNDAYEVP: Percentage of students who currently used electronic vapor products daily (on all 30 days during the 30 days before the survey)								
			0.4	0.1	0.5	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, or Camel Snus], not counting any electronic vapor products, on at least 1 day during the 30 days before the survey)								
				0.6	0.8	No linear change	Not available	No change
QN25: Percentage of students who currently smoked cigars (cigars, cigarillos, or little cigars, on at least 1 day during the 30 days before the survey)								
4.1	3.8	3.3	0.8	1.1	0.7	Decreased, 2009-2019	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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey
10-year Trend Analysis Report

White* Alcohol and Other Drug Use						Linear Change [†]	Quadratic Change [†]	Change from 2017-2019 [§]
Health Risk Behavior and Percentages								
2009	2011	2013	2015	2017	2019			
QN26: Percentage of students who ever drank alcohol (other than a few sips)								
20.2	17.0	16.1	13.7	14.0	13.6	Decreased, 2009-2019	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)								
7.2	6.7	5.8	3.0	5.5	4.1	Decreased, 2009-2019	No quadratic change	No change
QN28: Percentage of students who ever used marijuana								
8.3	7.8	6.1	4.9	4.2	5.7	Decreased, 2009-2019	No quadratic change	No change
QN29: Percentage of students who tried marijuana for the first time before age 11 years								
2.6	1.9	1.5	1.3	1.0	0.7	Decreased, 2009-2019	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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey
10-year Trend Analysis Report

White* Alcohol and Other Drug Use						Linear Change [†]	Quadratic Change [†]	Change from 2017-2019 [§]
Health Risk Behavior and Percentages								
2009	2011	2013	2015	2017	2019			
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)						No linear change	Not available [¶]	No change
				6.3	4.6			

*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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey
10-year Trend Analysis Report

White*
Sexual Behaviors

Health Risk Behavior and Percentages						Linear Change [†]	Quadratic Change [†]	Change from 2017-2019 [§]
2009	2011	2013	2015	2017	2019			
QN34: Percentage of students who ever had sexual intercourse								
11.3	8.7	5.9	4.5	4.6	5.3	Decreased, 2009-2019	Decreased, 2009-2015 No change, 2015-2019	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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey
10-year Trend Analysis Report

White*
Physical Activity

Health Risk Behavior and Percentages						Linear Change [†]	Quadratic Change [†]	Change from 2017-2019 [§]
2009	2011	2013	2015	2017	2019			
QN41: 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)								
54.0	61.0	56.0	58.6	53.3	52.0	No linear change	No change, 2009-2015 No change, 2015-2019	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)								
9.6	5.8	6.2	7.1	10.1	6.7	No linear change	No quadratic change	No change
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)								
30.5	35.5	29.0	29.4	27.2	27.8	Decreased, 2009-2019	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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey 10-year Trend Analysis Report

White* Physical Activity						Health Risk Behavior and Percentages	Linear Change [†]	Quadratic Change [†]	Change from 2017-2019 [§]
2009	2011	2013	2015	2017	2019				
QN43: Percentage of students who played video or computer games or used a computer 3 or more hours per day (counting time spent on things such as playing games, watching videos, texting, or using social media on their smartphone, computer, Xbox, PlayStation, iPad, or other tablet, for something that was not school work, on an average school day)									
26.4	26.1	36.0	45.4	39.8	44.6	Increased, 2009-2019	Increased, 2009-2015 No change, 2015-2019	No change	
QN44: 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	89.2	93.9	93.1	88.8	91.0	No linear change	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)									
7.3	4.5	4.1	4.6	3.8	3.5	No linear change	No quadratic change	No change	
QN46: 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)									
				14.2	13.3	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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey
10-year Trend Analysis Report

White* Other	Health Risk Behavior and Percentages						Linear Change [†]	Quadratic Change [†]	Change from 2017-2019 [§]
	2009	2011	2013	2015	2017	2019			
	QN49: Percentage of students who described their grades in school as mostly A's or B's (during the 12 months before the survey)								
	72.4	75.3	77.7	77.7	79.4	77.4	Increased, 2009-2019	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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey 10-year Trend Analysis Report

White*
Site-Added

Health Risk Behavior and Percentages						Linear Change [†]	Quadratic Change [†]	Change from 2017-2019 [§]
2009	2011	2013	2015	2017	2019			
QN50: Percentage of students who have physical disabilities or long-term health problems (meaning 6 months or more)								
8.4	7.2	6.5	5.2	6.5	6.4	Decreased, 2009-2019	No quadratic change	No change
QN51: Percentage of students who have long-term emotional problems or learning disabilities (meaning 6 months or more)								
8.8	9.6	8.6	9.7	9.3	12.1	No linear change	No quadratic change	No change
QN53: Percentage of students who were in a physical fight on school property (one or more times during the 12 months before the survey)								
				11.4	11.4	No linear change	Not available [¶]	No change
QN55: 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)								
				20.0	22.0	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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey 10-year Trend Analysis Report

White*
Site-Added

Health Risk Behavior and Percentages						Linear Change [†]	Quadratic Change [†]	Change from 2017-2019 [§]
2009	2011	2013	2015	2017	2019			
QN56: Percentage of students who reported someone who lives with them smokes cigarettes								
				33.9	25.9	No linear change	Not available [¶]	No change
QN57: Percentage of students who first smoked a cigar, cigarillo or little cigar or used a hookah or an electronic vapor product before age 11 years (even if only for one or two puffs)								
				1.0	1.3	No linear change	Not available	No change
QN62: 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)								
		79.9	80.5	86.1	86.1	Increased, 2013-2019	Not available	No change
QN63: Percentage of students who reported their teeth or mouth have been painful or sore (one or more times during the 12 months before the survey)								
		46.3	46.1	56.6	56.6	Increased, 2013-2019	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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey 10-year Trend Analysis Report

White*
Site-Added

Health Risk Behavior and Percentages						Linear Change [†]	Quadratic Change [†]	Change from 2017-2019 [§]
2009	2011	2013	2015	2017	2019			
QN64: Percentage of students who sometimes, most of the time, or always were self-conscious or embarrassed because of their teeth or mouth (during the 12 months before the survey)								
		16.2	16.7	18.9	21.3	Increased, 2013-2019	Not available [¶]	No change
QN65: Percentage of students who have been taught about AIDS or HIV infection in school								
67.9	72.3	49.4	56.5	44.1	43.5	Decreased, 2009-2019	No quadratic change	No change
QN66: Percentage of students who strongly agree or agree that they feel like they belong at their school								
		76.0	77.1	71.0	65.4	Decreased, 2013-2019	Not available	No change
QN67: 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								
		78.6	83.2	83.0	84.3	Increased, 2013-2019	Not available	No change

*Non-Hispanic.

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

[¶]Not enough years of data to calculate.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey 10-year Trend Analysis Report

Black* Injury and Violence								
Health Risk Behavior and Percentages						Linear Change [†]	Quadratic Change [†]	Change from 2017-2019 [§]
2009	2011	2013	2015	2017	2019			
QN8: Percentage of students who rarely or never wore a seat belt (when riding in a car)								
11.8	5.7	11.1	6.0	8.3	9.1	No linear change	No change, 2009-2015 No change, 2015-2019	No change
QN9: Percentage of students who ever rode with a driver who had been drinking alcohol (in a car)								
21.0	21.8	21.6	17.4	23.6	22.6	No linear change	No quadratic change	No change
QN10: Percentage of students who ever carried a weapon (such as a gun, knife, or club)								
				22.5	19.0	No linear change	Not available [¶]	No change
QN12: Percentage of students who were ever bullied on school property								
27.7	31.0	38.2	34.2	31.8	30.5	No linear change	No change, 2009-2013 No change, 2013-2019	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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey
10-year Trend Analysis Report

Black*
Injury and Violence

Health Risk Behavior and Percentages						Linear Change [†]	Quadratic Change [†]	Change from 2017-2019 [§]
2009	2011	2013	2015	2017	2019			
QN13: Percentage of students who were ever electronically bullied (counting being bullied through texting, Instagram, Facebook, or other social media)								
	15.4	20.9	15.2	17.3	12.8	No linear change	Not available [¶]	No change
QN14: Percentage of students who ever seriously thought about killing themselves								
22.8	20.8	24.6	18.6	20.5	18.0	No linear change	No quadratic change	No change
QN15: Percentage of students who ever made a plan about how they would kill themselves								
11.3	13.7	21.0	11.0	11.1	11.0	No linear change	No quadratic change	No change
QN16: Percentage of students who ever tried to kill themselves								
11.0	7.9	12.8	8.1	9.7	7.5	No linear change	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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey 10-year Trend Analysis Report

Black* Tobacco Use						Health Risk Behavior and Percentages	Linear Change [†]	Quadratic Change [†]	Change from 2017-2019 [§]
2009	2011	2013	2015	2017	2019				
QN17: Percentage of students who ever tried cigarette smoking (even one or two puffs)									
23.4	21.0	29.3	9.3	4.1	9.3	Decreased, 2009-2019	No quadratic change	No change	
QN19: Percentage of students who currently smoked cigarettes (on at least 1 day during the 30 days before the survey)									
3.8	1.5	6.9	0.2	1.6	2.8	No linear change	No quadratic change	No change	
QNFRCIG: Percentage of students who currently smoked cigarettes frequently (on 20 or more days during the 30 days before the survey)									
1.6	0.4	0.6	0.0	1.6	0.7	Not available	Not available [¶]	No change	
QNDAYCIG: Percentage of students who currently smoked cigarettes daily (on all 30 days during the 30 days before the survey)									
1.6	0.4	0.6	0.0	0.9	0.7	Not available	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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey
10-year Trend Analysis Report

Black* Tobacco Use						Linear Change [†]	Quadratic Change [†]	Change from 2017-2019 [§]
Health Risk Behavior and Percentages								
2009	2011	2013	2015	2017	2019			
QN21: Percentage of students who ever used an electronic vapor product								
			21.3	26.5	22.8	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, or Camel Snus], not counting any electronic vapor products, on at least 1 day during the 30 days before the survey)								
				2.8	3.6	No linear change	Not available	No change
QN25: Percentage of students who currently smoked cigars (cigars, cigarillos, or little cigars, on at least 1 day during the 30 days before the survey)								
4.8	3.2	7.6	0.9	3.0	2.2	No linear change	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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey
10-year Trend Analysis Report

Black* Alcohol and Other Drug Use						Linear Change [†]	Quadratic Change [†]	Change from 2017-2019 [§]
Health Risk Behavior and Percentages								
2009	2011	2013	2015	2017	2019			
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)						No linear change	Not available [¶]	No change
				5.2	6.7			

*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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey 10-year Trend Analysis Report

Black* Physical Activity						Health Risk Behavior and Percentages	Linear Change [†]	Quadratic Change [†]	Change from 2017-2019 [§]
2009	2011	2013	2015	2017	2019				
QN41: 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)									
38.8	51.6	48.9	52.4	36.2	37.4	No linear change	Increased, 2009-2013 Decreased, 2013-2019	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)									
21.4	19.1	20.2	13.0	35.3	22.0	No linear change	No quadratic change	Decreased	
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)									
27.3	33.0	29.9	31.7	26.0	22.1	No linear change	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, $p < 0.05$.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey
10-year Trend Analysis Report

Black* Physical Activity						Linear Change [†]	Quadratic Change [†]	Change from 2017-2019 [§]
Health Risk Behavior and Percentages								
2009	2011	2013	2015	2017	2019			
QN43: Percentage of students who played video or computer games or used a computer 3 or more hours per day (counting time spent on things such as playing games, watching videos, texting, or using social media on their smartphone, computer, Xbox, PlayStation, iPad, or other tablet, for something that was not school work, on an average school day)								
38.3	47.2	36.8	59.8	51.0	40.2	No linear change	Increased, 2009-2015 Decreased, 2015-2019	No change
QN44: Percentage of students who attended physical education (PE) classes on 1 or more days (in an average week when they were in school)								
84.4	82.5	77.5	94.8	75.1	76.5	No linear change	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)								
11.9	21.5	15.6	21.3	22.3	26.1	No linear change	No quadratic change	No change
QN46: 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)								
				20.7	15.5	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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey 10-year Trend Analysis Report

**Black*
Site-Added**

Health Risk Behavior and Percentages						Linear Change [†]	Quadratic Change [†]	Change from 2017-2019 [§]
2009	2011	2013	2015	2017	2019			
QN50: Percentage of students who have physical disabilities or long-term health problems (meaning 6 months or more)								
6.4	7.0	9.1	5.9	4.9	3.9	No linear change	No quadratic change	No change
QN51: Percentage of students who have long-term emotional problems or learning disabilities (meaning 6 months or more)								
3.9	7.9	11.3	7.8	6.5	2.1	No linear change	Increased, 2009-2013 Decreased, 2013-2019	No change
QN53: Percentage of students who were in a physical fight on school property (one or more times during the 12 months before the survey)								
				21.3	27.3	No linear change	Not available [¶]	No change
QN55: 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)								
				29.5	21.0	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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey
10-year Trend Analysis Report

Black*
Site-Added

Health Risk Behavior and Percentages						Linear Change [†]	Quadratic Change [†]	Change from 2017-2019 [§]
2009	2011	2013	2015	2017	2019			
QN56: Percentage of students who reported someone who lives with them smokes cigarettes								
				35.1	23.8	No linear change	Not available [¶]	No change
QN57: Percentage of students who first smoked a cigar, cigarillo or little cigar or used a hookah or an electronic vapor product before age 11 years (even if only for one or two puffs)								
				4.0	4.3	No linear change	Not available	No change
QN62: 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)								
		59.8	64.1	71.7	65.9	No linear change	Not available	No change
QN63: Percentage of students who reported their teeth or mouth have been painful or sore (one or more times during the 12 months before the survey)								
		39.1	42.0	53.7	46.0	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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey 10-year Trend Analysis Report

**Black*
Site-Added**

Health Risk Behavior and Percentages						Linear Change [†]	Quadratic Change [†]	Change from 2017-2019 [§]
2009	2011	2013	2015	2017	2019			
QN64: Percentage of students who sometimes, most of the time, or always were self-conscious or embarrassed because of their teeth or mouth (during the 12 months before the survey)								
		18.9	16.8	17.8	16.4	No linear change	Not available [¶]	No change
QN65: Percentage of students who have been taught about AIDS or HIV infection in school								
72.8	65.7	59.6	45.2	37.5	30.3	Decreased, 2009-2019	No quadratic change	No change
QN66: Percentage of students who strongly agree or agree that they feel like they belong at their school								
		59.5	66.0	53.0	57.1	No linear change	Not available	No change
QN67: 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								
		71.3	75.0	89.4	68.1	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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey 10-year Trend Analysis Report

Hispanic Injury and Violence

Health Risk Behavior and Percentages						Linear Change*	Quadratic Change*	Change from 2017-2019 [†]
2009	2011	2013	2015	2017	2019			
QN8: Percentage of students who rarely or never wore a seat belt (when riding in a car)								
16.2	12.5	15.4	6.8	11.9	10.4	No linear change	No quadratic change	No change
QN9: Percentage of students who ever rode with a driver who had been drinking alcohol (in a car)								
32.0	27.5	23.3	23.9	20.9	17.9	Decreased, 2009-2019	No quadratic change	No change
QN10: Percentage of students who ever carried a weapon (such as a gun, knife, or club)								
				23.8	17.7	No linear change	Not available [§]	No change
QN12: Percentage of students who were ever bullied on school property								
29.0	33.6	37.9	34.5	31.3	28.5	No linear change	Increased, 2009-2013 Decreased, 2013-2019	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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey 10-year Trend Analysis Report

Hispanic Injury and Violence

Health Risk Behavior and Percentages						Linear Change*	Quadratic Change*	Change from 2017-2019 [†]
2009	2011	2013	2015	2017	2019			
QN13: Percentage of students who were ever electronically bullied (counting being bullied through texting, Instagram, Facebook, or other social media)								
	18.1	22.3	16.1	14.8	14.8	No linear change	Not available [§]	No change
QN14: Percentage of students who ever seriously thought about killing themselves								
21.4	21.3	29.9	19.0	21.7	19.6	No linear change	No quadratic change	No change
QN15: Percentage of students who ever made a plan about how they would kill themselves								
11.7	14.0	21.8	13.4	15.4	13.1	No linear change	Increased, 2009-2013 No change, 2013-2019	No change
QN16: Percentage of students who ever tried to kill themselves								
10.5	11.1	17.0	8.3	11.3	8.7	No linear change	No quadratic change	No change

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

[§]Not enough years of data to calculate.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey 10-year Trend Analysis Report

Hispanic Tobacco Use

Health Risk Behavior and Percentages						Linear Change*	Quadratic Change*	Change from 2017-2019 [†]
2009	2011	2013	2015	2017	2019			
QN17: Percentage of students who ever tried cigarette smoking (even one or two puffs)								
25.8	23.8	24.1	7.4	8.3	7.7	Decreased, 2009-2019	No quadratic change	No change
QN18: Percentage of students who tried cigarette smoking for the first time before age 11 years (even one or two puffs)								
				4.1	4.2	No linear change	Not available [§]	No change
QN19: Percentage of students who currently smoked cigarettes (on at least 1 day during the 30 days before the survey)								
7.8	5.7	5.9	1.0	3.7	2.2	Decreased, 2009-2019	No quadratic change	No change
QNFRCIG: Percentage of students who currently smoked cigarettes frequently (on 20 or more days during the 30 days before the survey)								
2.3	2.7	0.2	0.2	0.5	0.0	Not available	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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey 10-year Trend Analysis Report

Hispanic Tobacco Use

Health Risk Behavior and Percentages						Linear Change*	Quadratic Change*	Change from 2017-2019 [†]
2009	2011	2013	2015	2017	2019			
QNDAYCIG: Percentage of students who currently smoked cigarettes daily (on all 30 days during the 30 days before the survey)								
1.9	2.6	0.2	0.2	0.5	0.0	Not available	Not available [§]	Not available
QN21: Percentage of students who ever used an electronic vapor product								
			23.7	24.0	18.5	No linear change	Not available	No change
QN22: Percentage of students who currently used an electronic vapor product (on at least 1 day during the 30 days before the survey)								
			11.9	11.3	7.1	Decreased, 2015-2019	Not available	No change
QNFREVP: Percentage of students who currently used electronic vapor products frequently (on 20 or more days during the 30 days before the survey)								
			1.0	3.8	0.5	No linear change	Not available	Decreased

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[§]Not enough years of data to calculate.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey 10-year Trend Analysis Report

Hispanic Tobacco Use

Health Risk Behavior and Percentages						Linear Change*	Quadratic Change*	Change from 2017-2019†
2009	2011	2013	2015	2017	2019			
QNDAYEVP: Percentage of students who currently used electronic vapor products daily (on all 30 days during the 30 days before the survey)								
			0.8	2.8	0.5	No linear change	Not available§	Decreased
QN24: Percentage of students who currently used smokeless tobacco (chewing tobacco, snuff, dip, snus, or dissolvable tobacco products [such as Copenhagen, Grizzly, Skoal, or Camel Snus], not counting any electronic vapor products, on at least 1 day during the 30 days before the survey)								
				5.1	2.6	No linear change	Not available	No change
QN25: Percentage of students who currently smoked cigars (cigars, cigarillos, or little cigars, on at least 1 day during the 30 days before the survey)								
6.8	6.6	12.3	1.6	4.9	1.7	Decreased, 2009-2019	No quadratic change	Decreased

*Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.

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§Not enough years of data to calculate.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey 10-year Trend Analysis Report

Hispanic Alcohol and Other Drug Use

Health Risk Behavior and Percentages						Linear Change*	Quadratic Change*	Change from 2017-2019 [†]
2009	2011	2013	2015	2017	2019			
QN26: Percentage of students who ever drank alcohol (other than a few sips)								
41.8	40.9	36.3	21.1	35.5	20.0	Decreased, 2009-2019	No quadratic change	Decreased
QN27: Percentage of students who drank alcohol for the first time before age 11 years (other than a few sips)								
18.0	17.4	18.2	9.1	13.9	10.0	Decreased, 2009-2019	No quadratic change	No change
QN28: Percentage of students who ever used marijuana								
16.0	14.0	13.8	8.0	17.0	9.1	No linear change	No quadratic change	No change
QN29: Percentage of students who tried marijuana for the first time before age 11 years								
6.2	5.7	3.8	1.4	5.4	2.3	Decreased, 2009-2019	No quadratic change	No change

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2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey
10-year Trend Analysis Report

Hispanic
Alcohol and Other Drug Use

Health Risk Behavior and Percentages						Linear Change*	Quadratic Change*	Change from 2017-2019†
2009	2011	2013	2015	2017	2019			
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)								
				9.5	8.8	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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey
10-year Trend Analysis Report

Hispanic
Sexual Behaviors

Health Risk Behavior and Percentages						Linear Change*	Quadratic Change*	Change from 2017-2019†
2009	2011	2013	2015	2017	2019			
QN34: Percentage of students who ever had sexual intercourse								
22.2	20.4	15.2	9.9	15.2	9.6	Decreased, 2009-2019	No quadratic change	No change

*Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.

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2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey 10-year Trend Analysis Report

Hispanic Physical Activity

Health Risk Behavior and Percentages						Linear Change*	Quadratic Change*	Change from 2017-2019 [†]
2009	2011	2013	2015	2017	2019			
QN41: 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)								
43.6	38.8	34.7	41.9	35.0	31.5	Decreased, 2009-2019	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)								
19.8	19.4	23.2	19.9	30.6	17.6	No linear change	No quadratic change	Decreased
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)								
27.6	23.6	20.6	22.9	21.6	18.0	Decreased, 2009-2019	No quadratic change	No change

*Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, $p < 0.05$.

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2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey
10-year Trend Analysis Report

Hispanic
Physical Activity

Health Risk Behavior and Percentages						Linear Change*	Quadratic Change*	Change from 2017-2019†
2009	2011	2013	2015	2017	2019			
QN43: Percentage of students who played video or computer games or used a computer 3 or more hours per day (counting time spent on things such as playing games, watching videos, texting, or using social media on their smartphone, computer, Xbox, PlayStation, iPad, or other tablet, for something that was not school work, on an average school day)								
37.7	42.1	42.0	51.2	46.1	40.8	No linear change	Increased, 2009-2015 Decreased, 2015-2019	No change
QN44: Percentage of students who attended physical education (PE) classes on 1 or more days (in an average week when they were in school)								
86.3	86.4	76.9	92.5	81.9	84.5	No linear change	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)								
11.2	15.3	7.4	18.7	14.2	22.2	No linear change	No quadratic change	No change
QN46: 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)								
				25.7	21.4	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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey
10-year Trend Analysis Report

Hispanic Other	Health Risk Behavior and Percentages						Linear Change*	Quadratic Change*	Change from 2017-2019†
	2009	2011	2013	2015	2017	2019			
	QN49: Percentage of students who described their grades in school as mostly A's or B's (during the 12 months before the survey)								
	53.6	57.4	59.9	66.3	63.7	65.5	Increased, 2009-2019	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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey 10-year Trend Analysis Report

**Hispanic
Site-Added**

Health Risk Behavior and Percentages						Linear Change*	Quadratic Change*	Change from 2017-2019 [†]
2009	2011	2013	2015	2017	2019			
QN50: Percentage of students who have physical disabilities or long-term health problems (meaning 6 months or more)								
7.2	9.8	7.5	7.3	8.6	7.9	No linear change	No quadratic change	No change
QN51: Percentage of students who have long-term emotional problems or learning disabilities (meaning 6 months or more)								
10.3	10.8	12.9	8.2	11.7	11.6	No linear change	No quadratic change	No change
QN53: Percentage of students who were in a physical fight on school property (one or more times during the 12 months before the survey)								
				25.2	24.9	No linear change	Not available [§]	No change
QN55: 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)								
				29.4	34.9	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.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey 10-year Trend Analysis Report

**Hispanic
Site-Added**

Health Risk Behavior and Percentages						Linear Change*	Quadratic Change*	Change from 2017-2019 [†]				
2009	2011	2013	2015	2017	2019							
QN56: Percentage of students who reported someone who lives with them smokes cigarettes						32.5	27.8	No linear change	Not available [§]	No change		
QN57: Percentage of students who first smoked a cigar, cigarillo or little cigar or used a hookah or an electronic vapor product before age 11 years (even if only for one or two puffs)						6.6	5.1	No linear change	Not available	No change		
QN62: 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)						63.8	60.8	66.0	61.4	No linear change	Not available	No change
QN63: Percentage of students who reported their teeth or mouth have been painful or sore (one or more times during the 12 months before the survey)						40.4	41.8	49.7	40.7	No linear change	Not available	Decreased

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[§]Not enough years of data to calculate.

2019 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island Middle School Survey 10-year Trend Analysis Report

**Hispanic
Site-Added**

Health Risk Behavior and Percentages						Linear Change*	Quadratic Change*	Change from 2017-2019 [†]
2009	2011	2013	2015	2017	2019			
QN64: Percentage of students who sometimes, most of the time, or always were self-conscious or embarrassed because of their teeth or mouth (during the 12 months before the survey)								
		18.7	17.0	14.6	18.7	No linear change	Not available [§]	No change
QN65: Percentage of students who have been taught about AIDS or HIV infection in school								
70.0	58.9	59.1	50.1	45.5	30.1	Decreased, 2009-2019	No quadratic change	Decreased
QN66: Percentage of students who strongly agree or agree that they feel like they belong at their school								
		62.5	68.8	60.4	57.1	No linear change	Not available	No change
QN67: 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								
		68.4	77.9	77.6	76.5	No linear change	Not available	No change

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[§]Not enough years of data to calculate.