## **Rhode Island High School Survey** 10-year Trend Analysis Report

**Total Injury and Violence** 

	Healt	h Risk Behavio	r and Percentag	ges	Linear Change <sup>*</sup>	Quadratic Change*	Change from 2015-2017 $^{\dagger}$	
2007	2009	2011	2013	2015	2017			
QN8: Percent driven by som		who rarely or ne	ver wore a seat b	pelt (when riding	; in a car			
13.7	13.1	10.1	5.7	5.9	6.7	Decreased, 2007-2017	No quadratic change	No change
13.7	13.1	10.1	5.7	3.7	0.7	Decreased, 2007-2017	140 quadratic change	110 change
QN9: Percent	tage of students		driver who had	been drinking al		Decreased, 2007-2017	No quadratic change	Decreased
QN9: Percent or other vehic 27.5 QN11: Percent (on at least 1 of	tage of students le, one or more 23.1  ntage of students lay during the 3	who rode with a times during the 21.9	driver who had 30 days before t 20.1	been drinking ald he survey)	cohol (in a car 13.9 her vehicle	, 		

<sup>\*</sup>Based on trend 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.

### Rhode Island High School Survey 10-year Trend Analysis Report

Total **Injury and Violence Health Risk Behavior and Percentages** Linear Change\* **Quadratic Change**\* Change from 2015-2017 <sup>†</sup> 2007 2009 2011 2013 2015 2017 QN13: Percentage of students who carried a weapon on school property (such as a gun, knife, or club, on at least 1 day during the 30 days before the survey) 4.9 4.0 4.0 5.0 4.8 5.1 No linear change No quadratic change No change QN15: Percentage of students who did not go to school because they felt unsafe at school or on their way to or from school (on at least 1 day during the 30 days before the survey) 4.2 7.4 5.9 7.2 6.0 6.9 No linear change No quadratic change No change QN18: Percentage of students who were in a physical fight on school property (one or more times during the 12 months before the survey) 9.6 9.1 7.8 Decreased, 2007-2013 6.3 9.1 10.5 No linear change No change Increased, 2013-2017 QN19: Percentage of students who were ever physically forced to have sexual intercourse (when they did not want to) 10.1 7.1 6.9 8.5 8.1 8.8 No linear change Decreased, 2007-2011 No change

No change, 2011-2017

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

being hit, slammed into something, or injur- during the 12 months before the survey, am someone during the 12 months before the su	to do sexual thing to have sexual in onths before the st 2 months before 8.8  acced physical dating or going out wid with an object cong students who rvey)	gs [counting such tercourse] that the urvey, among stuthe survey)  9.6  ng violence (bein th [counting such or weapon] one of	nt things as hey did not dents who  12.0  ng physically h things as or more times at with	Increased, 2013-2017	Not available <sup>§</sup>	No change
someone they were dating or going out with kissing, touching, or being physically force want to, one or more times during the 12 m dated or went out with someone during the QN22: Percentage of students who experie hurt on purpose by someone they were datin being hit, slammed into something, or injurduring the 12 months before the survey, am someone during the 12 months before the survey.	to do sexual thing to have sexual in onths before the st 2 months before 8.8  acced physical dating or going out wid with an object cong students who rvey)	gs [counting such tercourse] that the urvey, among stuthe survey)  9.6  ng violence (bein th [counting such or weapon] one of	nt things as hey did not dents who  12.0  ng physically h things as or more times at with	Increased, 2013-2017	Not available <sup>§</sup>	No change
QN22: Percentage of students who experie hurt on purpose by someone they were dating being hit, slammed into something, or injurity	8.8  aced physical data g or going out wi d with an object o ong students who rvey)	9.6  ng violence (being the [counting such or weapon] one counting such or weapon] one counting such or weapon]	ng physically h things as or more times it with	Increased, 2013-2017	Not available <sup>§</sup>	No change
hurt on purpose by someone they were dating being hit, slammed into something, or injurduring the 12 months before the survey, am someone during the 12 months before the survey.	g or going out wind with an object of ong students who rvey)	th [counting suclor weapon] one o	h things as or more times at with			
ON23. Percentage of students who were hi						
ON23: Percentage of students who were hi	8.4	8.8	9.0	No linear change	Not available	No change
months before the survey)	llied on school pro	operty (ever duri	ing the 12			
16.3 19.1	18.1	15.5	17.3	No linear change	Not available	No change
QN24: Percentage of students who were el- through texting, Instagram, Facebook, or ot						

<sup>\*</sup>Based on trend 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.

# Rhode Island High School Survey 10-year Trend Analysis Report

Total Injury and Violence

	Healt	h Risk Behavio	r and Percentag	es		Linear Change*	Quadratic Change*	Change from 2015-2017 $^{\dagger}$
2007	2009	2011	2013	2015	2017			
			hopeless (almos ivities, ever durin					
23.6	25.0	24.6	25.8	26.4	29.4	Increased, 2007-2017	No quadratic change	No change
	ntage of students fore the survey)	who seriously o	considered attemp	pting suicide (ev	er during the			
12.1	11.8	12.3	13.9	14.1	15.9	Increased, 2007-2017	No quadratic change	No change
	ntage of students months before t		an about how the	y would attempt	suicide			
11.5	11.3	10.7	9.9	12.1	13.6	No linear change	No change, 2007-2013 Increased, 2013-2017	No change
QN28: Percer		who attempted	suicide (one or n	nore times durin	g the 12			
9.3	7.7	8.7	14.3	10.5	10.5	Increased, 2007-2017	Increased, 2007-2013 Decreased, 2013-2017	No change

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

and Violence	Healt	th Risk Behavio	r and Percenta	ges	Linear Change*	Quadratic Change*	Change from 2015-2017 <sup>†</sup>	
2007	2009	2011	2013	2015	2017			
QN29: Perce poisoning, or before the sur	overdose that ha	s who had a suic ad to be treated b	ide attempt that by a doctor or nu	resulted in an in rse (during the 1	jury, 2 months			
	,			4.1	3.8	No linear change	Not available <sup>§</sup>	No change

<sup>\*</sup>Based on trend 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.

# Rhode Island High School Survey 10-year Trend Analysis Report

Total Tobacco Use

	Healt	h Risk Behavior	and Percentag	es	Linear Change*	Quadratic Change*	Change from 2015-2017 †	
2007	2009	2011	2013	2015	2017	-		
QN30: Perce	ntage of students	who ever tried o	igarette smokin	g (even one or tv	vo puffs)			
43.1	39.4	35.0	29.7	22.4	19.5	Decreased, 2007-2017	No quadratic change	No change
QN32: Perce 30 days befor		who currently s	moked cigarettes	s (on at least 1 de	ay during the			
15.1	13.3	11.4	8.0	4.8	6.1	Decreased, 2007-2017	No quadratic change	No change
		dents who currer before the survey		rettes frequently	(on 20 or			
				rettes frequently	(on 20 or 1.7	Decreased, 2007-2017	No quadratic change	No change
more days du 6.2 QNDAYCIG	ring the 30 days	4.4 students who curr	3.1	1.5	1.7	Decreased, 2007-2017	No quadratic change	No change

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

Total	
Tobacco	Use

	Healtl	h Risk Behavio	r and Percentag	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			
			ore than 10 cigar vey, among stude					
12.0	7.3	8.6	13.0	11.7	18.1	No linear change	No quadratic change	No change
e-cigarettes, e	-cigars, e-pipes,	vape pipes, vapi	an electronic vap ng pens, e-hooka s, eGo, and Halo	ahs, and hookah ])	pens [such as	No linear change	Not available <sup>§</sup>	No change
e-cigarettes, e	-cigars, e-pipes,	vape pipes, vapi	ng pens, e-hooka	ahs, and hookah ])	pens [such as	No linear change	Not available <sup>§</sup>	No change
e-cigarettes, e blu, NJOY, V QN35: Percei	-cigars, e-pipes, use, MarkTen, L	vape pipes, vapi ogic, Vapin Plu who currently t	ng pens, e-hooka s, eGo, and Halo ased an electronic	ahs, and hookah ]) 40.9 c vapor product	pens [such as 40.3 (including	No linear change	Not available <sup>§</sup>	No change
e-cigarettes, e blu, NJOY, V QN35: Percer e-cigarettes, e blu, NJOY, V	cigars, e-pipes, use, MarkTen, L ntage of students -cigars, e-pipes, use, MarkTen, L	vape pipes, vapi ogic, Vapin Plu who currently t vape pipes, vapi	ng pens, e-hooka s, eGo, and Halo	ahs, and hookah ]) 40.9 c vapor product	pens [such as 40.3  (including pens [such as	No linear change	Not available <sup>§</sup>	No change
e-cigarettes, e blu, NJOY, V QN35: Percere-cigarettes, e	cigars, e-pipes, use, MarkTen, L ntage of students -cigars, e-pipes, use, MarkTen, L	vape pipes, vapi ogic, Vapin Plu who currently t vape pipes, vapi	ng pens, e-hooka s, eGo, and Halo ased an electronic ng pens, e-hooka	ahs, and hookah ]) 40.9 c vapor product	pens [such as 40.3  (including pens [such as	No linear change  No linear change	Not available <sup>§</sup> Not available	No change  No change
QN35: Percei e-cigarettes, e blu, NJOY, V QN35: Percei e-cigarettes, e blu, NJOY, V 30 days before	rtage of students -cigars, e-pipes, -cigars, e-pipes, use, MarkTen, L	who currently to vapin Plus who currently to vape pipes, vapin Plus who currently such who currently such curre	ng pens, e-hooka s, eGo, and Halo ased an electronic ng pens, e-hooka s, eGo, and Halo	ahs, and hookah  1)  40.9  c vapor product ahs, and hookah 1, on at least 1 d  19.3	40.3  (including pens [such as ay during the			

<sup>\*</sup>Based on trend 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.

Total		
Tobacco	Use	

	Healt	h Risk Behavio	r and Percentag	ges	Linear Change*	Quadratic Change <sup>*</sup>	Change from 2015-2017 <sup>†</sup>	
2007	2009	2011	2013	2015	2017			
	centage of studen		smoked cigaret	tes or cigars (on	at least 1 day			

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

## **Rhode Island High School Survey** 10-year Trend Analysis Report

Total Alcohol and Other Drug Use

	Healt	h Risk Behavio	r and Percentag	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			
	ntage of students ring their life)	who ever drank	alcohol (at least	one drink of alc	cohol, on at			
				52.5	50.4	No linear change	Not available§	No change
QN41: Percenthan a few sip		who had their f	irst drink of alco	hol before age 1	3 years (other			
21.1	15.8	15.6	13.5	11.4	12.1	Decreased, 2007-2017	Decreased, 2007-2013 No change, 2013-2017	No change
		who currently d	drank alcohol (at	least one drink of	of alcohol, on			
42.9	34.0	34.0	30.9	26.1	23.2	Decreased, 2007-2017	No quadratic change	No change
			t the alcohol the					
			32.2	39.2	38.2	No linear change	Not available	No change

<sup>\*</sup>Based on trend 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.

# **Rhode Island High School Survey** 10-year Trend Analysis Report

**Total Alcohol and Other Drug Use** 

	Healt	h Risk Behavio	r and Percentag	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			
QN46: Perce	ntage of students	who ever used	marijuana (one o	r more times du	ring their life)			
40.3	39.9	40.1	39.5	38.7	36.9	No linear change	No quadratic change	No change
QN47: Perce	ntage of students	who tried marij	uana for the first	time before age	e 13 years			
9.2	8.3	7.1	6.8	6.7	7.1	Decreased, 2007-2017	No quadratic change	No change
QN48: Perce	ntage of students e the survey)	who currently t	used marijuana (d	one or more time	es during the			
23.2	26.3	26.3	23.9	23.6	23.3	No linear change	No quadratic change	No change
			cocaine (any for		cluding			
	t, or freebase, on	e or more times	during their ine)					

<sup>\*</sup>Based on trend 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.

## **Rhode Island High School Survey** 10-year Trend Analysis Report

**Total Alcohol and Other Drug Use** 

	Heal	th Risk Behavio	r and Percentag	Linear Change*	Quadratic Change*	Change from 2015-2017 †		
2007	2009	2011	2013	2015	2017			
QN53: Percei		s who ever used	ecstasy (also cal	led "MDMA," or	e or more			
				5.1	3.9	No linear change	Not available§	No change
	"King Kong," "			ana (also called " n Rocks," one or				
during their li	te)							
during their li	ie)			8.8	6.0	Decreased, 2015-2017	Not available	Decreased
QN55: Perce			steroids without	8.8 a doctor's prescri		Decreased, 2015-2017	Not available	Decreased

<sup>\*</sup>Based on trend 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.

# Rhode Island High School Survey 10-year Trend Analysis Report

Total Sexual Behaviors

	Healt	h Risk Behavio	r and Percentag	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017	-		
QN59: Perce	ntage of students	who ever had se	exual intercourse	·				
45.5	44.2	41.7	37.4	36.7	35.7	Decreased, 2007-2017	No quadratic change	No change
QN60: Percen	ntage of students	who had sexual	intercourse for	the first time bef	Fore age 13			
6.1	5.2	4.9	4.1	2.9	4.1	Decreased, 2007-2017	No quadratic change	No change
QN61: Percentheir life	ntage of students	who had sexual	intercourse with	n four or more po	ersons during			
10.9	11.2	10.5	7.9	7.4	8.1	Decreased, 2007-2017	No quadratic change	No change
		who were curre g the 3 months b			intercourse			
	32.3	29.8	27.0	25.7	25.5	Decreased, 2007-2017	No quadratic change	No change

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

## **Rhode Island High School Survey** 10-year Trend Analysis Report

**Total Sexual Behaviors** 

	Healt	h Risk Behavio	r and Percentag	es		Linear Change*	Quadratic Change*	Change from 2015-2017 $^{\dagger}$
2007	2009	2011	2013	2015	2017			
	ntage of students were currently se		dom during last	sexual intercour	se (among			
66.0	61.2	59.1	67.6	61.4	57.8	No linear change	No quadratic change	No change
			tested for human	immunodeficie	ncy virus			
(N65: Percei	unting tests done	e if they donated	blood) control pills before	13.6	13.5	No linear change	Not available <sup>§</sup>	No change
(HIV) (not con QN65: Percer	unting tests done	e if they donated	blood)	13.6	13.5	No linear change  Increased, 2007-2017	Not available <sup>§</sup> No quadratic change	No change  No change
QN65: Perceiprevent pregna 20.8 QNIUDIMP: implant (such	ntage of students ancy, among students 21.6  Percentage of st as Implanon or 1	who used birth dents who were 26.1 udents who used Nexplanon) before	control pills befo	13.6  ore last sexual in y active) 26.9  s Mirena or Para ercourse (to pre-	13.5 tercourse (to 29.4 Gard) or			

<sup>\*</sup>Based on trend 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.

Total	
Sexual	Behaviors

2009	2011	2012					Change from 2015-2017 †
		2013	2015	2017			
irth control ring	(such as Nuva	Ring) before					
		3.1	4.0	3.7	No linear change	Not available§	No change
oEvra), or birth	control ring (s	ich as Nuval	Ring) before last	sexual			
<sub>F</sub> g, , -		31.1	33.3	36.9	Increased, 2013-2017	Not available	No change
	centage of studer plant (such as Im oEvra), or birth o ent pregnancy, a centage of studer h control pills; a anon); or a shot (	centage of students who used be plant (such as Implanon or Nex oEvra), or birth control ring (such as remaindered programme), among students who used be control pills; an IUD (such as anon); or a shot (such as Depo-	irth control ring (such as NuvaRing) before among students who were currently sexual  3.1  centage of students who used birth control plant (such as Implanon or Nexplanon); or a oEvra), or birth control ring (such as Nuval ent pregnancy, among students who were constructed and students who used both a condor h control pills; an IUD (such as Mirena or I anon); or a shot (such as Depo-Provera), pa	irth control ring (such as NuvaRing) before last sexual interaction among students who were currently sexually active))  3.1 4.0  Sentage of students who used birth control pills; an IUD (suplant (such as Implanon or Nexplanon); or a shot (such as Eoevra), or birth control ring (such as NuvaRing) before last tent pregnancy, among students who were currently sexually 31.1 33.3  Control pills; an IUD (such as Mirena or ParaGard) or impanon); or a shot (such as Depo-Provera), patch (such as Ortical ParaGard) or impanon); or a shot (such as Depo-Provera), patch (such as Ortical ParaGard)	irth control ring (such as NuvaRing) before last sexual intercourse (to among students who were currently sexually active))  3.1 4.0 3.7  Lentage of students who used birth control pills; an IUD (such as Mirena plant (such as Implanon or Nexplanon); or a shot (such as Depo-Provera), oEvra), or birth control ring (such as NuvaRing) before last sexual ent pregnancy, among students who were currently sexually active)	irth control ring (such as NuvaRing) before last sexual intercourse (to among students who were currently sexually active))  3.1 4.0 3.7 No linear change  centage of students who used birth control pills; an IUD (such as Mirena plant (such as Implanon or Nexplanon); or a shot (such as Depo-Provera), ocevra), or birth control ring (such as NuvaRing) before last sexual ent pregnancy, among students who were currently sexually active)  31.1 33.3 36.9 Increased, 2013-2017  centage of students who used both a condom during last sexual h control pills; an IUD (such as Mirena or ParaGard) or implant (such as anon); or a shot (such as Depo-Provera), patch (such as OrthoEvra), or	irth control ring (such as NuvaRing) before last sexual intercourse (to among students who were currently sexually active))  3.1 4.0 3.7 No linear change Not available <sup>§</sup> centage of students who used birth control pills; an IUD (such as Mirena plant (such as Implanon or Nexplanon); or a shot (such as Depo-Provera), oEvra), or birth control ring (such as NuvaRing) before last sexual ent pregnancy, among students who were currently sexually active)  31.1 33.3 36.9 Increased, 2013-2017 Not available  centage of students who used both a condom during last sexual h control pills; an IUD (such as Mirena or ParaGard) or implant (such as anon); or a shot (such as Depo-Provera), patch (such as OrthoEvra), or

<sup>\*</sup>Based on trend 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.

Total Sexual Behaviors	Healt	th Risk Behavio	or and Percenta	Linear Change*	Quadratic Change <sup>*</sup>	Change from 2015-2017 <sup>†</sup>		
2007	2009	2011	2013	2015	2017			
QNBCNOI during last	NE: Percentage of sexual intercourse	students who di (among student	d not use any me s who were curre	ethod to prevent ently sexually ac	pregnancy tive)			
12.2	11.8	11.6	10.0	11.6	11.6	No linear change	No quadratic change	No change

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

Total	
Weight Management	and Dietary Behaviors

	Healt	h Risk Behavio	and Percentag	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 <sup>†</sup>
2007	2009	2011	2013	2015	2017			
	body mass index	ents who were ov x, based on sex-						
16.1	16.5	14.9	16.2	14.7	15.9	No linear change	No quadratic change	No change
		dents who had opecific reference				Increased, 2007-2017	No change, 2007-2013 Increased, 2013-2017	No change
QN69: Percei	ntage of students	who were trying	g to lose weight					
47.8	45.5	46.0	46.1	45.8	49.0	No linear change	No change, 2007-2013 Increased, 2013-2017	No change
	ntage of students he 7 days before	who did not dri the survey)	nk fruit juice (10	00% fruit juices	one or more			
15.8	16.7	16.4	21.1	24.3	27.5	Increased, 2007-2017	No change, 2007-2011 Increased, 2011-2017	No change
QN71: Percei before the sur		who did not eat	fruit (one or mo	re times during	the 7 days			
14.2	12.8	12.5	12.4	12.5	15.2	No linear change	Decreased, 2007-2013 Increased, 2013-2017	No change

<sup>\*</sup>Based on trend 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. In addition, beginning in 2017, new, slightly different ranges were used to calculate biologically implausible responses to height and weight questions.

## Rhode Island High School Survey 10-year Trend Analysis Report

	Healt	h Risk Behavio	r and Percentag	ges	Linear Change*	Quadratic Change*	Change from 2015-2017 †	
2007	2009	2011	2013	2015	2017			
	centage of studer apple juice, or g				es (such as			
5.2	5.4	5.0	5.1	6.4	7.8	Increased, 2007-2017	No change, 2007-2013 Increased, 2013-2017	No change
QNFR1: Pero per day (such survey)	centage of studer as orange juice,	nts who ate fruit apple juice, or g	or drank 100% f grape juice, durin	ruit juices one og the 7 days before	r more times fore the			
59.9	64.8	63.5	61.9	60.5	57.9	No linear change	Increased, 2007-2011 Decreased, 2011-2017	No change
	centage of studer as orange juice,							
30.9	34.9	34.1	32.6	29.6	27.6	Decreased, 2007-2017	Increased, 2007-2011 Decreased, 2011-2017	No change

16.7

21.9

21.1

16.5

20.9

23.2

No change, 2007-2011 Decreased, 2011-2017

Decreased, 2007-2017

No change

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

# Rhode Island High School Survey 10-year Trend Analysis Report

**Total Weight Management and Dietary Behaviors** 

	Healt	h Risk Behavio	r and Percentag	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			
QN72: Perce		who did not eat	green salad (one	e or more times	during the 7			
28.7	35.9	33.9	34.8	40.2	40.5	Increased, 2007-2017	No quadratic change	No change
QN73: Perce		who did not eat	potatoes (one or	r more times dur	ing the 7 days			
25.9	28.4	28.1	28.3	35.4	38.1	Increased, 2007-2017	No change, 2007-2013 Increased, 2013-2017	No change
QN74: Perce		who did not eat	carrots (one or i	more times durir	ng the 7 days			
46.7	47.4	48.4	46.4	50.2	51.6	No linear change	No quadratic change	No change
	ntage of students fore the survey)	who did not eat	other vegetable	s (one or more ti	mes during			
	18.7	16.6	17.5	20.4	21.4	No linear change	No quadratic change	No change

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

	Healt	h Risk Behavio	r and Percenta	ges		Linear Change <sup>*</sup>	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			
[excluding Fr				(green salad, pot s, or other veget				
5.3	6.1	5.3	6.2	7.1	8.5	Increased, 2007-2017	No quadratic change	No change
		1 , 1 ,	. 11		,			
salad, potatoe vegetables, di	s [excluding Fre uring the 7 days]	nch fries, fried p before the surve	ootatoes, or potat y)	more times per d to chips], carrots	, or other			
salad, potatoe	s [excluding Fre	nch fries, fried p	otatoes, or potat			Decreased, 2007-2017	No quadratic change	No change
salad, potatoe vegetables, di 65.0 QNVEG2: Posalad, potatoe	s [excluding Freuring the 7 days] 63.1 ercentage of stud	nch fries, fried p before the surve 64.7 dents who ate ve nch fries, fried p	otatoes, or potaty) 63.9 getables two or potatoes, or potato	to chips], carrots	57.6 ay (green	Decreased, 2007-2017	No quadratic change	No change
salad, potatoe vegetables, di 65.0 QNVEG2: Posalad, potatoe	s [excluding Fre aring the 7 days] 63.1 ercentage of stud s [excluding Fre	nch fries, fried p before the surve 64.7 dents who ate ve nch fries, fried p	otatoes, or potaty) 63.9 getables two or potatoes, or potato	58.6	57.6 ay (green	Decreased, 2007-2017  No linear change	No quadratic change  No quadratic change	No change
salad, potatoe vegetables, di 65.0 QNVEG2: Posalad, potatoe vegetables, di 26.8 QNVEG3: Posalad, potatoe	s [excluding Freuring the 7 days] 63.1 ercentage of studies [excluding Freuring the 7 days] 27.9 ercentage of studies	heh fries, fried perfore the survered 64.7  Hents who ate vernch fries, fried perfore the survered fries, fried perfore the survered fries, fried perfore the survered fries, fried performance fries fried performance fried perform	getables two or potately) 63.9 getables two or potately) 28.6 getables three or potately, or potately	58.6 more times per d to chips], carrots	57.6 ay (green, or other 24.8 day (green	,		

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

	Healt	h Risk Behavio	r and Percentag		Linear Change*	Quadratic Change*	Change from 2015-2017 †	
2007	2009	2011	2013	2015	2017			
QN76: Perce as Coke, Peps survey)	ntage of students i, or Sprite, not o	s who did not dri counting diet soo	nk a can, bottle, la or diet pop, du	or glass of soda aring the 7 days	or pop (such before the			
22.3	24.1	23.4	29.5	34.4	34.9	Increased, 2007-2017	No quadratic change	No change
UNDUDAI.	Percentage of stu	idents who dran	k a can, bottle, o	r glass of soda o	r pop one or			
more times pe the 7 days bef	er day (such as Core the survey)	oke, Pepsi, or S	prite, not countir	r glass of soda o ng diet soda or di	et pop, during			
more times pe	er day (such as C					Decreased, 2007-2017	No quadratic change	No change
more times pethe 7 days bef 25.2  QNSODA2: more times pe	er day (such as Core the survey) 21.2 Percentage of stu	oke, Pepsi, or Sp 20.2 adents who dran	17.4 k a can, bottle, o	ng diet soda or di	11.4	Decreased, 2007-2017	No quadratic change	No change
more times pethe 7 days bef 25.2  QNSODA2: more times pe	er day (such as Core the survey) 21.2  Percentage of ster day (such as Core	oke, Pepsi, or Sp 20.2 adents who dran	17.4 k a can, bottle, o	12.6	11.4	Decreased, 2007-2017  Decreased, 2007-2017	No quadratic change  No quadratic change	No change
more times pethe 7 days bef 25.2  QNSODA2: more times pethe 7 days bef 17.6  QNSODA3: more times pethe 7 days bef 17.6	Percentage of strore the survey)  21.2  Percentage of strore day (such as Core the survey)  14.9  Percentage of strong the survey of the survey)	20.2  Idents who dran oke, Pepsi, or Spaniers, or Spanier	17.4  k a can, bottle, o prite, not counting  10.7  k a can, bottle, o k a can, bottle, o	12.6  r glass of soda or dig diet soda or dig	11.4  r pop two or let pop, during  8.0  r pop three or	,		

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

## **Rhode Island High School Survey** 10-year Trend Analysis Report

**Total Physical Activity** 

	Healt	h Risk Behavio	r and Percentag	res		Linear Change*	Quadratic Change*	Change from 2015-2017 <sup>†</sup>
2007	2009	2011	2013	2015	2017			
or more days	ntage of students (in any kind of p some of the time	hysical activity t	hat increased the	eir heart rate and				
		46.7	44.9	43.7	41.3	Decreased, 2011-2017	Not available§	No change
QNPA7DAY	: Percentage of some of the time	12.1 students who we hysical activity t	12.8 re physically action hat increased the	16.0  ive at least 60 m ir heart rate and	16.5	Increased, 2011-2017	Not available	No change
neame naru s	some of the time	26.7	23.2	20.3	23.2	No linear change	Not available	No change
QN80: Perce	ntage of students ol day)	who watched te	levision 3 or mo	re hours per day	(on an			
27.4	29.1	28.0	27.1	22.2	21.4	Decreased, 2007-2017	No change, 2007-2013 Decreased, 2013-2017	No change

<sup>\*</sup>Based on trend 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.

	Healt	h Risk Behavio	r and Percentag	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			
more hours p	entage of students er day (counting	time spent on the	ings such as Xbo	x, PlayStation, a	an iPad or			
	smartphone, tex that was not sch			oook, or other so day)	cial media,			
					cial media, 43.4	Increased, 2007-2017	No quadratic change	No change
for something 26.4  QN82: Perce	g that was not sch	28.4 s who attended p	average school 38.5	40.0	43.4	Increased, 2007-2017	No quadratic change	No change
for something 26.4  QN82: Perce	g that was not sch 27.8 entage of students	28.4 s who attended p	average school 38.5	40.0	43.4	Increased, 2007-2017  Decreased, 2007-2017	No quadratic change  No quadratic change	No change
for something 26.4 QN82: Perce days (in an av 78.6 QNDLYPE:	27.8 entage of students/verage week whe	s who attended p n they were in so 78.3	average school 38.5  hysical educatio chool)  76.9  ded physical edu	40.0 n (PE) classes or 73.2	43.4 n 1 or more 70.3	,		

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

## **Rhode Island High School Survey** 10-year Trend Analysis Report

**Total** Other

	Healt	h Risk Behavio	r and Percentag	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017	-		
QN86: Percer			tist (for a check-	ıp, exam, teeth o	cleaning, or			
	ork, during the	2 monus beror	c the survey)					
	ork, during the	12 months before	77.3	78.0	79.4	No linear change	Not available§	No change
QNNODNT:		udents who neve	· ·			No linear change	Not available <sup>8</sup>	No change
QNNODNT:	Percentage of st	udents who neve	77.3			No linear change	Not available <sup>8</sup>	No change
QNNODNT: cleaning, or of QN89: Percer	Percentage of st ther dental work	udents who neve	77.3 er saw a dentist (	for a check-up, o	exam, teeth 2.0			

<sup>\*</sup>Based on trend 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.

## **Rhode Island High School Survey** 10-year Trend Analysis Report

**Total** Site-Added

ieu	Healt	h Risk Behavior	r and Percentag	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017	-		
	ntage of students onths or more)	who have physi	ical disabilities o	r long-term heal	th problems			
11.2	9.9	12.2	8.5	8.7	8.6	Decreased, 2007-2017	No quadratic change	No change
QN91: Percer disabilities (m	ntage of students leaning 6 months	s who have long- s or more)	term emotional j	problems or lear	ning			
12.9	12.1	14.9	12.4	13.8	15.2	No linear change	No quadratic change	No change
QN97: Percer	ntage of students	who live with s	omeone who sm	okes cigarettes				
			33.6	32.4	32.9	No linear change	Not available <sup>§</sup>	No change
		who tried to qui 2 months before	it smoking cigare the survey)	ettes (among stu	dents who			
57.8	46.7	48.7	38.5	57.6	59.4	No linear change	Decreased, 2007-2013 Increased, 2013-2017	No change

<sup>\*</sup>Based on trend 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.

## **Rhode Island High School Survey** 10-year Trend Analysis Report

**Total** Site-Added

	Healt	h Risk Behavio	r and Percentag	ges	Linear Change <sup>*</sup>	Quadratic Change*	Change from 2015-2017 †	
2007	2009	2011	2013	2015	2017	-		
prescription (s		tin, Percocet, Vio	prescription dru codin, codeine, A					
		1.4.1	10.5	11.6	7.2	D 1 2011 2015	NT 4	Decreased
prescription (s	such as OxyCon		took a prescripticodin, codeine, A se survey)		a doctor's	Decreased, 2011-2017	Not available <sup>§</sup>	Decreased
prescription (some or more to	such as OxyCon mes during the 2	ts who currently tin, Percocet, Vio 30 days before the	took a prescripticodin, codeine, A le survey)	ion drug without Adderall, Ritalin, 6.4	a doctor's or Xanax,	Decreased, 2011-2017  Decreased, 2015-2017	Not available  Not available	Decreased
prescription (some or more to	such as OxyCon mes during the 2	ts who currently tin, Percocet, Vio 30 days before th	took a prescripticodin, codeine, Ale survey)	ion drug without Adderall, Ritalin, 6.4 ounter drugs to g	a doctor's or Xanax,  3.6  get high (one	Decreased, 2015-2017	Not available	Decreased
prescription (some or more to	such as OxyCon mes during the 2	ts who currently tin, Percocet, Vio 30 days before the	took a prescripticodin, codeine, A le survey)	ion drug without Adderall, Ritalin, 6.4	a doctor's or Xanax,			
One or more times  QN106: Percor more times  QN109: Perc	entage of studen during the 30 de	ts who currently tin, Percocet, Vid 30 days before the ts who currently ays before the su	took a prescripticodin, codeine, Aste survey)  took over-the-corvey)  5.3  their teeth or mo	ion drug without Adderall, Ritalin, 6.4 Dunter drugs to g	a doctor's or Xanax, 3.6 get high (one 4.6	Decreased, 2015-2017	Not available	Decreased

<sup>\*</sup>Based on trend 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.

## **Rhode Island High School Survey** 10-year Trend Analysis Report

**Total** Site-Added

	Healt	h Risk Behavio	r and Percentag	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			
			es, most of the tire teeth or mouth (					
			16.7	17.7	21.1	Increased, 2013-2017	Not available§	Increased
						,		
papillomaviru	is or HPV infect		the HPV vaccine the cervical cancer					
	is or HPV infect		the HPV vaccine			No linear change	Not available	No change
papillomaviru GARDASIL) QN112: Perc	entage of studen	ion (also called t	the HPV vaccine	48.5	shot, or 48.0 efits of not	·	Not available	No change
papillomaviru GARDASIL) QN112: Perc	entage of studen	ion (also called t	the HPV vaccinche cervical cancer	48.5	shot, or 48.0 efits of not	·	Not available  Not available	No change  No change
papillomaviru GARDASIL) QN112: Perc having sexual	entage of studen intercourse to p	ion (also called t	the HPV vaccinche cervical cancer	48.5  If about the beneansmitted diseas  82.1	shot, or 48.0 efits of not es (STDs) 76.6	No linear change		

<sup>\*</sup>Based on trend 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.

Total	
Site-A	dded

led	Healt	h Risk Behavio	r and Percenta	ges		Linear Change*	Quadratic Change <sup>*</sup>	Change from 2015-2017 <sup>†</sup>
2007	2009	2011	2013	2015	2017			
QN115: Perc	entage of studen nat they can talk	ts who reported to if they have a	there is at least of	one teacher or ot	her adult in			
	,		F	72.3	70.8	No linear change	No change	

<sup>\*</sup>Based on trend 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.

## **Rhode Island High School Survey** 10-year Trend Analysis Report

Male **Injury and Violence** 

	Healt	n Risk Behavior	r and Percentag	ges		Linear Change <sup>*</sup>	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			
QN8: Percen driven by son	tage of students v	who rarely or ne	ver wore a seat b	elt (when riding	in a car			
16.5	16.0	12.4	7.3	7.6	8.6	Decreased, 2007-2017	No quadratic change	No change
	tage of students vele, one or more t				cohol (in a car			
28.5	22.0	22.3	19.2	15.9	15.2	Decreased, 2007-2017	No quadratic change	No change
on at least 1	ntage of students day during the 30 dele during the 30	days before the	survey, among					
or other vehic			40.6	46.0	41.3	No linear change	Not available§	3.7 1
or other vehic			40.6	40.0	41.5	No linear change	Not available	No change
QN13: Perce	ntage of students , on at least 1 day		veapon on school	l property (such		No finear change	Not available	No change

<sup>\*</sup>Based on trend 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.

## **Rhode Island High School Survey** 10-year Trend Analysis Report

Male Injury

	Healt	h Risk Behavio	r and Percentag	es	Linear Change*	Quadratic Change <sup>*</sup>	Change from 2015-2017 <sup>†</sup>	
2007	2009	2011	2013	2015	2017			
			to school becausely during the 30 c					
4.4	6.9	5.7	6.9	6.7	5.6	No linear change	No change, 2007-2013 No change, 2013-2017	No change
		who were in a properties of the survey)	physical fight on	school property	(one or more			
13.2	11.7	10.2	8.0	11.1	12.7	No linear change	Decreased, 2007-2013 Increased, 2013-2017	No change
QN19: Percer (when they die		who were ever	physically forced	d to have sexual	intercourse			
7.9	5.3	5.2	7.0	6.4	7.6	No linear change	Decreased, 2007-2011 No change, 2011-2017	No change
someone they kissing, touch want to, one o	were dating or g ing, or being phy r more times du	soing out with to visically forced to ring the 12 mont	ed sexual dating do sexual things have sexual into hs before the sur months before the	s [counting such ercourse] that the vey, among stud	things as sey did not	No linear change	Not available <sup>§</sup>	No change

<sup>\*</sup>Based on trend 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.

nd Violence	Healt	h Risk Behavio	r and Percenta	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			
hurt on purpo being hit, slar during the 12	entage of students see by someone the mmed into somethe months before the ing the 12 month	hey were dating thing, or injured he survey, amon	or going out with with an object of g students who d	h [counting such r weapon] one o	things as r more times			
			7.3	7.9	7.9	No linear change	Not available§	No change
QN23: Perce	entage of students e the survey)	s who were bulli	ed on school pro	perty (ever duri	ng the 12			
	15.3	17.6	15.6	15.0	14.9	No linear change	Not available	No change
QN24: Perce through textin before the sur	entage of students ng, Instagram, Fa rvey)	s who were elect acebook, or other	ronically bullied social media, e	(counting being ver during the 12	g bullied 2 months			
		10.1	9.3	9.5	10.5	No linear change	Not available	No change
QN25: Perce row so that th survey)	entage of students aey stopped doing	s who felt sad or g some usual act	hopeless (almos vities, ever duri	at every day for and the 12 month	>=2 weeks in a s before the			
17.8	20.3	17.6	16.5	17.2	20.7	No linear change	No quadratic change	No change

<sup>\*</sup>Based on trend 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.

## **Rhode Island High School Survey** 10-year Trend Analysis Report

Male **Injury and Violence** 

	Healtl	n Risk Behavio	r and Percentag	ges		Linear Change* Quadratic Change*					
2007	2009	2011	2013	2015	2017						
QN26: Percer 2 months bet	ntage of students Fore the survey)	who seriously o	considered attem	pting suicide (ev	er during the						
9.4	9.0	10.1	9.5	8.9	11.7	No linear change	No quadratic change	No change			
	ntage of students months before t		an about how the	y would attempt	suicide						
9.5	9.8	8.8	6.9	8.4	10.5	No linear change	No change, 2007-2013 Increased, 2013-2017	No change			
QN28: Percent	ntage of students the survey)	who attempted	suicide (one or n	nore times durin	g the 12						
8.2	7.1	9.1	14.1	8.3	9.4	Increased, 2007-2017	Increased, 2007-2013 Decreased, 2013-2017	No change			
	ntage of students overdose that had vey)										
				3.8	3.5	No linear change	Not available§	No change			

<sup>\*</sup>Based on trend 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.

# Rhode Island High School Survey 10-year Trend Analysis Report

Male Tobacco Use

	Healt	h Risk Behavio	r and Percentag	es		Linear Change*	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			
QN30: Perce	ntage of students	who ever tried	cigarette smokin	g (even one or tv	wo puffs)			
43.4	39.9	37.1	30.5	24.4	20.6	Decreased, 2007-2017	No quadratic change	No change
QN32: Perce 30 days befor	ntage of students e the survey)	who currently s	moked cigarettes	s (on at least 1 d	ay during the			
16.4	13.3	13.3	8.0	5.0	6.6	Decreased, 2007-2017	No quadratic change	No change
	Percentage of sturing the 30 days			rettes frequently	(on 20 or			
7.7	5.6	5.6	3.7	1.4	1.3	Decreased, 2007-2017	No quadratic change	No change
				annettas daily (a	n all 30 days			
	: Percentage of s days before the s		rently smoked cı	garettes daily (o	ii aii 30 days			

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

## **Rhode Island High School Survey** 10-year Trend Analysis Report

Male **Tobacco Use** 

Health Risk Behavior and Percentages						Linear Change*	Quadratic Change*	Change from 2015-2017 $^\dagger$
2007	2009	2011	2013	2015	2017			
e-cigarettes, e	-cigars, e-pipes,	vape pipes, vap	an electronic var ing pens, e-hooka s, eGo, and Halo	hs, and hookah				
				42.3	41.1	No linear change	Not available§	No change
e-cigarettes, e blu, NJOY, V	-cigars, e-pipes,	vape pipes, vap	nsed an electronions ong pens, e-hooka s, eGo, and Halo	hs, and hookah	pens [such as			
e-cigarettes, e blu, NJOY, V 30 days befor	e-cigars, e-pipes, use, MarkTen, I e the survey)	vape pipes, vap Logic, Vapin Plu	ing pens, e-hooka s, eGo, and Halo	ahs, and hookah], on at least 1 d	pens [such as ay during the 22.3	No linear change	Not available	No change
e-cigarettes, eblu, NJOY, V 30 days befor QN38: Perce	e-cigars, e-pipes, use, MarkTen, I e the survey)	vape pipes, vap .ogic, Vapin Plu s who currently s	ing pens, e-hooka s, eGo, and Halo smoked cigars (c	ahs, and hookah], on at least 1 d	pens [such as ay during the 22.3	No linear change	Not available	No change
e-cigarettes, eblu, NJOY, V30 days befor QN38: Perce	e-cigars, e-pipes, fuse, MarkTen, I e the survey) ntage of students	vape pipes, vap .ogic, Vapin Plu s who currently s	ing pens, e-hooka s, eGo, and Halo smoked cigars (c	ahs, and hookah], on at least 1 d	pens [such as ay during the 22.3	No linear change  Decreased, 2007-2017	Not available  No quadratic change	No change
e-cigarettes, eblu, NJOY, V 30 days befor  QN38: Perce cigars, on at 1 19.6  QNTB2: Perce	e-cigars, e-pipes, use, MarkTen, I e the survey) ntage of students east 1 day during 15.3	vape pipes, vap. ogic, Vapin Plu s who currently s the 30 days bef 19.1	ang pens, e-hooka s, eGo, and Halo smoked cigars (coor the survey)	ths, and hookah ], on at least 1 d 20.2 gars, cigarillos, 11.7	pens [such as ay during the 22.3 or little 10.0			

<sup>\*</sup>Based on trend 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.

# **Rhode Island High School Survey** 10-year Trend Analysis Report

Male Alcohol

their life)		2013  alcohol (at lease	2015 t one drink of alc 47.1	45.4	No linear change	Not available <sup>8</sup>	No change
their life)			47.1	45.4	No linear change	Not available <sup>8</sup>	No change
of students	who had their fi	irst drink of alco			No linear change	Not available <sup>§</sup>	No change
of students	who had their fi	irst drink of alco	hol before age 1	2 reases (ather:			
			mor before age 1	5 years (omer			
16.8	16.7	15.7	12.4	12.5	Decreased, 2007-2017	Decreased, 2007-2011 Decreased, 2011-2017	No change
			least one drink	of alcohol, on			
32.2	32.6	29.2	22.3	20.2	Decreased, 2007-2017	No quadratic change	No change
		among students	who currently d	rank alcohol)		N. 111	No change
٤	g the 30 day 32.2 of students	g the 30 days before the sur 32.2 32.6 of students who usually go	g the 30 days before the survey) 32.2 32.6 29.2  of students who usually got the alcohol the	g the 30 days before the survey) 32.2 32.6 29.2 22.3  of students who usually got the alcohol they drank by some 30 days before the survey, among students who currently d	32.2 32.6 29.2 22.3 20.2 of students who usually got the alcohol they drank by someone giving it 30 days before the survey, among students who currently drank alcohol)	g the 30 days before the survey) 32.2 32.6 29.2 22.3 20.2 Decreased, 2007-2017 of students who usually got the alcohol they drank by someone giving it 30 days before the survey, among students who currently drank alcohol)	of students who currently drank alcohol (at least one drink of alcohol, on a the 30 days before the survey)  32.2 32.6 29.2 22.3 20.2 Decreased, 2007-2017 No quadratic change of students who usually got the alcohol they drank by someone giving it 30 days before the survey, among students who currently drank alcohol)

<sup>\*</sup>Based on trend 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.

## **Rhode Island High School Survey** 10-year Trend Analysis Report

Male **Alcohol and Other Drug Use** 

	Healt	h Risk Behavio	r and Percentag	Linear Change*	Quadratic Change*	Change from 2015-2017 †		
2007	2009	2011	2013	2015	2017			
QN46: Perce	ntage of students	s who ever used	marijuana (one o	or more times du	ring their life)			
43.9	42.9	44.1	40.8	37.8	36.0	Decreased, 2007-2017	No quadratic change	No change
QN47: Perce	ntage of students	who tried marij	uana for the firs	t time before age	e 13 years			
13.0	10.1	9.3	9.1	8.1	7.6	Decreased, 2007-2017	No quadratic change	No change
QN48: Perce		s who currently u	ısed marijuana (	one or more time	es during the	-		
26.8	29.6	30.0	25.1	24.3	22.6	Decreased, 2007-2017	No quadratic change	No change
		s who ever used e or more times		m of cocaine, inc	cluding			
7.4	6.8	7.7	5.1	6.0	5.8	Decreased, 2007-2017	No quadratic change	No change
	ntage of students		heroin (also calle	ed "smack," "jun	ık," or "China			
				5.3	5.1	No linear change	Not available§	No change

<sup>\*</sup>Based on trend 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.

### Rhode Island High School Survey 10-year Trend Analysis Report

Alcohol and Other Drug Use **Health Risk Behavior and Percentages** Linear Change\* **Quadratic Change**\* Change from 2015-2017 <sup>†</sup> 2007 2009 2011 2013 2015 2017 QN53: Percentage of students who ever used ecstasy (also called "MDMA," one or more times during their life) 6.1 5.1 No linear change Not available§ No change

5.1

QN54: Percentage of students who ever used synthetic marijuana (also called "K2," "Spice," "fake weed," "King Kong," "Yucatan Fire," "Skunk," or "Moon Rocks," one or more times during their life)

9.2 6.7 Decreased, 2015-2017

Not available

Decreased

QN55: Percentage of students who ever took steroids without a doctor's prescription (pills or shots, one or more times during their life)

5.5 No linear change

Not available

No change

Male

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

 $<sup>^{\</sup>dagger}$ Based on t-test analysis, p < 0.05.

Not enough years of data to calculate.

# Rhode Island High School Survey 10-year Trend Analysis Report

Male Sexual Behaviors

	Healt	h Risk Behavio	r and Percentag	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 <sup>†</sup>
2007	2009	2011	2013	2015	2017			
QN59: Perce	ntage of students	s who ever had se	exual intercourse	<b>.</b>				
50.1	45.6	45.4	37.7	37.0	38.1	Decreased, 2007-2017	No quadratic change	No change
QN60: Perce	ntage of students	s who had sexual	intercourse for	the first time bef	fore age 13			
10.3	8.0	8.0	6.2	4.4	5.6	Decreased, 2007-2017	No quadratic change	No change
QN61: Perce their life	ntage of students	s who had sexual	intercourse with	n four or more p	ersons during			
14.6	13.7	13.9	10.1	8.8	9.8	Decreased, 2007-2017	No quadratic change	No change
		s who were curre g the 3 months b			intercourse			
with at least o								

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

### **Rhode Island High School Survey** 10-year Trend Analysis Report

Male **Sexual Behaviors** 

	Healt	h Risk Behavio	r and Percentag	es		Linear Change*	Quadratic Change*	Change from 2015-2017 <sup>†</sup>
2007	2009	2011	2013	2015	2017	-		
	ntage of students were currently s	s who used a con exually active)	dom during last	sexual intercour	se (among			
70.9	68.2	63.7	71.0	66.3	62.0	No linear change	No quadratic change	No change
		s who were ever e if they donated		immunodeficie	ncy virus			
(HIV) (not co	unting tests don		blood) control pills before	14.8	14.1	No linear change	Not available <sup>§</sup>	No change
(HIV) (not co	unting tests don	e if they donated	blood) control pills before	14.8	14.1	No linear change  Increased, 2007-2017	Not available <sup>§</sup> No quadratic change	No change  No change
QN65: Perce prevent pregn 16.3  QNIUDIMP: implant (such	ntage of students ancy, among stu 17.1 Percentage of s as Implanon or	s who used birth dents who were	control pills beforeurrently sexuall 20.0  I an IUD (such a pre last sexual interest)	ore last sexual in y active) 28.8  S Mirena or Para ercourse (to pre	14.1 attercourse (to 20.8 aGard) or			

<sup>\*</sup>Based on trend 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.

Male	
Sexual	<b>Behaviors</b>

	Healt	th Risk Behavio	r and Percenta	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 <sup>†</sup>
2007	2009	2011	2013	2015	2017			
as OrthoEvra	: Percentage of ), or birth contro nancy, among stu	l ring (such as N	uvaRing) before	last sexual inter				
			1.8	2.2	5.0	No linear change	Not available§	No change
	: Percentage of							
or ParaGard) patch (such a	or implant (such s OrthoEvra), or	as Implanon or birth control rin	Nexplanon); or g (such as Nuval	a shot (such as E Ring) before last	Depo-Provera), t sexual			
or ParaGard) patch (such a	or implant (such	as Implanon or birth control rin	Nexplanon); or g (such as Nuval	a shot (such as E Ring) before last	Depo-Provera), t sexual	Increased, 2013-2017	Not available	No change

<sup>\*</sup>Based on trend 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.

Behaviors	Healt	th Risk Behavio	r and Percenta	ges		Linear Change <sup>*</sup>	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			
QNBCNONE during last se	: Percentage of xual intercourse	students who die (among students	d not use any me	ethod to prevent ently sexually ac	pregnancy tive)			
11.2	10.5	10.9	6.9	8.6	12.2	No linear change	No quadratic change	No change

### Rhode Island High School Survey 10-year Trend Analysis Report

**Weight Management and Dietary Behaviors Health Risk Behavior and Percentages** Linear Change\* **Quadratic Change**\* Change from 2015-2017 2007 2009 2011 2013 2015 2017 ONOWT: Percentage of students who were overweight (>= 85th percentile but <95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts)§ 16.2 16.4 14.9 15.6 15.2 14.9 No linear change No quadratic change No change ONOBESE: Percentage of students who had obesity (>= 95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts)§ 13.7 12.3 13.2 13.3 16.2 17.3 Increased, 2007-2017 No quadratic change No change

39.6

26.6

18.9

Increased, 2007-2017

Increased, 2007-2017

No linear change

No change, 2007-2013

Increased, 2013-2017

No change, 2007-2011

Increased, 2011-2017

Decreased, 2007-2013

Increased, 2013-2017

No change

No change

No change

QN70: Percentage of students who did not drink fruit juice (100% fruit juices one or more

QN71: Percentage of students who did not eat fruit (one or more times during the 7 days

QN69: Percentage of students who were trying to lose weight

32.9

15.1

14.4

32.0

19.8

13.1

30.5

times during the 7 days before the survey)

16.6

14.5

 $^{\dagger}$ Based on t-test analysis, p < 0.05.

32.1

16.8

before the survey)
16.7

Male

33.8

24.3

14.9

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

<sup>&</sup>lt;sup>8</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. In addition, beginning in 2017, new, slightly different ranges were used to calculate biologically implausible responses to height and weight questions.

	Healt	h Risk Behavio	r and Percentag	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			
	centage of studen apple juice, or gr				s (such as			
6.6	6.7	6.0	6.0	7.8	9.6	No linear change	No change, 2007-2013 Increased, 2013-2017	No change
	centage of studen as orange juice,							
	65.9	64.0	61.3	61.1	57.4	No linear change	Increased, 2007-2011	No change
58.9	35.5						Decreased, 2011-2017	
QNFR2: Perc	centage of studen as orange juice,						Decreased, 2011-201/	

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

### Rhode Island High School Survey 10-year Trend Analysis Report

**Weight Management and Dietary Behaviors Health Risk Behavior and Percentages** Linear Change\* **Quadratic Change**\* Change from 2015-2017 <sup>†</sup> 2007 2009 2011 2013 2015 2017 QN72: Percentage of students who did not eat green salad (one or more times during the 7 days before the survey) 32.5 40.9 38.8 41.9 48.0 43.8 Increased, 2007-2017 No quadratic change No change QN73: Percentage of students who did not eat potatoes (one or more times during the 7 days before the survey) 24.4 27.7 26.5 27.6 35.1 33.8 Increased, 2007-2017 No quadratic change No change

50.6

23.1

No linear change

No linear change

No quadratic change

No quadratic change

No change

No change

49.2

23.8

QN74: Percentage of students who did not eat carrots (one or more times during the 7 days

QN75: Percentage of students who did not eat other vegetables (one or more times during

44.6

20.0

48.5

18.6

Male

before the survey) 47.2

20.0

the 7 days before the survey)

47.4

20.8

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

Management a	and Dietary Beh	aviors						
	Healt	h Risk Behavio	r and Percenta	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 $^{\dagger}$
2007	2009	2011	2013	2015	2017			
[excluding Fr	ercentage of stud ench fries, fried fore the survey)							
7.2	7.8	6.8	7.2	8.6	10.2	No linear change	No quadratic change	No change
salad, potatoe	ercentage of studes [excluding Freuring the 7 days leads 1.2	nch fries, fried p	otatoes, or potat	nore times per de to chips], carrots	ay (green , or other 57.3	Decreased, 2007-2017	No quadratic change	No change
salad, potatoe	ercentage of studes [excluding Freuring the 7 days l	nch fries, fried p	otatoes, or potat	more times per d	ay (green , or other			
25.8	28.4	28.5	25.5	25.4	26.5	No linear change	No quadratic change	No change
salad, potatoe	ercentage of studes [excluding Freuring the 7 days l	nch fries, fried p	otatoes, or potat					

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

	Healt	h Risk Behavio	r and Percenta	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			
				or glass of soda uring the 7 days				
17.6	20.0	17.9	21.7	29.5	29.9	Increased, 2007-2017	No quadratic change	No change
	D . C .	1 4 1 1	1 441	1 C 1				
more times per the 7 days bef	er day (such as Core the survey)	oke, Pepsi, or S	prite, not countin	or glass of soda o ng diet soda or di	et pop, during			
more times pe	er day (such as C					Decreased, 2007-2017	No quadratic change	No change
more times pe the 7 days bef 30.1 QNSODA2: more times pe	er day (such as Core the survey) 25.1 Percentage of stu	25.2  Idents who dran	20.2  k a can, bottle, o	ng diet soda or di	13.2	Decreased, 2007-2017	No quadratic change	No change
more times pe the 7 days bef 30.1 QNSODA2: more times pe	er day (such as Core the survey)  25.1  Percentage of ster day (such as C	25.2  Idents who dran	20.2  k a can, bottle, o	15.6 or glass of soda o	13.2	Decreased, 2007-2017  Decreased, 2007-2017	No quadratic change  No quadratic change	No change  No change
more times per the 7 days bef 30.1  QNSODA2: more times per the 7 days bef 21.2  QNSODA3: more times per t	Percentage of street day (such as Coore the survey)  25.1  Percentage of street day (such as Coore the survey)  18.1  Percentage of street day (such as Coore the survey)	25.2  Idents who dran loke, Pepsi, or S  17.5  Idents who dran	20.2  k a can, bottle, oprite, not counting  12.3  k a can, bottle, oprite, not counting	15.6 or glass of soda or dig diet soda or dig	13.2  r pop two or et pop, during  9.2  r pop three or			

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

### **Rhode Island High School Survey** 10-year Trend Analysis Report

Male Physica

	Healt	h Risk Behavio	r and Percentag	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 $^{\dagger}$
2007	2009	2011	2013	2015	2017	•		
or more days	entage of students (in any kind of p some of the time	hysical activity	that increased the	eir heart rate and				
		55.1	50.9	52.2	49.4	No linear change	Not available§	No change
physical activ	: Percentage of string on at least 1 or them breathe has	day (in any kind	of physical activ	ity that increase	d their heart			
physical activ		day (in any kind	of physical activ	ity that increase	d their heart	Increased, 2011-2017	Not available	No change
physical activerate and made QNPA7DAY on all 7 days	rity on at least 1 or them breathe have them breathe have them breathe have them breather the breather them breather the breather them breather the breather them breather them breather them breather them breather them breather them breather the breather them breather the breather them breather the breather the breather them breather the	day (in any kind and some of the table 10.5  students who we hysical activity table 10.5	of physical activime during the 7 10.1 re physically act	rity that increase days before the 14.4 ive at least 60 meir heart rate and	d their heart survey) 13.9 inutes per day	Increased, 2011-2017	Not available	No change
physical activerate and made QNPA7DAY on all 7 days	rity on at least 1 of them breathe has the them breathe has the transfer of th	day (in any kind and some of the table 10.5  students who we hysical activity table 10.5	of physical activime during the 7 10.1 re physically act	rity that increase days before the 14.4 ive at least 60 meir heart rate and	d their heart survey) 13.9 inutes per day	Increased, 2011-2017  No linear change	Not available  Not available	No change  No change
physical activerate and made and made and made and made and and an all 7 days breathe hard and an all 7 days	rity on at least 1 to them breathe have them breathe have them breathe have them breathe have the time of the time on the time of the time	day (in any kind and some of the table 10.5  students who we hysical activity table 10.5  35.4	of physical activime during the 7 10.1  re physically act that increased they before the surv 30.8	rity that increase days before the 14.4 ive at least 60 meir heart rate and rey) 27.7	d their heart survey) 13.9 inutes per day made them 30.9	,		

<sup>\*</sup>Based on trend 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.

	Healt	h Risk Behavio	r and Percentag	ges		Linear Change <sup>*</sup>	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			
more hours p	entage of students er day (counting	time spent on th	ings such as Xbo	ox, PlayStation, a	an iPad or			
for something	g that was not sch	nool work, on an	average school	-				
					cial media, 45.4	Increased, 2007-2017	No quadratic change	No change
for something 28.5  QN82: Perce	g that was not sch	30.6 s who attended p	39.6 hysical educatio	40.0	45.4	Increased, 2007-2017	No quadratic change	No change
for something 28.5  QN82: Perce	g that was not sch 31.3 entage of students	30.6 s who attended p	39.6 hysical educatio	40.0	45.4	Increased, 2007-2017  Decreased, 2007-2017	No quadratic change  No quadratic change	No change
for something 28.5 QN82: Perce days (in an av 78.6 QNDLYPE:	g that was not sch 31.3 entage of students verage week whe	30.6  s who attended p n they were in so 77.1  udents who atten	average school 39.6  hysical educatio chool) 76.0  ded physical edu	40.0 40.0 n (PE) classes or 72.9	45.4 n 1 or more 70.1	,		

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

### **Rhode Island High School Survey** 10-year Trend Analysis Report

Male Other

	Healt	h Risk Behavio	r and Percentag	es		Linear Change*	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017	-		
	ntage of students ork, during the 1			ıp, exam, teeth c	eleaning, or			
			76.2	76.0	77.4	No linear change	Not available <sup>§</sup>	No change
	Percentage of st ther dental work		er saw a dentist (	for a check-up, e	exam, teeth			
			1.5	1.9	2.6	No linear change	Not available	No change
	ntage of students 2 months before t		their grades in sc	hool as mostly A	A's or B's			
57.1	56.6	61.2	64.1	69.0	71.7	Increased, 2007-2017	No quadratic change	No change

<sup>\*</sup>Based on trend 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.

### **Rhode Island High School Survey** 10-year Trend Analysis Report

Male Site-Added

cu	Healt	h Risk Behavio	r and Percentag	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			
	ntage of students onths or more)	s who have physi	cal disabilities o	r long-term heal	th problems			
10.4	8.9	12.1	7.5	8.3	8.5	No linear change	No quadratic change	No change
	ntage of students eaning 6 months	s who have long- s or more)	term emotional 1	problems or lear	ning			
12.2	12.0	14.2	10.0	10.0	11.9	No linear change	No quadratic change	No change
QN97: Percer	ntage of students	s who live with s	omeone who sm	okes cigarettes				
			33.0	34.3	32.9	No linear change	Not available <sup>§</sup>	No change
		s who tried to qui		ettes (among stu	dents who			
55.1	43.4	49.5	35.9	57.8	57.9	No linear change	Decreased, 2007-2013 Increased, 2013-2017	No change

<sup>\*</sup>Based on trend 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.

### **Rhode Island High School Survey** 10-year Trend Analysis Report

Male Site-Added

	Healt	h Risk Behavio	r and Percentag	ges		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2015-2017 †	
2007	2009	2011	2013	2015	2017	-			
prescription (s		tin, Percocet, Vi	prescription dru codin, codeine, A						
		16.3	13.9	11.2	7.2	Decreased, 2011-2017	Not available§	Decreased	
prescription (s	such as OxyCont	tin, Percocet, Vi	took a prescripti						
prescription (s one or more ti	such as OxyCont imes during the 3	tin, Percocet, Vi 30 days before th	codin, codeine, A ne survey)	Adderall, Ritalin,	, or Xanax, 3.8	No linear change	Not available	No change	
prescription (sone or more ti	such as OxyCont imes during the 3	tin, Percocet, Vi 30 days before th ts who currently	took over-the-corvey)	Adderall, Ritalin,	3.8 get high (one	No linear change	Not available	No change	
prescription (sone or more ti	such as OxyCont imes during the 3	tin, Percocet, Vi 30 days before th ts who currently	codin, codeine, And survey)  took over-the-co	Adderall, Ritalin,	, or Xanax, 3.8	No linear change  No linear change	Not available  Not available	No change	
Prescription (some or more times  QN106: Percor more times  QN109: Percor	entage of studen during the 3	tin, Percocet, Vi 30 days before the ts who currently ays before the su	took over-the-corvey)  5.9  their teeth or mo	6.5  Dunter drugs to g	3.8 get high (one 5.3				

<sup>\*</sup>Based on trend 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.

### **Rhode Island High School Survey** 10-year Trend Analysis Report

Male Site-Added

	Healt	h Risk Behavio	r and Percentag	ees		Linear Change*	Quadratic Change <sup>*</sup>	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			
		ts who sometime because of their						
			12.2	14.8	15.1	Increased, 2013-2017	Not available§	No change
papillomaviru		ts who have had on (also called t						
papillomaviru						No linear change	Not available	No change
papillomaviru GARDASIL) QN112: Perc	s or HPV infecti		42.1	43.1	shot, or 42.7 efits of not	No linear change	Not available	No change
papillomaviru GARDASIL) QN112: Perc	s or HPV infecti	ts who have been	42.1	43.1	shot, or 42.7 efits of not	No linear change  No linear change	Not available Not available	No change  No change
papillomaviru GARDASIL) QN112: Perc having sexual	entage of studen intercourse to p	ts who have been	42.1  1 taught in schooly and sexually tra	43.1 al about the beneausmitted diseas 79.4	efits of not ses (STDs) 76.1			

<sup>\*</sup>Based on trend 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.

### **Rhode Island High School Survey** 10-year Trend Analysis Report

Male Site-Ad

ed	Healt	h Risk Behavio	r and Percenta	ges	Linear Change*	Quadratic Change*	Change from 2015-2017 †	
2007	2009	2011	2013	2015	2017			
	entage of studen			one teacher or of	her adult in			
			F	72.0	71.6	No linear change	Not available§	No change

<sup>\*</sup>Based on trend 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.

# Rhode Island High School Survey 10-year Trend Analysis Report

**Injury and Violence Health Risk Behavior and Percentages** Linear Change\* **Quadratic Change**\* Change from 2015-2017 <sup>†</sup> 2007 2009 2011 2013 2015 2017 QN8: Percentage of students who rarely or never wore a seat belt (when riding in a car driven by someone else) 10.7 9.9 7.5 3.8 4.1 4.0 Decreased, 2007-2017 No quadratic change No change ON9: Percentage of students who rode with a driver who had been drinking alcohol (in a car or other vehicle, one or more times during the 30 days before the survey) 26.4 24.2 21.5 20.6 18.8 11.9 Decreased, 2007-2017 No quadratic change Decreased

32.0 45.0 31.5 No linear change Not available§ Decreased QN13: Percentage of students who carried a weapon on school property (such as a gun, knife, or club, on at least 1 day during the 30 days before the survey) 2.2 2.3 2.1 2.3 2.1 2.6 No linear change No quadratic change No change

QN11: Percentage of students who texted or e-mailed while driving a car or other vehicle (on at least 1 day during the 30 days before the survey, among students who had driven a car

or other vehicle during the 30 days before the survey)

Female

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

 $<sup>^{\</sup>dagger}$ Based on t-test analysis, p < 0.05.

Not enough years of data to calculate.

	Healt	h Risk Behavio	r and Percenta	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			
	ntage of students o or from schoo							
3.9	7.8	5.5	6.8	4.9	7.4	No linear change	No quadratic change	No change
times during	ntage of students	fore the survey)						
5.7	6.4	5.2	4.4	6.6	7.6	No linear change	No quadratic change	No change
		who were ever	physically force	d to have sexual	intercourse			
	ntage of students d not want to)	s who were ever	physically force	o to have serial				
		8.3	9.7	9.8	9.5	No linear change	No quadratic change	No change
QN21: Perce someone they kissing, touch want to, one of	d not want to)	8.3 s who experience going out with to ysically forced to ring the 12 mont	9.7 ed sexual dating of do sexual thing of have sexual in this before the su	9.8 violence (being s [counting such ercourse] that thrvey, among stur	9.5 forced by things as ey did not	No linear change	No quadratic change	No chang

<sup>\*</sup>Based on trend 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.

and Violence								
	Healt	h Risk Behavio	r and Percentag	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 <sup>†</sup>
2007	2009	2011	2013	2015	2017			
hurt on purpor being hit, slan during the 12	ntage of students se by someone the nmed into somet months before the ng the 12 months	ney were dating hing, or injured ne survey, amon	or going out with with an object or g students who d	n [counting such r weapon] one or	things as more times			
			9.4	9.5	8.1	No linear change	Not available§	No change
QN23: Percer	ntage of students	who were bulli	ed on school pro	perty (ever durir	ng the 12			
	17.4	20.5	20.5	16.0	19.2	No linear change	Not available	No change
QN24: Percethrough texting before the sur	ntage of students ng, Instagram, Fa vey)	who were elect cebook, or other	ronically bullied social media, ev	(counting being ver during the 12	bullied 2 months			
		20.4	19.3	15.3	17.3	No linear change	Not available	No change
QN25: Percerow so that the survey)	ntage of students ey stopped doing	s who felt sad or g some usual act	hopeless (almos ivities, ever duri	t every day for > ng the 12 month	=2 weeks in a s before the			
29.4	29.5	31.5	35.0	35.8	38.0	Increased, 2007-2017	No quadratic change	No change

<sup>\*</sup>Based on trend 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.

### **Rhode Island High School Survey** 10-year Trend Analysis Report

**Female Injury and Violence** 

	Healt	h Risk Behavio	r and Percentag	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 <sup>†</sup>
2007	2009	2011	2013	2015	2017			
QN26: Percent 12 months befo	tage of students ore the survey)	who seriously o	considered attem	pting suicide (ev	er during the			
14.5	14.6	14.6	18.3	19.3	19.6	Increased, 2007-2017	No quadratic change	No change
	tage of students months before t		an about how the	y would attempt	suicide			
13.4	12.7	12.7	12.5	15.8	16.5	Increased, 2007-2017	No quadratic change	No change
QN28: Percent	tage of students	who attempted	suicide (one or n	nore times durin	g the 12			
10.2	8.3	8.1	14.2	12.5	10.3	No linear change	No quadratic change	No change

<sup>\*</sup>Based on trend 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.

# Rhode Island High School Survey 10-year Trend Analysis Report

Female Tobacco Use

	Healt	h Risk Behavio	r and Percentag	es		Linear Change*	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017	-		
QN30: Perce	ntage of students	who ever tried o	cigarette smokin	g (even one or tv	wo puffs)			
42.9	38.6	33.0	28.6	20.2	17.7	Decreased, 2007-2017	No quadratic change	No change
QN32: Perce		who currently s	moked cigarettes	s (on at least 1 days	ay during the			
13.8	13.2	9.6	7.9	4.5	4.7	Decreased, 2007-2017	No quadratic change	No change
		dents who currer before the survey		rettes frequently	(on 20 or			
4.6	5.2	3.2	2.4	1.6	1.5	Decreased, 2007-2017	No quadratic change	No change
QNDAYCIG:		students who curs	rently smoked ci	garettes daily (o	n all 30 days			
during the 30	days before the							

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

### **Rhode Island High School Survey** 10-year Trend Analysis Report

**Female Tobacco Use** 

	Healt	h Risk Behavio	r and Percentag	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			
e-cigarettes, e	entage of students e-cigars, e-pipes, Yuse, MarkTen, I	vape pipes, vapi	ng pens, e-hook	ahs, and hookah	uding pens [such as			
				39.5	39.3	No linear change	Not available§	No change
e-cigarettes, e blu, NJOY, V	entage of students e-cigars, e-pipes, 'use, MarkTen, I te the survey)	vape pipes, vapi	ng pens, e-hooka	ahs, and hookah	pens [such as			
e-cigarettes, e blu, NJOY, V 80 days befor	e-cigars, e-pipes, /use, MarkTen, I re the survey)	vape pipes, vapi ogic, Vapin Plu	ng pens, e-hooka s, eGo, and Halo	ahs, and hookah], on at least 1 da	pens [such as ay during the	No linear change	Not available	No change
e-cigarettes, eblu, NJOY, V 30 days befor QN38: Perce	e-cigars, e-pipes, 'use, MarkTen, I	vape pipes, vapi logic, Vapin Plu s who currently s	ng pens, e-hooka s, eGo, and Halo moked cigars (c	ahs, and hookah], on at least 1 da	pens [such as ay during the	No linear change	Not available	No change
e-cigarettes, eblu, NJOY, V 30 days befor QN38: Perce	e-cigars, e-pipes, Yuse, MarkTen, I the survey)	vape pipes, vapi logic, Vapin Plu s who currently s	ng pens, e-hooka s, eGo, and Halo moked cigars (c	ahs, and hookah], on at least 1 da	pens [such as ay during the	No linear change  Decreased, 2007-2017	Not available  No change, 2007-2011 Decreased, 2011-2017	No change  No change
e-cigarettes, eblu, NJOY, V 30 days befor  QN38: Perce cigars, on at 1 6.1  QNTB2: Per	e-cigars, e-pipes, Yuse, MarkTen, I te the survey) entage of students east 1 day during	vape pipes, vapi logic, Vapin Plu s who currently s the 30 days bef 7.2	ng pens, e-hooks, eGo, and Halo smoked cigars (core the survey) 5.8	ahs, and hookah], on at least 1 de 18.0 igars, cigarillos, 4.7	pens [such as ay during the 17.0 or little 2.8		No change, 2007-2011	

<sup>\*</sup>Based on trend 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.

### **Rhode Island High School Survey** 10-year Trend Analysis Report

Female **Alcohol and Other Drug Use** 

	Healt	h Risk Behavio	r and Percentag	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			
	ntage of students ring their life)	who ever drank	alcohol (at least	t one drink of alc	ohol, on at			
				58.1	55.2	No linear change	Not available§	No change
QN41: Percenthan a few sip		who had their f	irst drink of alco	hol before age 1	3 years (other			
16.4	14.8	14.3	10.7	10.3	10.9	Decreased, 2007-2017	No quadratic change	No change
		s who currently d		least one drink of	of alcohol, on			
43.1	35.6	35.2	32.1	30.0	25.8	Decreased, 2007-2017	No quadratic change	No change
				y drank by some who currently di				
			37.4	46.6	44.6	No linear change	Not available	No change

<sup>\*</sup>Based on trend 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.

### **Rhode Island High School Survey** 10-year Trend Analysis Report

**Female Alcohol and Other Drug Use** 

	Healt	h Risk Behavio	r and Percentag	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			
QN46: Perce	ntage of students	s who ever used	marijuana (one o	or more times du	ring their life)			
37.0	36.6	36.2	38.0	39.3	37.5	No linear change	No quadratic change	No change
QN47: Perce	ntage of students	who tried marij	uana for the first	t time before age	e 13 years			
5.4	6.5	4.7	4.2	4.9	5.9	No linear change	No quadratic change	No change
QN48: Perce 30 days befor	ntage of students e the survey)	s who currently t	ısed marijuana (	one or more time	es during the			
19.7	22.7	22.7	22.3	22.7	23.4	No linear change	No quadratic change	No change
QN49: Perce powder, crack	ntage of students x, or freebase, on	s who ever used of e or more times	cocaine (any ford during their life)	m of cocaine, inc	cluding			
4.1	4.0	3.9	3.2	3.2	2.2	Decreased, 2007-2017	No quadratic change	No change
	ntage of students		heroin (also calle	ed "smack," "jun	ık," or "China			
				1.5	1.6	No linear change	Not available§	No change

<sup>\*</sup>Based on trend 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.

### **Rhode Island High School Survey 10-year Trend Analysis Report**

	Healt	h Risk Behavio	or and Percentag	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			
ON53: Parce	entage of students	s who ever used	ecetaev (also cal	led "MDMA " o	una or mora			
		s who ever used	cestasy (also car	icu Midivia, o	one of more			
times during		s who ever used	cestasy (also car	3.8	1.8	No linear change	Not available <sup>§</sup>	No change
QN54: Perce	their life) entage of students "King Kong," "Y	s who ever used	synthetic mariju	3.8 ana (also called	1.8 "K2," "Spice,"	No linear change	Not available <sup>§</sup>	No change

2.7

No linear change

Not available

No change

2.0

<sup>\*</sup>Based on trend 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.

# Rhode Island High School Survey 10-year Trend Analysis Report

Female Sexual Behaviors

	Healt	h Risk Behavio	r and Percentag	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 <sup>†</sup>
2007	2009	2011	2013	2015	2017			
QN59: Percei	ntage of students	who ever had se	exual intercourse	e				
41.4	42.8	38.2	37.1	36.3	33.3	Decreased, 2007-2017	No quadratic change	No change
QN60: Percei	ntage of students	who had sexual	intercourse for	the first time bet	fore age 13			
2.0	2.4	1.7	2.2	1.3	2.6	No linear change	No quadratic change	No change
QN61: Perceitheir life	ntage of students	who had sexual	intercourse with	n four or more p	ersons during			
7.4	8.6	7.2	5.7	6.0	6.0	No linear change	No quadratic change	No change
		s who were curre g the 3 months b			intercourse			
31.6	32.6	28.4	29.1	28.3	24.7	Decreased, 2007-2017	No quadratic change	No change

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

### **Rhode Island High School Survey** 10-year Trend Analysis Report

**Female Sexual Behaviors** 

	Healt	h Risk Behavior	and Percentag	es		Linear Change*	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			
	ntage of students were currently se		dom during last	sexual intercour	se (among			
61.0	54.5	54.5	64.8	57.7	54.2	No linear change	No quadratic change	No change
	ntage of students unting tests done				•			
(HIV) (not cou	unting tests done	e if they donated	blood)  control pills before	12.2  Dre last sexual in	12.5	No linear change	Not available <sup>§</sup>	No change
(HIV) (not con QN65: Percer	unting tests done	e if they donated	blood)  control pills before	12.2  Dre last sexual in	12.5	No linear change  No linear change	Not available <sup>§</sup> No quadratic change	No change Increased
QN65: Percer prevent pregna 25.5  QNIUDIMP: implant (such	unting tests done	who used birth dents who were 29.4 udents who used Nexplanon) befo	control pills beforurrently sexuall 31.0  I an IUD (such a re last sexual interpretation)	ore last sexual in y active) 25.6  s Mirena or Para ercourse (to pre	12.5 attercourse (to 38.4 aGard) or			

<sup>\*</sup>Based on trend 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.

# Rhode Island High School Survey 10-year Trend Analysis Report

	Healt	h Risk Behavio	r and Percentag	ges		Linear Change*	Quadratic Change*	Change from 2015-2017
2007	2009	2011	2013	2015	2017			
as OrthoEvra),	, or birth control	ring (such as N	ed a shot (such as uvaRing) before currently sexual	last sexual inte				
			4.1	5.5	2.4	No linear change	Not available§	No change

45.1

QNDUALBC: Percentage of students who used both a condom during last sexual intercourse and birth control pills; an IUD (such as Mirena or ParaGard) or implant (such as Implanon or Nexplanon); or a shot (such as Depo-Provera), patch (such as OrthoEvra), or birth control ring (such as NuvaRing) before last sexual intercourse (to prevent pregnancy, among students who were currently sexually active)

18.7

38.5

13.6

34.8

No linear change

No linear change

Not available

Not available

No change

Increased

**Female** 

<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.

male xual Behavio	ors	Healt	h Risk Behavio	r and Percentaș	ges		Linear Change*	Quadratic Change <sup>*</sup>	Change from 2015-2017 †
20	07	2009	2011	2013	2015	2017			
QNB0 during	CNONE: g last sexu	Percentage of ual intercourse	students who die (among students	d not use any me who were curre	thod to prevent potent of the sexually act	pregnancy iive)			
13	3.2	13.2	12.5	12.2	13.4	11.1	No linear change	No quadratic change	No change

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

	Healt	h Risk Behavio	r and Percenta	ges		Linear Change*	Quadratic Change*	Change from 2015-2017
2007	2009	2011	2013	2015	2017			
	ercentage of stude body mass index charts)§							
16.0	16.5	14.9	17.0	14.1	17.1	No linear change	No quadratic change	No change
	Percentage of stu on sex- and age-s							
7.2	9.0	9.1	70	_		Ingranged 2007 2017	No quadratia abanga	Ingrassed
7.3	8.0	8.4	7.8	7.6	12.9	Increased, 2007-2017	No quadratic change	Increased
	8.0			7.6		Increased, 2007-2017	No quadratic change	Increased
				7.6		Increased, 2007-2017  Decreased, 2007-2017	No quadratic change  No quadratic change	Increased  No change
QN69: Perce 63.3 QN70: Perce	ntage of students	s who were tryin 59.3 s who did not dri	g to lose weight 60.2	7.6 58.3	58.8	,		

<sup>\*</sup>Based on trend 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. In addition, beginning in 2017, new, slightly different ranges were used to calculate biologically implausible responses to height and weight questions.

	Healt	h Risk Behavio	r and Percentag	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			
	centage of studer apple juice, or gr				s (such as			
3.9	4.2	4.0	4.0	4.8	5.8	Increased, 2007-2017	No quadratic change	No change
	as orange juice,	apple juice, or g	rape juice, durin	g the 7 days before	ore the			
survey) 60.9	63.8	62.9	62.4	59.7	58.3	No linear change	No quadratic change	No change
60.9 QNFR2: Per per day (such		62.9	62.4 or drank 100% f	59.7	58.3	No linear change  Decreased, 2007-2017	No change, 2007-2013	No change
QNFR2: Per per day (such survey) 29.9 QNFR3: Per	63.8 centage of studer as orange juice,	62.9  Its who ate fruit apple juice, or g  33.1  Its who ate fruit	62.4  or drank 100% frape juice, durin  33.7  or drank 100% f	59.7  Truit juices two or gethe 7 days before 28.2  Truit juices three	58.3  r more times ore the  25.8  or more times			

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

### **Rhode Island High School Survey** 10-year Trend Analysis Report

**Female Weight Management and Dietary Behaviors Health Risk Behavior and Percentages** Linear Change\* **Quadratic Change**\* Change from 2015-2017 <sup>†</sup> 2007 2009 2011 2013 2015 2017 QN72: Percentage of students who did not eat green salad (one or more times during the 7 days before the survey) 24.9 30.8 29.0 27.6 32.3 36.8 Increased, 2007-2017 No quadratic change No change QN73: Percentage of students who did not eat potatoes (one or more times during the 7 days before the survey) No change, 2007-2013 Increased, 2013-2017 27.4 29.1 29.7 29.2 35.7 42.4 Increased, 2007-2017 No change QN74: Percentage of students who did not eat carrots (one or more times during the 7 days before the survey) 46.3 47.3 48.4 48.3 51.4 52.8 No linear change No quadratic change No change QN75: Percentage of students who did not eat other vegetables (one or more times during the 7 days before the survey) 14.2

18.8

No linear change

No quadratic change

No change

14.4

14.8

16.9

16.6

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

	Healt	aviors h Risk Behavio	r and Percenta	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			
[excluding Fr	ercentage of studench fries, fried fore the survey)	lents who did no potatoes, or pota	t eat vegetables to chips], carrot	(green salad, pot s, or other vegeta	ratoes ables, during			
3.5	4.4	3.7	5.3	5.5	6.7	Increased, 2007-2017	No quadratic change	No change
	s [excluding Fre uring the 7 days			o chips], carrots	, or other			
66.4	65.1	66.1	65.2	60.4	58.0	Decreased, 2007-2017	No quadratic change	No change
66.4  QNVEG2: Posalad, potatoe		66.1  lents who ate ve nch fries, fried p	65.2 getables two or rotatoes, or potat	nore times per d	ay (green	Decreased, 2007-2017	No quadratic change	No change
66.4  QNVEG2: Posalad, potatoe	65.1 ercentage of studes [excluding Fre	66.1  lents who ate ve nch fries, fried p	65.2 getables two or rotatoes, or potat	nore times per d	ay (green	Decreased, 2007-2017  Decreased, 2007-2017	No quadratic change  No change, 2007-2013  Decreased, 2013-2017	No change
QNVEG2: Posalad, potatoe vegetables, du 27.8  QNVEG3: Posalad, potatoe	65.1 ercentage of studes [excluding Frearing the 7 days]	lents who ate vench fries, fried perfore the survence 30.6	getables two or rotatoes, or potatory) 31.2 getables three or otatoes, or potatory	more times per do chips], carrots  22.2  more times per	ay (green , or other 22.6 day (green		No change, 2007-2013	

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

	Healt	h Risk Behavio	r and Percentag	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			
				or glass of soda aring the 7 days l				
27.0	28.4	28.8	37.3	39.4	40.4	Increased, 2007-2017	No quadratic change	No change
				r glass of soda o				
more times per the 7 days bef	er day (such as Core the survey)	oke, Pepsi, or Sp	prite, not countin	ng diet soda or di	et pop, during	Decreased 2007 2017	No quadratic change	No change
more times pe	er day (such as C					Decreased, 2007-2017	No quadratic change	No change
more times pet the 7 days bef 20.4 QNSODA2: more times pe	er day (such as Core the survey) 16.9 Percentage of stu	15.3  Idents who dran	14.4 k a can, bottle, o	ng diet soda or di	9.4 r pop two or	Decreased, 2007-2017	No quadratic change	No change
more times pet the 7 days bef 20.4 QNSODA2: more times pe	er day (such as Core the survey)  16.9  Percentage of ster day (such as C	15.3  Idents who dran	14.4 k a can, bottle, o	9.5 r glass of soda o	9.4 r pop two or	Decreased, 2007-2017  Decreased, 2007-2017	No quadratic change  No quadratic change	No change  No change
more times per the 7 days bef 20.4  QNSODA2: more times per the 7 days bef 14.1  QNSODA3: more times per t	Percentage of street day (such as Coore the survey)  16.9  Percentage of street day (such as Coore the survey)  11.3  Percentage of street day (such as Coore the survey)	15.3  Idents who dran loke, Pepsi, or Spanier	14.4  k a can, bottle, oprite, not counting 9.2  k a can, bottle, o	9.5  r glass of soda or di	9.4 r pop two or et pop, during 6.5 r pop three or	,		

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

# **Rhode Island High School Survey** 10-year Trend Analysis Report

**Female Physical Activity** 

	Healt	h Risk Behavio	r and Percentag	res		Linear Change*	Quadratic Change*	Change from 2015-2017 $^{\dagger}$
2007	2009	2011	2013	2015	2017	-		
or more days	ntage of students (in any kind of p some of the time	hysical activity t	that increased the	eir heart rate and				
		38.6	39.0	35.0	33.1	Decreased, 2011-2017	Not available§	No change
QNPA7DAY	: Percentage of	tudents who we	15.4 re physically act	17.5 ive at least 60 m	19.1 inutes per day	Increased, 2011-2017	Not available	No change
	(in any kind of place of the time				made them			
		18.2	15.9	12.6	15.1	No linear change	Not available	No change
QN80: Perce average school	ntage of students ol day)	who watched te	elevision 3 or mo	re hours per day	(on an			
26.7	27.1	28.2	26.3	21.9	20.1	Decreased, 2007-2017	No change, 2007-2011 Decreased, 2011-2017	No change

<sup>\*</sup>Based on trend 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.

	Healt	h Risk Behavio	r and Percentag	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			
more hours pe	entage of students er day (counting	time spent on th	ings such as Xbo	ox, PlayStation, a	an iPad or			
for something	g that was not sch	ting, YouTube, nool work, on an	Instagram, Facet average school	book, or other so day)	cial media,			
for something 24.3	g that was not sch 24.0	ting, YouTube, nool work, on an 26.4	Instagram, Facel average school 37.5	day) 40.3	cial media, 41.3	Increased, 2007-2017	No quadratic change	No change
for something 24.3 QN82: Perce	g that was not sch	26.4 s who attended p	average school 37.5 hysical educatio	day) 40.3	41.3	Increased, 2007-2017	No quadratic change	No change
for something 24.3  QN82: Perce	g that was not sch 24.0 entage of students	26.4 s who attended p	average school 37.5 hysical educatio	day) 40.3	41.3	Increased, 2007-2017  Decreased, 2007-2017	No quadratic change  No quadratic change	No change
for something 24.3 QN82: Perce days (in an av 78.6 QNDLYPE:	24.0  entage of students/ verage week whe	s who attended pn they were in so 79.5	average school 37.5  hysical educatiochool) 77.7  ded physical edu	40.3 n (PE) classes or 73.5	41.3 n 1 or more 70.2	<u> </u>		

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

## **Rhode Island High School Survey** 10-year Trend Analysis Report

**Female** Other

	Healt	h Risk Behavio	r and Percentag	ges	Linear Change*	Quadratic Change*	Change from 2015-2017 $^{\dagger}$	
2007	2009	2011	2013	2015	2017	-		
	ntage of students ork, during the		tist (for a check-ue the survey)	ıp, exam, teeth o	cleaning, or			
			78.7	80.2	82.0	No linear change	Not available§	No change
				00.2	02.0	1 to milear enange	1100 41 4114010	
	Percentage of st ther dental work		er saw a dentist (			Two Amount of Manage		
						No linear change	Not available	No change
QN89: Percer	ther dental work	s who described	er saw a dentist (	for a check-up, o	exam, teeth			

<sup>\*</sup>Based on trend 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.

## **Rhode Island High School Survey** 10-year Trend Analysis Report

**Female** Site-Added

	Health	n Risk Behavion	and Percentag	ees	Linear Change*	Quadratic Change*	Change from 2015-2017 †	
2007	2009	2011	2013	2015	2017	-		
	ntage of students onths or more)	who have physi	cal disabilities o	r long-term heal	th problems			
12.0	10.9	12.3	9.6	9.0	8.3	Decreased, 2007-2017	No quadratic change	No change
	ntage of students eaning 6 months		term emotional 1	problems or lear	ning			
13.6	12.0	15.6	14.7	17.8	18.5	Increased, 2007-2017	No quadratic change	No change
QN97: Percer	ntage of students	who live with s	omeone who sm	okes cigarettes		.,		
			34.1	30.2	32.6	No linear change	Not available§	No change
prescription (s	entage of student such as OxyConti mes during their	in, Percocet, Vic						
		11.6	12.4	11.4	6.6	Decreased, 2011-2017	Not available	Decreased

<sup>\*</sup>Based on trend 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.

## **Rhode Island High School Survey** 10-year Trend Analysis Report

**Female** Site-Added

	Healt	h Risk Behavio	r and Percentag	ges	Linear Change <sup>*</sup>	Quadratic Change*	Change from 2015-2017 †	
2007	2009	2011	2013	2015	2017	-		
prescription (	such as OxyCon	ts who currently tin, Percocet, Vic 30 days before th	codin, codeine, A	ion drug without Adderall, Ritalin	a doctor's , or Xanax,			
				6.0	2.9	Decreased, 2015-2017	Not available§	Decreased
		ts who currently ays before the su		ounter drugs to g	get high (one			
			4.0	4.0	3.0	No linear change	Not available	No change
		ts who reported to 12 months befor		uth have been pa	ainful or sore			
			45.6	44.8	48.7	No linear change	Not available	No change
		ts who sometime because of their						
			21.0	20.7	26.9	No linear change	Not available	Increased

<sup>\*</sup>Based on trend 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.

# **Rhode Island High School Survey** 10-year Trend Analysis Report

**Female** Site-Added

	Healtl	n Risk Behavior	and Percentag	es	Linear Change*	Quadratic Change*	Change from 2015-2017 <sup>†</sup>	
2007	2009	2011	2013	2015	2017			
	entage of student is or HPV infection							
					<b>5</b> 2.6		37 . 21 1 1 8	NI1
			61.9	54.0	53.6	Decreased, 2013-2017	Not available <sup>§</sup>	No change
ON112: Pero	entage of student	s who have been				Decreased, 2013-2017	Not available <sup>s</sup>	No change
	entage of student		taught in schoo	l about the bene	fits of not	Decreased, 2013-2017	Not available <sup>s</sup>	No change
			taught in schoo	l about the bene	fits of not	Decreased, 2013-2017  Decreased, 2015-2017	Not available <sup>s</sup>	No change
having sexual		event pregnancy	taught in schoo and sexually tra	l about the bene ensmitted disease 85.0	fits of not es (STDs) 77.8	,		
having sexual	intercourse to pr	event pregnancy	taught in schoo and sexually tra	l about the bene ensmitted disease 85.0	fits of not es (STDs) 77.8	,		
having sexual  QN113: Perc  90.8	entage of student	s who have been 83.3	taught in school and sexually translated taught about A 83.9	l about the bene ensmitted disease 85.0 IDS or HIV infe 86.0	fits of not es (STDs) 77.8 ction in 80.8	Decreased, 2015-2017	Not available	No change
QN113: Perc 90.8 QN115: Perc	entage of student	s who have been 83.3	taught in schoo and sexually tra taught about A 83.9 here is at least o	l about the bene ensmitted disease 85.0 IDS or HIV infe 86.0	fits of not es (STDs) 77.8 ction in 80.8	Decreased, 2015-2017	Not available	No change

<sup>\*</sup>Based on trend 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.

White*	
Injury and	Violence

	Healt	n Risk Behavio	r and Percentag	Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2015-2017 §		
2007	2009	2011	2013	2015	2017			
QN8: Percen driven by son	tage of students v	who rarely or ne	ver wore a seat b	elt (when riding	in a car			
10.8	10.2	7.0	2.9	2.6	4.4	Decreased, 2007-2017	No quadratic change	No change
	tage of students v				cohol (in a car			
27.1	21.4	18.6	17.5	14.0	12.9	Decreased, 2007-2017	No quadratic change	No change
	ntage of students	who texted or e	-mailed while dr					
on at least 1	day during the 30 le during the 30	days before the		students who had	d driven a car			
on at least 1	day during the 30	days before the		students who had	d driven a car 39.9	No linear change	Not available <sup>¶</sup>	No change
on at least 1 or other vehice  QN13: Perce	day during the 30	days before the same shapes before the same shapes who carried a w	40.5 veapon on school	47.5 property (such	39.9	No linear change	Not available <sup>¶</sup>	No change

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

	Healt	h Risk Behavio	or and Percenta	Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2015-2017 §		
2007	2009	2011	2013	2015	2017			
				use they felt unsa days before the				
2.9	5.3	4.0	5.0	4.5	5.5	No linear change	No quadratic change	No change
	entage of students the 12 months be			n school property	(one or more			
8.1	7.9	6.5	4.7	5.6	8.5	No linear change	Decreased, 2007-2013 No change, 2013-2017	No change
	ntage of student id not want to)	s who were ever	physically force	ed to have sexual	intercourse			
9.3	6.7	5.8	7.1	6.8	8.4	No linear change	Decreased, 2007-2011 No change, 2011-2017	No change
someone they kissing, touch want to, one of	were dating or sping, or being phor more times du	going out with to ysically forced t ring the 12 mon	o do sexual thing o have sexual in	violence (being gs [counting such tercourse] that the	n things as ney did not			
datad or mont								

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

	Healt	h Risk Behavio	r and Percenta	Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2015-2017 §		
2007	2009	2011	2013	2015	2017			
hurt on purpo being hit, slar during the 12	entage of students ose by someone the mmed into somet months before the ing the 12 months	ney were dating of hing, or injured ne survey, among	or going out wit with an object o g students who c	h [counting such r weapon] one o	things as r more times			
	C		6.2	6.5	7.7	No linear change	Not available¶	No change
QN23: Perce months befor	entage of students the survey) 18.0	s who were bullion	ed on school pro	operty (ever during	ng the 12	No linear change	Not available	No change
months befor	18.0 entage of students ng, Instagram, Fa	21.4 s who were electr	19.2	17.4	19.8	No linear change	Not available	No change
Months before QN24: Perce through texting	18.0 entage of students ng, Instagram, Fa	21.4 s who were electr	19.2	17.4	19.8	No linear change  No linear change	Not available  Not available	No change  No change
QN24: Perce through texting before the sur	18.0 entage of students ng, Instagram, Fa	21.4 s who were electricebook, or other 16.3 s who felt sad or	ronically bullied social media, e  15.3  hopeless (almos	17.4  I (counting being ver during the 12  13.9  St every day for 2	19.8 g bullied 2 months 15.9 >=2 weeks in a			

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

White*	<b>*</b>	
Injury	and	Violence

Health	Risk Behavio	r and Percentag	Linear Change <sup>†</sup>	Quadratic Change†	Change from 2015-2017 §		
2009	2011	2013	2015	2017			
ntage of students ore the survey)	who seriously o	considered attem	pting suicide (ev	er during the			
11.0	11.7	12.4	14.0	15.2	Increased, 2007-2017	No quadratic change	No change
		an about how the	y would attempt	suicide			
10.4	9.2	9.2	11.7	11.6	No linear change	No quadratic change	No change
tage of students the survey)	who attempted	suicide (one or r	nore times durin	g the 12			
5.7	6.1	12.0	7.7	7.6	Increased, 2007-2017	No quadratic change	No change
1	atage of students ore the survey) 11.0  atage of students months before the students that atage of students the survey)	tage of students who seriously core the survey)  11.0  11.7  tage of students who made a pla months before the survey)  10.4  9.2  stage of students who attempted the survey)	tage of students who seriously considered attemptore the survey)  11.0  11.7  12.4  Itage of students who made a plan about how the months before the survey)  10.4  9.2  9.2  Itage of students who attempted suicide (one or rethe survey)	stage of students who seriously considered attempting suicide (every the survey)  11.0  11.7  12.4  14.0  Itage of students who made a plan about how they would attempt months before the survey)  10.4  9.2  9.2  11.7  Itage of students who attempted suicide (one or more times durin the survey)	stage of students who seriously considered attempting suicide (ever during the ore the survey)  11.0 11.7 12.4 14.0 15.2  Itage of students who made a plan about how they would attempt suicide months before the survey)  10.4 9.2 9.2 11.7 11.6  Itage of students who attempted suicide (one or more times during the 12 the survey)	stage of students who seriously considered attempting suicide (ever during the ore the survey)  11.0 11.7 12.4 14.0 15.2 Increased, 2007-2017  stage of students who made a plan about how they would attempt suicide months before the survey)  10.4 9.2 9.2 11.7 11.6 No linear change stage of students who attempted suicide (one or more times during the 12 the survey)	stage of students who seriously considered attempting suicide (ever during the ore the survey)  11.0 11.7 12.4 14.0 15.2 Increased, 2007-2017 No quadratic change stage of students who made a plan about how they would attempt suicide months before the survey)  10.4 9.2 9.2 11.7 11.6 No linear change No quadratic change stage of students who attempted suicide (one or more times during the 12 the survey)

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

## **Rhode Island High School Survey 10-year Trend Analysis Report**

White\* Tobacco Us

	Healt	h Risk Behavio	r and Percentag	ges	Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2015-2017 §	
2007	2009	2011	2013	2015	2017			
QN30: Perce	ntage of students	s who ever tried	cigarette smokin	g (even one or tv	wo puffs)			
44.1	41.1	36.2	29.4	21.6	19.8	Decreased, 2007-2017	No quadratic change	No change
ON32: Perce	ntage of students	who currently s	moked cigarette	s (on at least 1 d	ay during the			
		, who carrently is	moned eightette	o (on at reast r a	ay during the			
		13.0	9.4	5.4	6.6	Decreased, 2007-2017	No quadratic change	No change
30 days befor 17.4 QNFRCIG: I	e the survey)	13.0 dents who curren	9.4	5.4	6.6	Decreased, 2007-2017	No quadratic change	No change
30 days befor 17.4 QNFRCIG: I	e the survey) 15.8 Percentage of stu	13.0 dents who curren	9.4	5.4	6.6	Decreased, 2007-2017  Decreased, 2007-2017	No quadratic change  No quadratic change	No change
30 days befor 17.4 QNFRCIG: I more days du 6.9 QNDAYCIG:	15.8 Percentage of sturing the 30 days	dents who currently before the survey 5.1	9.4 ntly smoked ciga y) 3.8	5.4 grettes frequently	6.6 7 (on 20 or 1.6			

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

White*	
Tobacco	Use

	Healt	h Risk Behavio	r and Percentag	Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2015-2017 §		
2007	2009	2011	2013	2015	2017			
e-cigarettes, e	ntage of students e-cigars, e-pipes, use, MarkTen, L	vape pipes, vapi	ng pens, e-hooka	ahs, and hookah				
				41.6	41.2	No linear change	Not available¶	No change
e-cigarettes, e olu, NJOY, V	ntage of students e-cigars, e-pipes, 'use, MarkTen, L e the survey)	vape pipes, vapi	ng pens, e-hooka	ahs, and hookah	pens [such as			
e-cigarettes, e blu, NJOY, V 30 days befor	e-cigars, e-pipes, Yuse, MarkTen, L Te the survey)	vape pipes, vapi ogic, Vapin Plu	ng pens, e-hooks s, eGo, and Halo	ahs, and hookah], on at least 1 d	pens [such as ay during the	No linear change	Not available	No change
e-cigarettes, eblu, NJOY, V 30 days befor QN38: Perce	e-cigars, e-pipes, 'use, MarkTen, L	vape pipes, vapi ogic, Vapin Plus s who currently s	ng pens, e-hooks, eGo, and Halo	ahs, and hookah], on at least 1 d	pens [such as ay during the	No linear change	Not available	No change
e-cigarettes, eblu, NJOY, V 30 days befor QN38: Perce	e-cigars, e-pipes, (use, MarkTen, L te the survey)	vape pipes, vapi ogic, Vapin Plus s who currently s	ng pens, e-hooks, eGo, and Halo	ahs, and hookah], on at least 1 d	pens [such as ay during the	No linear change  Decreased, 2007-2017	Not available  No quadratic change	No change
e-cigarettes, eblu, NJOY, V 30 days befor  QN38: Percecigars, on at 1 13.1  QNTB2: Per	e-cigars, e-pipes, Yuse, MarkTen, L e the survey) ntage of students east 1 day during	vape pipes, vapi logic, Vapin Plus s who currently s the 30 days bef 14.4	ng pens, e-hooks, eGo, and Halo smoked cigars (core the survey) 9.4	ahs, and hookah], on at least 1 d  21.0  igars, cigarillos,  8.0	pens [such as ay during the 22.7 or little 6.9			

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

White*			
Alcohol and	d Other	Drug	Use

	Healt	h Risk Behavio	r and Percentag	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2015-2017 §
2007	2009	2011	2013	2015	2017			
	ntage of students ring their life)	who ever drank	alcohol (at least	t one drink of alc	cohol, on at			
				54.1	51.1	No linear change	Not available¶	No change
QN41: Percenthan a few sip		who had their f	irst drink of alco	shol before age 1	3 years (other			
18.8	12.0	12.2	9.9	8.4	9.6	Decreased, 2007-2017	Decreased, 2007-2011 No change, 2011-2017	No change
		s who currently d		least one drink of	of alcohol, on			
45.7	35.6	33.7	31.4	27.5	25.3	Decreased, 2007-2017	No quadratic change	No change
		s who usually go						
			30.2	40.5	37.0	No linear change	Not available	No change

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

## **Rhode Island High School Survey** 10-year Trend Analysis Report

White\* **Alcohol and Other Drug Use** 

	Healt	h Risk Behavio	r and Percentag	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2015-2017 §
2007	2009	2011	2013	2015	2017			
QN46: Percei	ntage of students	who ever used	marijuana (one o	or more times du	ring their life)			
42.0	42.1	41.1	39.0	38.8	35.8	Decreased, 2007-2017	No quadratic change	No change
QN47: Percei	ntage of students	who tried marij	uana for the firs	t time before age	e 13 years			
8.4	7.0	5.8	4.7	4.5	5.1	Decreased, 2007-2017	No quadratic change	No change
QN48: Percei		who currently u	ısed marijuana (	one or more time	es during the	-		
25.0	28.5	27.3	23.6	24.2	22.3	Decreased, 2007-2017	No quadratic change	No change
QN49: Percei	ntage of students	s who ever used e or more times	cocaine (any for during their life)	m of cocaine, inc	cluding			
owder, crack	,					Decreased, 2007-2017	No quadratic change	

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

## **Rhode Island High School Survey 10-year Trend Analysis Report**

	Healt	h Risk Behavio	or and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2015-2017 §
2007	2009	2011	2013	2015	2017	•		
	entage of students	s who ever used	ecstasy (also cal	lled "MDMA," o	ne or more			
QN53: Perce times during		s who ever used	ecstasy (also cal	lled "MDMA," o	ne or more	No linear change	Not available <sup>¶</sup>	No change
QN54: Perce	their life)	s who ever used	synthetic mariju	3.6 ana (also called	2.6 "K2," "Spice,"	No linear change	Not available <sup>¶</sup>	No change
QN54: Perce	their life) entage of students "King Kong," "Y	s who ever used	synthetic mariju	3.6 ana (also called	2.6 "K2," "Spice,"	No linear change	Not available <sup>¶</sup>	No change

3.4

Increased, 2015-2017

Not available

1.6

QN55: Percentage of students who ever took steroids without a doctor's prescription (pills or shots, one or more times during their life)

No change

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

## **Rhode Island High School Survey 10-year Trend Analysis Report**

White\* Sexual Behavio

ehaviors	Healt	h Risk Behavio	r and Percentag	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2015-2017 §
2007	2009	2011	2013	2015	2017			
QN59: Perce	ntage of students	who ever had so	exual intercourse	e				
43.4	41.2	38.2	35.7	34.9	32.5	Decreased, 2007-2017	No quadratic change	No change
QN60: Percei	ntage of students	who had sexual	intercourse for	the first time bet	fore age 13			
4.3	2.4	2.1	2.0	1.7	3.1	No linear change	Decreased, 2007-2013 No change, 2013-2017	No change
QN61: Perce	ntage of students	who had sexual	intercourse with	n four or more p	ersons during			
8.7	8.1	7.7	6.5	5.6	6.6	Decreased, 2007-2017	No quadratic change	No change
	ntage of students				intercourse			
32.7	30.2	28.0	26.8	25.0	23.8	Decreased, 2007-2017	No quadratic change	No change

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

## **Rhode Island High School Survey** 10-year Trend Analysis Report

White\* Sexual

	Healt	h Risk Behavio	r and Percentag	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2015-2017 §
2007	2009	2011	2013	2015	2017	•		
	ntage of students were currently so		dom during last	sexual intercour	se (among			
67.8	61.8	61.8	68.0	63.9	60.4	No linear change	No quadratic change	No change
	ntage of students unting tests done				-	No linear change	Not available!	No change
(HIV) (not co  QN65: Perce		e if they donated	blood)  control pills before	10.8  ore last sexual in	12.5	No linear change	Not available <sup>¶</sup>	No change
(HIV) (not co  QN65: Perce	unting tests done	e if they donated	blood)  control pills before	10.8  ore last sexual in	12.5	No linear change  Increased, 2007-2017	Not available¶	No change
QN65: Perce prevent pregn 23.5  QNIUDIMP: implant (such	unting tests done  ntage of students ancy, among stu	who used birth dents who were 31.8 udents who used Nexplanon) before	control pills beforeurrently sexuall 33.2	ore last sexual in y active) 34.6  s Mirena or Para ercourse (to prevented to preve	12.5 tercourse (to 32.5 Gard) or			

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

White*	
Sexual 1	Behaviors

	Heal	th Risk Behavio	r and Percentag	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2015-2017 §
2007	2009	2011	2013	2015	2017			
s OrthoEvra	), or birth contro	students who use I ring (such as N Idents who were	uvaRing) before	last sexual inter				
				2.0	2.6		37 . H 11 f	N1
		students who use				No linear change	Not available <sup>¶</sup>	No change
r ParaGard) atch (such as	or implant (such s OrthoEvra), or	as Implanon or birth control ring	ed birth control p Nexplanon); or a g (such as NuvaF	oills; an IUD (such as D Ring) before last	ch as Mirena Depo-Provera), sexual	No linear change	Not available	No change
r ParaGard) atch (such as	or implant (such s OrthoEvra), or	as Implanon or	ed birth control p Nexplanon); or a g (such as NuvaF	oills; an IUD (such as D Ring) before last	ch as Mirena Depo-Provera), sexual	No linear change  No linear change	Not available  Not available	No change
ParaGard) atch (such as atercourse (to an atercourse (to an atercourse ar an planon or 1 arth control 1	or implant (such s OrthoEvra), or o prevent pregnation of the prevent pregnation of the preventage of the different preventage of the prev	as Implanon or birth control ring	ed birth control p Nexplanon); or a g (such as Nuval lents who were c 37.3 ed both a condor ch as Mirena or F epo-Provera), par ast sexual interco	oills; an IUD (such as Daing) before last urrently sexually 39.0  In during last sex ParaGard) or impact (such as Orthe)	ch as Mirena Depo-Provera), sexual y active) 38.4  Sual Deposit of the sexual Deposit of the sexual Successive of the sexual Deposit of the			

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

ehaviors	Heal	th Risk Behavio	r and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2015-2017 §
2007	2009	2011	2013	2015	2017			
		students who di- (among students						
8.9	9.0	7.8	6.1	7.4	7.8	No linear change	No quadratic change	No change

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

	Healt	h Risk Behavio	r and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change†	Change from 2015-2017 §
2007	2009	2011	2013	2015	2017			
	ercentage of studer body mass index charts)¶							
15.8	14.6	13.8	14.9	13.4	15.2	No linear change	No quadratic change	No change
index, based	Percentage of stu on sex- and age-s							
9.6	8.4	9.5	8.4	9.5	13.3	No linear change	No change, 2007-2013 Increased, 2013-2017	No change
	8.4 entage of students	9.5	8.4	9.5		No linear change	No change, 2007-2013 Increased, 2013-2017	No change
		9.5	8.4	9.5		No linear change	No change, 2007-2013 Increased, 2013-2017 Decreased, 2007-2013 Increased, 2013-2017	No change
QN69: Perco 48.7 QN70: Perco	entage of students	9.5 s who were tryin 45.8 s who did not dri	8.4 g to lose weight 44.9	9.5	49.2		Increased, 2013-2017  Decreased, 2007-2013	
QN69: Perco 48.7 QN70: Perco	entage of students 45.3 entage of students	9.5 s who were tryin 45.8 s who did not dri	8.4 g to lose weight 44.9	9.5	49.2		Increased, 2013-2017  Decreased, 2007-2013	
QN69: Perco 48.7 QN70: Perco times during 15.1	entage of students 45.3  entage of students the 7 days before 16.5  entage of students	9.5 s who were tryin 45.8 s who did not drie the survey) 16.9	g to lose weight 44.9  nk fruit juice (1) 22.0	9.5 44.1 00% fruit juices 24.9	13.3 49.2 one or more 29.9	No linear change	Increased, 2013-2017  Decreased, 2007-2013 Increased, 2013-2017	Increased

<sup>\*</sup>Non-Hispanic.

<sup>†</sup>Based on trend 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. In addition, beginning in 2017, new, slightly different ranges were used to calculate biologically implausible responses to height and weight questions.

	Healt	h Risk Behavio	r and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2015-2017 §
2007	2009	2011	2013	2015	2017			
	centage of studer apple juice, or gr				es (such as			
4.7	4.6	4.7	4.6	5.6	7.1	Increased, 2007-2017	No quadratic change	No change
				fruit juices one o				
	as orange juice, 67.3					No linear change	No change, 2007-2011 No change, 2011-2017	No change
per day (such survey) 61.0 QNFR2: Per per day (such	as orange juice,	64.7	62.6 or drank 100% 1	62.1	58.1 or more times	No linear change		No change
per day (such survey) 61.0 QNFR2: Per	67.3 centage of studer	64.7	62.6 or drank 100% 1	62.1	58.1 or more times	No linear change  Decreased, 2007-2017		No change
per day (such survey) 61.0 QNFR2: Per per day (such survey) 30.0 QNFR3: Per	67.3  centage of studer as orange juice,	apple juice, or g 64.7  tts who ate fruit apple juice, or g 34.0  tts who ate fruit	or drank 100% 1 strape juice, during 32.4	62.1  Gruit juices two ong the 7 days before 28.0  Gruit juices three	58.1  or more times ore the  27.0  or more times		No change, 2011-2017  Increased, 2007-2011	

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

	Healt	h Risk Behavio	r and Percentag	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2015-2017 §
2007	2009	2011	2013	2015	2017			
QN72: Perce days before th	ntage of students ne survey)	s who did not ear	green salad (on	e or more times	during the 7			
26.7	32.8	31.6	30.2	35.7	37.1	Increased, 2007-2017	No quadratic change	No change
QN73: Perce before the sur	ntage of students	s who did not ear	potatoes (one o	r more times du	ring the 7 days			
23.3	23.9	25.1	24.4	33.7	34.3	Increased, 2007-2017	No change, 2007-2013 Increased, 2013-2017	No change
QN74: Perce before the sur	ntage of students	s who did not ear	carrots (one or	more times duri	ng the 7 days			
42.2	42.4	43.6	41.9	46.0	48.5	Increased, 2007-2017	No quadratic change	No change

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

	Healt	h Risk Behavio	r and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2015-2017 §
2007	2009	2011	2013	2015	2017	•		
[excluding Fr	ercentage of studench fries, fried fore the survey)							
4.0	4.3	3.5	4.2	4.8	7.0	Increased, 2007-2017	No change, 2007-2011 Increased, 2011-2017	No change
OMEGI B			-					
salad, potatoe	ercentage of studes [excluding Freuring the 7 days]		otatoes, or potat	nore times per d o chips], carrots	ay (green , or other			
salad, potatoe	s [excluding Fre	nch fries, fried p	otatoes, or potat	nore times per d o chips], carrots 62.1	ay (green , or other	Decreased, 2007-2017	No quadratic change	No change
salad, potatoe vegetables, di 68.7 QNVEG2: P salad, potatoe	es [excluding Fre uring the 7 days]	nch fries, fried perfore the survey 68.9  lents who ate very nch fries, fried p	otatoes, or potate /) 68.5 getables two or rotatoes, or potate	62.1	63.0 ay (green	Decreased, 2007-2017	No quadratic change	No change
salad, potatoe vegetables, di 68.7 QNVEG2: P salad, potatoe	es [excluding Freuring the 7 days] 68.1 ercentage of studes [excluding Fre	nch fries, fried perfore the survey 68.9  lents who ate very nch fries, fried p	otatoes, or potate /) 68.5 getables two or rotatoes, or potate	62.1	63.0 ay (green	Decreased, 2007-2017  No linear change	No quadratic change  No quadratic change	No change
salad, potatoe vegetables, di 68.7 QNVEG2: P salad, potatoe vegetables, di 28.0 QNVEG3: P salad, potatoe	es [excluding Freuring the 7 days] 68.1 ercentage of studes [excluding Freuring the 7 days]	dents who ate vench fries, fried poefore the survey 68.9  dents who ate vench fries, fried poefore the survey 32.1  dents who ate vench fries, fried poefore the survey fries	otatoes, or potate  68.5  getables two or rotatoes, or potate  29.3  getables three or otatoes, or potate	62.1  more times per do chips], carrots  24.5  more times per do chips]	ay (green, or other  24.6  day (green	,		

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

Management a	and Dietary Beh	aviors						
	Healt	h Risk Behavio	r and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2015-2017 §
2007	2009	2011	2013	2015	2017			
				or glass of soda aring the 7 days				
24.6	26.4	25.5	32.8	35.6	37.2	Increased, 2007-2017	No quadratic change	No change
more times per the 7 days bef	er day (such as Core the survey)	oke, Pepsi, or S	orite, not countin	r glass of soda o ng diet soda or di	et pop, during			
23.4	19.2	19.6	15.7	10.6	11.4	Decreased, 2007-2017	No quadratic change	No change
QNSODA2:	er day (such as C	udents who dran loke, Pepsi, or S	k a can, bottle, o	r glass of soda o ng diet soda or di	r pop two or et pop, during			
the 7 days bef	ore the survey)							
the 7 days bet	13.4	12.4	9.0	6.8	8.2	Decreased, 2007-2017	No quadratic change	No change
QNSODA3: more times pe	13.4 Percentage of stu	udents who dran	k a can, bottle, o	6.8 or glass of soda ong diet soda or di	r pop three or	Decreased, 2007-2017	No quadratic change	No change

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

White*	
Physical	Activity

	Healt	h Risk Behavior and Percentages Linear Change <sup>†</sup> Quadratic Change <sup>†</sup>						Change from 2015-2017 §
2007	2009	2011	2013	2015	2017			
or more days	(in any kind of p	hysical activity	ically active at le that increased the s before the surv	eir heart rate and	per day on 5 d made them			
		51.5	49.7	50.0	46.7	No linear change	Not available <sup>¶</sup>	No change
physical activ	ity on at least 1	day (in any kind	I not participate i of physical activ	ity that increase	ed their heart			
physical activ rate and made	ity on at least 1 them breathe ha	day (in any kind ard some of the t 9.0	of physical activime during the 7	rity that increase days before the 12.1	ed their heart e survey) 13.0	Increased, 2011-2017	Not available	No change
physical active rate and made QNPA7DAY on all 7 days	ity on at least 1 them breathe has them breathe has the them breathe has the them breathe has the them breather the breather them breather the breather them breather the breather them breather the breather them breather them breather them breather them breather them breather them breather the breather them breather the breather the breather the breather them breather the breather the breather the breather the breather the breather the breather th	day (in any kind ard some of the t 9.0 students who we	of physical activime during the 7	vity that increase days before the 12.1 ive at least 60 meir heart rate and	ed their heart e survey) 13.0 ninutes per day	Increased, 2011-2017	Not available	No change
physical active rate and made QNPA7DAY on all 7 days	ity on at least 1 them breathe has them breathe has the them breathe has the them breathe has the them breather the breather them breather the breather them breather the breather them breather the breather them breather them breather them breather them breather them breather them breather the breather them breather the breather the breather the breather them breather the breather the breather the breather the breather the breather the breather th	day (in any kind ard some of the t 9.0 students who we	of physical activime during the 7 9.1 re physically activate increased the	vity that increase days before the 12.1 ive at least 60 meir heart rate and	ed their heart e survey) 13.0 ninutes per day	Increased, 2011-2017  No linear change	Not available  Not available	No change  No change
physical activ rate and made QNPA7DAY on all 7 days breathe hard s	ty on at least 1 them breathe has them breathe has them breathe has them breathe has the them breather the breather them breather the breather them breather	day (in any kind ard some of the t 9.0 students who we shysical activity to during the 7 day 29.7	of physical activime during the 7 9.1 re physically activitati increased the server before the survey	vity that increase days before the 12.1 vive at least 60 meir heart rate and vey) 22.7	ed their heart e survey) 13.0 ninutes per day d made them 26.6			

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

al Activity	Healt	h Risk Behavio	r and Percentag	ges		Linear Change <sup>†</sup>	Quadratic Change†	Change from 2015-2017 <sup>§</sup>
2007	2009	2011	2013	2015	2017			
more hours pe other tablet, a	ntage of students er day (counting smartphone, tex that was not sch	time spent on th ting, YouTube,	ings such as Xbo Instagram, Facel	ox, PlayStation, a book, or other so	an iPad or			
25.7	24.7	25.9	36.2	38.6	42.3	Increased, 2007-2017	No quadratic change	No change
	ntage of students verage week whe			n (PE) classes or	n 1 or more			
81.8	83.3	81.4	81.0	79.1	72.1	Decreased, 2007-2017	No quadratic change	No change
	Percentage of stu verage week whe			cation (PE) clas	sses on all 5			
21.5	20.3	17.1	25.0	18.4	13.7	No linear change	No quadratic change	No change

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

## **Rhode Island High School Survey** 10-year Trend Analysis Report

White\* Other

	Healt	h Risk Behavio	r and Percentag	es		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2015-2017 <sup>§</sup>
2007	2009	2011	2013	2015	2017			
	ntage of students ork, during the 1		ist (for a check-ue the survey)	ıp, exam, teeth c	eleaning, or			
			82.9	84.9	85.7	No linear change	Not available¶	No change
	Percentage of st her dental work		er saw a dentist (	for a check-up, e	exam, teeth			
			0.7	0.5	1.0	No linear change	Not available	No change
	ntage of students months before t		their grades in sc	hool as mostly A	A's or B's			
68.0	69.9	73.5	75.4	77.7	79.5	Increased, 2007-2017	No quadratic change	No change

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

## **Rhode Island High School Survey** 10-year Trend Analysis Report

White\* Site-Added

led	Healt	h Risk Behavio	r and Percentag	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2015-2017 §
2007	2009	2011	2013	2015	2017	•		
	ntage of students onths or more)	who have physi	ical disabilities o	r long-term heal	th problems			
11.5	10.0	11.8	9.3	8.7	8.2	Decreased, 2007-2017	No quadratic change	No change
	ntage of students neaning 6 months		term emotional p	problems or lear	ning			
13.6	12.9	15.7	13.2	15.1	16.6	No linear change	No quadratic change	No change
QN97: Perce	ntage of students	who live with s	omeone who sm	okes cigarettes				
			36.0	32.8	34.5	No linear change	Not available <sup>¶</sup>	No change
	ntage of students		it smoking cigare the survey)	ettes (among stu	dents who			
58.0	46.4	49.8	41.0	59.5	55.6	No linear change	Decreased, 2007-2013 No change, 2013-2017	No change

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

## **Rhode Island High School Survey** 10-year Trend Analysis Report

White\* Site-Added

	Healt	h Risk Behavio	r and Percentag	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2015-2017 §
2007	2009	2011	2013	2015	2017	•		
prescription (s		ts who ever took tin, Percocet, Vio						
		15.1	14.2	11.2	7.5	Decreased, 2011-2017	Not available <sup>¶</sup>	Decreased
		ts who currently				,		
prescription (s	such as OxyCon	ts who currently tin, Percocet, Vic 30 days before th	codin, codeine, A			No linear change	Not available	No change
prescription (sone or more ti	such as OxyCon imes during the	tin, Percocet, Vio	codin, codeine, A ne survey) took over-the-co	Adderall, Ritalin, 4.9	or Xanax, 3.4	No linear change	Not available	No change
prescription (some or more to	such as OxyCon imes during the	tin, Percocet, Vio	codin, codeine, A ne survey) took over-the-co	Adderall, Ritalin, 4.9	or Xanax, 3.4	No linear change  No linear change	Not available  Not available	No change  No change
Orescription (some or more times or more times QN109: Perc	such as OxyCon imes during the centage of studen s during the 30 d	tin, Percocet, Vio	took over-the-corvey)  3.2 their teeth or mo	4.9  Dunter drugs to g  3.1	3.4 get high (one 3.4			

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

## **Rhode Island High School Survey** 10-year Trend Analysis Report

White\* Site-Added

	Healt	h Risk Behavio	r and Percentag	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2015-2017 §
2007	2009	2011	2013	2015	2017			
	entage of studen s or embarrassed							
			16.8	17.4	19.8	No linear change	Not available¶	No change
ON111: Perc	entage of studen	ts who have had	the HPV vaccine	e, a vaccine to p	revent human			
	centage of studen as or HPV infecti					No linear change	Not available	No change
papillomaviru GARDASIL) QN112: Perc	entage of studen	ts who have been	56.4 n taught in school	53.6 state of the	shot, or 51.8 efits of not	No linear change	Not available	No change
papillomaviru GARDASIL) QN112: Perc	us or HPV infecti	ts who have been	56.4 n taught in school	53.6 state of the	shot, or 51.8 efits of not	No linear change  No linear change	Not available Not available	No change  Decreased
papillomaviru GARDASIL) QN112: Perc having sexual	entage of studen	ts who have been revent pregnance	56.4  n taught in schooly and sexually tra	53.6 If about the beneausmitted diseas 87.9	shot, or 51.8 efits of not es (STDs) 81.4			

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

## **Rhode Island High School Survey** 10-year Trend Analysis Report

White\* Site-A

	Healt	h Risk Behavio	r and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2015-2017 §			
2007	2009	2011	2013	2015	2017						
	entage of studen nat they can talk		there is at least of	one teacher or ot	her adult in						

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

# Rhode Island High School Survey 10-year Trend Analysis Report

					Linear Change <sup>†</sup>		Change from 2015-2017 §
2009	2011	2013	2015	2017			
	ho rarely or ne	ver wore a seat b	belt (when riding	g in a car			
19.0	17.5	13.5	12.1	15.0	No linear change	No quadratic change	No change
	of students w else) 19.0	of students who rarely or ne else) 19.0 17.5	of students who rarely or never wore a seat lelse) 19.0 17.5 13.5	of students who rarely or never wore a seat belt (when riding else)  19.0 17.5 13.5 12.1	of students who rarely or never wore a seat belt (when riding in a car else)	of students who rarely or never wore a seat belt (when riding in a car else)  19.0 17.5 13.5 12.1 15.0 No linear change	of students who rarely or never wore a seat belt (when riding in a car else)  19.0 17.5 13.5 12.1 15.0 No linear change No quadratic change

5.3

6.1

No linear change

No linear change

No quadratic change

Increased, 2007-2013

Decreased, 2013-2017

No change

No change

\*Non-Hispanic.

9.7

3.3

Black\*

QN13: Percentage of students who carried a weapon on school property (such as a gun,

QN15: Percentage of students who did not go to school because they felt unsafe at school or on their way to or from school (on at least 1 day during the 30 days before the survey)

10.4

14.9

6.0

6.0

knife, or club, on at least 1 day during the 30 days before the survey)

4.9

6.8

4.2

5.2

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

Black*		
Injury	and	Violence

nd Violence	Healt	h Risk Behavio	r and Percentag	ges	Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2015-2017 §	
2007	2009	2011	2013	2015	2017			
	ntage of students he 12 months be		physical fight on	school property	(one or more			
15.2	9.7	10.3	12.2	8.6	10.9	No linear change	No quadratic change	No change
QN19: Percer (when they die		who were ever	physically force	d to have sexual	intercourse			
10.3	5.6	6.7	11.5	8.3	6.2	No linear change	No quadratic change	No change
someone they kissing, touch want to, one o	were dating or g ing, or being phy r more times dur	going out with to vsically forced to ring the 12 mont	ed sexual dating do sexual thing b have sexual inthis before the sur months before the 12.2	s [counting such ercourse] that th evey, among stud	things as ey did not	No linear change	Not available <sup>¶</sup>	No change

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

and Violence										
	Healt	h Risk Behavio	r and Percentag	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2015-2017 §		
2007	2009	2011	2013	2015	2017					
hurt on purpose being hit, slanduring the 12	ntage of students se by someone the nmed into somet months before the ng the 12 months	ney were dating hing, or injured ne survey, amon	or going out with with an object or g students who d	h [counting such r weapon] one o	things as r more times					
			16.5	6.1	10.8	No linear change	Not available¶	No change		
QN23: Percer	ntage of students e the survey)	s who were bulli	ed on school pro	perty (ever duri	ng the 12					
	9.2	13.1	20.8	8.4	7.5	No linear change	Not available	No change		
	ntage of students ag, Instagram, Fa vey)									
		8.4	17.7	8.1	6.7	No linear change	Not available	No change		
	ntage of students ey stopped doing									
23.3	22.5	21.9	27.4	22.0	23.5	No linear change	No quadratic change	No change		

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

Black*		
Injury	and	Violence

Healtl	h Risk Behavio	and Percentag	Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2015-2017 §		
2009	2011	2013	2015	2017			
_	who seriously c	onsidered attem	pting suicide (ev	er during the			
8.9	8.2	22.3	10.6	9.3	No linear change	No quadratic change	No change
		n about how the	y would attempt	suicide			
9.1	11.4	12.7	10.4	15.7	No linear change	No quadratic change	No change
	who attempted	suicide (one or r	nore times durin	g the 12			
8.2	13.4	19.9	16.6	10.2	No linear change	No quadratic change	Decreased
1	age of students re the survey) 8.9 age of students nonths before t 9.1 age of students he survey)	age of students who seriously core the survey)  8.9  8.9  8.2  age of students who made a planonths before the survey)  9.1  11.4  age of students who attempted the survey)	age of students who seriously considered attem re the survey)  8.9  8.2  22.3  age of students who made a plan about how the nonths before the survey)  9.1  11.4  12.7  age of students who attempted suicide (one or refer the survey)	age of students who seriously considered attempting suicide (evere the survey)  8.9  8.2  22.3  10.6  age of students who made a plan about how they would attempt nonths before the survey)  9.1  11.4  12.7  10.4  age of students who attempted suicide (one or more times durin the survey)	age of students who seriously considered attempting suicide (ever during the re the survey)  8.9  8.2  22.3  10.6  9.3  age of students who made a plan about how they would attempt suicide months before the survey)  9.1  11.4  12.7  10.4  15.7  age of students who attempted suicide (one or more times during the 12 he survey)	age of students who seriously considered attempting suicide (ever during the re the survey)  8.9  8.2  22.3  10.6  9.3  No linear change age of students who made a plan about how they would attempt suicide months before the survey)  9.1  11.4  12.7  10.4  15.7  No linear change age of students who attempted suicide (one or more times during the 12 the survey)	age of students who seriously considered attempting suicide (ever during the re the survey)  8.9  8.2  22.3  10.6  9.3  No linear change  No quadratic change age of students who made a plan about how they would attempt suicide months before the survey)  9.1  11.4  12.7  10.4  15.7  No linear change  No quadratic change age of students who attempted suicide (one or more times during the 12 the survey)

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

## **Rhode Island High School Survey** 10-year Trend Analysis Report

Black\* Tobaco

	Healtl	h Risk Behavio	r and Percentag	es		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2015-2017 §
2007	2009	2011	2013	2015	2017			
QN30: Perce	ntage of students	who ever tried	cigarette smokin	g (even one or tv	wo puffs)			
35.8	34.0	33.3	24.9	15.9	13.5	Decreased, 2007-2017	No quadratic change	No change
QN32: Perce 30 days befor	ntage of students e the survey)	who currently s	moked cigarette	s (on at least 1 d	ay during the	-		
5.5	6.5	7.0	5.3	2.2	1.3	Decreased, 2007-2017	No quadratic change	No change
		dents who curre	ntly smoked ciga	rettes frequently	(on 20 or			
	ring the 30 days l							
				1.4	0.5	No linear change	No quadratic change	No change
0.9 QNDAYCIG	ring the 30 days l	2.9 tudents who cur	2.7			No linear change	No quadratic change	No change

<sup>\*</sup>Non-Hispanic.  $^{\dagger}$ Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.  $^{\$}$ Based on t-test analysis, p < 0.05.

Black*	
Tobacco	Use

	Healt	h Risk Behavio	r and Percentag	Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2015-2017 §		
2007	2009	2011	2013	2015	2017			
e-cigarettes, e	e-cigars, e-pipes,	vape pipes, vapi	an electronic var ing pens, e-hooka s, eGo, and Halo	ahs, and hookah				
				31.5	33.2	No linear change	Not available¶	No change
e-cigarettes, e blu, NJOY, V	e-cigars, e-pipes, 'use, MarkTen, I	vape pipes, vapi	used an electronions ong pens, e-hooka s, eGo, and Halo	ahs, and hookah	pens [such as			
e-cigarettes, e blu, NJOY, V	e-cigars, e-pipes, 'use, MarkTen, I	vape pipes, vapi	ng pens, e-hook	ahs, and hookah	pens [such as	No linear change	Not available	No change
e-cigarettes, eblu, NJOY, V 30 days befor QN38: Perce	e-cigars, e-pipes, Yuse, MarkTen, I te the survey)	vape pipes, vapi logic, Vapin Plu s who currently s	ing pens, e-hooka s, eGo, and Halo smoked cigars (c	ahs, and hookah], on at least 1 da	pens [such as ay during the	No linear change	Not available	No change
e-cigarettes, eblu, NJOY, V 30 days befor QN38: Perce	e-cigars, e-pipes, Yuse, MarkTen, I te the survey)	vape pipes, vapi logic, Vapin Plu s who currently s	ing pens, e-hooka s, eGo, and Halo smoked cigars (c	ahs, and hookah], on at least 1 da	pens [such as ay during the	No linear change  No linear change	Not available  No quadratic change	No change  No change
e-cigarettes, eblu, NJOY, V 30 days befor  QN38: Perce cigars, on at 1 11.1  QNTB2: Per	e-cigars, e-pipes, Yuse, MarkTen, I te the survey) Intage of students east 1 day during 6.0	vape pipes, vapi logic, Vapin Plu s who currently s the 30 days bef 12.4	ang pens, e-hooka s, eGo, and Halo smoked cigars (coor the survey)	ahs, and hookah], on at least 1 dans 15.2 igars, cigarillos, 8.4	pens [such as ay during the 12.3 or little 5.2			

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

Black*	
Alcohol and Other Da	rug Use

	Healt	h Risk Behavio	r and Percentag	Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2015-2017 §		
2007	2009	2011	2013	2015	2017			
	ntage of students ring their life)	s who ever drank	alcohol (at least	t one drink of ald	cohol, on at			
				43.5	44.9	No linear change	Not available¶	No change
QN41: Percenthan a few sip		s who had their f	irst drink of alco	hol before age 1	3 years (other			
18.5	20.9	17.2	24.0	17.1	14.1	No linear change	No quadratic change	No change
		s who currently o		least one drink	of alcohol, on			
28.9	22.5	30.6	33.7	20.0	19.1	No linear change	No quadratic change	No change
QN46: Percei	ntage of students	s who ever used	marijuana (one o	or more times du	ring their life)			
40.2	37.0	40.6	38.5	35.3	39.1	No linear change	No quadratic change	No change
QN47: Percei	ntage of students	s who tried marij	uana for the first	t time before age	e 13 years			
9.0	12.8	9.4	10.5	8.8	7.7	No linear change	No quadratic change	No change

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

Black*			
Alcohol and	Other	Drug	Use

	Healt	h Risk Behavio	r and Percentag	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2015-2017 §
2007	2009	2011	2013	2015	2017			
	ntage of students e the survey)	who currently t	ısed marijuana (	one or more time	es during the			
21.4	23.4	27.8	25.8	24.4	26.7	No linear change	No quadratic change	No change
powder, crack 6.1	ntage of students c, or freebase, on 2.7  ntage of students	e or more times 5.7	during their life)	7.2	8.6	No linear change	No quadratic change	No change
White," one o	r more times dur	ring their life)		4.7	7.4	No linear change	Not available¶	No change
				,	, , ,		1 (or a value)	140 change
QN53: Perce times during t	ntage of students	who ever used	ecstasy (also cal				1.000.000	100 change

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

<b>2017</b>	_		
d "K2." "Spice."			
or more times			
10.2	No linear change	Not available <sup>¶</sup>	No change
	10.2 scription (pills		

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

## **Rhode Island High School Survey 10-year Trend Analysis Report**

Black\* **Sexual Behaviors** 

	Healt	h Risk Behavio	and Percentag	es		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2015-2017 §
2007	2009	2011	2013	2015	2017			
QN59: Perce	ntage of students	who ever had se	exual intercourse					
56.3	53.2	53.1	41.7	42.3	42.9	Decreased, 2007-2017	No quadratic change	No change
QN60: Perce years	ntage of students	who had sexual	intercourse for t	he first time bef	Fore age 13			
10.7	12.8	14.7	12.0	6.1	3.8	Decreased, 2007-2017	No change, 2007-2011 Decreased, 2011-2017	No change
	C . 1 .	rubo had aarmal	intercourse with	four or more ne	ersons during			
	ntage of students	wiio iiau sexuai	intercourse with	rour or more pe				
QN61: Perce their life 22.8	24.0	22.2	16.2	13.8	10.4	Decreased, 2007-2017	No quadratic change	No change
their life 22.8  QN62: Perce	_	22.2 who were curre	16.2	13.8	10.4	Decreased, 2007-2017	No quadratic change	No change

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

Black* Sexual Bo	ehaviors	Healt	th Risk Behavio	or and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2015-2017 §
•	2007	2009	2011	2013	2015	2017			
			s who were ever e if they donated	tested for human l blood)	n immunodeficio	ency virus	No linear change	Not available <sup>¶</sup>	No change

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

Black* Weight Mai	nagement a	nd Dietary Beh	aviors						
		Healt	h Risk Behavio	r and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2015-2017 §
	2007	2009	2011	2013	2015	2017			
pe		oody mass index	ents who were ov x, based on sex-						
	19.1	20.3	11.7	18.4	10.4	14.9	Decreased, 2007-2017	No quadratic change	No change
Ql ind	NOBESE: P	Percentage of stu n sex- and age-s	idents who had o	obesity (>= 95th e data from the 2	percentile for be	ody mass th charts)¶			
	12.0	11.0	10.6	15.8	15.2	18.1	Increased, 2007-2017	No quadratic change	No change
Qì	N69: Percen	itage of students	s who were tryin	g to lose weight					· ·
	37.1	37.2	32.8	38.9	34.8	39.3	No linear change	No quadratic change	No change
Ql tin	N70: Percen	ntage of students	s who did not dri the survey)	nk fruit juice (10	00% fruit juices	one or more			
	16.9	19.8	16.8	18.5	24.7	19.3	No linear change	No quadratic change	No change
	N71: Percent		s who did not eat	fruit (one or mo	ore times during	the 7 days			
	21.3	19.0	15.7	18.2	18.1	18.1	No linear change	No quadratic change	No change

<sup>\*</sup>Non-Hispanic.

<sup>†</sup>Based on trend 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. In addition, beginning in 2017, new, slightly different ranges were used to calculate biologically implausible responses to height and weight questions.

	Healt	h Risk Behavio	r and Percenta	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2015-2017 §
2007	2009	2011	2013	2015	2017			
	centage of studer apple juice, or g				es (such as			
6.7	8.8	6.0	5.6	9.5	6.5	No linear change	No quadratic change	No change
				ruit juices one o				
	as orange juice,					No linear change	No quadratic change	No change
per day (such survey) 61.1 QNFR2: Pero	as orange juice,	55.9 apple juice, or g	65.7 or drank 100% 1	56.3	63.1 or more times	No linear change	No quadratic change	No change
per day (such survey) 61.1 QNFR2: Peroper day (such	52.4 centage of studer	55.9 apple juice, or g	65.7 or drank 100% 1	56.3	63.1 or more times	No linear change  No linear change	No quadratic change  No quadratic change	No change
per day (such survey) 61.1 QNFR2: Pero per day (such survey) 38.2 QNFR3: Pero	52.4 centage of studer as orange juice,	apple juice, or g  55.9  And this who ate fruit apple juice, or g  33.4  And this who ate fruit apple juice.	or drank 100% 1 strape juice, during 37.9	56.3  Truit juices two one of the 7 days before 34.6  Truit juices three	or more times fore the 28.9			

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

## **Rhode Island High School Survey** 10-year Trend Analysis Report

	Healt	h Risk Behavio	r and Percentag	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2015-2017 §
2007	2009	2011	2013	2015	2017			
QN72: Perce days before th	ntage of students ne survey)	s who did not ear	green salad (on	e or more times	during the 7			
39.9	49.8	47.1	48.9	55.7	43.7	No linear change	Increased, 2007-2013 No change, 2013-2017	No change
QN73: Perce before the sur	ntage of students	s who did not ear	t potatoes (one o	r more times du	ring the 7 days			
35.1	41.3	34.2	32.6	39.8	50.4	No linear change	No quadratic change	No change
QN74: Perce before the sur	ntage of students	s who did not ear	t carrots (one or	more times duri	ng the 7 days			
61.3	62.9	62.4	51.9	59.5	57.7	No linear change	No quadratic change	No change

29.4

No linear change

No quadratic change

No change

the 7 days before the survey)

31.2

21.8

28.8

25.6

27.3

<sup>\*</sup>Non-Hispanic.  $^{\dagger}$ Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.  $^{\$}$ Based on t-test analysis, p < 0.05.

	Healt	h Risk Behavio	r and Percentag	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2015-2017 §
2007	2009	2011	2013	2015	2017			
[excluding F1	ercentage of studench fries, fried fore the survey)							
11.2	11.6	12.3	10.3	13.6	9.3	No linear change	No quadratic change	No change
salad, potatoe	ercentage of studes [excluding Freducing the 7 days	nch fries, fried p	otatoes, or potat					
55.2	46.5	51.1	55.5	51.7	49.4	No linear change	No quadratic change	No change
salad, potatoe	ercentage of studes [excluding Freuring the 7 days	nch fries, fried p	otatoes, or potat					
salad, potatoe	es [excluding Fre	nch fries, fried p	otatoes, or potat			Increased, 2007-2017	No quadratic change	No change
salad, potatoe vegetables, d 22.1 QNVEG3: P salad, potatoe	es [excluding Fre uring the 7 days	nch fries, fried p pefore the survey 18.7 lents who ate ver nch fries, fried p	otatoes, or potaty)  27.4  getables three or otatoes, or potat	25.1	or other 30.5 day (green	Increased, 2007-2017	No quadratic change	No change

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

	Healt	h Risk Behavio	r and Percentag	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2015-2017 §
2007	2009	2011	2013	2015	2017			
	entage of students si, or Sprite, not o							
19.4	24.7	20.7	25.2	29.3	31.1	Increased, 2007-2017	No quadratic change	No change
QNSODA1:	Percentage of stu	idents who dran	k a can, bottle, o	r glass of soda o	r pop one or	+		
more times pe	Percentage of stuer day (such as C fore the survey)  22.7					Decreased, 2007-2017	No quadratic change	No change
more times pethe 7 days bethe 7 days bethe 27.1  QNSODA2: more times pethes pet	er day (such as C fore the survey)	oke, Pepsi, or S  21.2  Idents who dran	19.3 k a can, bottle, o	19.9 r glass of soda o	14.8	Decreased, 2007-2017	No quadratic change	No change
more times pethe 7 days bethe 7 days bethe 27.1  QNSODA2: more times pethes pet	er day (such as C fore the survey) 22.7 Percentage of stuer day (such as C	oke, Pepsi, or S  21.2  Idents who dran	19.3 k a can, bottle, o	19.9 r glass of soda o	14.8	Decreased, 2007-2017  Decreased, 2007-2017	No quadratic change  No quadratic change	No change
more times per the 7 days ber 27.1  QNSODA2: more times per the 7 days ber 18.6  QNSODA3: more times per t	er day (such as C fore the survey) 22.7  Percentage of stuer day (such as C fore the survey)	oke, Pepsi, or S  21.2  Idents who dran oke, Pepsi, or S  18.6	19.3 k a can, bottle, oprite, not counting 12.9 k a can, bottle, oprite, not counting	r glass of soda or di 19.9 r glass of soda o ng diet soda or di 12.2 r glass of soda o	14.8  r pop two or let pop, during 9.2  r pop three or	,		

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

Black*	
Physical	Activity

	Healt	h Risk Behavio	r and Percentag	res		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2015-2017 §
2007	2009	2011	2013	2015	2017			
or more days	(in any kind of p	s who were phys physical activity during the 7 day	that increased the	eir heart rate and				
		39.8	39.8	42.1	30.3	No linear change	Not available¶	No change
physical activ	ity on at least 1	students who did day (in any kind ard some of the t	of physical activ	ity that increase	d their heart			
are und made								
iaic and made		20.2	18.4	18.2	22.1	No linear change	Not available	No change
QNPA7DAY on all 7 days (	(in any kind of p	20.2 students who we hysical activity t during the 7 day	re physically act	ive at least 60 m	ninutes per day	No linear change	Not available	No change
QNPA7DAY on all 7 days (	(in any kind of p	students who we	re physically act	ive at least 60 m	ninutes per day	No linear change  No linear change	Not available  Not available	No change
QNPA7DAY on all 7 days oreathe hard s	(in any kind of p some of the time ntage of students	students who we hysical activity t during the 7 day	re physically act hat increased the s before the surv 23.6	ive at least 60 m bir heart rate and rey) 20.1	ninutes per day I made them 19.5			

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

### Rhode Island High School Survey 10-year Trend Analysis Report

	110411	h Risk Behavio		Linear Change <sup>†</sup>	Quadratic		
2007	2009	2011	2013	2015	2017		

more hours per day (counting time spent on things such as Xbox, PlayStation, an iPad or other tablet, a smartphone, texting, YouTube, Instagram, Facebook, or other social media, for something that was not school work, on an average school day)

32.7 35.0 32.7 45.0 38.8 40.3

QN82: Percentage of students who attended physical education (PE) classes on 1 or more

days (in an average week when they were in school)

77.1 84.9 71.9 69.3 68.3 67.6 Decreased, 2007-2017 No quadratic change No change

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

34.9 30.4 40.5 21.1 12.4 26.4 No linear change No quadratic change No change

Increased, 2007-2017

No quadratic change

\*Non-Hispanic.

Black\*

Change from

2015-2017 §

No change

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

## **Rhode Island High School Survey** 10-year Trend Analysis Report

Black\* Other

	Healt	h Risk Behavio	r and Percentag	ges		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2015-2017 §
2007	2009	2011	2013	2015	2017	_		
			tist (for a check-u	ıp, exam, teeth	cleaning, or			
omei demai w	ork, during the 1	2 months befor	e the survey)					
other dental w	ork, during the	12 months befor	67.3	64.8	56.3	Decreased, 2013-2017	Not available¶	No change
QNNODNT:		udents who nev	• •	-		Decreased, 2013-2017	Not available <sup>¶</sup>	No change
QNNODNT:	Percentage of st	udents who nev	67.3	-		Decreased, 2013-2017  No linear change	Not available <sup>¶</sup>	No change
QNNODNT: cleaning, or ot QN89: Percer	Percentage of st her dental work	udents who nev	67.3 er saw a dentist (	for a check-up,	exam, teeth 5.7	<u> </u>		

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

## **Rhode Island High School Survey** 10-year Trend Analysis Report

Black\* Site-Ac

ed	Healt	h Risk Behavio	r and Percentag	es	Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2015-2017 §	
2007	2009	2011	2013	2015	2017			
	ntage of students onths or more)	who have physi	cal disabilities or	r long-term heal	th problems			
9.1	5.5	9.9	5.4	6.0	6.0	No linear change	No quadratic change	No change
	ntage of students leaning 6 months		term emotional p	problems or lear	ning			
4.3	9.0	10.6	8.2	7.0	6.7	No linear change	No quadratic change	No change
QN97: Percei	ntage of students	who live with se	omeone who smo	okes cigarettes				
			24.0	18.4	22.7	No linear change	Not available¶	No change
prescription (s	entage of student such as OxyCont mes during their	in, Percocet, Vic	prescription dru codin, codeine, A	gs without a doc.dderall, Ritalin,	ctor's or Xanax,			
		9.2	14.4	9.0	4.9	No linear change	Not available	No change

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

## **Rhode Island High School Survey** 10-year Trend Analysis Report

Black\* Site-Added

dded	Healt	h Risk Behavior	r and Percentag	es	Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2015-2017 §	
2007	2009	2011	2013	2015				
prescription (s	such as OxyCon	ts who currently tin, Percocet, Vic 30 days before th	odin, codeine, A					
				5.0	4.1	No linear change	Not available <sup>¶</sup>	No change
		ts who currently ays before the sur		ounter drugs to g	et high (one			
			12.3	7.3	8.5	No linear change	Not available	No change
		ts who reported t		uth have been pa	ainful or sore			
			38.7	46.1	50.3	No linear change	Not available	No change
		ts who sometime because of their						
			17.3	17.3	22.4	No linear change	Not available	No change

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

## **Rhode Island High School Survey** 10-year Trend Analysis Report

Black\* Site-Ac

	Health	n Risk Behavior	and Percentag	es		Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2015-2017 §
2007	2009	2011	2013	2015	2017			
	entage of student as or HPV infection							
			35.5	36.0	43.6	No linear change	Not available¶	No change
	entage of student intercourse to pr			insmitted disease	es (STDs)		N	
				69.5	66.7	No linear change	Not available	No change
	· · · · · · · · · · · · · · · · · · ·		taught about A	IDS or HIV infe	ction in			
QN113: Perc	entage of student	s who have been	taugiit about A	abb of the time				
QN113: Perc 86.5	entage of student 80.5	77.5	67.0	71.0	71.7	Decreased, 2007-2017	No quadratic change	No change
86.5 QN115: Perc	_	77.5	67.0	71.0	71.7	Decreased, 2007-2017	No quadratic change	No change

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

## **Rhode Island High School Survey** 10-year Trend Analysis Report

Hispanic Injury and Violence

	Healt	h Risk Behavioi	and Percentag	ges	Linear Change*	Quadratic Change*	Change from 2015-2017 †	
2007	2009	2011	2013	2015	2017			
QN8: Percendriven by som	tage of students value else)	who rarely or ne	ver wore a seat b	elt (when riding	in a car			
20.4	19.7	17.2	10.9	11.2	8.2	Decreased, 2007-2017	No quadratic change	No change
	tage of students v				cohol (in a car			
29.6	29.0	29.1	24.7	21.9	16.5	Decreased, 2007-2017	No change, 2007-2011 Decreased, 2011-2017	No change
QN11: Perce	ntage of students day during the 30	days before the	survey, among					
on at least 1	le during the 30	days before the s	, 412 ( 43 )					
on at least 1	le during the 30	days before the s	24.0	40.5	31.5	No linear change	Not available <sup>§</sup>	No change
On at least 1 or other vehice  QN13: Perce	ntage of students	who carried a w	24.0	l property (such		No linear change	Not available <sup>8</sup>	No change

<sup>\*</sup>Based on trend 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.

## Rhode Island High School Survey 10-year Trend Analysis Report

Hispanic **Injury and Violence Health Risk Behavior and Percentages** Linear Change\* **Quadratic Change**\* Change from 2015-2017 † 2007 2009 2011 2013 2015 2017 QN15: Percentage of students who did not go to school because they felt unsafe at school or on their way to or from school (on at least 1 day during the 30 days before the survey) 8.2 14.1 10.4 9.7 8.2 10.1 No linear change No quadratic change No change QN18: Percentage of students who were in a physical fight on school property (one or more times during the 12 months before the survey) 10.1 12.3 10.6 8.4 14.5 13.7 No linear change No quadratic change No change QN19: Percentage of students who were ever physically forced to have sexual intercourse (when they did not want to) 8.8 No linear change 13.7 9.9 10.0 11.1 10.0 No quadratic change No change ON21: Percentage of students who experienced sexual dating violence (being forced by someone they were dating or going out with to do sexual things [counting such things as kissing, touching, or being physically forced to have sexual intercourse] that they did not want to, one or more times during the 12 months before the survey, among students who dated or went out with someone during the 12 months before the survey) 11.7 No linear change Not available§ No change 15.4

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

 $<sup>^{\</sup>dagger}$ Based on t-test analysis, p < 0.05.

Not enough years of data to calculate.

	Healt	h Risk Behavioi	and Percentag	ges		Linear Change <sup>*</sup>	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			
hurt on purpose being hit, sland during the 12	se by someone the somed into somet months before the	ney were dating of hing, or injured v	or going out with with an object of g students who d	g violence (being h [counting such r weapon] one or lated or went out	things as more times			
			11.2	11.1	8.4	No linear change	Not available§	No change
QN23: Percer months before		who were bullie	ed on school pro	perty (ever durin	ng the 12			
	13.8	14.2	14.4	11.4	14.8	No linear change	Not available	No change
ONI24. Domaio				(counting being ver during the 12				
through textin		14.5	10.6	9.9	13.1	No linear change	Not available	No change

<sup>\*</sup>Based on trend 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.

## **Rhode Island High School Survey** 10-year Trend Analysis Report

Hispanic Injury and Violence

Health	n Risk Behavion	r and Percentag	Linear Change*	Quadratic Change*	Change from 2015-2017 <sup>†</sup>		
2009	2011	2013	2015	2017			
age of students are the survey)	who seriously c	onsidered attemp	oting suicide (ev	er during the			
15.3	14.8	15.9	15.0	17.8	No linear change	No quadratic change	No change
age of students nonths before the	who made a pla	n about how the	y would attempt	suicide			
14.9	13.8	10.9	13.1	16.4	No linear change	Decreased, 2007-2013 Increased, 2013-2017	No change
age of students	who attempted	suicide (one or n	nore times durin	g the 12			
12.8	14.6	18.2	14.0	15.0	No linear change	No quadratic change	No change
1	age of students re the survey) 15.3 age of students nonths before the survey age of students he survey)	age of students who seriously core the survey)  15.3  14.8  age of students who made a planonths before the survey)  14.9  13.8  age of students who attempted the survey)	age of students who seriously considered attempted the survey)  15.3  14.8  15.9  age of students who made a plan about how they nonths before the survey)  14.9  13.8  10.9  age of students who attempted suicide (one or no he survey)	age of students who seriously considered attempting suicide (evere the survey)  15.3  14.8  15.9  15.0  age of students who made a plan about how they would attempt nonths before the survey)  14.9  13.8  10.9  13.1  age of students who attempted suicide (one or more times during the survey)	age of students who seriously considered attempting suicide (ever during the re the survey)  15.3  14.8  15.9  15.0  17.8  age of students who made a plan about how they would attempt suicide nonths before the survey)  14.9  13.8  10.9  13.1  16.4  age of students who attempted suicide (one or more times during the 12 he survey)	age of students who seriously considered attempting suicide (ever during the re the survey)  15.3  14.8  15.9  15.0  17.8  No linear change age of students who made a plan about how they would attempt suicide nonths before the survey)  14.9  13.8  10.9  13.1  16.4  No linear change age of students who attempted suicide (one or more times during the 12 the survey)	age of students who seriously considered attempting suicide (ever during the re the survey)  15.3  14.8  15.9  15.0  17.8  No linear change  No quadratic change  age of students who made a plan about how they would attempt suicide months before the survey)  14.9  13.8  10.9  13.1  16.4  No linear change  Decreased, 2007-2013 Increased, 2013-2017  age of students who attempted suicide (one or more times during the 12 the survey)

<sup>\*</sup>Based on trend 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.

## Rhode Island High School Survey 10-year Trend Analysis Report

Hispanic Tobacco Use

	Healt	h Risk Behavio	r and Percentag	ees	Linear Change*	Quadratic Change <sup>*</sup>	Change from 2015-2017 $^{\dagger}$	
2007	2009	2011	2013	2015	2017			
QN30: Perce	ntage of students	who ever tried	cigarette smokin	g (even one or tv	wo puffs)			
41.5	35.3	31.4	31.6	25.0	21.5	Decreased, 2007-2017	No quadratic change	No change
QN32: Perce 30 days befor	ntage of students e the survey)	s who currently s	moked cigarette	s (on at least 1 d	ay during the			
9.3	7.7	7.6	4.0	3.7	6.3	Decreased, 2007-2017	No quadratic change	3.7 1
	,	7.0	4.0	3.7	0.5	Decreased, 2007-2017	No quadratic change	No change
QNFRCIG: I	Percentage of studing the 30 days	dents who curre	ntly smoked ciga			Decreased, 2007-2017	No quadratic change	No change
QNFRCIG: I	Percentage of stud	dents who curre	ntly smoked ciga			Decreased, 2007-2017	No quadratic change	No change
QNFRCIG: F more days dur 4.6 QNDAYCIG:	Percentage of studing the 30 days	dents who currently before the survey 2.8	ntly smoked ciga y) 1.1	rettes frequently 2.5	y (on 20 or 2.3			

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

## **Rhode Island High School Survey** 10-year Trend Analysis Report

Hispanic Tobacco Use

	Healt	h Risk Behavio	r and Percentag	ges	Linear Change*	Quadratic Change*	Change from 2015-2017 †	
2007	2009	2011	2013	2015	2017			
e-cigarettes, e	entage of students e-cigars, e-pipes, Yuse, MarkTen, L	vape pipes, vapi	ng pens, e-hook	ahs, and hookah	uding pens [such as			
				44.9	39.7	Decreased, 2015-2017	Not available§	No change
e-cigarettes, e olu, NJOY, V	entage of students e-cigars, e-pipes, Yuse, MarkTen, L te the survey)	vape pipes, vapi	ng pens, e-hook	ahs, and hookah	pens [such as			
e-cigarettes, e blu, NJOY, V 30 days befor	e-cigars, e-pipes, /use, MarkTen, L re the survey)	vape pipes, vapi ogic, Vapin Plu	ng pens, e-hook s, eGo, and Halo	ahs, and hookah ], on at least 1 d	pens [such as lay during the	No linear change	Not available	No change
e-cigarettes, eblu, NJOY, V 30 days befor QN38: Perce	e-cigars, e-pipes, 'use, MarkTen, L	vape pipes, vapi .ogic, Vapin Plu s who currently s	ng pens, e-hook s, eGo, and Halo moked cigars (c	ahs, and hookah ], on at least 1 d	pens [such as lay during the	No linear change	Not available	No change
e-cigarettes, eblu, NJOY, V 30 days befor QN38: Perce	e-cigars, e-pipes, Yuse, MarkTen, L the the survey)	vape pipes, vapi .ogic, Vapin Plu s who currently s	ng pens, e-hook s, eGo, and Halo moked cigars (c	ahs, and hookah ], on at least 1 d	pens [such as lay during the	No linear change  Decreased, 2007-2017	Not available  No quadratic change	No change
e-cigarettes, eblu, NJOY, V 30 days befor  QN38: Perce cigars, on at 1 12.3  QNTB2: Per	e-cigars, e-pipes, Yuse, MarkTen, L re the survey) entage of students east 1 day during	vape pipes, vapi logic, Vapin Plu s who currently s the 30 days bef 10.0	ng pens, e-hooks, eGo, and Halo moked cigars (core the survey)	ahs, and hookah o], on at least 1 d 16.7 igars, cigarillos, 8.5	pens [such as ay during the 16.2 or little 6.6			

<sup>\*</sup>Based on trend 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.

## **Rhode Island High School Survey** 10-year Trend Analysis Report

Hispanic **Alcohol and Other Drug Use** 

	Healt	h Risk Behavio	k Behavior and Percentages Linear Change* Quadratic Change*						
2007	2009	2011	2013	2015	2017				
QN40: Percer least 1 day dur		who ever drank	alcohol (at least	t one drink of alo	cohol, on at				
				53.4	49.8	No linear change	Not available§	No change	
QN41: Percer than a few sip		who had their f	irst drink of alco	hol before age 1	3 years (other				
31.9	25.9	24.7	19.7	16.1	16.6	Decreased, 2007-2017	No quadratic change	No change	
		s who currently o	drank alcohol (atvey)	least one drink	of alcohol, on				
39.4	35.9	37.5	30.9	26.5	19.5	Decreased, 2007-2017	No quadratic change	No change	
QN46: Percei	ntage of students	who ever used	marijuana (one o	or more times du	ring their life)				
33.9	34.9	37.3	41.2	41.5	37.0	No linear change	No quadratic change	No change	
QN47: Percei	ntage of students	who tried marij	uana for the first	t time before age	e 13 years				
10.2	9.8	9.6	9.2	9.9	9.8	No linear change	No quadratic change	No change	

<sup>\*</sup>Based on trend 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.

## **Rhode Island High School Survey** 10-year Trend Analysis Report

Hispanic **Alcohol and Other Drug Use** 

	Healt	h Risk Behavior	r and Percentag	ges	Linear Change*	Quadratic Change*	Change from 2015-2017 †	
2007	2009	2011	2013	2015	2017			
QN48: Perce 30 days befor		who currently u	sed marijuana (	one or more time	es during the			
17.1	21.5	23.4	24.7	23.0	22.6	No linear change	No quadratic change	No change
		who ever used on the ever used of the ev		m of cocaine, inc	Eluding	No linear change	No quadratic change	No change
	ntage of students		neroin (also calle	ed "smack," "jun	k," or "China			
				6.3	5.0	No linear change	Not available§	No change
		1 1	octocy (also call	led "MDMA " or	ne or more			
QN53: Perce	ntage of students heir life)	wno ever used o	cestasy (also can	ied MDM/1, O	ic of more			

<sup>\*</sup>Based on trend 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.

and Other Dr	O	th Risk Behavio	r and Percentag	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			
QN54: Perce "fake weed," during their li	"King Kong," "Y	s who ever used Yucatan Fire," "S	synthetic mariju Skunk," or "Moon	ana (also called n Rocks," one or	"K2," "Spice," more times			
_				9.3	7.3	No linear change	Not available§	
					7.3		1 tot a variable	No change
QN55: Perce or shots, one	ntage of students	s who ever took	steroids without	a doctor's prescr			Tot available	No change

<sup>\*</sup>Based on trend 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.

## Rhode Island High School Survey 10-year Trend Analysis Report

Hispanic Sexual Behaviors

	Healt	h Risk Behavio	r and Percentag	es		Linear Change <sup>*</sup>	Quadratic Change*	Change from 2015-2017 <sup>†</sup>
2007	2009	2011	2013	2015	2017	•		
QN59: Percei	ntage of students	who ever had so	exual intercourse	;				
50.0	52.4	49.7	42.2	41.9	40.6	Decreased, 2007-2017	No quadratic change	No change
QN60: Percei	ntage of students	who had sexual	intercourse for t	he first time bef	ore age 13			
10.5	11.2	9.9	7.3	4.3	6.0	Decreased, 2007-2017	No quadratic change	No change
QN61: Percei	ntage of students	who had sexual	intercourse with	four or more pe	ersons during			
12.0	16.0	15.4	9.5	11.4	12.2	No linear change	No quadratic change	No change
QN62: Percei with at least o	ntage of students	who were curre g the 3 months b	ntly sexually act	ive (had sexual i	intercourse			
34.5	37.2	36.1	28.6	30.2	29.4	Decreased, 2007-2017	No quadratic change	No change

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

## **Rhode Island High School Survey** 10-year Trend Analysis Report

Hispanic Sexual Behaviors

	Healt	n Risk Behavior	r and Percentag	es		Linear Change*	Quadratic Change <sup>*</sup>	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017	-		
	ntage of students were currently se		dom during last	sexual intercour	se (among			
55.4	53.9	54.1	68.7	57.0	53.5	No linear change	No quadratic change	No change
			tested for human	immunodeficie	ncy virus			
(HIV) (not cou	unting tests done	if they donated who used birth		19.5	12.1	Decreased, 2015-2017	Not available <sup>§</sup>	Decreased
(HIV) (not cou	unting tests done	if they donated who used birth	blood) control pills before	19.5	12.1	Decreased, 2015-2017  No linear change	Not available <sup>8</sup> No change, 2007-2013 No change, 2013-2017	Decreased
QN65: Percer prevent pregna 14.8  QNIUDIMP: implant (such	ntage of students ancy, among students 10.5  Percentage of st as Implanon or I	who used birth dents who were a 11.6 udents who used Nexplanon) before	blood)  control pills befocurrently sexuall	19.5  ore last sexual in y active)  8.9  s Mirena or Para ercourse (to pre-	12.1 attercourse (to 21.2 aGard) or		No change, 2007-2013	

<sup>\*</sup>Based on trend 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.

Hispanic	
Sexual Behaviors	

	Healt	h Risk Behavio	r and Percentag	ges		Linear Change*	Quadratic Change <sup>*</sup>	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			
as OrthoEvra	: Percentage of ), or birth contro	l ring (such as N	uvaRing) before	last sexual inter				
			2.9	8.9	2.5	No linear change	Not available§	No change
ЭМОТННЫ.	· Percentage of	students who use	ed hirth control r	oills: an IIID (su	ch as Mirena			
or ParaGard) oatch (such as	: Percentage of or implant (such s OrthoEvra), or o prevent pregna	as Implanon or birth control ring	Nexplanon); or a g (such as Nuval	a shot (such as I Ring) before last	Depo-Provera), t sexual			
or ParaGard) patch (such as	or implant (such s OrthoEvra), or	as Implanon or birth control ring	Nexplanon); or a g (such as Nuval	a shot (such as I Ring) before last	Depo-Provera), t sexual	No linear change	Not available	No change
or ParaGard) patch (such as intercourse (to  QNDUALBC intercourse ar implanon or 1 irth control 1	or implant (such s OrthoEvra), or	students who us bills; an IUD (suc shot (such as Do vaRing) before la	Nexplanon); or a g (such as Nuval lents who were c 18.9  ed both a condor ch as Mirena or I epo-Provera), pa ast sexual interco	a shot (such as E Ring) before last currently sexuall 20.8 m during last sex ParaGard) or im tch (such as Ort	Depo-Provera), t sexual y active) 32.7 xual plant (such as hoEvra), or		Not available	No change

<sup>\*</sup>Based on trend 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.

## Rhode Island High School Survey 10-year Trend Analysis Report

Hispanic Sexual B									
		Health	Risk Behavio	r and Percentag	ges		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2015-2017 <sup>†</sup>
	2007	2009	2011	2013	2015	2017			

2007 2009 2011 2013 2015 2017

QNBCNONE: Percentage of students who did not use any method to prevent pregnancy during last sexual intercourse (among students who were currently sexually active)

21.8 20.7 23.2 15.9 18.4 16.5 No linear change No quadratic change No change

## Rhode Island High School Survey 10-year Trend Analysis Report

	Healt	h Risk Behavio	r and Percenta	ges		Linear Change*	Quadratic Change*	Change from 2015-2017
2007	2009	2011	2013	2015	2017			
	rcentage of stude body mass index charts)§							
16.8	21.3	20.7	21.2	19.6	18.5	No linear change	No quadratic change	No change
QNOBESE:	Percentage of stu	idents who had o	obesity (>= 95th	percentile for bo	ody mass			
QNOBESE: index, based of	Percentage of stu on sex- and age-s	idents who had of specific reference 15.3	obesity (>= 95th e data from the 2 16.6	percentile for be 2000 CDC growt 19.0	ody mass h charts) <sup>§</sup> 21.2	Increased, 2007-2017	No quadratic change	No change
index, based of	on sex- and age-s	specific reference 15.3	e data from the 2	2000 CDC growt 19.0	h charts)§	Increased, 2007-2017	No quadratic change	No change
index, based of	on sex- and age-s	specific reference 15.3	e data from the 2	2000 CDC growt 19.0	h charts)§	Increased, 2007-2017  No linear change	No quadratic change  No quadratic change	
13.6  QN69: Perce 50.9  QN70: Perce	on sex- and age-s 15.5 ntage of students	s who were trying 52.8 s who did not dri	16.6 g to lose weight 52.9	19.0 55.2	h charts)§ 21.2 55.5			No change

18.2

No linear change

No quadratic change

No change

15.2

16.4

†Based on t-test analysis, p < 0.05.

14.2

16.2

14.1

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

<sup>&</sup>lt;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. In addition, beginning in 2017, new, slightly different ranges were used to calculate biologically implausible responses to height and weight questions.

	Healt	h Risk Behavio	r and Percentag	ges		Linear Change*	Quadratic Change <sup>*</sup>	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			
QNFR0: Per orange juice,	centage of studer apple juice, or gr	nts who did not e	eat fruit or drink g the 7 days befo	100% fruit juice ore the survey)	es (such as			
5.6	6.6	5.7	6.0	7.4	9.6	No linear change	No quadratic change	No change
				ruit juices one o				
	as orange juice, 61.1					No linear change	No quadratic change	No change
per day (such survey) 54.3 QNFR2: Per	as orange juice,	62.1 apple juice, or g	58.9 or drank 100% f	56.4	56.5 or more times	No linear change	No quadratic change	No change
per day (such survey) 54.3 QNFR2: Per per day (such	as orange juice, 61.1 centage of studer	62.1 apple juice, or g	58.9 or drank 100% f	56.4	56.5 or more times	No linear change  No linear change	No quadratic change  No change, 2007-2011  Decreased, 2011-2017	No change
per day (such survey) 54.3 QNFR2: Per per day (such survey) 30.5 QNFR3: Per	61.1 centage of studer as orange juice,	apple juice, or g 62.1  Its who ate fruit apple juice, or g 35.8  Its who ate fruit	58.9 or drank 100% frape juice, durin 31.4 or drank 100% f	56.4  Truit juices two og the 7 days bef	ore the  56.5  or more times ore the  25.6  or more times		No change, 2007-2011	

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

## Rhode Island High School Survey 10-year Trend Analysis Report

Hispanic

**Weight Management and Dietary Behaviors** 

	Healt	h Risk Behavio	r and Percentag	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			
QN72: Perce		who did not eat	green salad (one	e or more times of	during the 7			
31.9	40.0	37.3	42.1	46.9	47.3	Increased, 2007-2017	No quadratic change	No change
QN73: Perceibefore the sur		who did not eat	potatoes (one or	r more times dur	ing the 7 days			
31.4	36.5	33.5	36.5	39.6	42.3	Increased, 2007-2017	No quadratic change	No change
QN74: Perceibefore the sur		who did not eat	carrots (one or 1	more times durin	ng the 7 days			
59.1	57.2	60.2	58.9	59.9	56.9	No linear change	No quadratic change	No change
	ntage of students ore the survey)	who did not eat	other vegetables	s (one or more ti	mes during			
28.7	30.3	24.9	30.9	29.8	30.8	No linear change	No quadratic change	No change

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

	nd Dietary Beh	aviors						
	Healt	h Risk Behavio	r and Percenta	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			
[excluding Fr				(green salad, pot s, or other veget				
7.9	9.4	8.4	10.6	11.4	12.1	No linear change	No quadratic change	No change
salad, potatoe	s [excluding Fre tring the 7 days	nch fries, fried p	otatoes, or potat	o chips], carrots	, or other			
53.1	51.9	55.9	51.2	49.3	45.1	No linear change	No quadratic change	No change
53.1 QNVEG2: Pesalad, potatoe	51.9	55.9 lents who ate vench fries, fried p	51.2 getables two or rotatoes, or potat	49.3 more times per do chips], carrots	ay (green	No linear change	No quadratic change	No change
53.1  QNVEG2: Pesalad, potatoe	51.9 ercentage of studes [excluding Fre	55.9 lents who ate vench fries, fried p	51.2 getables two or rotatoes, or potat	nore times per d	ay (green	No linear change	No quadratic change	No change
53.1  QNVEG2: P. salad, potatoe vegetables, du 22.2  QNVEG3: P. salad, potatoe	51.9 ercentage of studing Freuring the 7 days 23.8 ercentage of students	55.9  lents who ate vench fries, fried perfore the survence 24.3  lents who ate vench fries, fried performance per	getables two or rotatoes, or potatory)  22.7  getables three or otatoes, or potatoes, or potatory	more times per d	ay (green , or other 20.9			

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

	Healt	h Risk Behavio	r and Percentag	ges		Linear Change*	Quadratic Change*	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			
QN76: Perce as Coke, Peps survey)	ntage of students i, or Sprite, not o	who did not dri counting diet soc	ink a can, bottle, da or diet pop, du	or glass of soda aring the 7 days	or pop (such before the			
13.7	14.9 Percentage of stu	17.0	20.7	30.0	28.9	Increased, 2007-2017	No quadratic change	No change
QNSODA1: more times pethe 7 days bef	Percentage of stuer day (such as Core the survey)	idents who dran oke, Pepsi, or Sp	k a can, bottle, o	r glass of soda o ng diet soda or di	r pop one or et pop, during	,		
13.7  QNSODA1: more times pe	Percentage of stuer day (such as C	idents who dran	k a can, bottle, o	r glass of soda o	r pop one or	Increased, 2007-2017  Decreased, 2007-2017	No quadratic change  No quadratic change	No change
QNSODA1: more times pe the 7 days bef 30.2  QNSODA2: more times pe	Percentage of stuer day (such as Core the survey)	idents who dran oke, Pepsi, or Sp 22.0	k a can, bottle, oprite, not counting 20.8	r glass of soda o ng diet soda or di 15.7 r glass of soda o	r pop one or et pop, during 10.7	,		
QNSODA1: more times pe the 7 days bef 30.2  QNSODA2: more times pe	Percentage of sturn day (such as Core the survey)  26.4  Percentage of sturn day (such as Core the survey)	idents who dran oke, Pepsi, or Sp 22.0	k a can, bottle, oprite, not counting 20.8	r glass of soda o ng diet soda or di 15.7 r glass of soda o	r pop one or et pop, during 10.7	,		

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

## **Rhode Island High School Survey** 10-year Trend Analysis Report

Hispanic Physical Activity

	Healt	h Risk Behavio	r and Percentag	es		Linear Change*	Quadratic Change*	Change from 2015-2017 $^{\dagger}$
2007	2009	2011	2013	2015	2017			
or more days	(in any kind of p	s who were physical activity to during the 7 day	hat increased the	ir heart rate and				
		34.3	33.8	30.9	32.3	No linear change	Not available§	No change
hysical activ	ity on at least 1	students who did day (in any kind ard some of the t	of physical activ	ity that increase	d their heart			
		18.8	20.6	23.1	23.4	No linear change	Not available	No change
on all 7 days (	(in any kind of p	students who we hysical activity t during the 7 day	hat increased the	ir heart rate and	inutes per day made them			
		18.7	17.0	13.8	16.3	No linear change	Not available	No change
QN80: Perce		s who watched te	levision 3 or mo	re hours per day	(on an			
39.2	43.3	37.5	36.9	29.2	24.9	Decreased, 2007-2017	No change, 2007-2013 Decreased, 2013-2017	No change

<sup>\*</sup>Based on trend 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.

·	Healt	h Risk Behavio	r and Percentag	ges		Linear Change*	Quadratic Change <sup>*</sup>	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017			
more hours po	entage of students er day (counting a smartphone, tex g that was not sch	time spent on the ting, YouTube,	ings such as Xbo Instagram, Facel	ox, PlayStation, a book, or other so	ın iPad or			
26.1	33.5	33.6	41.7	46.7	46.7	Increased, 2007-2017	No quadratic change	No change
	entage of students	s who attended p		n (PE) classes or	1 or more			
	verage week whe	ii tiicy were iii st	,					
		70.0	66.8	61.4	66.2	No linear change	No quadratic change	No change
days (in an av 65.6 QNDLYPE:	verage week whe	70.0	66.8 ded physical edu			No linear change	No quadratic change	No change

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

## **Rhode Island High School Survey** 10-year Trend Analysis Report

Hispanic Other

	Healt	h Risk Behavio	r and Percentag	ges		Linear Change*	Quadratic Change <sup>*</sup>	Change from 2015-2017 †
2007	2009	2011	2013	2015	2017	-		
	ntage of students ork, during the		tist (for a check-ue the survey)	ıp, exam, teeth c	cleaning, or			
			68.7	67.9	72.4	No linear change	Not available§	No change
	Percentage of st ther dental work		er saw a dentist (	for a check-up, e	exam, teeth			
			2.6	3.4	1.9	No linear change	Not available	No change
	ntage of students months before t		their grades in sc	chool as mostly	A's or B's			
54.4	46.4	52.6	57.2	66.8	67.1	Increased, 2007-2017	No quadratic change	No change

<sup>\*</sup>Based on trend 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.

## **Rhode Island High School Survey** 10-year Trend Analysis Report

Hispanic Site-Added

	Healt	h Risk Behavioi	and Percentag	Linear Change*	Quadratic Change*	Change from 2015-2017 <sup>†</sup>		
2007	2009	2011	2013	2015	2017	-		
	ntage of students onths or more)	s who have physi	cal disabilities o	r long-term heal	th problems			
11.2	10.7	13.1	7.0	8.1	9.3	No linear change	No quadratic change	No change
	ntage of students eaning 6 months	s who have long- s or more)	term emotional 1	problems or lear	ning			
12.3	10.1	14.2	10.7	12.1	13.9	No linear change	No quadratic change	No change
QN97: Percei	ntage of students	s who live with se	omeone who sm	okes cigarettes				
			29.5	32.7	32.6	No linear change	Not available§	No change
prescription (s		ts who ever took tin, Percocet, Vic						
		11.9	10.5	11.4	6.8	Decreased, 2011-2017	Not available	No change

<sup>\*</sup>Based on trend 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.

## **Rhode Island High School Survey** 10-year Trend Analysis Report

Hispanic Site-Added

ieu	Healt	th Risk Behavio	r and Percentag	ges	Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2015-2017 †	
2007	2009	2011	2013	2015	2017	•		
prescription (s	such as OxyCon	ts who currently tin, Percocet, Vio 30 days before th	codin, codeine, A	ion drug without Adderall, Ritalin,	a doctor's or Xanax,			
				8.0	3.9	No linear change	Not available§	No change
		ts who currently ays before the su		ounter drugs to g	get high (one			
			7.7	7.2	5.4	No linear change	Not available	No change
		ts who reported to 12 months before		uth have been pa	ainful or sore			
			44.3	41.1	46.1	No linear change	Not available	No change
QN110: Perce self-conscious the survey)	entage of studen s or embarrassed	ts who sometimed because of their	es, most of the ti	me, or always w (during the 12 m	ere onths before			
			15.7	18.1	22.7	Increased, 2013-2017	Not available	No change

<sup>\*</sup>Based on trend 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.

## **Rhode Island High School Survey** 10-year Trend Analysis Report

Hispanic Site-Added

	Healt	h Risk Behavior	and Percentag	Linear Change*	Quadratic Change*	Change from 2015-2017 †		
2007	2009	2011	2013	2015	2017			
	entage of studen as or HPV infecti							
			44.2	40.8	40.3	No linear change	Not available§	No change
ON112. Dana	anto ao of studen	to who have been				No linear change	Not available <sup>§</sup>	No change
	entage of studen		n taught in schoo	ol about the bene	fits of not	No linear change	Not available <sup>§</sup>	No change
			n taught in schoo	ol about the bene	fits of not	No linear change  No linear change	Not available <sup>§</sup> Not available	No change  No change
having sexual	intercourse to p	revent pregnancy	n taught in school and sexually tra	ol about the bene ansmitted disease 72.7	fits of not es (STDs) 67.3			
having sexual		revent pregnancy	n taught in school and sexually tra	ol about the bene ansmitted disease 72.7	fits of not es (STDs) 67.3			
having sexual	intercourse to p	revent pregnancy	n taught in school and sexually tra	ol about the bene ansmitted disease 72.7	fits of not es (STDs) 67.3			
N113: Perc 83.8	entage of studen 79.4	ts who have beer	n taught in school y and sexually tra n taught about A 72.5	ol about the bene ansmitted disease 72.7 IDS or HIV infe 76.9	fits of not es (STDs) 67.3 ction in 72.6	No linear change	Not available	No change
QN113: Perc 83.8 QN115: Perc	entage of studen	ts who have beer 72.8	n taught in school y and sexually train n taught about A 72.5 here is at least o	ol about the bene ansmitted disease 72.7 IDS or HIV infe 76.9	fits of not es (STDs) 67.3 ction in 72.6	No linear change	Not available	No change

<sup>\*</sup>Based on trend 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.