

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Rhode Island High School Survey Trend Analysis Report

<b>Total Injury and Violence</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>
<b>Health Risk Behavior and Percentages</b>														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN8: Among students who rode a bicycle during the past 12 months, the percentage who never or rarely wore a bicycle helmet														
			90.7		84.5	78.9	82.9	80.4	82.1	77.5	78.1	Decreased, 1997-2013	Decreased, 1997-2003 No change, 2003-2013	No change
QN9: Percentage of students who never or rarely wore a seat belt when riding in a car driven by someone else														
			32.7		17.9	15.6	12.5	13.7	13.1	10.1	5.7	Decreased, 1997-2013	Decreased, 1997-2003 Decreased, 2003-2013	Decreased
QN10: Percentage of students who rode one or more times during the past 30 days in a car or other vehicle driven by someone who had been drinking alcohol														
			35.9		32.3	28.2	28.8	27.5	23.1	21.9	20.1	Decreased, 1997-2013	No quadratic change	No change
QN15: Percentage of students who carried a weapon such as a gun, knife, or club on school property on one or more of the past 30 days														
			7.5		4.5	5.9	4.9	4.9	4.0	4.0	5.0	Decreased, 1997-2013	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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<b>Health Risk Behavior and Percentages</b>														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN16: Percentage of students who did not go to school on one or more of the past 30 days because they felt they would be unsafe at school or on their way to or from school														
			5.8		10.3	5.8	5.5	4.2	7.4	5.9	7.2	No linear change	No quadratic change	No change
QN18: Percentage of students who were in a physical fight one or more times during the past 12 months														
			35.2		31.4	27.6	28.4	26.3	25.1	23.5	18.8	Decreased, 1997-2013	No quadratic change	Decreased
QN20: Percentage of students who were in a physical fight on school property one or more times during the past 12 months														
			13.6		12.7	11.4	11.2	9.6	9.1	7.8	6.3	Decreased, 1997-2013	Decreased, 1997-2005 Decreased, 2005-2013	No change
QN21: Percentage of students who had ever been physically forced to have sexual intercourse when they did not want to														
					7.7	6.3	6.4	10.1	7.1	6.9	8.5	No linear change	No quadratic change	No change
QN24: Percentage of students who had ever been bullied on school property during the past 12 months														
									16.3	19.1	18.1	No linear change	Not available <sup>§</sup>	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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<b>Health Risk Behavior and Percentages</b>														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN25: Percentage of students who had ever been electronically bullied during the past 12 months														
										15.3	14.3	No linear change	Not available <sup>§</sup>	No change
QN26: Percentage of students who felt so sad or hopeless almost every day for two weeks or more in a row that they stopped doing some usual activities during the past 12 months														
				25.7	24.3	25.7	23.6	25.0	24.6	25.8		No linear change	No quadratic change	No change
QN27: Percentage of students who seriously considered attempting suicide during the past 12 months														
		23.6			16.5	14.1	14.0	12.1	11.8	12.3	13.9	Decreased, 1997-2013	Decreased, 1997-2007 No change, 2007-2013	No change
QN28: Percentage of students who made a plan about how they would attempt suicide during the past 12 months														
			17.1		12.4	11.2	11.0	11.5	11.3	10.7	9.9	Decreased, 1997-2013	Decreased, 1997-2003 No change, 2003-2013	No change
QN29: Percentage of students who actually attempted suicide one or more times during the past 12 months														
		9.6			8.1	8.3	8.4	9.3	7.7	8.7	14.3	Increased, 1997-2013	No change, 1997-2009 Increased, 2009-2013	Increased

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

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## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Rhode Island High School Survey Trend Analysis Report

Total Tobacco Use												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN31: Percentage of students who ever tried cigarette smoking, even one or two puffs														
			69.1		60.2	49.7	44.7	43.1	39.4	35.0	29.7	Decreased, 1997-2013	No quadratic change	No change
QN32: Percentage of students who smoked a whole cigarette for the first time before age 13 years														
			24.4		22.3	16.3	12.7	11.5	8.4	7.1	5.6	Decreased, 1997-2013	Decreased, 1997-2003 Decreased, 2003-2013	No change
QN33: Percentage of students who smoked cigarettes on one or more of the past 30 days														
			35.4		24.8	19.3	15.9	15.1	13.3	11.4	8.0	Decreased, 1997-2013	No quadratic change	No change
QNFRCIG: Percentage of students who smoked cigarettes on 20 or more of the past 30 days														
			19.3		14.2	9.0	8.3	6.2	5.4	4.4	3.1	Decreased, 1997-2013	No quadratic change	No change
QN34: Among students who reported current cigarette use, the percentage who smoked more than 10 cigarettes per day on the days they smoked during the past 30 days														
			20.1		19.0	16.3	15.6	12.0	7.3	8.6	13.0	Decreased, 1997-2013	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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<b>Total Tobacco Use</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>	
<b>Health Risk Behavior and Percentages</b>															
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013				
QN35: Among students who were less than 18 years of age and who reported current cigarette use, the percentage who usually got their own cigarettes by buying them in a store or gas station during the past 30 days															
					28.7	21.5	22.2	27.0	25.0	25.5	28.7		No linear change	No quadratic change	No change
QN36: Percentage of students who smoked cigarettes on school property on one or more of the past 30 days															
			20.4		14.0	9.1	7.5	7.4	5.4	4.6	2.8		Decreased, 1997-2013	No quadratic change	Decreased
QN37: Percentage of students who ever smoked cigarettes daily, that is, at least one cigarette every day for 30 days															
					18.5	14.3	12.5	11.5	9.2	8.0	5.9		Decreased, 2001-2013	No quadratic change	No change
QN38: Among students who reported current cigarette use, the percentage who ever tried to quit smoking cigarettes during the past 12 months															
					55.6	50.3	51.5	59.3	46.3	48.5	51.9		No linear change	No quadratic change	No change
QN39: Percentage of students who used chewing tobacco, snuff, or dip on one or more of the past 30 days															
			6.1		3.9	4.6	4.2	6.5	6.1	5.7	7.0		No linear change	No quadratic change	No change

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Total Tobacco Use												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN40: Percentage of students who smoked cigars, cigarillos, or little cigars on one or more of the past 30 days														
					14.0	10.5	12.3	12.9	10.1	13.3	9.4	No linear change	No quadratic change	Decreased
QNANYTOB: Percentage of students who smoked cigarettes or cigars or used chewing tobacco, snuff, or dip on one or more of the past 30 days														
					29.2	23.4	20.2	21.6	18.9	17.9	15.1	Decreased, 2001-2013	No quadratic change	No change

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## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Rhode Island High School Survey Trend Analysis Report

<b>Total Alcohol and Other Drug Use</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>
<b>Health Risk Behavior and Percentages</b>														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN42: Percentage of students who had their first drink of alcohol other than a few sips before age 13 years														
			33.7		29.7	24.7	21.7	21.1	15.8	15.6	13.5	Decreased, 1997-2013	No quadratic change	No change
QN43: Percentage of students who had at least one drink of alcohol on one or more of the past 30 days														
			52.2		50.3	44.5	42.7	42.9	34.0	34.0	30.9	Decreased, 1997-2013	No quadratic change	No change
QN44: Percentage of students who had five or more drinks of alcohol in a row, that is, within a couple of hours, on one or more of the past 30 days														
			32.2		30.7	26.8	24.5	23.3	18.7	18.3	15.3	Decreased, 1997-2013	No quadratic change	No change
QN47: Percentage of students who used marijuana one or more times during their life														
			47.0		48.3	44.2	42.6	40.3	39.9	40.1	39.5	Decreased, 1997-2013	No quadratic change	No change
QN48: Percentage of students who tried marijuana for the first time before age 13 years														
			10.9		12.8	10.9	9.6	9.2	8.3	7.1	6.8	Decreased, 1997-2013	No change, 1997-2003 Decreased, 2003-2013	No change

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<b>Health Risk Behavior and Percentages</b>															
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013				
QN49: Percentage of students who used marijuana one or more times during the past 30 days															
			28.7		33.2	27.6	25.0	23.2	26.3	26.3	23.9	Decreased, 1997-2013		No quadratic change	No change
QN50: Percentage of students who used any form of cocaine, including powder, crack, or freebase one or more times during their life															
			7.0		9.9	6.2	7.7	5.8	5.4	5.9	4.5	Decreased, 1997-2013		No change, 1997-2005 Decreased, 2005-2013	No change
QN56: Percentage of students who have taken a prescription drug (such as OxyContin, Percocet, Vicodin, codeine, Adderall, Ritalin, or Xanax) without a doctor's prescription one or more times during their life															
										14.1	13.5	No linear change		Not available <sup>§</sup>	No change
QN58: Percentage of students who were offered, sold, or given an illegal drug by someone on school property during the past 12 months															
			29.4		30.9	26.0	24.1	25.3	25.2	22.4	22.6	Decreased, 1997-2013		No quadratic change	No change

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§Not enough years of data to calculate.



**2013 YOUTH RISK BEHAVIOR SURVEY RESULTS**

**Rhode Island High School Survey**

**Trend Analysis Report**

<b>Total Sexual Behaviors</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>
<b>Health Risk Behavior and Percentages</b>														
<b>1991</b>	<b>1993</b>	<b>1995</b>	<b>1997</b>	<b>1999</b>	<b>2001</b>	<b>2003</b>	<b>2005</b>	<b>2007</b>	<b>2009</b>	<b>2011</b>	<b>2013</b>			
QN59: Percentage of students who ever had sexual intercourse														
			42.7		45.9	44.3	46.7	45.5	44.2	41.7	37.4	Decreased, 1997-2013	No change, 1997-2007 Decreased, 2007-2013	No change
QN60: Percentage of students who had sexual intercourse for the first time before age 13 years														
			5.7		6.5	5.5	5.9	6.1	5.2	4.9	4.1	Decreased, 1997-2013	No quadratic change	No change
QN61: Percentage of students who had sexual intercourse with four or more people during their life														
			12.1		14.3	10.9	13.0	10.9	11.2	10.5	7.9	Decreased, 1997-2013	No change, 1997-2005 Decreased, 2005-2013	No change
QN62: Percentage of students who had sexual intercourse with one or more people during the past three months														
			31.1		36.1	31.1	36.5	33.1	32.3	29.8	27.0	Decreased, 1997-2013	No change, 1997-2005 Decreased, 2005-2013	No change
QN64: Among students who had sexual intercourse during the past three months, the percentage who used a condom during last sexual intercourse														
			52.4		56.1	63.0	65.8	66.0	61.2	59.1	67.6	Increased, 1997-2013	No quadratic change	Increased

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

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2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island High School Survey  
Trend Analysis Report

Total Sexual Behaviors												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN85: Percentage of students who had ever been taught in school about AIDS or HIV infection														
			95.0		90.4	91.6	87.4	89.4	86.7	83.3	82.5	Decreased, 1997-2013	No quadratic change	No change

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### Rhode Island High School Survey Trend Analysis Report

<b>Total</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>
<b>Weight Management and Dietary Behaviors</b>														
<b>Health Risk Behavior and Percentages</b>														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QNOWT: Percentage of students who were overweight (i.e., at or above the 85th percentile but below the 95th percentile for body mass index, by age and sex) <sup>§</sup>														
				14.0	14.4	15.1	16.1	16.5	14.9	16.2		No linear change	No quadratic change	No change
QNOBESE: Percentage of students who were obese (i.e., at or above the 95th percentile for body mass index, by age and sex) <sup>§</sup>														
				9.1	9.8	12.8	10.6	10.2	10.8	10.7		No linear change	No quadratic change	No change
QN66: Percentage of students who described themselves as slightly or very overweight														
		29.2		30.8	30.1	33.2	29.1	27.8	28.3	29.6		No linear change	No quadratic change	No change
QN67: Percentage of students who were trying to lose weight														
		43.2		42.0	44.3	45.3	47.8	45.5	46.0	46.1		Increased, 1997-2013	No quadratic change	No change
QN68: Percentage of students who went without eating for 24 hours or more to lose weight or to keep from gaining weight during the past 30 days														
				11.5	10.7	12.1	11.3	10.9	12.0	12.4		No linear change	No quadratic change	No change

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§Overweight and obese prevalence estimates for 1999 differ slightly from previously published results because different BMI cut points were used in 1999 than in subsequent years. To make these prevalence estimates comparable, the 1999 prevalence estimates were recalculated using the updated BMI cut points.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island High School Survey  
Trend Analysis Report

Total												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Weight Management and Dietary Behaviors														
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN69: Percentage of students who took any diet pills, powders, or liquids without a doctor's advice to lose weight or to keep from gaining weight during the past 30 days														
										5.6	5.3	No linear change	Not available <sup>§</sup>	No change
QN70: Percentage of students who vomited or took laxatives to lose weight or to keep from gaining weight during the past 30 days														
			6.1		4.7	4.1	5.0	5.4	5.7	5.5	7.0	No linear change	Decreased, 1997-2003 Increased, 2003-2013	Increased
QN71: Percentage of students who drank 100% fruit juices one or more times during the past seven days														
					88.4	86.5	84.3	84.2	83.3	83.6	78.9	Decreased, 2001-2013	No quadratic change	Decreased
QN72: Percentage of students who ate fruit one or more times during the past seven days														
					86.2	85.7	86.1	85.8	87.2	87.5	87.6	Increased, 2001-2013	No quadratic change	No change
QN73: Percentage of students who ate green salad one or more times during the past seven days														
					71.2	72.2	68.6	71.3	64.1	66.1	65.2	Decreased, 2001-2013	No quadratic change	No change

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<b>Weight Management and Dietary Behaviors</b>														
<b>Health Risk Behavior and Percentages</b>														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN74: Percentage of students who ate potatoes one or more times during the past seven days														
					76.4	74.9	74.4	74.1	71.6	71.9	71.7	Decreased, 2001-2013	No quadratic change	No change
QN75: Percentage of students who ate carrots one or more times during the past seven days														
					55.9	53.9	52.2	53.3	52.6	51.6	53.6	No linear change	No quadratic change	No change
QN76: Percentage of students who ate other vegetables one or more times during the past seven days														
					85.1	84.1	82.1	82.9	81.3	83.4	82.5	No linear change	No quadratic change	No change
QNFRVG: Percentage of students who ate fruits and vegetables five or more times per day during the past seven days														
					27.4	28.4	25.4	19.0	22.6	22.6	20.8	Decreased, 2001-2013	No quadratic change	No change
QNFRUIT: Percentage of students who ate fruits or drank 100% fruit juices two or more times per day during the past seven days														
					39.7	39.6	37.5	30.9	34.9	34.1	32.6	Decreased, 2001-2013	No quadratic change	No change

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<b>Health Risk Behavior and Percentages</b>														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QNFR0: Percentage of students who ate fruits or drank 100% fruit juices 0 times per day during the past seven days												No linear change	No quadratic change	No change
					5.3	5.5	6.1	5.2	5.4	5.0	5.1			
QNFR1: Percentage of students who ate fruits or drank 100% fruit juices one or more times per day during the past seven days												Decreased, 2001-2013	No quadratic change	No change
					69.6	67.6	66.1	59.9	64.8	63.5	61.9			
QNFR3: Percentage of students who ate fruits or drank 100% fruit juices three or more times per day during the past seven days												Decreased, 2001-2013	No quadratic change	No change
					27.9	28.5	26.4	20.9	23.2	21.9	21.1			
QNVEG: Percentage of students who ate vegetables three or more times per day during the past seven days												Decreased, 2001-2013	No quadratic change	No change
					17.0	19.3	16.8	11.7	12.9	14.1	13.8			
QNVEG0: Percentage of students who ate vegetables 0 times per day during the past seven days												No linear change	No quadratic change	No change
					4.3	5.4	6.3	5.3	6.1	5.3	6.2			

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<b>Health Risk Behavior and Percentages</b>														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QNVEG1: Percentage of students who ate vegetables one or more times per day during the past seven days														
					70.6	67.9	66.2	65.0	63.1	64.7	63.9	Decreased, 2001-2013	No quadratic change	No change
QNVEG2: Percentage of students who ate vegetables two or more times per day during the past seven days														
					32.9	35.2	30.9	26.8	27.9	29.6	28.6	Decreased, 2001-2013	No quadratic change	No change
QNFRVG2: Percentage of students who ate fruits or drank 100% fruit juices two or more times per day and ate vegetables three or more times per day during the past seven days														
					12.6	15.2	11.6	8.6	9.7	10.3	9.8	Decreased, 2001-2013	No quadratic change	No change
QN77: Percentage of students who drank a can, bottle, or glass of soda or pop one or more times per day during the past seven days														
								25.2	21.2	20.2	17.4	Decreased, 2007-2013	Not available <sup>§</sup>	No change
QNSODA0: Percentage of students who drank a can, bottle, or glass of soda or pop 0 times per day during the past seven days														
								22.3	24.1	23.4	29.5	Increased, 2007-2013	Not available	Increased

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Total												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Weight Management and Dietary Behaviors														
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QNSODA2: Percentage of students who drank a can, bottle, or glass of soda or pop two or more times per day during the past seven days														
								17.6	14.9	13.8	10.7	Decreased, 2007-2013	Not available <sup>§</sup>	Decreased
QNSODA3: Percentage of students who drank a can, bottle, or glass of soda or pop three or more times per day during the past seven days														
								10.9	8.7	8.1	5.8	Decreased, 2007-2013	Not available	Decreased

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†Based on t-test analysis, p < 0.05.

§Not enough years of data to calculate.



## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Rhode Island High School Survey Trend Analysis Report

<b>Total Physical Activity</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>
<b>Health Risk Behavior and Percentages</b>														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN80: Percentage of students who were physically active for a total of at least 60 minutes per day on five or more of the past seven days												Increased, 2005-2013	Not available <sup>§</sup>	No change
QNPA0DAY: Percentage of students who were physically active for a total of at least 60 minutes per day on 0 of the past seven days												Decreased, 2005-2013	Not available	No change
QNPA7DAY: Percentage of students who were physically active for a total of at least 60 minutes per day on 7 of the past seven days												Increased, 2005-2013	Not available	No change
QN81: Percentage of students who watched three or more hours per day of TV on an average school day												Decreased, 2001-2013	No quadratic change	No change
QN82: Percentage of students who played video or computer games or used a computer for something that was not school work three or more hours per day on an average school day												Increased, 2007-2013	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.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Rhode Island High School Survey Trend Analysis Report

Total Physical Activity												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN83: Percentage of students who attended physical education (PE) classes on one or more days in an average week when they were in school														
			90.8		88.1	89.6	86.7	78.6	82.3	78.3	76.9	Decreased, 1997-2013	No quadratic change	No change
QNDLYPE: Percentage of students who attended physical education (PE) classes daily in an average week when they were in school														
			13.4		15.6	21.1	19.8	23.1	22.2	23.2	25.7	Increased, 1997-2013	No quadratic change	No change
QN84: Percentage of students who played on one or more sports teams during the past 12 months														
										55.1	54.9	No linear change	Not available <sup>§</sup>	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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island High School Survey  
Trend Analysis Report

Total Other	Health Risk Behavior and Percentages											Linear Change*	Quadratic Change*	Change from 2011-2013 †
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011			
QN86: Percentage of students who had ever been told by a doctor or nurse that they had asthma														
							20.1	25.8	22.5	25.3	23.0	No linear change	Not available <sup>§</sup>	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.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Rhode Island High School Survey Trend Analysis Report

Total Site-Added	Health Risk Behavior and Percentages											Linear Change*	Quadratic Change*	Change from 2011-2013 †
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011			
QN87: Percentage of students who would describe their grades in school as mostly A's or B's during the past 12 months														
								64.0	62.9	67.4	70.5	Increased, 2007-2013	Not available <sup>§</sup>	No change
QN88: Percentage of students who have physical disabilities or long-term health problems														
								11.2	9.9	12.2	8.5	No linear change	Not available	Decreased
QN89: Percentage of students who have long-term emotional problems or learning disabilities														
								12.9	12.1	14.9	12.4	No linear change	Not available	Decreased
QN90: Percentage of students who were asked by a doctor, dentist, or nurse during the past 12 months whether they smoke cigarettes														
								28.2	30.4	31.8	34.7	Increased, 2007-2013	Not available	No change
QN92: Percentage of students who used chewing tobacco, snuff, or dip on school property on one or more of the past 30 days														
										3.2	5.3	Increased, 2011-2013	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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island High School Survey  
Trend Analysis Report

Total Site-Added	Health Risk Behavior and Percentages											Linear Change*	Quadratic Change*	Change from 2011-2013 †
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011			
QN103: Percentage of students who have had sexual contact with males and females during their life														
								5.3	4.4	5.1	4.7	No linear change	Not available <sup>§</sup>	No change
QN104: Percentage of students who describe themselves as gay or lesbian or bisexual														
								7.2	6.4	7.7	7.7	No linear change	Not available	No change
QN108: Percentage of students who had been told by a doctor or nurse that they had asthma and who still have asthma														
								13.6	11.7	13.9	12.0	No linear change	Not available	Decreased
QN109: Percentage of students who last saw a doctor or nurse for a check-up or physical exam during the past 12 months when they were not sick or injured														
								71.8	73.6	79.0		Increased, 2009-2013	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.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Rhode Island High School Survey Trend Analysis Report

<b>Male Injury and Violence</b>														
<b>Health Risk Behavior and Percentages</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN8: Among students who rode a bicycle during the past 12 months, the percentage who never or rarely wore a bicycle helmet												Decreased, 1997-2013	No quadratic change	No change
90.9			88.2	82.2	86.2	84.7	82.8	81.0	82.5					
QN9: Percentage of students who never or rarely wore a seat belt when riding in a car driven by someone else												Decreased, 1997-2013	No quadratic change	Decreased
36.9			22.4	20.6	15.7	16.5	16.0	12.4	7.3					
QN10: Percentage of students who rode one or more times during the past 30 days in a car or other vehicle driven by someone who had been drinking alcohol												Decreased, 1997-2013	No quadratic change	No change
37.6			34.7	25.9	31.3	28.5	22.0	22.3	19.2					
QN15: Percentage of students who carried a weapon such as a gun, knife, or club on school property on one or more of the past 30 days												Decreased, 1997-2013	No quadratic change	No change
11.1			7.5	8.6	7.4	7.6	5.8	5.7	7.4					
QN16: Percentage of students who did not go to school on one or more of the past 30 days because they felt they would be unsafe at school or on their way to or from school												No linear change	No quadratic change	No change
6.2			10.1	6.9	5.8	4.4	6.9	5.7	6.9					

\*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.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Rhode Island High School Survey Trend Analysis Report

<b>Male Injury and Violence</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>
<b>Health Risk Behavior and Percentages</b>														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN18: Percentage of students who were in a physical fight one or more times during the past 12 months														
			42.2		41.0	35.0	37.0	33.7	30.5	29.7	23.4	Decreased, 1997-2013	No quadratic change	Decreased
QN20: Percentage of students who were in a physical fight on school property one or more times during the past 12 months														
			18.8		17.7	14.3	14.8	13.2	11.7	10.2	8.0	Decreased, 1997-2013	No quadratic change	No change
QN21: Percentage of students who had ever been physically forced to have sexual intercourse when they did not want to														
					7.0	5.7	5.9	7.9	5.3	5.2	7.0	No linear change	No quadratic change	No change
QN24: Percentage of students who had ever been bullied on school property during the past 12 months														
								15.3	17.6	15.6		No linear change	Not available <sup>§</sup>	No change
QN25: Percentage of students who had ever been electronically bullied during the past 12 months														
								10.1	9.3			No linear change	Not available	No change

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

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

§Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island High School Survey  
Trend Analysis Report

Male Injury and Violence												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN26: Percentage of students who felt so sad or hopeless almost every day for two weeks or more in a row that they stopped doing some usual activities during the past 12 months												No linear change	No quadratic change	No change
					20.5	19.4	17.2	17.8	20.3	17.6	16.5			
QN27: Percentage of students who seriously considered attempting suicide during the past 12 months												Decreased, 1997-2013	No quadratic change	No change
			17.2		13.7	11.9	10.7	9.4	9.0	10.1	9.5			
QN28: Percentage of students who made a plan about how they would attempt suicide during the past 12 months												Decreased, 1997-2013	No quadratic change	No change
			12.7		9.2	9.3	8.8	9.5	9.8	8.8	6.9			
QN29: Percentage of students who actually attempted suicide one or more times during the past 12 months												Increased, 1997-2013	No change, 1997-2009 Increased, 2009-2013	Increased
			6.1		5.9	6.9	5.6	8.2	7.1	9.1	14.1			

\*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.



## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Rhode Island High School Survey Trend Analysis Report

Male Tobacco Use												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN31: Percentage of students who ever tried cigarette smoking, even one or two puffs														
			69.4		57.9	46.6	42.9	43.4	39.9	37.1	30.5	Decreased, 1997-2013	Decreased, 1997-2005 Decreased, 2005-2013	Decreased
QN32: Percentage of students who smoked a whole cigarette for the first time before age 13 years														
			26.7		22.4	16.8	13.3	12.5	8.8	9.1	6.7	Decreased, 1997-2013	No quadratic change	No change
QN33: Percentage of students who smoked cigarettes on one or more of the past 30 days														
			35.3		24.1	16.9	14.7	16.4	13.3	13.3	8.0	Decreased, 1997-2013	No quadratic change	Decreased
QN34: Percentage of students who smoked cigarettes on 20 or more of the past 30 days														
			19.8		15.1	8.2	7.4	7.7	5.6	5.6	3.7	Decreased, 1997-2013	No quadratic change	No change
QN36: Percentage of students who smoked cigarettes on school property on one or more of the past 30 days														
			19.5		13.7	8.5	7.2	8.6	5.7	5.9	3.6	Decreased, 1997-2013	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,  $p < 0.05$ .

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Rhode Island High School Survey Trend Analysis Report

Male Tobacco Use												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN37: Percentage of students who ever smoked cigarettes daily, that is, at least one cigarette every day for 30 days												Decreased, 2001-2013	No quadratic change	No change
					17.8	13.4	10.3	12.0	8.5	9.1	6.8			
QN39: Percentage of students who used chewing tobacco, snuff, or dip on one or more of the past 30 days												No linear change	No quadratic change	No change
			10.4		6.1	7.0	6.7	10.6	9.5	9.8	10.0			
QN40: Percentage of students who smoked cigars, cigarillos, or little cigars on one or more of the past 30 days												Decreased, 2001-2013	No quadratic change	Decreased
					21.5	14.2	18.5	19.6	15.3	19.1	12.4			
QNANYTOB: Percentage of students who smoked cigarettes or cigars or used chewing tobacco, snuff, or dip on one or more of the past 30 days												Decreased, 2001-2013	No quadratic change	No change
					31.5	23.2	22.2	26.5	22.4	23.3	18.2			

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

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

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Rhode Island High School Survey Trend Analysis Report

<b>Male</b>														
<b>Alcohol and Other Drug Use</b>														
<b>Health Risk Behavior and Percentages</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN42: Percentage of students who had their first drink of alcohol other than a few sips before age 13 years														
			36.7		34.6	29.4	24.3	25.8	16.8	16.7	15.7	Decreased, 1997-2013	No quadratic change	No change
QN43: Percentage of students who had at least one drink of alcohol on one or more of the past 30 days														
			53.7		53.3	42.2	42.7	42.8	32.2	32.6	29.2	Decreased, 1997-2013	No quadratic change	No change
QN44: Percentage of students who had five or more drinks of alcohol in a row, that is, within a couple of hours, on one or more of the past 30 days														
			36.2		34.8	28.0	27.1	25.6	18.9	19.1	15.1	Decreased, 1997-2013	No quadratic change	No change
QN47: Percentage of students who used marijuana one or more times during their life														
			50.9		53.7	44.4	43.4	43.9	42.9	44.1	40.8	Decreased, 1997-2013	No quadratic change	No change
QN48: Percentage of students who tried marijuana for the first time before age 13 years														
			14.0		17.2	13.7	12.2	13.0	10.1	9.3	9.1	Decreased, 1997-2013	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,  $p < 0.05$ .

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Rhode Island High School Survey Trend Analysis Report

<b>Male</b>														
<b>Alcohol and Other Drug Use</b>														
<b>Health Risk Behavior and Percentages</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN49: Percentage of students who used marijuana one or more times during the past 30 days														
			31.3		36.4	28.6	26.4	26.8	29.6	30.0	25.1	Decreased, 1997-2013	No quadratic change	No change
QN50: Percentage of students who used any form of cocaine, including powder, crack, or freebase one or more times during their life														
			9.9		11.8	7.4	9.3	7.4	6.8	7.7	5.1	Decreased, 1997-2013	No quadratic change	Decreased
QN56: Percentage of students who have taken a prescription drug (such as OxyContin, Percocet, Vicodin, codeine, Adderall, Ritalin, or Xanax) without a doctor's prescription one or more times during their life														
										16.3	13.9	No linear change	Not available <sup>§</sup>	No change
QN58: Percentage of students who were offered, sold, or given an illegal drug by someone on school property during the past 12 months														
			34.3		36.3	28.3	26.6	28.9	28.7	26.8	26.5	Decreased, 1997-2013	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.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Rhode Island High School Survey Trend Analysis Report

<b>Male Sexual Behaviors</b>														
<b>Health Risk Behavior and Percentages</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN59: Percentage of students who ever had sexual intercourse														
			43.1		49.1	46.5	48.3	50.1	45.6	45.4	37.7	Decreased, 1997-2013	No change, 1997-2007 Decreased, 2007-2013	No change
QN60: Percentage of students who had sexual intercourse for the first time before age 13 years														
			7.5		9.5	8.4	9.4	10.3	8.0	8.0	6.2	Decreased, 1997-2013	No change, 1997-2005 Decreased, 2005-2013	No change
QN61: Percentage of students who had sexual intercourse with four or more people during their life														
			14.2		19.1	15.2	16.8	14.6	13.7	13.9	10.1	Decreased, 1997-2013	No change, 1997-2003 Decreased, 2003-2013	No change
QN62: Percentage of students who had sexual intercourse with one or more people during the past three months														
			27.9		37.5	30.7	36.6	34.8	32.0	31.2	24.6	Decreased, 1997-2013	Increased, 1997-2005 Decreased, 2005-2013	Decreased
QN64: Among students who had sexual intercourse during the past three months, the percentage who used a condom during last sexual intercourse														
			56.1		61.1	70.1	72.9	70.9	68.2	63.7	71.0	Increased, 1997-2013	Increased, 1997-2005 No change, 2005-2013	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,  $p < 0.05$ .

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island High School Survey  
Trend Analysis Report

Male  
Sexual Behaviors

Health Risk Behavior and Percentages											Linear Change*	Quadratic Change*	Change from 2011-2013 †	
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN85: Percentage of students who had ever been taught in school about AIDS or HIV infection														
			93.9		89.7	90.4	84.6	88.0	85.5	83.4	81.4	Decreased, 1997-2013	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.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Rhode Island High School Survey Trend Analysis Report

<b>Male</b>														
<b>Weight Management and Dietary Behaviors</b>														
<b>Health Risk Behavior and Percentages</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QNOWT: Percentage of students who were overweight (i.e., at or above the 85th percentile but below the 95th percentile for body mass index, by age and sex) <sup>§</sup>														
					15.1	13.8	16.4	16.2	16.4	14.9	15.6	No linear change	No quadratic change	No change
QNOBESE: Percentage of students who were obese (i.e., at or above the 95th percentile for body mass index, by age and sex) <sup>§</sup>														
					14.7	14.1	17.0	13.7	12.3	13.2	13.3	No linear change	No quadratic change	No change
QN66: Percentage of students who described themselves as slightly or very overweight														
		22.1			25.1	25.6	28.9	23.7	21.8	23.1	23.0	No linear change	Increased, 1997-2005 Decreased, 2005-2013	No change
QN67: Percentage of students who were trying to lose weight														
		25.0			25.7	28.2	31.5	32.1	30.5	32.9	32.0	Increased, 1997-2013	No quadratic change	No change
QN68: Percentage of students who went without eating for 24 hours or more to lose weight or to keep from gaining weight during the past 30 days														
					7.0	7.0	7.9	8.6	7.8	7.3	6.5	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,  $p < 0.05$ .

§Overweight and obese prevalence estimates for 1999 differ slightly from previously published results because different BMI cut points were used in 1999 than in subsequent years. To make these prevalence estimates comparable, the 1999 prevalence estimates were recalculated using the updated BMI cut points.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Rhode Island High School Survey Trend Analysis Report

<b>Male</b>														
<b>Weight Management and Dietary Behaviors</b>														
<b>Health Risk Behavior and Percentages</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN69: Percentage of students who took any diet pills, powders, or liquids without a doctor's advice to lose weight or to keep from gaining weight during the past 30 days														
										5.5	3.9	No linear change	Not available <sup>§</sup>	No change
QN70: Percentage of students who vomited or took laxatives to lose weight or to keep from gaining weight during the past 30 days														
			3.3		2.8	3.2	4.3	5.1	5.5	4.5	4.5	No linear change	No quadratic change	No change
QN71: Percentage of students who drank 100% fruit juices one or more times during the past seven days														
					89.5	86.6	84.4	83.2	83.4	84.9	80.2	Decreased, 2001-2013	No quadratic change	Decreased
QN72: Percentage of students who ate fruit one or more times during the past seven days														
					85.2	83.7	85.2	83.3	85.5	85.6	86.9	No linear change	No quadratic change	No change
QN73: Percentage of students who ate green salad one or more times during the past seven days														
					69.3	66.9	63.3	67.5	59.1	61.2	58.1	Decreased, 2001-2013	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.



2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island High School Survey  
Trend Analysis Report

Male												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Weight Management and Dietary Behaviors														
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN74: Percentage of students who ate potatoes one or more times during the past seven days														
					78.9	75.7	77.9	75.6	72.3	73.5	72.4	Decreased, 2001-2013	No quadratic change	No change
QN75: Percentage of students who ate carrots one or more times during the past seven days														
					56.9	54.0	53.8	52.8	52.6	51.5	55.4	No linear change	No quadratic change	No change
QN76: Percentage of students who ate other vegetables one or more times during the past seven days														
					81.3	81.5	79.9	80.0	79.2	81.4	80.0	No linear change	No quadratic change	No change
QNFRVG: Percentage of students who ate fruits and vegetables five or more times per day during the past seven days														
					31.9	30.6	27.0	20.1	24.0	23.5	20.5	Decreased, 2001-2013	No quadratic change	No change
QNFRUIT: Percentage of students who ate fruits or drank 100% fruit juices two or more times per day during the past seven days														
					42.2	43.1	40.0	32.0	36.3	35.0	31.4	Decreased, 2001-2013	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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island High School Survey  
Trend Analysis Report

Male												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Weight Management and Dietary Behaviors														
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QNFR0: Percentage of students who ate fruits or drank 100% fruit juices 0 times per day during the past seven days												No linear change	No quadratic change	No change
					6.2	6.7	7.4	6.6	6.7	6.0	6.0			
QNFR1: Percentage of students who ate fruits or drank 100% fruit juices one or more times per day during the past seven days												Decreased, 2001-2013	No quadratic change	No change
					72.1	68.9	67.3	58.9	65.9	64.0	61.3			
QNFR3: Percentage of students who ate fruits or drank 100% fruit juices three or more times per day during the past seven days												Decreased, 2001-2013	No quadratic change	No change
					32.7	31.4	28.4	22.9	24.8	23.7	21.3			
QNVEG: Percentage of students who ate vegetables three or more times per day during the past seven days												Decreased, 2001-2013	No quadratic change	No change
					19.4	21.2	17.1	11.5	13.6	13.7	12.7			
QNVEG0: Percentage of students who ate vegetables 0 times per day during the past seven days												No linear change	No quadratic change	No change
					4.5	7.2	7.4	7.2	7.8	6.8	7.2			

\*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.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Rhode Island High School Survey Trend Analysis Report

<b>Male</b>														
<b>Weight Management and Dietary Behaviors</b>														
<b>Health Risk Behavior and Percentages</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QNVEG1: Percentage of students who ate vegetables one or more times per day during the past seven days														
					70.8	67.0	66.7	63.4	61.2	63.3	62.4	Decreased, 2001-2013	No quadratic change	No change
QNVEG2: Percentage of students who ate vegetables two or more times per day during the past seven days														
					34.8	34.9	32.8	25.8	28.4	28.5	25.5	Decreased, 2001-2013	No quadratic change	No change
QNFRVG2: Percentage of students who ate fruits or drank 100% fruit juices two or more times per day and ate vegetables three or more times per day during the past seven days														
					14.8	17.6	11.5	9.0	10.4	10.3	8.3	Decreased, 2001-2013	No quadratic change	No change
QN77: Percentage of students who drank a can, bottle, or glass of soda or pop one or more times per day during the past seven days														
								30.1	25.1	25.2	20.2	Decreased, 2007-2013	Not available <sup>§</sup>	Decreased
QNSODA0: Percentage of students who drank a can, bottle, or glass of soda or pop 0 times per day during the past seven days														
								17.6	20.0	17.9	21.7	No linear change	Not available	No change

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

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

§Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island High School Survey  
Trend Analysis Report

Male												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Weight Management and Dietary Behaviors														
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QNSODA2: Percentage of students who drank a can, bottle, or glass of soda or pop two or more times per day during the past seven days												Decreased, 2007-2013	Not available <sup>§</sup>	Decreased
						21.2	18.1	17.5	12.3					
QNSODA3: Percentage of students who drank a can, bottle, or glass of soda or pop three or more times per day during the past seven days												Decreased, 2007-2013	Not available	Decreased
						13.4	10.5	9.8	6.5					

\*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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island High School Survey  
Trend Analysis Report

Male Physical Activity												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN80: Percentage of students who were physically active for a total of at least 60 minutes per day on five or more of the past seven days												Increased, 2005-2013	Not available <sup>§</sup>	No change
QNPA0DAY: Percentage of students who were physically active for a total of at least 60 minutes per day on 0 of the past seven days												Decreased, 2005-2013	Not available	No change
QNPA7DAY: Percentage of students who were physically active for a total of at least 60 minutes per day on 7 of the past seven days												Increased, 2005-2013	Not available	No change
QN81: Percentage of students who watched three or more hours per day of TV on an average school day												Decreased, 2001-2013	No quadratic change	No change
QN82: Percentage of students who played video or computer games or used a computer for something that was not school work three or more hours per day on an average school day												Increased, 2007-2013	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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island High School Survey  
Trend Analysis Report

Male Physical Activity												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN83: Percentage of students who attended physical education (PE) classes on one or more days in an average week when they were in school														
			89.6		87.9	89.4	85.7	78.6	82.5	77.1	76.0	Decreased, 1997-2013	No quadratic change	No change
QNDLYPE: Percentage of students who attended physical education (PE) classes daily in an average week when they were in school														
			14.5		16.2	22.1	20.8	24.4	22.6	23.4	25.0	No linear change	No quadratic change	No change
QN84: Percentage of students who played on one or more sports teams during the past 12 months														
										56.8	60.3	No linear change	Not available <sup>§</sup>	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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island High School Survey  
Trend Analysis Report

Male Other	Health Risk Behavior and Percentages											Linear Change*	Quadratic Change*	Change from 2011-2013 †
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011			
	QN86: Percentage of students who had ever been told by a doctor or nurse that they had asthma											No linear change	Not available <sup>§</sup>	Decreased
							21.1	27.2	22.6	27.0	22.2			

\*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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island High School Survey  
Trend Analysis Report

Male Site-Added												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN87: Percentage of students who would describe their grades in school as mostly A's or B's during the past 12 months														
								57.1	56.6	61.2	64.1	Increased, 2007-2013	Not available <sup>§</sup>	No change
QN88: Percentage of students who have physical disabilities or long-term health problems														
								10.4	8.9	12.1	7.5	No linear change	Not available	Decreased
QN89: Percentage of students who have long-term emotional problems or learning disabilities														
								12.2	12.0	14.2	10.0	No linear change	Not available	Decreased
QN90: Percentage of students who were asked by a doctor, dentist, or nurse during the past 12 months whether they smoke cigarettes														
								27.6	28.9	30.9	33.3	Increased, 2007-2013	Not available	No change
QN92: Percentage of students who used chewing tobacco, snuff, or dip on school property on one or more of the past 30 days														
										5.6	7.6	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.



2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island High School Survey  
Trend Analysis Report

Male Site-Added												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN103: Percentage of students who have had sexual contact with males and females during their life												No linear change	Not available <sup>§</sup>	No change
								3.0	2.1	2.5	2.4			
QN104: Percentage of students who describe themselves as gay or lesbian or bisexual												No linear change	Not available	No change
								5.6	4.5	4.7	4.4			
QN108: Percentage of students who had been told by a doctor or nurse that they had asthma and who still have asthma												No linear change	Not available	Decreased
								12.6	10.4	13.6	10.4			
QN109: Percentage of students who last saw a doctor or nurse for a check-up or physical exam during the past 12 months when they were not sick or injured												Increased, 2009-2013	Not available	Increased
								70.8	71.9	78.8				

\*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.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Rhode Island High School Survey Trend Analysis Report

<b>Female Injury and Violence</b>														
<b>Health Risk Behavior and Percentages</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN8: Among students who rode a bicycle during the past 12 months, the percentage who never or rarely wore a bicycle helmet												Decreased, 1997-2013	Decreased, 1997-2003 No change, 2003-2013	No change
90.9			79.5	74.0	78.3	74.4	81.1	72.7	72.0					
QN9: Percentage of students who never or rarely wore a seat belt when riding in a car driven by someone else												Decreased, 1997-2013	Decreased, 1997-2003 Decreased, 2003-2013	Decreased
28.7			12.7	10.3	8.8	10.7	9.9	7.5	3.8					
QN10: Percentage of students who rode one or more times during the past 30 days in a car or other vehicle driven by someone who had been drinking alcohol												Decreased, 1997-2013	No quadratic change	No change
34.0			29.5	30.0	26.2	26.4	24.2	21.5	20.6					
QN15: Percentage of students who carried a weapon such as a gun, knife, or club on school property on one or more of the past 30 days												No linear change	No quadratic change	No change
4.0			1.4	3.0	2.2	2.2	2.3	2.1	2.3					
QN16: Percentage of students who did not go to school on one or more of the past 30 days because they felt they would be unsafe at school or on their way to or from school												No linear change	No quadratic change	No change
5.2			10.4	4.4	4.9	3.9	7.8	5.5	6.8					

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

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

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Rhode Island High School Survey Trend Analysis Report

Female Injury and Violence												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN18: Percentage of students who were in a physical fight one or more times during the past 12 months														
			28.3		21.3	19.9	19.5	18.8	19.2	17.3	13.6	Decreased, 1997-2013	No quadratic change	Decreased
QN20: Percentage of students who were in a physical fight on school property one or more times during the past 12 months														
			8.6		7.4	8.3	7.4	5.7	6.4	5.2	4.4	Decreased, 1997-2013	No quadratic change	No change
QN21: Percentage of students who had ever been physically forced to have sexual intercourse when they did not want to														
					8.2	6.9	6.8	12.2	8.9	8.3	9.7	No linear change	No quadratic change	No change
QN24: Percentage of students who had ever been bullied on school property during the past 12 months														
								17.4	20.5	20.5		No linear change	Not available <sup>§</sup>	No change
QN25: Percentage of students who had ever been electronically bullied during the past 12 months														
									20.4	19.3		No linear change	Not available	No change

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

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

§Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island High School Survey  
Trend Analysis Report

Female Injury and Violence												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN26: Percentage of students who felt so sad or hopeless almost every day for two weeks or more in a row that they stopped doing some usual activities during the past 12 months												No linear change	No quadratic change	No change
			30.9	29.4	34.1	29.4	29.5	31.5	35.0					
QN27: Percentage of students who seriously considered attempting suicide during the past 12 months												Decreased, 1997-2013	Decreased, 1997-2007 No change, 2007-2013	No change
	29.9		19.5	16.5	17.4	14.5	14.6	14.6	18.3					
QN28: Percentage of students who made a plan about how they would attempt suicide during the past 12 months												Decreased, 1997-2013	Decreased, 1997-2003 No change, 2003-2013	No change
	21.2		15.6	13.2	13.3	13.4	12.7	12.7	12.5					
QN29: Percentage of students who actually attempted suicide one or more times during the past 12 months												No linear change	No change, 1997-2009 Increased, 2009-2013	Increased
	12.9		10.3	9.5	10.9	10.2	8.3	8.1	14.2					

\*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.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Rhode Island High School Survey Trend Analysis Report

Female Tobacco Use														
Health Risk Behavior and Percentages												Linear Change*	Quadratic Change*	Change from 2011-2013 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN31: Percentage of students who ever tried cigarette smoking, even one or two puffs														
			68.7		62.2	52.7	46.2	42.9	38.6	33.0	28.6	Decreased, 1997-2013	No quadratic change	No change
QN32: Percentage of students who smoked a whole cigarette for the first time before age 13 years														
			22.1		21.6	15.9	11.9	10.3	8.0	5.1	4.3	Decreased, 1997-2013	Decreased, 1997-2003 Decreased, 2003-2013	No change
QN33: Percentage of students who smoked cigarettes on one or more of the past 30 days														
			35.4		25.6	21.8	17.2	13.8	13.2	9.6	7.9	Decreased, 1997-2013	No quadratic change	No change
QN34: Percentage of students who smoked cigarettes on 20 or more of the past 30 days														
			18.7		13.1	9.8	9.2	4.6	5.2	3.2	2.4	Decreased, 1997-2013	No quadratic change	No change
QN36: Percentage of students who smoked cigarettes on school property on one or more of the past 30 days														
			21.1		14.2	9.7	7.8	6.0	5.1	3.3	1.7	Decreased, 1997-2013	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,  $p < 0.05$ .

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Rhode Island High School Survey Trend Analysis Report

Female Tobacco Use												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN37: Percentage of students who ever smoked cigarettes daily, that is, at least one cigarette every day for 30 days												Decreased, 2001-2013	No quadratic change	No change
					19.0	15.1	14.7	11.0	9.7	6.9	4.8			
QN39: Percentage of students who used chewing tobacco, snuff, or dip on one or more of the past 30 days												Increased, 1997-2013	No quadratic change	Increased
			1.6		1.5	2.0	1.5	2.4	2.5	1.5	3.5			
QN40: Percentage of students who smoked cigars, cigarillos, or little cigars on one or more of the past 30 days												No linear change	No quadratic change	No change
					6.3	6.4	5.8	6.1	4.4	7.2	5.8			
QNANYTOB: Percentage of students who smoked cigarettes or cigars or used chewing tobacco, snuff, or dip on one or more of the past 30 days												Decreased, 2001-2013	No quadratic change	No change
					26.9	23.4	18.3	16.7	15.1	12.8	11.8			

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

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

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Rhode Island High School Survey Trend Analysis Report

<b>Female</b>														
<b>Alcohol and Other Drug Use</b>														
<b>Health Risk Behavior and Percentages</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN42: Percentage of students who had their first drink of alcohol other than a few sips before age 13 years														
			30.8		24.7	20.2	18.9	16.4	14.8	14.3	10.7	Decreased, 1997-2013	No quadratic change	No change
QN43: Percentage of students who had at least one drink of alcohol on one or more of the past 30 days														
			50.9		47.3	46.6	42.9	43.1	35.6	35.2	32.1	Decreased, 1997-2013	No quadratic change	No change
QN44: Percentage of students who had five or more drinks of alcohol in a row, that is, within a couple of hours, on one or more of the past 30 days														
			28.2		26.4	25.2	21.9	21.2	18.4	17.2	15.0	Decreased, 1997-2013	No quadratic change	No change
QN47: Percentage of students who used marijuana one or more times during their life														
			43.1		42.7	43.8	41.6	37.0	36.6	36.2	38.0	Decreased, 1997-2013	No quadratic change	No change
QN48: Percentage of students who tried marijuana for the first time before age 13 years														
			7.8		8.2	8.0	6.9	5.4	6.5	4.7	4.2	Decreased, 1997-2013	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,  $p < 0.05$ .

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island High School Survey  
Trend Analysis Report

Female												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Alcohol and Other Drug Use														
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN49: Percentage of students who used marijuana one or more times during the past 30 days														
			26.0		29.4	26.4	23.4	19.7	22.7	22.7	22.3	Decreased, 1997-2013	No quadratic change	No change
QN50: Percentage of students who used any form of cocaine, including powder, crack, or freebase one or more times during their life														
			4.3		7.8	5.0	5.8	4.1	4.0	3.9	3.2	Decreased, 1997-2013	No change, 1997-2005 Decreased, 2005-2013	No change
QN56: Percentage of students who have taken a prescription drug (such as OxyContin, Percocet, Vicodin, codeine, Adderall, Ritalin, or Xanax) without a doctor's prescription one or more times during their life														
										11.6	12.4	No linear change	Not available <sup>§</sup>	No change
QN58: Percentage of students who were offered, sold, or given an illegal drug by someone on school property during the past 12 months														
			24.7		25.4	23.6	21.5	21.7	21.4	18.0	18.2	Decreased, 1997-2013	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.



## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Rhode Island High School Survey Trend Analysis Report

<b>Female Sexual Behaviors</b>														
<b>Health Risk Behavior and Percentages</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN59: Percentage of students who ever had sexual intercourse														
			42.2		42.5	42.0	44.9	41.4	42.8	38.2	37.1	Decreased, 1997-2013	No quadratic change	No change
QN60: Percentage of students who had sexual intercourse for the first time before age 13 years														
			3.8		3.3	2.4	2.3	2.0	2.4	1.7	2.2	Decreased, 1997-2013	No quadratic change	No change
QN61: Percentage of students who had sexual intercourse with four or more people during their life														
			9.8		9.3	6.5	9.3	7.4	8.6	7.2	5.7	Decreased, 1997-2013	No quadratic change	No change
QN62: Percentage of students who had sexual intercourse with one or more people during the past three months														
			33.8		34.5	31.3	36.4	31.6	32.6	28.4	29.1	Decreased, 1997-2013	No quadratic change	No change
QN64: Among students who had sexual intercourse during the past three months, the percentage who used a condom during last sexual intercourse														
			49.8		50.8	56.5	59.0	61.0	54.5	54.5	64.8	Increased, 1997-2013	No quadratic change	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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island High School Survey  
Trend Analysis Report

Female  
Sexual Behaviors

Health Risk Behavior and Percentages											Linear Change*	Quadratic Change*	Change from 2011-2013 †	
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN85: Percentage of students who had ever been taught in school about AIDS or HIV infection														
			96.3		91.2	92.8	90.6	90.8	88.0	83.3	83.9	Decreased, 1997-2013	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.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Rhode Island High School Survey Trend Analysis Report

<b>Female</b>														
<b>Weight Management and Dietary Behaviors</b>														
<b>Health Risk Behavior and Percentages</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QNOWT: Percentage of students who were overweight (i.e., at or above the 85th percentile but below the 95th percentile for body mass index, by age and sex) <sup>§</sup>														
					12.9	14.9	13.7	16.0	16.5	14.9	17.0	No linear change	No quadratic change	No change
QNOBESE: Percentage of students who were obese (i.e., at or above the 95th percentile for body mass index, by age and sex) <sup>§</sup>														
					3.5	5.4	8.5	7.3	8.0	8.4	7.8	Increased, 2001-2013	Increased, 2001-2005 No change, 2005-2013	No change
QN66: Percentage of students who described themselves as slightly or very overweight														
			36.4		36.5	34.6	37.4	34.5	34.1	33.7	36.3	No linear change	No quadratic change	No change
QN67: Percentage of students who were trying to lose weight														
			61.5		58.5	60.7	59.4	63.3	61.0	59.3	60.2	No linear change	No quadratic change	No change
QN68: Percentage of students who went without eating for 24 hours or more to lose weight or to keep from gaining weight during the past 30 days														
					16.3	14.5	16.3	13.8	14.0	16.6	18.2	No linear change	No change, 2001-2009 Increased, 2009-2013	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,  $p < 0.05$ .

§Overweight and obese prevalence estimates for 1999 differ slightly from previously published results because different BMI cut points were used in 1999 than in subsequent years. To make these prevalence estimates comparable, the 1999 prevalence estimates were recalculated using the updated BMI cut points.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island High School Survey  
Trend Analysis Report

Female												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Weight Management and Dietary Behaviors														
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN69: Percentage of students who took any diet pills, powders, or liquids without a doctor's advice to lose weight or to keep from gaining weight during the past 30 days														
										5.5	6.4	No linear change	Not available <sup>§</sup>	No change
QN70: Percentage of students who vomited or took laxatives to lose weight or to keep from gaining weight during the past 30 days														
			8.8		6.5	5.0	5.6	5.8	6.0	6.3	9.3	No linear change	Decreased, 1997-2007 Increased, 2007-2013	Increased
QN71: Percentage of students who drank 100% fruit juices one or more times during the past seven days														
					87.4	86.6	84.1	85.3	83.3	82.2	77.8	Decreased, 2001-2013	No quadratic change	No change
QN72: Percentage of students who ate fruit one or more times during the past seven days														
					87.5	87.8	87.1	88.2	88.9	89.5	88.7	No linear change	No quadratic change	No change
QN73: Percentage of students who ate green salad one or more times during the past seven days														
					73.4	77.6	73.9	75.1	69.2	71.0	72.4	Decreased, 2001-2013	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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island High School Survey  
Trend Analysis Report

Female												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Weight Management and Dietary Behaviors														
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN74: Percentage of students who ate potatoes one or more times during the past seven days												No linear change	No quadratic change	No change
					74.0	74.2	70.9	72.6	70.9	70.3	70.8			
QN75: Percentage of students who ate carrots one or more times during the past seven days												No linear change	No quadratic change	No change
					55.1	54.1	50.5	53.7	52.7	51.6	51.7			
QN76: Percentage of students who ate other vegetables one or more times during the past seven days												No linear change	Decreased, 2001-2005 No change, 2005-2013	No change
					89.2	87.0	84.3	85.8	83.4	85.6	85.2			
QNFRVG: Percentage of students who ate fruits and vegetables five or more times per day during the past seven days												No linear change	No quadratic change	No change
					22.9	26.1	23.5	18.1	21.3	21.7	20.9			
QNFRUIT: Percentage of students who ate fruits or drank 100% fruit juices two or more times per day during the past seven days												No linear change	No quadratic change	No change
					37.5	36.0	34.9	29.9	33.5	33.1	33.7			

\*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.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Rhode Island High School Survey Trend Analysis Report

<b>Female</b>														
<b>Weight Management and Dietary Behaviors</b>														
<b>Health Risk Behavior and Percentages</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QNFR0: Percentage of students who ate fruits or drank 100% fruit juices 0 times per day during the past seven days												No linear change	No quadratic change	No change
					4.4	4.3	4.9	3.9	4.2	4.0	4.0			
QNFR1: Percentage of students who ate fruits or drank 100% fruit juices one or more times per day during the past seven days												No linear change	No quadratic change	No change
					67.5	66.2	64.9	60.9	63.8	62.9	62.4			
QNFR3: Percentage of students who ate fruits or drank 100% fruit juices three or more times per day during the past seven days												Decreased, 2001-2013	No quadratic change	No change
					23.2	25.6	24.3	19.1	21.5	19.9	21.0			
QNVEG: Percentage of students who ate vegetables three or more times per day during the past seven days												No linear change	No quadratic change	No change
					14.4	17.5	16.4	11.9	12.1	14.5	14.7			
QNVEG0: Percentage of students who ate vegetables 0 times per day during the past seven days												No linear change	No quadratic change	No change
					3.9	3.3	5.1	3.5	4.4	3.7	5.3			

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

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

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Rhode Island High School Survey Trend Analysis Report

<b>Female</b>														
<b>Weight Management and Dietary Behaviors</b>														
<b>Health Risk Behavior and Percentages</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QNVEG1: Percentage of students who ate vegetables one or more times per day during the past seven days												No linear change	No quadratic change	No change
					70.9	68.8	65.7	66.4	65.1	66.1	65.2			
QNVEG2: Percentage of students who ate vegetables two or more times per day during the past seven days												No linear change	No quadratic change	No change
					30.9	35.4	28.8	27.8	27.4	30.6	31.2			
QNFRVG2: Percentage of students who ate fruits or drank 100% fruit juices two or more times per day and ate vegetables three or more times per day during the past seven days												No linear change	No quadratic change	No change
					10.4	12.7	11.7	8.2	9.0	10.3	11.1			
QN77: Percentage of students who drank a can, bottle, or glass of soda or pop one or more times per day during the past seven days												Decreased, 2007-2013	Not available <sup>§</sup>	No change
								20.4	16.9	15.3	14.4			
QNSODA0: Percentage of students who drank a can, bottle, or glass of soda or pop 0 times per day during the past seven days												Increased, 2007-2013	Not available	Increased
								27.0	28.4	28.8	37.3			

\*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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island High School Survey  
Trend Analysis Report

Female												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Weight Management and Dietary Behaviors														
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QNSODA2: Percentage of students who drank a can, bottle, or glass of soda or pop two or more times per day during the past seven days														
								14.1	11.3	10.2	9.2	Decreased, 2007-2013	Not available <sup>§</sup>	No change
QNSODA3: Percentage of students who drank a can, bottle, or glass of soda or pop three or more times per day during the past seven days														
								8.4	6.7	6.3	5.1	Decreased, 2007-2013	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.



## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Rhode Island High School Survey Trend Analysis Report

Female Physical Activity												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN80: Percentage of students who were physically active for a total of at least 60 minutes per day on five or more of the past seven days												Increased, 2005-2013	Not available <sup>§</sup>	No change
QNPA0DAY: Percentage of students who were physically active for a total of at least 60 minutes per day on 0 of the past seven days												Decreased, 2005-2013	Not available	No change
QNPA7DAY: Percentage of students who were physically active for a total of at least 60 minutes per day on 7 of the past seven days												Increased, 2005-2013	Not available	No change
QN81: Percentage of students who watched three or more hours per day of TV on an average school day												Decreased, 2001-2013	No quadratic change	No change
QN82: Percentage of students who played video or computer games or used a computer for something that was not school work three or more hours per day on an average school day												Increased, 2007-2013	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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island High School Survey  
Trend Analysis Report

Female Physical Activity												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN83: Percentage of students who attended physical education (PE) classes on one or more days in an average week when they were in school														
			92.0		88.3	89.8	87.7	78.6	82.2	79.5	77.7	Decreased, 1997-2013	No quadratic change	No change
QNDLYPE: Percentage of students who attended physical education (PE) classes daily in an average week when they were in school														
			12.5		14.7	20.2	18.7	21.9	22.0	23.1	26.7	Increased, 1997-2013	No quadratic change	No change
QN84: Percentage of students who played on one or more sports teams during the past 12 months														
										53.4	49.2	No linear change	Not available <sup>§</sup>	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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island High School Survey  
Trend Analysis Report

Female Other	Health Risk Behavior and Percentages											Linear Change*	Quadratic Change*	Change from 2011-2013 †
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011			
QN86: Percentage of students who had ever been told by a doctor or nurse that they had asthma														
							18.9	24.4	22.6	23.5	23.8	No linear change	Not available <sup>§</sup>	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.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Rhode Island High School Survey Trend Analysis Report

Female Site-Added												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN87: Percentage of students who would describe their grades in school as mostly A's or B's during the past 12 months														
								71.2	69.5	73.8	77.1	Increased, 2007-2013	Not available <sup>§</sup>	No change
QN88: Percentage of students who have physical disabilities or long-term health problems														
								12.0	10.9	12.3	9.6	No linear change	Not available	No change
QN89: Percentage of students who have long-term emotional problems or learning disabilities														
								13.6	12.0	15.6	14.7	No linear change	Not available	No change
QN90: Percentage of students who were asked by a doctor, dentist, or nurse during the past 12 months whether they smoke cigarettes														
								28.9	31.7	32.7	36.4	Increased, 2007-2013	Not available	No change
QN92: Percentage of students who used chewing tobacco, snuff, or dip on school property on one or more of the past 30 days														
										0.6	2.4	Increased, 2011-2013	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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island High School Survey  
Trend Analysis Report

Female Site-Added												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN103: Percentage of students who have had sexual contact with males and females during their life												No linear change	Not available <sup>§</sup>	No change
								7.6	6.9	7.7	6.8			
QN104: Percentage of students who describe themselves as gay or lesbian or bisexual												No linear change	Not available	No change
								8.8	8.2	10.4	10.7			
QN108: Percentage of students who had been told by a doctor or nurse that they had asthma and who still have asthma												No linear change	Not available	No change
								14.5	13.1	14.2	13.5			
QN109: Percentage of students who last saw a doctor or nurse for a check-up or physical exam during the past 12 months when they were not sick or injured												Increased, 2009-2013	Not available	No change
									73.1	75.4	79.5			

\*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.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Rhode Island High School Survey Trend Analysis Report

<b>White*</b>														
<b>Injury and Violence</b>														
<b>Health Risk Behavior and Percentages</b>												<b>Linear Change<sup>†</sup></b>	<b>Quadratic Change<sup>‡</sup></b>	<b>Change from 2011-2013<sup>§</sup></b>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN8: Among students who rode a bicycle during the past 12 months, the percentage who never or rarely wore a bicycle helmet														
			89.6		82.4	74.9	80.5	76.6	78.4	72.5	71.9	Decreased, 1997-2013	No quadratic change	No change
QN9: Percentage of students who never or rarely wore a seat belt when riding in a car driven by someone else														
			29.6		16.6	13.4	11.5	10.8	10.2	7.0	2.9	Decreased, 1997-2013	No quadratic change	Decreased
QN10: Percentage of students who rode one or more times during the past 30 days in a car or other vehicle driven by someone who had been drinking alcohol														
			36.9		32.8	27.6	27.5	27.1	21.4	18.6	17.5	Decreased, 1997-2013	No quadratic change	No change
QN15: Percentage of students who carried a weapon such as a gun, knife, or club on school property on one or more of the past 30 days														
			6.6		3.4	5.4	4.4	3.5	2.7	2.7	3.0	Decreased, 1997-2013	No quadratic change	No change
QN16: Percentage of students who did not go to school on one or more of the past 30 days because they felt they would be unsafe at school or on their way to or from school														
			4.3		9.4	3.8	4.0	2.9	5.3	4.0	5.0	No linear change	No quadratic change	No change

\*Non-Hispanic.

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

<sup>§</sup>Based on t-test analysis, p < 0.05.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Rhode Island High School Survey Trend Analysis Report

<b>White*</b>														
<b>Injury and Violence</b>														
<b>Health Risk Behavior and Percentages</b>												<b>Linear Change<sup>†</sup></b>	<b>Quadratic Change<sup>‡</sup></b>	<b>Change from 2011-2013<sup>§</sup></b>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN18: Percentage of students who were in a physical fight one or more times during the past 12 months														
			34.7		28.8	25.8	26.3	23.6	22.7	21.1	14.5	Decreased, 1997-2013	No quadratic change	Decreased
QN20: Percentage of students who were in a physical fight on school property one or more times during the past 12 months														
			12.9		10.8	10.0	9.5	8.1	7.9	6.5	4.7	Decreased, 1997-2013	No quadratic change	Decreased
QN21: Percentage of students who had ever been physically forced to have sexual intercourse when they did not want to														
					6.8	5.7	5.9	9.3	6.7	5.8	7.1	No linear change	No quadratic change	No change
QN24: Percentage of students who had ever been bullied on school property during the past 12 months														
								18.0	21.4	19.2		No linear change	Not available <sup>¶</sup>	No change
QN25: Percentage of students who had ever been electronically bullied during the past 12 months														
									16.3	15.3		No linear change	Not available	No change

\*Non-Hispanic.

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

<sup>‡</sup>Based on t-test analysis,  $p < 0.05$ .

<sup>¶</sup>Not enough years of data to calculate.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Rhode Island High School Survey Trend Analysis Report

<b>White*</b>												<b>Linear Change<sup>†</sup></b>	<b>Quadratic Change<sup>‡</sup></b>	<b>Change from 2011-2013<sup>§</sup></b>
<b>Injury and Violence</b>														
<b>Health Risk Behavior and Percentages</b>														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN26: Percentage of students who felt so sad or hopeless almost every day for two weeks or more in a row that they stopped doing some usual activities during the past 12 months														
			24.7	22.8	25.5	22.1	23.2	22.6	24.6			No linear change	No quadratic change	No change
QN27: Percentage of students who seriously considered attempting suicide during the past 12 months														
	22.4		17.3	14.9	15.1	11.6	11.0	11.7	12.4			Decreased, 1997-2013	Decreased, 1997-2009 No change, 2009-2013	No change
QN28: Percentage of students who made a plan about how they would attempt suicide during the past 12 months														
		16.7		12.0	12.0	11.7	10.1	10.4	9.2	9.2		Decreased, 1997-2013	No quadratic change	No change
QN29: Percentage of students who actually attempted suicide one or more times during the past 12 months														
		8.3		7.4	8.0	7.8	7.2	5.7	6.1	12.0		No linear change	No change, 1997-2009 Increased, 2009-2013	Increased

\*Non-Hispanic.

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

<sup>§</sup>Based on t-test analysis, p < 0.05.



## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Rhode Island High School Survey Trend Analysis Report

<b>White*</b>														
<b>Tobacco Use</b>														
<b>Health Risk Behavior and Percentages</b>												<b>Linear Change<sup>†</sup></b>	<b>Quadratic Change<sup>‡</sup></b>	<b>Change from 2011-2013<sup>§</sup></b>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN31: Percentage of students who ever tried cigarette smoking, even one or two puffs														
			70.8		61.3	50.3	46.4	44.1	41.1	36.2	29.4	Decreased, 1997-2013	No quadratic change	No change
QN32: Percentage of students who smoked a whole cigarette for the first time before age 13 years														
			26.0		23.4	17.3	12.8	10.7	7.7	6.0	3.9	Decreased, 1997-2013	Decreased, 1997-2003 Decreased, 2003-2013	No change
QN33: Percentage of students who smoked cigarettes on one or more of the past 30 days														
			40.1		27.4	21.5	18.8	17.4	15.8	13.0	9.4	Decreased, 1997-2013	No quadratic change	No change
QN34: Percentage of students who smoked cigarettes on 20 or more of the past 30 days														
			21.8		15.4	10.4	10.1	6.9	6.4	5.1	3.8	Decreased, 1997-2013	No quadratic change	No change
QN34: Among students who reported current cigarette use, the percentage who smoked more than 10 cigarettes per day on the days they smoked during the past 30 days														
			19.7		16.9	15.9	14.2	10.2	6.5	8.7	9.4	Decreased, 1997-2013	No quadratic change	No change

\*Non-Hispanic.

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

<sup>§</sup>Based on t-test analysis, p < 0.05.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island High School Survey  
Trend Analysis Report

White* Tobacco Use												Linear Change <sup>†</sup>	Quadratic Change <sup>‡</sup>	Change from 2011-2013 <sup>§</sup>
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN36: Percentage of students who smoked cigarettes on school property on one or more of the past 30 days														
			22.6		15.0	9.6	8.5	8.2	6.1	5.1	2.9	Decreased, 1997-2013	No quadratic change	Decreased
QN37: Percentage of students who ever smoked cigarettes daily, that is, at least one cigarette every day for 30 days														
					19.7	16.4	14.7	12.6	10.5	9.3	7.1	Decreased, 2001-2013	No quadratic change	No change
QN39: Percentage of students who used chewing tobacco, snuff, or dip on one or more of the past 30 days														
			6.5		2.8	4.6	4.4	6.6	6.1	5.7	6.2	No linear change	No quadratic change	No change
QN40: Percentage of students who smoked cigars, cigarillos, or little cigars on one or more of the past 30 days														
					14.4	10.5	13.7	13.1	11.5	14.4	9.4	No linear change	No quadratic change	Decreased
QNANYTOB: Percentage of students who smoked cigarettes or cigars or used chewing tobacco, snuff, or dip on one or more of the past 30 days														
					32.2	25.6	24.0	24.5	22.6	20.8	16.7	Decreased, 2001-2013	No quadratic change	No change

\*Non-Hispanic.

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

<sup>§</sup>Based on t-test analysis, p < 0.05.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Rhode Island High School Survey Trend Analysis Report

<b>White*</b>														
<b>Alcohol and Other Drug Use</b>														
<b>Health Risk Behavior and Percentages</b>												<b>Linear Change<sup>†</sup></b>	<b>Quadratic Change<sup>‡</sup></b>	<b>Change from 2011-2013<sup>§</sup></b>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN42: Percentage of students who had their first drink of alcohol other than a few sips before age 13 years														
			31.3		28.3	22.9	20.4	18.8	12.0	12.2	9.9	Decreased, 1997-2013	No quadratic change	No change
QN43: Percentage of students who had at least one drink of alcohol on one or more of the past 30 days														
			54.6		53.0	46.4	45.4	45.7	35.6	33.7	31.4	Decreased, 1997-2013	Decreased, 1997-2007 Decreased, 2007-2013	No change
QN44: Percentage of students who had five or more drinks of alcohol in a row, that is, within a couple of hours, on one or more of the past 30 days														
			34.1		32.8	28.7	26.8	26.4	20.3	18.5	16.3	Decreased, 1997-2013	No quadratic change	No change
QN47: Percentage of students who used marijuana one or more times during their life														
			50.7		49.5	44.9	45.2	42.0	42.1	41.1	39.0	Decreased, 1997-2013	No quadratic change	No change
QN48: Percentage of students who tried marijuana for the first time before age 13 years														
			11.2		12.4	10.0	9.7	8.4	7.0	5.8	4.7	Decreased, 1997-2013	No change, 1997-2005 Decreased, 2005-2013	No change

\*Non-Hispanic.

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

<sup>§</sup>Based on t-test analysis, p < 0.05.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Rhode Island High School Survey Trend Analysis Report

<b>White*</b>														
<b>Alcohol and Other Drug Use</b>														
<b>Health Risk Behavior and Percentages</b>												<b>Linear Change<sup>†</sup></b>	<b>Quadratic Change<sup>‡</sup></b>	<b>Change from 2011-2013<sup>§</sup></b>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN49: Percentage of students who used marijuana one or more times during the past 30 days														
		31.7		35.2	28.8	27.1	25.0	28.5	27.3	23.6		Decreased, 1997-2013	No quadratic change	No change
QN50: Percentage of students who used any form of cocaine, including powder, crack, or freebase one or more times during their life														
		7.8		10.4	6.8	8.0	5.3	5.7	5.2	3.4		Decreased, 1997-2013	No change, 1997-2005 Decreased, 2005-2013	No change
QN56: Percentage of students who have taken a prescription drug (such as OxyContin, Percocet, Vicodin, codeine, Adderall, Ritalin, or Xanax) without a doctor's prescription one or more times during their life														
										15.1	14.2	No linear change	Not available <sup>¶</sup>	No change
QN58: Percentage of students who were offered, sold, or given an illegal drug by someone on school property during the past 12 months														
		30.7		31.7	26.5	25.2	25.4	25.9	22.9	22.6		Decreased, 1997-2013	No quadratic change	No change

\*Non-Hispanic.

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

<sup>‡</sup>Based on t-test analysis,  $p < 0.05$ .

<sup>¶</sup>Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island High School Survey  
Trend Analysis Report

White*														
Sexual Behaviors														
Health Risk Behavior and Percentages											Linear Change <sup>†</sup>	Quadratic Change <sup>‡</sup>	Change from 2011-2013 <sup>§</sup>	
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN59: Percentage of students who ever had sexual intercourse														
			40.9		42.5	39.9	44.1	43.4	41.2	38.2	35.7	Decreased, 1997-2013	No change, 1997-2007 Decreased, 2007-2013	No change
QN60: Percentage of students who had sexual intercourse for the first time before age 13 years														
			4.2		4.2	3.9	3.8	4.3	2.4	2.1	2.0	Decreased, 1997-2013	No quadratic change	No change
QN61: Percentage of students who had sexual intercourse with four or more people during their life														
			10.7		11.5	9.0	10.8	8.7	8.1	7.7	6.5	Decreased, 1997-2013	No quadratic change	No change
QN62: Percentage of students who had sexual intercourse with one or more people during the past three months														
			30.0		33.9	28.7	34.3	32.7	30.2	28.0	26.8	Decreased, 1997-2013	No change, 1997-2005 Decreased, 2005-2013	No change
QN64: Among students who had sexual intercourse during the past three months, the percentage who used a condom during last sexual intercourse														
			49.1		54.7	64.1	63.4	67.8	61.8	61.8	68.0	Increased, 1997-2013	No quadratic change	No change

\*Non-Hispanic.

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

<sup>§</sup>Based on t-test analysis, p < 0.05.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island High School Survey  
Trend Analysis Report

White*														
Sexual Behaviors														
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	Linear Change <sup>†</sup>	Quadratic Change <sup>‡</sup>	Change from 2011-2013 <sup>§</sup>
QN85: Percentage of students who had ever been taught in school about AIDS or HIV infection														
			96.7		92.3	93.4	89.5	91.3	89.8	86.7	88.4	Decreased, 1997-2013	Decreased, 1997-2005 No change, 2005-2013	No change

\*Non-Hispanic.

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

<sup>§</sup>Based on t-test analysis, p < 0.05.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Rhode Island High School Survey Trend Analysis Report

White*														
Weight Management and Dietary Behaviors														
Health Risk Behavior and Percentages											Linear Change <sup>†</sup>	Quadratic Change <sup>‡</sup>	Change from 2011-2013 <sup>§</sup>	
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QNOWT: Percentage of students who were overweight (i.e., at or above the 85th percentile but below the 95th percentile for body mass index, by age and sex) <sup>¶</sup>														
				13.6	13.8	14.0	15.8	14.6	13.8	14.9		No linear change	No quadratic change	No change
QNOBESE: Percentage of students who were obese (i.e., at or above the 95th percentile for body mass index, by age and sex) <sup>¶</sup>														
				8.5	8.6	11.6	9.6	8.4	9.5	8.4		No linear change	No quadratic change	No change
QN66: Percentage of students who described themselves as slightly or very overweight														
		30.2		30.6	29.9	33.0	29.1	27.2	28.6	29.7		No linear change	No quadratic change	No change
QN67: Percentage of students who were trying to lose weight														
		45.7		43.0	45.4	45.9	48.7	45.3	45.8	44.9		No linear change	No quadratic change	No change
QN68: Percentage of students who went without eating for 24 hours or more to lose weight or to keep from gaining weight during the past 30 days														
				11.1	10.2	11.9	11.0	10.2	11.1	11.3		No linear change	No quadratic change	No change

\*Non-Hispanic.

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

<sup>‡</sup>Based on t-test analysis,  $p < 0.05$ .

<sup>¶</sup>Overweight and obese prevalence estimates for 1999 differ slightly from previously published results because different BMI cut points were used in 1999 than in subsequent years. To make these prevalence estimates comparable, the 1999 prevalence estimates were recalculated using the updated BMI cut points.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island High School Survey  
Trend Analysis Report

White*																						
Weight Management and Dietary Behaviors																						
Health Risk Behavior and Percentages																						
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	Linear Change <sup>†</sup>	Quadratic Change <sup>‡</sup>	Change from 2011-2013 <sup>§</sup>								
QN69: Percentage of students who took any diet pills, powders, or liquids without a doctor's advice to lose weight or to keep from gaining weight during the past 30 days												4.6	3.9	No linear change	Not available <sup>¶</sup>	No change						
QN70: Percentage of students who vomited or took laxatives to lose weight or to keep from gaining weight during the past 30 days												6.5	4.4	3.6	5.0	4.3	5.2	4.5	6.0	No linear change	Decreased, 1997-2003 Increased, 2003-2013	Increased
QN71: Percentage of students who drank 100% fruit juices one or more times during the past seven days												88.7	87.4	84.4	84.9	83.5	83.1	78.0	Decreased, 2001-2013	No quadratic change	Decreased	
QN72: Percentage of students who ate fruit one or more times during the past seven days												87.2	87.3	87.3	86.6	88.9	89.1	89.7	No linear change	No quadratic change	No change	
QN73: Percentage of students who ate green salad one or more times during the past seven days												72.9	75.2	70.6	73.3	67.2	68.4	69.8	Decreased, 2001-2013	No quadratic change	No change	

\*Non-Hispanic.

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

<sup>‡</sup>Based on t-test analysis, p < 0.05.

<sup>¶</sup>Not enough years of data to calculate.



2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island High School Survey  
Trend Analysis Report

White*											Linear Change <sup>†</sup>	Quadratic Change <sup>‡</sup>	Change from 2011-2013 <sup>§</sup>	
Weight Management and Dietary Behaviors														
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN74: Percentage of students who ate potatoes one or more times during the past seven days														
					79.8	79.2	77.8	76.7	76.1	74.9	75.6	Decreased, 2001-2013	No quadratic change	No change
QN75: Percentage of students who ate carrots one or more times during the past seven days														
					59.4	58.7	55.9	57.8	57.6	56.4	58.1	No linear change	No quadratic change	No change
QN76: Percentage of students who ate other vegetables one or more times during the past seven days														
					87.4	87.2	85.9	86.3	86.0	87.4	87.5	No linear change	No quadratic change	No change
QNFRVG: Percentage of students who ate fruits and vegetables five or more times per day during the past seven days														
					26.6	28.2	24.2	18.8	22.2	22.7	20.0	Decreased, 2001-2013	No quadratic change	No change
QNFRUIT: Percentage of students who ate fruits or drank 100% fruit juices two or more times per day during the past seven days														
					38.2	39.5	35.7	30.0	35.7	34.0	32.4	Decreased, 2001-2013	No quadratic change	No change

\*Non-Hispanic.

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

<sup>§</sup>Based on t-test analysis, p < 0.05.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island High School Survey  
Trend Analysis Report

White*														
Weight Management and Dietary Behaviors														
Health Risk Behavior and Percentages														
												Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2011-2013 <sup>§</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QNFR0: Percentage of students who ate fruits or drank 100% fruit juices 0 times per day during the past seven days												No linear change	No quadratic change	No change
					4.9	5.1	5.6	4.7	4.6	4.7	4.6			
QNFR1: Percentage of students who ate fruits or drank 100% fruit juices one or more times per day during the past seven days												No linear change	No quadratic change	No change
					69.2	68.7	65.7	61.0	67.3	64.7	62.6			
QNFR3: Percentage of students who ate fruits or drank 100% fruit juices three or more times per day during the past seven days												Decreased, 2001-2013	No quadratic change	No change
					26.3	28.1	24.3	18.7	21.9	20.9	19.5			
QNVEG: Percentage of students who ate vegetables three or more times per day during the past seven days												Decreased, 2001-2013	No quadratic change	No change
					17.1	18.9	16.6	11.4	12.5	14.5	12.6			
QNVEG0: Percentage of students who ate vegetables 0 times per day during the past seven days												No linear change	No quadratic change	No change
					2.6	3.7	4.3	4.0	4.3	3.5	4.2			

\*Non-Hispanic.

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

<sup>§</sup>Based on t-test analysis, p < 0.05.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Rhode Island High School Survey Trend Analysis Report

White*												Linear Change <sup>†</sup>	Quadratic Change <sup>‡</sup>	Change from 2011-2013 <sup>§</sup>
Weight Management and Dietary Behaviors														
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QNVEG1: Percentage of students who ate vegetables one or more times per day during the past seven days												No linear change	No quadratic change	No change
					73.2	72.1	69.2	68.7	68.1	68.9	68.5			
QNVEG2: Percentage of students who ate vegetables two or more times per day during the past seven days												No linear change	No quadratic change	No change
					32.9	37.3	31.5	28.0	29.5	32.1	29.3			
QNFRVG2: Percentage of students who ate fruits or drank 100% fruit juices two or more times per day and ate vegetables three or more times per day during the past seven days												Decreased, 2001-2013	No quadratic change	No change
					12.3	15.0	11.2	8.2	9.6	10.5	9.3			
QN77: Percentage of students who drank a can, bottle, or glass of soda or pop one or more times per day during the past seven days												Decreased, 2007-2013	Not available <sup>¶</sup>	No change
								23.4	19.2	19.6	15.7			
QNSODA0: Percentage of students who drank a can, bottle, or glass of soda or pop 0 times per day during the past seven days												Increased, 2007-2013	Not available	Increased
								24.6	26.4	25.5	32.8			

\*Non-Hispanic.

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

<sup>‡</sup>Based on t-test analysis,  $p < 0.05$ .

<sup>¶</sup>Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island High School Survey  
Trend Analysis Report

White*														
Weight Management and Dietary Behaviors														
Health Risk Behavior and Percentages														
												Linear Change <sup>†</sup>	Quadratic Change <sup>‡</sup>	Change from 2011-2013 <sup>§</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QNSODA2: Percentage of students who drank a can, bottle, or glass of soda or pop two or more times per day during the past seven days												Decreased, 2007-2013	Not available <sup>¶</sup>	No change
								16.2	13.4	12.4	9.0			
QNSODA3: Percentage of students who drank a can, bottle, or glass of soda or pop three or more times per day during the past seven days												Decreased, 2007-2013	Not available	Decreased
								9.2	7.2	6.9	4.1			

\*Non-Hispanic.

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

<sup>‡</sup>Based on t-test analysis, p < 0.05.

<sup>¶</sup>Not enough years of data to calculate.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Rhode Island High School Survey Trend Analysis Report

White*														
Physical Activity														
Health Risk Behavior and Percentages											Linear Change <sup>†</sup>	Quadratic Change <sup>‡</sup>	Change from 2011-2013 <sup>§</sup>	
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN80: Percentage of students who were physically active for a total of at least 60 minutes per day on five or more of the past seven days												Increased, 2005-2013	Not available <sup>¶</sup>	No change
						34.9	44.9	48.1	51.5	49.7				
QNPA0DAY: Percentage of students who were physically active for a total of at least 60 minutes per day on 0 of the past seven days												Decreased, 2005-2013	Not available	No change
						23.7	11.1	11.5	9.0	9.1				
QNPA7DAY: Percentage of students who were physically active for a total of at least 60 minutes per day on 7 of the past seven days												Increased, 2005-2013	Not available	No change
						19.8	25.6	25.1	29.7	25.5				
QN81: Percentage of students who watched three or more hours per day of TV on an average school day												Decreased, 2001-2013	No quadratic change	No change
					28.2	27.6	31.5	22.5	21.9	23.4	22.8			
QN82: Percentage of students who played video or computer games or used a computer for something that was not school work three or more hours per day on an average school day												Increased, 2007-2013	Not available	Increased
						25.7	24.7	25.9	36.2					

\*Non-Hispanic.

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

<sup>‡</sup>Based on t-test analysis,  $p < 0.05$ .

<sup>¶</sup>Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island High School Survey  
Trend Analysis Report

White*												Linear Change <sup>†</sup>	Quadratic Change <sup>‡</sup>	Change from 2011-2013 <sup>§</sup>
Physical Activity														
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN83: Percentage of students who attended physical education (PE) classes on one or more days in an average week when they were in school														
			91.8		91.5	89.7	87.3	81.8	83.3	81.4	81.0	Decreased, 1997-2013	No quadratic change	No change
QNDLYPE: Percentage of students who attended physical education (PE) classes daily in an average week when they were in school														
			12.1		12.6	21.0	20.4	21.5	20.3	17.1	25.0	No linear change	No quadratic change	No change
QN84: Percentage of students who played on one or more sports teams during the past 12 months														
										58.3	57.5	No linear change	Not available <sup>¶</sup>	No change

\*Non-Hispanic.

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

<sup>‡</sup>Based on t-test analysis, p < 0.05.

<sup>¶</sup>Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island High School Survey  
Trend Analysis Report

White* Other	Health Risk Behavior and Percentages											Linear Change <sup>†</sup>	Quadratic Change <sup>‡</sup>	Change from 2011-2013 <sup>§</sup>
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011			
	QN86: Percentage of students who had ever been told by a doctor or nurse that they had asthma													
							20.4	25.8	21.5	25.2	22.2	No linear change	Not available <sup>¶</sup>	No change

\*Non-Hispanic.

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

<sup>‡</sup>Based on t-test analysis,  $p < 0.05$ .

<sup>¶</sup>Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island High School Survey  
Trend Analysis Report

White* Site-Added												Linear Change <sup>†</sup>	Quadratic Change <sup>‡</sup>	Change from 2011-2013 <sup>§</sup>
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN87: Percentage of students who would describe their grades in school as mostly A's or B's during the past 12 months														
								68.0	69.9	73.5	75.4	Increased, 2007-2013	Not available <sup>¶</sup>	No change
QN88: Percentage of students who have physical disabilities or long-term health problems														
								11.5	10.0	11.8	9.3	No linear change	Not available	Decreased
QN89: Percentage of students who have long-term emotional problems or learning disabilities														
								13.6	12.9	15.7	13.2	No linear change	Not available	No change
QN90: Percentage of students who were asked by a doctor, dentist, or nurse during the past 12 months whether they smoke cigarettes														
								30.3	31.9	34.1	38.4	Increased, 2007-2013	Not available	No change
QN92: Percentage of students who used chewing tobacco, snuff, or dip on school property on one or more of the past 30 days														
										3.0	4.2	No linear change	Not available	No change

\*Non-Hispanic.

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

<sup>‡</sup>Based on t-test analysis,  $p < 0.05$ .

<sup>¶</sup>Not enough years of data to calculate.



2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island High School Survey  
Trend Analysis Report

White* Site-Added	Health Risk Behavior and Percentages											Linear Change <sup>†</sup>	Quadratic Change <sup>‡</sup>	Change from 2011-2013 <sup>§</sup>
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011			
QN103: Percentage of students who have had sexual contact with males and females during their life														
								5.4	4.4	4.6	4.6	No linear change	Not available <sup>¶</sup>	No change
QN104: Percentage of students who describe themselves as gay or lesbian or bisexual														
								6.4	5.9	6.6	5.8	No linear change	Not available	No change
QN108: Percentage of students who had been told by a doctor or nurse that they had asthma and who still have asthma														
								14.1	11.7	13.5	11.9	No linear change	Not available	No change
QN109: Percentage of students who last saw a doctor or nurse for a check-up or physical exam during the past 12 months when they were not sick or injured														
									76.3	78.1	84.0	Increased, 2009-2013	Not available	Increased

\*Non-Hispanic.

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

<sup>‡</sup>Based on t-test analysis,  $p < 0.05$ .

<sup>¶</sup>Not enough years of data to calculate.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Rhode Island High School Survey Trend Analysis Report

<b>Black*</b>												Linear Change <sup>†</sup>	Quadratic Change <sup>‡</sup>	Change from 2011-2013 <sup>§</sup>
<b>Injury and Violence</b>														
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN8: Among students who rode a bicycle during the past 12 months, the percentage who never or rarely wore a bicycle helmet														
								92.2	92.7	94.8		No linear change	Not available <sup>¶</sup>	No change
QN9: Percentage of students who never or rarely wore a seat belt when riding in a car driven by someone else														
						13.1	19.3	19.0	17.5	13.5		No linear change	Not available	No change
QN10: Percentage of students who rode one or more times during the past 30 days in a car or other vehicle driven by someone who had been drinking alcohol														
						32.5	25.9	21.0	27.7	28.2		No linear change	Not available	No change
QN15: Percentage of students who carried a weapon such as a gun, knife, or club on school property on one or more of the past 30 days														
						6.1	9.7	4.2	4.9	10.4		No linear change	Not available	No change
QN16: Percentage of students who did not go to school on one or more of the past 30 days because they felt they would be unsafe at school or on their way to or from school														
						10.0	3.3	5.2	6.8	14.9		No linear change	Not available	Increased

\*Non-Hispanic.

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

<sup>‡</sup>Based on t-test analysis,  $p < 0.05$ .

<sup>¶</sup>Not enough years of data to calculate.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Rhode Island High School Survey Trend Analysis Report

<b>Black*</b>												Linear Change <sup>†</sup>	Quadratic Change <sup>‡</sup>	Change from 2011-2013 <sup>§</sup>
<b>Injury and Violence</b>														
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN18: Percentage of students who were in a physical fight one or more times during the past 12 months														
						36.7	35.5	27.1	29.6	30.3		Decreased, 2005-2013	Not available <sup>¶</sup>	No change
QN20: Percentage of students who were in a physical fight on school property one or more times during the past 12 months														
						19.3	15.2	9.7	10.3	12.2		Decreased, 2005-2013	Not available	No change
QN21: Percentage of students who had ever been physically forced to have sexual intercourse when they did not want to														
						10.0	10.3	5.6	6.7	11.5		No linear change	Not available	No change
QN24: Percentage of students who had ever been bullied on school property during the past 12 months														
								9.2	13.1	20.8		Increased, 2009-2013	Not available	Increased
QN25: Percentage of students who had ever been electronically bullied during the past 12 months														
								8.4	17.7			Increased, 2011-2013	Not available	Increased

\*Non-Hispanic.

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

<sup>‡</sup>Based on t-test analysis,  $p < 0.05$ .

<sup>¶</sup>Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island High School Survey  
Trend Analysis Report

Black*														
Injury and Violence														
Health Risk Behavior and Percentages											Linear Change <sup>†</sup>	Quadratic Change <sup>‡</sup>	Change from 2011-2013 <sup>§</sup>	
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN26: Percentage of students who felt so sad or hopeless almost every day for two weeks or more in a row that they stopped doing some usual activities during the past 12 months												No linear change	Not available <sup>¶</sup>	No change
QN27: Percentage of students who seriously considered attempting suicide during the past 12 months												Increased, 2005-2013	Not available	Increased
QN28: Percentage of students who made a plan about how they would attempt suicide during the past 12 months												No linear change	Not available	No change
QN29: Percentage of students who actually attempted suicide one or more times during the past 12 months												No linear change	Not available	No change

\*Non-Hispanic.

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

<sup>‡</sup>Based on t-test analysis,  $p < 0.05$ .

<sup>¶</sup>Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island High School Survey  
Trend Analysis Report

Black* Tobacco Use												Linear Change <sup>†</sup>	Quadratic Change <sup>‡</sup>	Change from 2011-2013 <sup>§</sup>
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN31: Percentage of students who ever tried cigarette smoking, even one or two puffs												Decreased, 2005-2013	Not available <sup>¶</sup>	No change
						39.5	35.8	34.0	33.3	24.9				
QN32: Percentage of students who smoked a whole cigarette for the first time before age 13 years												No linear change	Not available	No change
						10.2	6.5	8.6	6.6	7.7				
QN33: Percentage of students who smoked cigarettes on one or more of the past 30 days												No linear change	Not available	No change
						6.8	5.5	6.5	7.0	5.3				
QN34: Percentage of students who smoked cigarettes on 20 or more of the past 30 days												No linear change	Not available	No change
						2.4	0.9	3.3	2.9	2.7				
QN36: Percentage of students who smoked cigarettes on school property on one or more of the past 30 days												No linear change	Not available	No change
						4.8	2.1	3.3	3.5	1.8				

\*Non-Hispanic.

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

<sup>‡</sup>Based on t-test analysis,  $p < 0.05$ .

<sup>¶</sup>Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island High School Survey  
Trend Analysis Report

Black* Tobacco Use												Linear Change <sup>†</sup>	Quadratic Change <sup>‡</sup>	Change from 2011-2013 <sup>§</sup>
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN37: Percentage of students who ever smoked cigarettes daily, that is, at least one cigarette every day for 30 days												No linear change	Not available <sup>¶</sup>	No change
QN39: Percentage of students who used chewing tobacco, snuff, or dip on one or more of the past 30 days												Increased, 2005-2013	Not available	Increased
QN40: Percentage of students who smoked cigars, cigarillos, or little cigars on one or more of the past 30 days												No linear change	Not available	No change
QNANYTOB: Percentage of students who smoked cigarettes or cigars or used chewing tobacco, snuff, or dip on one or more of the past 30 days												No linear change	Not available	No change

\*Non-Hispanic.

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

<sup>‡</sup>Based on t-test analysis,  $p < 0.05$ .

<sup>¶</sup>Not enough years of data to calculate.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Rhode Island High School Survey Trend Analysis Report

<b>Black*</b>												Linear Change <sup>†</sup>	Quadratic Change <sup>‡</sup>	Change from 2011-2013 <sup>§</sup>
<b>Alcohol and Other Drug Use</b>														
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN42: Percentage of students who had their first drink of alcohol other than a few sips before age 13 years														
							21.6	18.5	20.9	17.2	24.0	No linear change	Not available <sup>¶</sup>	No change
QN43: Percentage of students who had at least one drink of alcohol on one or more of the past 30 days														
							33.6	28.9	22.5	30.6	33.7	No linear change	Not available	No change
QN44: Percentage of students who had five or more drinks of alcohol in a row, that is, within a couple of hours, on one or more of the past 30 days														
							16.0	9.1	10.3	15.1	13.2	No linear change	Not available	No change
QN47: Percentage of students who used marijuana one or more times during their life														
							43.0	40.2	37.0	40.6	38.5	No linear change	Not available	No change
QN48: Percentage of students who tried marijuana for the first time before age 13 years														
							10.8	9.0	12.8	9.4	10.5	No linear change	Not available	No change

\*Non-Hispanic.

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

<sup>‡</sup>Based on t-test analysis,  $p < 0.05$ .

<sup>¶</sup>Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island High School Survey  
Trend Analysis Report

Black*														
Alcohol and Other Drug Use														
Health Risk Behavior and Percentages											Linear Change <sup>†</sup>	Quadratic Change <sup>‡</sup>	Change from 2011-2013 <sup>§</sup>	
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN49: Percentage of students who used marijuana one or more times during the past 30 days												No linear change	Not available <sup>¶</sup>	No change
						26.6	21.4	23.4	27.8	25.8				
QN50: Percentage of students who used any form of cocaine, including powder, crack, or freebase one or more times during their life												No linear change	Not available	No change
						5.6	6.1	2.7	5.7	7.4				
QN56: Percentage of students who have taken a prescription drug (such as OxyContin, Percocet, Vicodin, codeine, Adderall, Ritalin, or Xanax) without a doctor's prescription one or more times during their life												No linear change	Not available	No change
									9.2	14.4				
QN58: Percentage of students who were offered, sold, or given an illegal drug by someone on school property during the past 12 months												No linear change	Not available	No change
						21.3	16.9	20.7	21.4	21.0				

\*Non-Hispanic.

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

<sup>‡</sup>Based on t-test analysis,  $p < 0.05$ .

<sup>¶</sup>Not enough years of data to calculate.



2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island High School Survey  
Trend Analysis Report

Black*														
Sexual Behaviors														
Health Risk Behavior and Percentages											Linear Change <sup>†</sup>	Quadratic Change <sup>‡</sup>	Change from 2011-2013 <sup>§</sup>	
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN59: Percentage of students who ever had sexual intercourse														
							58.3	56.3	53.2	53.1	41.7	Decreased, 2005-2013	Not available <sup>¶</sup>	No change
QN60: Percentage of students who had sexual intercourse for the first time before age 13 years														
							13.5	10.7	12.8	14.7	12.0	No linear change	Not available	No change
QN61: Percentage of students who had sexual intercourse with four or more people during their life														
							22.2	22.8	24.0	22.2	16.2	No linear change	Not available	No change
QN62: Percentage of students who had sexual intercourse with one or more people during the past three months														
							48.5	34.9	37.3	32.4	26.6	Decreased, 2005-2013	Not available	No change
QN85: Percentage of students who had ever been taught in school about AIDS or HIV infection														
							85.8	86.5	80.5	77.5	67.0	Decreased, 2005-2013	Not available	Decreased

\*Non-Hispanic.

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

<sup>‡</sup>Based on t-test analysis, p < 0.05.

<sup>¶</sup>Not enough years of data to calculate.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Rhode Island High School Survey Trend Analysis Report

<b>Black*</b>														
<b>Weight Management and Dietary Behaviors</b>														
Health Risk Behavior and Percentages											Linear Change <sup>†</sup>	Quadratic Change <sup>‡</sup>	Change from 2011-2013 <sup>§</sup>	
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QNOWT: Percentage of students who were overweight (i.e., at or above the 85th percentile but below the 95th percentile for body mass index, by age and sex) <sup>¶</sup>														
						16.8	19.1	20.3	11.7	18.4		No linear change	Not available**	No change
QNOBESE: Percentage of students who were obese (i.e., at or above the 95th percentile for body mass index, by age and sex) <sup>¶</sup>														
						15.6	12.0	11.0	10.6	15.8		No linear change	Not available	No change
QN66: Percentage of students who described themselves as slightly or very overweight														
						31.4	21.4	21.3	18.3	21.6		Decreased, 2005-2013	Not available	No change
QN67: Percentage of students who were trying to lose weight														
						39.7	37.1	37.2	32.8	38.9		No linear change	Not available	No change
QN68: Percentage of students who went without eating for 24 hours or more to lose weight or to keep from gaining weight during the past 30 days														
						12.4	14.1	10.2	10.6	19.0		No linear change	Not available	Increased

\*Non-Hispanic.

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

<sup>‡</sup>Based on t-test analysis,  $p < 0.05$ .

<sup>¶</sup>Overweight and obese prevalence estimates for 1999 differ slightly from previously published results because different BMI cut points were used in 1999 than in subsequent years. To make these prevalence estimates comparable, the 1999 prevalence estimates were recalculated using the updated BMI cut points.

\*\*Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island High School Survey  
Trend Analysis Report

Black*																			
Weight Management and Dietary Behaviors																			
Health Risk Behavior and Percentages																			
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	Linear Change <sup>†</sup>	Quadratic Change <sup>‡</sup>	Change from 2011-2013 <sup>§</sup>					
QN69: Percentage of students who took any diet pills, powders, or liquids without a doctor's advice to lose weight or to keep from gaining weight during the past 30 days												4.0	9.5	Increased, 2011-2013	Not available <sup>¶</sup>	Increased			
QN70: Percentage of students who vomited or took laxatives to lose weight or to keep from gaining weight during the past 30 days												5.9	5.8	5.9	4.7	7.6	No linear change	Not available	No change
QN71: Percentage of students who drank 100% fruit juices one or more times during the past seven days												82.6	83.1	80.2	83.2	81.5	No linear change	Not available	No change
QN72: Percentage of students who ate fruit one or more times during the past seven days												78.6	78.7	81.0	84.3	81.8	No linear change	Not available	No change
QN73: Percentage of students who ate green salad one or more times during the past seven days												50.7	60.1	50.2	52.9	51.1	No linear change	Not available	No change

\*Non-Hispanic.

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

<sup>‡</sup>Based on t-test analysis,  $p < 0.05$ .

<sup>¶</sup>Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island High School Survey  
Trend Analysis Report

Black*											Linear Change <sup>†</sup>	Quadratic Change <sup>‡</sup>	Change from 2011-2013 <sup>§</sup>	
Weight Management and Dietary Behaviors														
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN74: Percentage of students who ate potatoes one or more times during the past seven days											No linear change	Not available <sup>¶</sup>	No change	
						62.7	64.9	58.7	65.8	67.4				
QN75: Percentage of students who ate carrots one or more times during the past seven days											No linear change	Not available	Increased	
						38.6	38.7	37.1	37.6	48.1				
QN76: Percentage of students who ate other vegetables one or more times during the past seven days											No linear change	Not available	No change	
						72.1	78.2	68.8	71.2	74.4				
QNFRVG: Percentage of students who ate fruits and vegetables five or more times per day during the past seven days											No linear change	Not available	No change	
						28.5	20.1	19.3	24.0	24.6				
QNFRUIT: Percentage of students who ate fruits or drank 100% fruit juices two or more times per day during the past seven days											No linear change	Not available	No change	
						43.0	38.2	28.0	33.4	37.9				

\*Non-Hispanic.

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

<sup>‡</sup>Based on t-test analysis, p < 0.05.

<sup>¶</sup>Not enough years of data to calculate.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Rhode Island High School Survey Trend Analysis Report

<b>Black*</b>														
<b>Weight Management and Dietary Behaviors</b>														
<b>Health Risk Behavior and Percentages</b>												<b>Linear Change<sup>†</sup></b>	<b>Quadratic Change<sup>‡</sup></b>	<b>Change from 2011-2013<sup>§</sup></b>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QNFR0: Percentage of students who ate fruits or drank 100% fruit juices 0 times per day during the past seven days												No linear change	Not available <sup>¶</sup>	No change
						9.2	6.7	8.8	6.0	5.6				
QNFR1: Percentage of students who ate fruits or drank 100% fruit juices one or more times per day during the past seven days												No linear change	Not available	Increased
						67.7	61.1	52.4	55.9	65.7				
QNFR3: Percentage of students who ate fruits or drank 100% fruit juices three or more times per day during the past seven days												No linear change	Not available	No change
						32.7	34.0	22.7	24.5	27.1				
QNVEG: Percentage of students who ate vegetables three or more times per day during the past seven days												No linear change	Not available	Increased
						16.6	9.1	9.6	10.7	20.3				
QNVEG0: Percentage of students who ate vegetables 0 times per day during the past seven days												No linear change	Not available	No change
						11.7	11.2	11.6	12.3	10.3				

\*Non-Hispanic.

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

<sup>‡</sup>Based on t-test analysis,  $p < 0.05$ .

<sup>¶</sup>Not enough years of data to calculate.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Rhode Island High School Survey Trend Analysis Report

<b>Black*</b>												Linear Change <sup>†</sup>	Quadratic Change <sup>‡</sup>	Change from 2011-2013 <sup>§</sup>
<b>Weight Management and Dietary Behaviors</b>														
<b>Health Risk Behavior and Percentages</b>														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QNVEG1: Percentage of students who ate vegetables one or more times per day during the past seven days														
							57.4	55.2	46.5	51.1	55.5	No linear change	Not available <sup>¶</sup>	No change
QNVEG2: Percentage of students who ate vegetables two or more times per day during the past seven days														
							26.2	22.1	21.0	18.7	27.4	No linear change	Not available	Increased
QNFRVG2: Percentage of students who ate fruits or drank 100% fruit juices two or more times per day and ate vegetables three or more times per day during the past seven days														
							14.2	6.2	5.1	7.4	14.3	No linear change	Not available	Increased
QN77: Percentage of students who drank a can, bottle, or glass of soda or pop one or more times per day during the past seven days														
								27.1	22.7	21.2	19.3	No linear change	Not available	No change
QNSODA0: Percentage of students who drank a can, bottle, or glass of soda or pop 0 times per day during the past seven days														
							19.4	24.7	20.7	25.2		No linear change	Not available	No change

\*Non-Hispanic.

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

<sup>‡</sup>Based on t-test analysis,  $p < 0.05$ .

<sup>¶</sup>Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island High School Survey  
Trend Analysis Report

Black*												Linear Change <sup>†</sup>	Quadratic Change <sup>‡</sup>	Change from 2011-2013 <sup>§</sup>
Weight Management and Dietary Behaviors														
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QNSODA2: Percentage of students who drank a can, bottle, or glass of soda or pop two or more times per day during the past seven days												No linear change	Not available <sup>¶</sup>	Decreased
QNSODA3: Percentage of students who drank a can, bottle, or glass of soda or pop three or more times per day during the past seven days												No linear change	Not available	No change

\*Non-Hispanic.

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

<sup>‡</sup>Based on t-test analysis, p < 0.05.

<sup>¶</sup>Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island High School Survey  
Trend Analysis Report

Black*														
Physical Activity														
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	Linear Change <sup>†</sup>	Quadratic Change <sup>‡</sup>	Change from 2011-2013 <sup>§</sup>
QN80: Percentage of students who were physically active for a total of at least 60 minutes per day on five or more of the past seven days														
							26.1	42.6	39.7	39.8	39.8	Increased, 2005-2013	Not available <sup>¶</sup>	No change
QNPA0DAY: Percentage of students who were physically active for a total of at least 60 minutes per day on 0 of the past seven days														
							32.8	13.8	15.2	20.2	18.4	No linear change	Not available	No change
QNPA7DAY: Percentage of students who were physically active for a total of at least 60 minutes per day on 7 of the past seven days														
							14.1	22.1	23.6	24.1	23.6	Increased, 2005-2013	Not available	No change
QN81: Percentage of students who watched three or more hours per day of TV on an average school day														
							56.4	41.9	48.7	42.7	36.8	Decreased, 2005-2013	Not available	No change
QN82: Percentage of students who played video or computer games or used a computer for something that was not school work three or more hours per day on an average school day														
							32.7	35.0	32.7	45.0		Increased, 2007-2013	Not available	Increased

\*Non-Hispanic.

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

<sup>‡</sup>Based on t-test analysis, p < 0.05.

<sup>¶</sup>Not enough years of data to calculate.



2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island High School Survey  
Trend Analysis Report

Black*														
Physical Activity														
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	Linear Change <sup>†</sup>	Quadratic Change <sup>‡</sup>	Change from 2011-2013 <sup>§</sup>
QN83: Percentage of students who attended physical education (PE) classes on one or more days in an average week when they were in school														
						89.6	77.1	84.9	71.9	69.3		Decreased, 2005-2013	Not available <sup>¶</sup>	No change
QNDLYPE: Percentage of students who attended physical education (PE) classes daily in an average week when they were in school														
						18.6	34.9	30.4	40.5	21.1		No linear change	Not available	No change
QN84: Percentage of students who played on one or more sports teams during the past 12 months														
									52.8	65.5		Increased, 2011-2013	Not available	Increased

\*Non-Hispanic.

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

<sup>‡</sup>Based on t-test analysis, p < 0.05.

<sup>¶</sup>Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island High School Survey  
Trend Analysis Report

Black* Other	Health Risk Behavior and Percentages											Linear Change <sup>†</sup>	Quadratic Change <sup>‡</sup>	Change from 2011-2013 <sup>§</sup>
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011			
	QN86: Percentage of students who had ever been told by a doctor or nurse that they had asthma													
							20.8	24.0	23.8	20.5	20.0	No linear change	Not available <sup>¶</sup>	No change

\*Non-Hispanic.

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

<sup>‡</sup>Based on t-test analysis,  $p < 0.05$ .

<sup>¶</sup>Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island High School Survey  
Trend Analysis Report

Black* Site-Added												Linear Change <sup>†</sup>	Quadratic Change <sup>‡</sup>	Change from 2011-2013 <sup>§</sup>
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN87: Percentage of students who would describe their grades in school as mostly A's or B's during the past 12 months														
								56.4	50.9	56.0	68.4	Increased, 2007-2013	Not available <sup>¶</sup>	Increased
QN88: Percentage of students who have physical disabilities or long-term health problems														
								9.1	5.5	9.9	5.4	No linear change	Not available	No change
QN89: Percentage of students who have long-term emotional problems or learning disabilities														
								4.3	9.0	10.6	8.2	No linear change	Not available	No change
QN90: Percentage of students who were asked by a doctor, dentist, or nurse during the past 12 months whether they smoke cigarettes														
								25.4	26.2	22.7	28.4	No linear change	Not available	No change
QN92: Percentage of students who used chewing tobacco, snuff, or dip on school property on one or more of the past 30 days														
										1.3	8.9	Increased, 2011-2013	Not available	Increased

\*Non-Hispanic.

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

<sup>‡</sup>Based on t-test analysis,  $p < 0.05$ .

<sup>¶</sup>Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island High School Survey  
Trend Analysis Report

Black* Site-Added	Health Risk Behavior and Percentages											Linear Change <sup>†</sup>	Quadratic Change <sup>‡</sup>	Change from 2011-2013 <sup>§</sup>
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011			
QN103: Percentage of students who have had sexual contact with males and females during their life														
								5.2	3.6	5.5	3.1	No linear change	Not available <sup>¶</sup>	No change
QN104: Percentage of students who describe themselves as gay or lesbian or bisexual														
								7.0	6.5	8.5	10.0	No linear change	Not available	No change
QN108: Percentage of students who had been told by a doctor or nurse that they had asthma and who still have asthma														
								10.9	11.4	12.1	12.1	No linear change	Not available	No change
QN109: Percentage of students who last saw a doctor or nurse for a check-up or physical exam during the past 12 months when they were not sick or injured														
									63.0	62.5	70.3	No linear change	Not available	No change

\*Non-Hispanic.

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

<sup>‡</sup>Based on t-test analysis,  $p < 0.05$ .

<sup>¶</sup>Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island High School Survey  
Trend Analysis Report

Hispanic/Latino  
Injury and Violence

Health Risk Behavior and Percentages											Linear Change*	Quadratic Change*	Change from 2011-2013 †	
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN8: Among students who rode a bicycle during the past 12 months, the percentage who never or rarely wore a bicycle helmet														
			95.0		90.2	92.3	89.7	91.8	93.3	90.6	91.9	No linear change	No quadratic change	No change
QN9: Percentage of students who never or rarely wore a seat belt when riding in a car driven by someone else														
			45.8		21.7	24.4	14.7	20.4	19.7	17.2	10.9	Decreased, 1997-2013	Decreased, 1997-2005 Decreased, 2005-2013	Decreased
QN10: Percentage of students who rode one or more times during the past 30 days in a car or other vehicle driven by someone who had been drinking alcohol														
			36.0		29.3	31.8	33.4	29.6	29.0	29.1	24.7	Decreased, 1997-2013	No quadratic change	No change
QN15: Percentage of students who carried a weapon such as a gun, knife, or club on school property on one or more of the past 30 days														
			6.8		8.0	8.8	5.4	6.1	7.7	6.8	7.6	No linear change	No quadratic change	No change
QN16: Percentage of students who did not go to school on one or more of the past 30 days because they felt they would be unsafe at school or on their way to or from school														
			9.8		13.7	12.2	8.3	8.2	14.1	10.4	9.7	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.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Rhode Island High School Survey Trend Analysis Report

#### Hispanic/Latino Injury and Violence

Health Risk Behavior and Percentages											Linear Change*	Quadratic Change*	Change from 2011-2013 †	
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN18: Percentage of students who were in a physical fight one or more times during the past 12 months														
			38.8		38.9	36.1	33.2	29.9	31.3	28.5	26.1	Decreased, 1997-2013	No quadratic change	No change
QN20: Percentage of students who were in a physical fight on school property one or more times during the past 12 months														
			13.4		18.9	16.7	14.0	10.1	12.3	10.6	8.4	Decreased, 1997-2013	No quadratic change	No change
QN21: Percentage of students who had ever been physically forced to have sexual intercourse when they did not want to														
					9.1	5.8	5.1	13.7	8.8	9.9	10.0	No linear change	No quadratic change	No change
QN24: Percentage of students who had ever been bullied on school property during the past 12 months														
								13.8	14.2	14.4		No linear change	Not available <sup>§</sup>	No change
QN25: Percentage of students who had ever been electronically bullied during the past 12 months														
									14.5	10.6		Decreased, 2011-2013	Not available	Decreased

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

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

§Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island High School Survey  
Trend Analysis Report

Hispanic/Latino  
Injury and Violence

Health Risk Behavior and Percentages											Linear Change*	Quadratic Change*	Change from 2011-2013 †	
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN26: Percentage of students who felt so sad or hopeless almost every day for two weeks or more in a row that they stopped doing some usual activities during the past 12 months											No linear change	No quadratic change	No change	
					30.7	31.2	25.1	29.6	32.2	31.3	28.4			
QN27: Percentage of students who seriously considered attempting suicide during the past 12 months											No linear change	Decreased, 1997-2003 No change, 2003-2013	No change	
			23.5		10.9	13.2	9.8	13.7	15.3	14.8	15.9			
QN28: Percentage of students who made a plan about how they would attempt suicide during the past 12 months											No linear change	No quadratic change	Decreased	
			18.2		9.9	8.7	6.6	16.0	14.9	13.8	10.9			
QN29: Percentage of students who actually attempted suicide one or more times during the past 12 months											Increased, 1997-2013	No change, 1997-2005 Increased, 2005-2013	Increased	
			11.9		11.4	9.6	7.6	14.3	12.8	14.6	18.2			

\*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.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Rhode Island High School Survey Trend Analysis Report

#### Hispanic/Latino Tobacco Use

Health Risk Behavior and Percentages											Linear Change*	Quadratic Change*	Change from 2011-2013 †	
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN31: Percentage of students who ever tried cigarette smoking, even one or two puffs														
			57.4		51.4	52.3	38.7	41.5	35.3	31.4	31.6	Decreased, 1997-2013	No quadratic change	No change
QN32: Percentage of students who smoked a whole cigarette for the first time before age 13 years														
			13.3		14.8	15.8	12.9	15.0	9.3	9.5	8.1	Decreased, 1997-2013	No quadratic change	No change
QN33: Percentage of students who smoked cigarettes on one or more of the past 30 days														
			14.8		13.1	13.9	7.1	9.3	7.7	7.6	4.0	Decreased, 1997-2013	No quadratic change	No change
QN34: Percentage of students who smoked cigarettes on 20 or more of the past 30 days														
			6.9		8.5	5.0	2.6	4.6	2.9	2.8	1.1	Decreased, 1997-2013	No quadratic change	No change
QN36: Percentage of students who smoked cigarettes on school property on one or more of the past 30 days														
			10.7		9.3	7.9	4.1	5.2	3.7	3.0	1.6	Decreased, 1997-2013	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,  $p < 0.05$ .



## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Rhode Island High School Survey Trend Analysis Report

#### Hispanic/Latino Tobacco Use

Health Risk Behavior and Percentages											Linear Change*	Quadratic Change*	Change from 2011-2013 †	
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN37: Percentage of students who ever smoked cigarettes daily, that is, at least one cigarette every day for 30 days														
					12.3	8.1	6.3	9.7	5.4	4.7	2.9	Decreased, 2001-2013	No quadratic change	No change
QN39: Percentage of students who used chewing tobacco, snuff, or dip on one or more of the past 30 days														
			3.6		7.2	3.6	3.1	7.5	6.7	6.2	7.1	No linear change	No quadratic change	No change
QN40: Percentage of students who smoked cigars, cigarillos, or little cigars on one or more of the past 30 days														
					11.6	10.6	8.1	12.3	6.3	10.0	7.7	No linear change	No quadratic change	No change
QNANYTOB: Percentage of students who smoked cigarettes or cigars or used chewing tobacco, snuff, or dip on one or more of the past 30 days														
					16.4	17.9	8.8	14.7	10.8	10.4	10.9	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.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Rhode Island High School Survey Trend Analysis Report

#### Hispanic/Latino Alcohol and Other Drug Use

Health Risk Behavior and Percentages											Linear Change*	Quadratic Change*	Change from 2011-2013 †	
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN42: Percentage of students who had their first drink of alcohol other than a few sips before age 13 years														
			49.8		34.6	33.2	27.6	31.9	25.9	24.7	19.7	Decreased, 1997-2013	No quadratic change	Decreased
QN43: Percentage of students who had at least one drink of alcohol on one or more of the past 30 days														
			51.3		41.8	40.6	36.6	39.4	35.9	37.5	30.9	Decreased, 1997-2013	No quadratic change	No change
QN44: Percentage of students who had five or more drinks of alcohol in a row, that is, within a couple of hours, on one or more of the past 30 days														
			32.3		24.8	26.2	19.5	18.0	18.5	18.8	13.8	Decreased, 1997-2013	No quadratic change	No change
QN47: Percentage of students who used marijuana one or more times during their life														
			32.2		38.1	44.5	30.8	33.9	34.9	37.3	41.2	No linear change	No quadratic change	No change
QN48: Percentage of students who tried marijuana for the first time before age 13 years														
			4.6		12.8	14.0	7.6	10.2	9.8	9.6	9.2	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,  $p < 0.05$ .

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Rhode Island High School Survey Trend Analysis Report

#### Hispanic/Latino Alcohol and Other Drug Use

Health Risk Behavior and Percentages											Linear Change*	Quadratic Change*	Change from 2011-2013 †	
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN49: Percentage of students who used marijuana one or more times during the past 30 days														
			16.6		22.1	22.5	13.9	17.1	21.5	23.4	24.7	Increased, 1997-2013	No quadratic change	No change
QN50: Percentage of students who used any form of cocaine, including powder, crack, or freebase one or more times during their life														
			2.7		7.4	3.5	6.0	6.3	5.2	7.9	5.3	No linear change	No quadratic change	No change
QN56: Percentage of students who have taken a prescription drug (such as OxyContin, Percocet, Vicodin, codeine, Adderall, Ritalin, or Xanax) without a doctor's prescription one or more times during their life														
										11.9	10.5	No linear change	Not available <sup>§</sup>	No change
QN58: Percentage of students who were offered, sold, or given an illegal drug by someone on school property during the past 12 months														
			28.3		28.6	21.5	19.0	27.1	25.3	21.3	22.9	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.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Rhode Island High School Survey Trend Analysis Report

#### Hispanic/Latino Sexual Behaviors

Health Risk Behavior and Percentages											Linear Change*	Quadratic Change*	Change from 2011-2013 †	
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN59: Percentage of students who ever had sexual intercourse														
			44.9		56.8	60.0	51.5	50.0	52.4	49.7	42.2	No linear change	Increased, 1997-2003 Decreased, 2003-2013	No change
QN60: Percentage of students who had sexual intercourse for the first time before age 13 years														
			10.5		14.2	9.9	10.1	10.5	11.2	9.9	7.3	No linear change	No quadratic change	No change
QN61: Percentage of students who had sexual intercourse with four or more people during their life														
			15.4		22.7	17.7	17.7	12.0	16.0	15.4	9.5	Decreased, 1997-2013	No quadratic change	Decreased
QN62: Percentage of students who had sexual intercourse with one or more people during the past three months														
			28.6		44.9	42.0	39.0	34.5	37.2	36.1	28.6	No linear change	Increased, 1997-2003 Decreased, 2003-2013	No change
QN64: Among students who had sexual intercourse during the past three months, the percentage who used a condom during last sexual intercourse														
						72.4	55.4	53.9	54.1	68.7		No linear change	Not available <sup>§</sup>	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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island High School Survey  
Trend Analysis Report

Hispanic/Latino  
Sexual Behaviors

Health Risk Behavior and Percentages											Linear Change*	Quadratic Change*	Change from 2011-2013 †	
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN85: Percentage of students who had ever been taught in school about AIDS or HIV infection														
			93.6		83.6	84.8	80.9	83.8	79.4	72.8	72.5	Decreased, 1997-2013	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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island High School Survey  
Trend Analysis Report

Hispanic/Latino Weight Management and Dietary Behaviors												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QNOWT: Percentage of students who were overweight (i.e., at or above the 85th percentile but below the 95th percentile for body mass index, by age and sex) <sup>§</sup>														
					10.1	16.3	17.2	16.8	21.3	20.7	21.2	Increased, 2001-2013	No quadratic change	No change
QNOBESE: Percentage of students who were obese (i.e., at or above the 95th percentile for body mass index, by age and sex) <sup>§</sup>														
					10.3	15.0	16.8	13.6	15.5	15.3	16.6	No linear change	No quadratic change	No change
QN66: Percentage of students who described themselves as slightly or very overweight														
			27.2		26.7	31.2	34.1	33.5	32.6	32.9	33.2	No linear change	No quadratic change	No change
QN67: Percentage of students who were trying to lose weight														
			41.2		33.3	48.5	46.6	50.9	50.5	52.8	52.9	Increased, 1997-2013	No quadratic change	No change
QN68: Percentage of students who went without eating for 24 hours or more to lose weight or to keep from gaining weight during the past 30 days														
					12.9	12.5	12.5	10.3	13.5	15.5	12.7	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.

§Overweight and obese prevalence estimates for 1999 differ slightly from previously published results because different BMI cut points were used in 1999 than in subsequent years. To make these prevalence estimates comparable, the 1999 prevalence estimates were recalculated using the updated BMI cut points.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Rhode Island High School Survey Trend Analysis Report

#### Hispanic/Latino

#### Weight Management and Dietary Behaviors

Health Risk Behavior and Percentages											Linear Change*	Quadratic Change*	Change from 2011-2013 †	
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN69: Percentage of students who took any diet pills, powders, or liquids without a doctor's advice to lose weight or to keep from gaining weight during the past 30 days											No linear change	Not available <sup>§</sup>	No change	
			2.8		7.1	5.2	4.0	9.7	7.7	8.0	8.2	Increased, 1997-2013	No quadratic change	No change
QN71: Percentage of students who drank 100% fruit juices one or more times during the past seven days											No linear change	No quadratic change	No change	
					87.1	81.5	85.1	81.9	83.3	85.0	81.6			
QN72: Percentage of students who ate fruit one or more times during the past seven days											No linear change	No quadratic change	No change	
					84.8	82.3	84.9	85.8	83.8	83.6	84.8			
QN73: Percentage of students who ate green salad one or more times during the past seven days											Decreased, 2001-2013	No quadratic change	Decreased	
					70.1	66.6	68.7	68.1	60.0	62.7	57.9			

\*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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island High School Survey  
Trend Analysis Report

Hispanic/Latino

Weight Management and Dietary Behaviors

Health Risk Behavior and Percentages											Linear Change*	Quadratic Change*	Change from 2011-2013 †	
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN74: Percentage of students who ate potatoes one or more times during the past seven days											No linear change	No quadratic change	No change	
					69.0	63.1	67.0	68.6	63.5	66.5	63.5			
QN75: Percentage of students who ate carrots one or more times during the past seven days											No linear change	No quadratic change	No change	
					43.8	39.7	43.0	40.9	42.8	39.8	41.1			
QN76: Percentage of students who ate other vegetables one or more times during the past seven days											No linear change	No quadratic change	No change	
					73.7	70.2	70.4	71.3	69.7	75.1	69.1			
QNFRVG: Percentage of students who ate fruits and vegetables five or more times per day during the past seven days											Decreased, 2001-2013	No quadratic change	No change	
					29.3	29.9	27.7	18.2	23.5	21.8	19.1			
QNFRUIT: Percentage of students who ate fruits or drank 100% fruit juices two or more times per day during the past seven days											Decreased, 2001-2013	No quadratic change	No change	
					46.8	39.4	41.7	30.5	34.2	35.8	31.4			

\*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.



2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island High School Survey  
Trend Analysis Report

Hispanic/Latino

Weight Management and Dietary Behaviors

Health Risk Behavior and Percentages											Linear Change*	Quadratic Change*	Change from 2011-2013 †	
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QNFR0: Percentage of students who ate fruits or drank 100% fruit juices 0 times per day during the past seven days											No linear change	No quadratic change	No change	
					6.5	6.7	6.8	5.6	6.6	5.7	6.0			
QNFR1: Percentage of students who ate fruits or drank 100% fruit juices one or more times per day during the past seven days											Decreased, 2001-2013	No quadratic change	No change	
					71.2	64.7	66.3	54.3	61.1	62.1	58.9			
QNFR3: Percentage of students who ate fruits or drank 100% fruit juices three or more times per day during the past seven days											Decreased, 2001-2013	No quadratic change	No change	
					31.1	30.3	31.0	22.5	27.2	24.8	23.9			
QNVEG: Percentage of students who ate vegetables three or more times per day during the past seven days											Decreased, 2001-2013	No quadratic change	No change	
					14.6	22.0	16.2	13.1	13.8	13.1	11.6			
QNVEG0: Percentage of students who ate vegetables 0 times per day during the past seven days											No linear change	No quadratic change	No change	
					12.3	14.1	12.3	7.9	9.4	8.4	10.6			

\*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.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Rhode Island High School Survey Trend Analysis Report

Hispanic/Latino Weight Management and Dietary Behaviors												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QNVEG1: Percentage of students who ate vegetables one or more times per day during the past seven days												Decreased, 2001-2013	No quadratic change	No change
					61.4	57.5	57.3	53.1	51.9	55.9	51.2			
QNVEG2: Percentage of students who ate vegetables two or more times per day during the past seven days												Decreased, 2001-2013	No quadratic change	No change
					33.6	31.5	29.2	22.2	23.8	24.3	22.7			
QNFRVG2: Percentage of students who ate fruits or drank 100% fruit juices two or more times per day and ate vegetables three or more times per day during the past seven days												Decreased, 2001-2013	No quadratic change	No change
					10.8	18.1	11.0	11.1	10.7	10.2	7.8			
QN77: Percentage of students who drank a can, bottle, or glass of soda or pop one or more times per day during the past seven days												Decreased, 2007-2013	Not available <sup>§</sup>	No change
								30.2	26.4	22.0	20.8			
QNSODA0: Percentage of students who drank a can, bottle, or glass of soda or pop 0 times per day during the past seven days												Increased, 2007-2013	Not available	No change
								13.7	14.9	17.0	20.7			

\*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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island High School Survey  
Trend Analysis Report

Hispanic/Latino

Weight Management and Dietary Behaviors

Health Risk Behavior and Percentages											Linear Change*	Quadratic Change*	Change from 2011-2013 †	
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QNSODA2: Percentage of students who drank a can, bottle, or glass of soda or pop two or more times per day during the past seven days											Decreased, 2007-2013	Not available <sup>§</sup>	No change	
						21.2	18.7	16.5	14.1					
QNSODA3: Percentage of students who drank a can, bottle, or glass of soda or pop three or more times per day during the past seven days											No linear change	Not available	No change	
						14.6	12.6	11.4	8.9					

\*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.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### Rhode Island High School Survey Trend Analysis Report

#### Hispanic/Latino Physical Activity

Health Risk Behavior and Percentages											Linear Change*	Quadratic Change*	Change from 2011-2013 †	
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN80: Percentage of students who were physically active for a total of at least 60 minutes per day on five or more of the past seven days											Increased, 2005-2013	Not available <sup>§</sup>	No change	
						21.8	31.0	32.2	34.3	33.8				
QNPA0DAY: Percentage of students who were physically active for a total of at least 60 minutes per day on 0 of the past seven days											Decreased, 2005-2013	Not available	No change	
						33.2	21.0	18.6	18.8	20.6				
QNPA7DAY: Percentage of students who were physically active for a total of at least 60 minutes per day on 7 of the past seven days											No linear change	Not available	No change	
						11.7	19.6	19.0	18.7	17.0				
QN81: Percentage of students who watched three or more hours per day of TV on an average school day											Decreased, 2001-2013	No quadratic change	No change	
					49.3	42.2	45.2	39.2	43.3	37.5	36.9			
QN82: Percentage of students who played video or computer games or used a computer for something that was not school work three or more hours per day on an average school day											Increased, 2007-2013	Not available	Increased	
						26.1	33.5	33.6	41.7					

\*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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island High School Survey  
Trend Analysis Report

Hispanic/Latino Physical Activity												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN83: Percentage of students who attended physical education (PE) classes on one or more days in an average week when they were in school														
			83.6		74.5	86.4	82.4	65.6	77.7	70.0	66.8	Decreased, 1997-2013	No quadratic change	No change
QNDLYPE: Percentage of students who attended physical education (PE) classes daily in an average week when they were in school														
			15.4		21.3	20.4	16.0	25.0	24.9	37.5	29.0	Increased, 1997-2013	No quadratic change	No change
QN84: Percentage of students who played on one or more sports teams during the past 12 months														
										45.5	43.5	No linear change	Not available <sup>§</sup>	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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island High School Survey  
Trend Analysis Report

Hispanic/Latino  
Other

Health Risk Behavior and Percentages											Linear Change*	Quadratic Change*	Change from 2011-2013 †	
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN86: Percentage of students who had ever been told by a doctor or nurse that they had asthma														
						18.9	26.6	25.0	27.7	27.1		Increased, 2005-2013	Not available <sup>§</sup>	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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island High School Survey  
Trend Analysis Report

Hispanic/Latino Site-Added												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN87: Percentage of students who would describe their grades in school as mostly A's or B's during the past 12 months														
								54.4	46.4	52.6	57.2	No linear change	Not available <sup>§</sup>	No change
QN88: Percentage of students who have physical disabilities or long-term health problems														
								11.2	10.7	13.1	7.0	No linear change	Not available	Decreased
QN89: Percentage of students who have long-term emotional problems or learning disabilities														
								12.3	10.1	14.2	10.7	No linear change	Not available	Decreased
QN90: Percentage of students who were asked by a doctor, dentist, or nurse during the past 12 months whether they smoke cigarettes														
								22.9	25.3	26.3	27.2	No linear change	Not available	No change
QN92: Percentage of students who used chewing tobacco, snuff, or dip on school property on one or more of the past 30 days														
										4.1	5.2	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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

Rhode Island High School Survey  
Trend Analysis Report

Hispanic/Latino Site-Added												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN103: Percentage of students who have had sexual contact with males and females during their life												No linear change	Not available <sup>§</sup>	No change
								4.9	5.2	6.5	5.5			
QN104: Percentage of students who describe themselves as gay or lesbian or bisexual												Increased, 2007-2013	Not available	No change
								8.7	7.6	9.6	11.7			
QN108: Percentage of students who had been told by a doctor or nurse that they had asthma and who still have asthma												No linear change	Not available	Decreased
								12.4	11.2	16.3	12.4			
QN109: Percentage of students who last saw a doctor or nurse for a check-up or physical exam during the past 12 months when they were not sick or injured												Increased, 2009-2013	Not available	Increased
								61.6	63.6	72.4				

\*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.