Rhode Island High School Survey 10-year Trend Analysis Report

		Health Risk Behavi	ior and Percentag	es		Linear Change*	Quadratic Change*	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
N8: Percentage	of students who r	arely or never wore	a seat belt (when ri	ding in a car driven	by someone else)			
13.1	10.1	5.7	5.9	6.7	6.1	Decreased, 2009-2019	Decreased, 2009-2013 No change, 2013-2019	No change
		ode with a driver whos before the survey)		g alcohol (in a car	or other vehicle,			
23.1	21.9	20.1	17.5	13.9	14.0	Decreased, 2009-2019	No quadratic change	No change

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

[§]Not enough years of data to calculate.

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		Health Risk Behav	ior and Percentag	res		Linear Change*	Quadratic Change [*]	Change fron 2017-2019
2009	2011	2013	2015	2017	2019			
	age of students who	carried a weapon or e the survey)	school property (s	such as a gun, knife,	, or club, on at			
4.0	4.0	5.0	4.8	5.1	3.7	No linear change	No quadratic change	No change
rom school (on	at least 1 day durin	did not go to school g the 30 days before	the survey)		•			
				insafe at school or o	on their way to or			
				unsafe at school or 6	on their way to or 8.4	No linear change	No quadratic change	No chang
rom school (on 7.4	at least 1 day durin 5.9 age of students who	g the 30 days before	the survey) 6.0	6.9	8.4	No linear change	No quadratic change	No chang
7.4 N18: Percenta	at least 1 day durin 5.9 age of students who	g the 30 days before 7.2	the survey) 6.0	6.9	8.4	No linear change No linear change	No quadratic change Decreased, 2009-2013 Increased, 2013-2019	No chang
7.4 7.4 2N18: Percenta 2 months befor 9.1	at least 1 day durin 5.9 age of students who re the survey) 7.8	g the 30 days before 7.2 were in a physical f	6.0 fight on school prop	6.9 perty (one or more to	8.4 imes during the 9.6		Decreased, 2009-2013	

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

		Health Risk Behavi	or and Percentag	es		Linear Change*	Quadratic Change [*]	Change from 2017-2019
2009	2011	2013	2015	2017	2019	_		
dating or going forced to have s	out with to do sexua exual intercourse] the	experienced sexual of all things [counting sunt they did not want or went out with some	ich things as kissin to, one or more tir	g, touching, or beir nes during the 12 n	ng physically nonths before the			
		8.8	9.6	12.0	10.7	No linear change	Not available§	No change
								C
someone they w njured with an	vere dating or going object or weapon] o	experienced physica out with [counting some or more times dur- te during the 12 mon	uch things as being ring the 12 months	hit, slammed into before the survey,	something, or			
someone they winjured with an	vere dating or going object or weapon] o	out with [counting some or more times dur	uch things as being ring the 12 months	hit, slammed into before the survey,	something, or	No linear change	Not available	No chang
someone they winjured with an who dated or we	rere dating or going object or weapon] o ent out with someon	out with [counting some or more times during the 12 mone	uch things as being ring the 12 months ths before the surve 8.8	hit, slammed into before the survey, ey) 9.0	something, or among students 6.6	No linear change	Not available	

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

[§]Not enough years of data to calculate.

		Health Risk Behavi	ior and Percentag	es		Linear Change [*]	Quadratic Change [*]	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
		were electronically l l media, ever during			h texting,			
	15.3	14.3	12.4	14.2	13.0	No linear change	Not available§	No change
		felt sad or hopeless			row so that they			
		felt sad or hopeless ever during the 12 to 25.8			row so that they 32.3	Increased, 2009-2019	No change, 2009-2015 Increased, 2015-2019	No chang
topped doing so 25.0	ome usual activities 24.6	, ever during the 12 i	months before the s	survey) 29.4	32.3	Increased, 2009-2019		No change
25.0 25.0 2N26: Percenta	ome usual activities 24.6	ever during the 12 to 25.8	months before the s	survey) 29.4	32.3	Increased, 2009-2019 Increased, 2009-2019		No chang
25.0 25.0 2N26: Percentane survey) 11.8	24.6 age of students who 12.3 age of students who	25.8 seriously considered	26.4 d attempting suicide	29.4 e (ever during the 1	32.3 2 months before 13.3		Increased, 2015-2019	

^{*}Based on trend analyses using a logistic regression model controlling 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 Injury and Violence		Health Risk Behav	ior and Percentag	es		Linear Change [*]	Quadratic Change [*]	Change from 2017-2019 †
2009	2011	2013	2015	2017	2019			
QN28: Percentage survey)	e of students who	attempted suicide (one or more times d	luring the 12 month	as before the			
7.7	8.7	14.3	10.5	10.5	14.7	Increased, 2009-2019	No quadratic change	Increased

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

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bacco Use		Health Risk Behav	ior and Percentag	es		Linear Change [*]	Quadratic Change [*]	Change from 2017-2019 †
2009	2011	2013	2015	2017	2019			
QN30: Percenta	ge of students who	ever tried cigarette	smoking (even one	or two puffs)				
39.4	35.0	29.7	22.4	19.5	17.5	Decreased, 2009-2019	No quadratic change	No change
QN32: Percenta survey)	ge of students who	currently smoked ci	garettes (on at leas	t 1 day during the 3	0 days before the			
13.3	11.4	8.0	4.8	6.1	4.2	Decreased, 2009-2019	No quadratic change	No change
QNFRCIG: Pero 30 days before the		who currently smok	ed cigarettes freque	ently (on 20 or mor	e days during the			
5.4	4.4	3.1	1.5	1.7	1.6	Decreased, 2009-2019	No quadratic change	No change
QNDAYCIG: P before the survey		nts who currently sm	oked cigarettes dai	ly (on all 30 days d	uring the 30 days			
3.9	3.2	2.3	1.1	1.2	1.6	Decreased, 2009-2019	No quadratic change	No change

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

otal Obacco Use								
		Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change*	Change from 2017-2019 †
2009	2011	2013	2015	2017	2019			
	age of students who ipes, vaping pens, e- o, and Halo])							
			40.9	40.3	48.9	Increased, 2015-2019	Not available§	Increased
e-pipes, vape pi	age of students who ipes, vaping pens, e- o, and Halo], on at le	hookahs, and hooka	h pens [such as blu,	NJOY, Vuse, Mar				
			19.3	20.1	30.1	Increased, 2015-2019	Not available	Increased
	ercentage of students 30 days before the		electronic vapor pr	oducts frequently (on 20 or more			
			2.1	3.7	10.2	Increased, 2015-2019	Not available	Increased

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

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Fobacco Use		Health Risk Behav	ior and Percentag	es		Linear Change [*]	Quadratic Change*	Change from 2017-2019 [†]
2009	2011	2013	2015	2017	2019	_		
QNDAYEVP: the 30 days befo		nts who currently us	ed electronic vapor	products daily (on	all 30 days during			
			1.7	2.7	7.3	Increased, 2015-2019	Not available§	Increased

32.1

22.9

QN36: Percentage of students who usually got their own electronic vapor products by buying them in a store (such as a convenience store, supermarket, discount store, gas station, or vape store, during the 30 days before the survey, among students who currently used electronic vapor products and who were aged <18 years)

QNTB5: Percentage of students who currently smoked cigarettes or used electronic vapor products (on at least

21.2

17.2 12.9 No linear change Not available No change

Not available

Increased

Increased, 2015-2019

1 day during the 30 days before the survey)

^{*}Based on trend analyses using a logistic regression model controlling 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

		Health Risk Behav	ior and Percentag	es		Linear Change [*]	Quadratic Change [*]	Change from 2017-2019 †
2009	2011	2013	2015	2017	2019			
	age of students who	currently smoked ci	gars (cigars, cigari	llos, or little cigars,	on at least 1 day			
10.1	13.3	9.4	8.4	6.8	5.1	Decreased, 2009-2019	No change, 2009-2013 Decreased, 2013-2019	No change
		no currently smoked st 1 day during the 3			tobacco or			,
					tobacco or	Not available	Not available [§]	Not availab
electronic vapor	products (on at lease		0 days before the s	urvey) 100.0	100.0		<u>, </u>	Not availab

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

[§]Not enough years of data to calculate.

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		Health Risk Behavi	ior and Percentag	es		Linear Change*	Quadratic Change*	Change from 2017-2019 †
2009	2011	2013	2015	2017	2019	<u> </u>		
QN40: Percentag	ge of students who	had their first drink	of alcohol before a	ge 13 years (other t	han a few sips)			
15.8	15.6	13.5	11.4	12.1	10.2	Decreased, 2009-2019	No quadratic change	No change
	ge of students who	currently drank alco	hol (at least one dr	ink of alcohol, on a	t least 1 day			
34.0	34.0	30.9	26.1	23.2	21.5	Decreased, 2009-2019	No quadratic change	No change

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

[§]Not enough years of data to calculate.

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		Health Risk Behav	ior and Percentag	es		Linear Change [*]	Quadratic Change [*]	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
		usually got the alcol		omeone giving it to	them (during the			
		32.2	39.2	38.2	33.8	No linear change	Not available [§]	No change
9N45: Percenta 39.9	age of students who	ever used marijuana	a (one or more time	s during their life) 36.9	37.7	No linear change	No quadratic change	No chang
39.9	40.1	,	38.7	36.9	37.7	No linear change	No quadratic change	No change
39.9	40.1	39.5	38.7	36.9	37.7	No linear change Decreased, 2009-2019	No quadratic change No quadratic change	<u>-</u>
39.9 2N46: Percenta 8.3	40.1 age of students who 7.1	39.5 tried marijuana for t	38.7 the first time before 6.7	36.9 age 13 years 7.1	4.6	-		No chang No chang

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

[§]Not enough years of data to calculate.

		Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change*	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
QN48: Percenta	age of students who	ever used synthetic	marijuana (one or r	nore times during the	heir life)			
			8.8	6.0	7.7	No linear change	Not available [§]	No chang
	age of students who	ever took prescripti	on pain medicine w	ithout a doctor's pro	escription or			
ifferently than	how a doctor told the	nem to use it (counti more times during t	ng drugs such as co		yContin,			
ifferently than	how a doctor told the	nem to use it (counti	ng drugs such as co		yContin,	No linear change	Not available	No chang
lifferently than Hydrocodone, a	how a doctor told that defended Percocet, one or	nem to use it (counti more times during t	ng drugs such as co heir life)	deine, Vicodin, Öx 9.8	10.0	No linear change	Not available	No chanş

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

^{*}Not enough years of data to calculate.

						2017-2019	
2011	2013	2015	2017	2019			
	ever used heroin (a	lso called "smack,"	"junk," or "China W	White," one or			
uien me)		3.6	3.8	2.4	No linear change	Not available§	No change
	e of students who their life)	e of students who ever used heroin (al their life)	e of students who ever used heroin (also called "smack," their life) 3.6	e of students who ever used heroin (also called "smack," "junk," or "China W their life) 3.6 3.8	e of students who ever used heroin (also called "smack," "junk," or "China White," one or their life)	e of students who ever used heroin (also called "smack," "junk," or "China White," one or their life) 3.6 3.8 2.4 No linear change	e of students who ever used heroin (also called "smack," "junk," or "China White," one or their life) 3.6 3.8 2.4 No linear change Not available§

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

[§]Not enough years of data to calculate.

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cual Behaviors	1	Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change*	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
QN58: Percenta	ge of students who	ever had sexual inte	rcourse					
44.2	41.7	37.4	36.7	35.7	41.1	Decreased, 2009-2019	Decreased, 2009-2015 Increased, 2015-2019	No change
	ge of students who	were currently sexu the survey)	ally active (had sex	cual intercourse wit	h at least one			
32.3	29.8	27.0	25.7	25.5	32.1	No linear change	Decreased, 2009-2015 Increased, 2015-2019	Increased
	ge of students who tly sexually active)	drank alcohol or use	ed drugs before last	sexual intercourse	(among students			1
				17.3	16.4	No linear change	Not available§	No change
QN63: Percenta currently sexuall		used a condom duri	ng last sexual interd	course (among stud	lents who were			
61.2	59.1	67.6	61.4	57.8	55.3	No linear change	Increased, 2009-2013 Decreased, 2013-2019	No change

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

[§]Not enough years of data to calculate.

Total	
Sexual	Rehaviors

		Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change*	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
	ge of students who who were currently	used birth control posexually active)	ills before last sexu	al intercourse (to p	revent pregnancy,			
	9-1	260	260	20.4	24.2	NT. Paramatana	No and dustin about	No obongo
21.6	26.1	26.0	26.9	29.4 ParaGard) or impla	24.2	No linear change	No quadratic change	No change
QNIUDIMP: Pe	rcentage of student planon) before last	26.0 as who used an IUD sexual intercourse ((such as Mirena or	ParaGard) or impla	ant (such as	Increased, 2013-2019	No quadratic change Not available [§]	
ONIUDIMP: Pe mplanon or Nex urrently sexually	rcentage of student planon) before last y active) ercentage of student s (such as NuvaRin	s who used an IUD sexual intercourse ((such as Mirena or to prevent pregnan 2.3	ParaGard) or implacy, among students 3.8 era), patch (such as	ant (such as who were 8.5	Increased, 2013-2019		No change

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

[§]Not enough years of data to calculate.

		Health Risk Behavi	or and Percentag	es		Linear Change [*]	Quadratic Change [*]	Change from 2017-2019
2009	2011	2013	2015	2017	2019	_		
implant (such as	Implanon or Nexp h as NuvaRing) be	nts who used birth co lanon); or a shot (suc fore last sexual interc	ch as Depo-Provera), patch (such as O	rthoEvra), or birth			
·	•	31.1	33.3	36.9	37.0	No linear change	Not available§	No chang
oills; an IUD (su Depo-Provera), p	ch as Mirena or Pa patch (such as Orth	nts who used both a craGard) or implant (so Evra), or birth contiumong students who	such as Implanon o rol ring (such as Nu	r Nexplanon); or a avaRing) before las	shot (such as			

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

[§]Not enough years of data to calculate.

]	Health Risk Behavi	ior and Percentag	es		Linear Change [*]	Quadratic Change*	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
		ho were overweight c reference data from			ile for body mass			
16.5	14.9	16.2	14.7	15.8	14.6	No linear change	No quadratic change	No change
		who had obesity (>on the 2000 CDC grown		or body mass index,	based on sex-			
and age-specific								
10.2	10.8	10.7	12.0	15.6	14.3	Increased, 2009-2019	No quadratic change	No change
10.2	10.8	10.7 were trying to lose v		15.6	14.3	Increased, 2009-2019	No quadratic change	No change
10.2	10.8			49.0	46.1	Increased, 2009-2019 No linear change	No quadratic change No quadratic change	No chang
10.2 QN68: Percenta 45.5	ge of students who 46.0	were trying to lose v	weight 45.8	49.0	46.1	, 		

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

[§]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.

		Health Risk Behav	ior and Percentag	es		Linear Change [*]	Quadratic Change [*]	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
QN70: Percenta	ge of students who	did not eat fruit (on	e or more times dur	ing the 7 days befo	re the survey)			
12.8	12.5	12.4	12.5	15.2	10.6	No linear change	No quadratic change	Decreased
		o did not eat fruit or ys before the survey		uices (such as oran	ge juice, apple			,
5.4	5.0	5.1	6.4	7.8	6.3	Increased, 2009-2019	No quadratic change	No change
		o ate fruit or drank nice, during the 7 da			er day (such as			
5 5 . 11	5 . 0 1 3		•	•				

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

]	Health Risk Behavi	ior and Percentag	es		Linear Change*	Quadratic Change*	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
		o ate fruit or drank laice, during the 7 da			er day (such as			
34.9	34.1	32.6	29.6	27.6	28.6	Decreased, 2009-2019	No quadratic change	No change
	 	1	· · · · · · · · · · · · · · · · · · ·					,
	ge of students who	did not eat green sal	lad (one or more tin	nes during the 7 da	ys before the 40.4	Increased, 2009-2019	No quadratic change	No chang
urvey) 35.9	33.9		40.2	40.5	40.4	Increased, 2009-2019	No quadratic change	No chang
urvey) 35.9	33.9	34.8	40.2	40.5	40.4	Increased, 2009-2019 Increased, 2009-2019	No quadratic change No quadratic change	No chang No chang
urvey) 35.9 QN72: Percenta 28.4	33.9 ge of students who 28.1	34.8 did not eat potatoes	40.2 (one or more times 35.4	40.5 during the 7 days 38.1	40.4 before the survey) 39.2			

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

		Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change [*]	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
QN74: Percenta survey)	ge of students who	did not eat other ve	getables (one or mo	ore times during the	7 days before the			
18.7	16.6	17.5	20.4	21.4	18.2	No linear change	No quadratic change	No change
		who did not eat vege ots, or other vegetab						
6.1	5.3	6.2	7.1	8.5	7.6	Increased, 2009-2019	No quadratic change	No chang
		who ate vegetables of these, or potato chips],						

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

]	Health Risk Behavi	or and Percentag	es		Linear Change [*]	Quadratic Change [*]	Change fron 2017-2019
2009	2011	2013	2015	2017	2019	<u> </u>		
ONVEG2: Perce	entage of students w	ho ate vegetables two or more times per day (green salad, potatoes s, or potato chips], carrots, or other vegetables, during the 7 days before						
excluding Frenche survey)	ch fries, fried potato	es, or potato chips],	carrots, or other ve	getables, during the	e 7 days before	No linear change	No quadratic change	No change
excluding Frenche survey) 27.9 QNVEG3: Percenthe	29.6 entage of students w	28.6 who ate vegetables the	23.9	24.8 per day (green salad	25.7 d, potatoes	No linear change	No quadratic change	No change
excluding Frenche survey) 27.9 QNVEG3: Percenthe	ch fries, fried potatoo	28.6 who ate vegetables the	23.9	24.8 per day (green salad	25.7 d, potatoes	No linear change	No quadratic change	No change

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

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its who were phy			2017 tes per day on 5 or	2019			
			he hard some of the	e time during the			
7 4	14.9	43.7	41.3	41.4	No linear change	Not available§	No change
nysical activity the efore the survey)	nat increased th				Increased, 2011-2019	Not available	No change
f	hysical activity thefore the survey) 1 f students who w	hysical activity that increased thefore the survey) 1 12.8 f students who were physically	hysical activity that increased their heart rate are fore the survey) 1 12.8 16.0 f students who were physically active at least 6	hysical activity that increased their heart rate and made them breat efore the survey) 1 12.8 16.0 16.5 f students who were physically active at least 60 minutes per day		hysical activity that increased their heart rate and made them breathe hard some of efore the survey) 1 12.8 16.0 16.5 15.4 Increased, 2011-2019 f students who were physically active at least 60 minutes per day on all 7 days (in	hysical activity that increased their heart rate and made them breathe hard some of effore the survey) 1 12.8 16.0 16.5 15.4 Increased, 2011-2019 Not available f students who were physically active at least 60 minutes per day on all 7 days (in

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

[§]Not enough years of data to calculate.

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	j	Health Risk Behavi	ior and Percentag	res		Linear Change*	Quadratic Change*	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
ay (counting tin	ne spent on things s	played video or com such as Xbox, PlayS other social media, f	tation, an iPad or o	ther tablet, a smartp	phone, texting,			
27.8	28.4	38.5	40.0	43.4	47.0	Increased, 2009-2019	No quadratic change	No change
N81: Percenta	ge of students who	attended physical ed	lucation (PE) class	es on 1 or more day	s (in an average			
N81: Percenta			ducation (PE) classo	es on 1 or more day	s (in an average	Decreased, 2009-2019	No quadratic change	No change
N81: Percentageek when they 82.3	ge of students who were in school) 78.3	attended physical ed	73.2	70.3	70.8	Decreased, 2009-2019	No quadratic change	No change
N81: Percenta reek when they 82.3	ge of students who were in school) 78.3 centage of students	attended physical ed	73.2	70.3	70.8	Decreased, 2009-2019 No linear change	No quadratic change No quadratic change	No change
N81: Percenta eek when they 82.3 NDLYPE: Per eek when they 22.2 N83: Percenta	ge of students who were in school) 78.3 centage of students were in school) 23.2	attended physical economics 76.9 who attended physical economics 25.7 had a concussion from the physical economics 25.7	73.2 cal education (PE)	70.3 classes on all 5 day	70.8 es (in an average			

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

[§]Not enough years of data to calculate.

otal Other		Health Risk Behav	ior and Percentag	es		Linear Change [*]	Quadratic Change*	Change from 2017-2019 †
2009	2011	2013	2015	2017	2019			
	ge of students who onths before the sur	saw a dentist (for a vey)	check-up, exam, te	eth cleaning, or oth	er dental work,			
		77.3	78.0	79.4	77.7	No linear change	Not available§	No change
QNNODNT: Pe	rcentage of student	s who never saw a d	entist (for a check-	up, exam, teeth clea	aning, or other			
		1.4	1.7	2.0	2.2	No linear change	Not available	No change
QN89: Percenta before the survey		described their grad	es in school as mos	stly A's or B's (duri	ng the 12 months			
62.9	67.4	70.5	74.8	75.5	74.8	Increased, 2009-2019	No quadratic change	No change

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

Rhode Island High School Survey 10-year Trend Analysis Report

	Health Risk Behavi	ior and Percentag	es		Linear Change [*]	Quadratic Change*	Change from 2017-2019
2011	2013	2015	2017	2019			
ge of students who	have physical disabi	ilities or long-term	health problems (m	neaning 6 months			
12.2	8.5	8.7	8.6	8.0	Decreased, 2009-2019	No quadratic change	No change
ge of students who	have long-term emo	otional problems or	learning disabilities	s (meaning 6			
14.9	12.4	13.8	15.2	17.7	Increased, 2009-2019	No quadratic change	No change
ge of students who	are transgender						
			2.3	1.5	No linear change	Not available [§]	No change
ge of students who	think other people a	t school would des	cribe them as equal	ly feminine and			
			12.2	11 1	No linear change	Not available	No change
	2011 ge of students who 12.2 ge of students who 14.9 ge of students who	2011 2013 ge of students who have physical disables 12.2 8.5 ge of students who have long-term emotion 14.9 12.4 ge of students who are transgender	2011 2013 2015 ge of students who have physical disabilities or long-term 12.2 8.5 8.7 ge of students who have long-term emotional problems or 14.9 12.4 13.8 ge of students who are transgender	ge of students who have physical disabilities or long-term health problems (m. 12.2 8.5 8.7 8.6 ge of students who have long-term emotional problems or learning disabilities 14.9 12.4 13.8 15.2 ge of students who are transgender 2.3 ge of students who think other people at school would describe them as equal	2011 2013 2015 2017 2019 ge of students who have physical disabilities or long-term health problems (meaning 6 months 12.2 8.5 8.7 8.6 8.0 ge of students who have long-term emotional problems or learning disabilities (meaning 6 14.9 12.4 13.8 15.2 17.7 ge of students who are transgender 2.3 1.5 ge of students who think other people at school would describe them as equally feminine and	2011 2013 2015 2017 2019 ge of students who have physical disabilities or long-term health problems (meaning 6 months 12.2 8.5 8.7 8.6 8.0 Decreased, 2009-2019 ge of students who have long-term emotional problems or learning disabilities (meaning 6 14.9 12.4 13.8 15.2 17.7 Increased, 2009-2019 ge of students who are transgender 2.3 1.5 No linear change ge of students who think other people at school would describe them as equally feminine and	2011 2013 2015 2017 2019 ge of students who have physical disabilities or long-term health problems (meaning 6 months 12.2 8.5 8.7 8.6 8.0 Decreased, 2009-2019 No quadratic change ge of students who have long-term emotional problems or learning disabilities (meaning 6 14.9 12.4 13.8 15.2 17.7 Increased, 2009-2019 No quadratic change ge of students who are transgender 2.3 1.5 No linear change Not available§

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

[§]Not enough years of data to calculate.

Rhode Island High School Survey 10-year Trend Analysis Report

		Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change*	Change from 2017-2019 †
2009	2011	2013	2015	2017	2019			
QN98: Percent	age of students who	reported someone v	who lives with them	smokes cigarettes	·			
		33.6	32.4	32.9	24.7	Decreased, 2013-2019	Not available§	Decreased
	ntage of students wh	o used electronic-va	por products mainl	y because a friend o	or family member			
used them				14.5	12.5	No linear change	Not available	No ahanga
				14.3	12.3	No linear change	Not available	No change
	ntage of students wh	o smoked tobacco ir re the survey)	a hookah, narghile	e, or other type of w	vaterpipe (on at	· ·		
least I day dull								

^{*}Based on trend 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 Site-Added **Health Risk Behavior and Percentages** Linear Change* Quadratic Change* Change from 2017-2019 [†] 2009 2011 2013 2015 2017 2019 QN102: Percentage of students who currently used smokeless tobacco (chewing tobacco, snuff, dip, snus, or dissolvable tobacco products [such as Redman, Levi Garrett, Beechnut, Skoal, Skoal Bandits, Copenhagen, Camel Snus, Marlboro Snus, General Snus, Ariva, Stonewall, or Camel Orbs], not counting any electronic vapor products, on at least 1 day during the 30 days before the survey) 5.0 2.5 Decreased, 2017-2019 Not available§ Decreased QN103: Percentage of students who currently used a tobacco product that was flavored to taste like menthol (mint), alcohol (wine, cognac), candy, fruit, chocolate or other sweets (on at least 1 day during the 30 days before the survey) 8.9 13.0 Increased, 2017-2019 Not available Increased QN108: Percentage of students who last got their prescription drug without a doctor's prescription by taking it from a friend or relative without asking (among students who have ever taken a prescription drug without a doctor's prescription) 14.3 13.0 No linear change Not available No change

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

[§]Not enough years of data to calculate.

Rhode Island High School Survey 10-year Trend Analysis Report

		Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change*	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
	ntage of students wh	no currently took ove	r-the-counter drugs	to get high (one or	more times			
		5.3	4.9	4.6	3.5	Decreased, 2013-2019	Not available§	No change
								+
		no most of the time or lays before the survey		ry because there w	as not enough	No linear change	Not available	No change
ood in their ho N113: Percer	ome (during the 30 d	lays before the survey	y)	4.7	4.7		Not available	No change
ood in their ho QN113: Percer	ome (during the 30 d	lays before the survey	y)	4.7	4.7		Not available Not available	No change
N113: Perceruring the 12 m	ntage of students whoonths before the sunntage of students whoonths before the sunntage of students who	lays before the survey	an or mouth have been 43.3 of the time, or always	4.7 en painful or sore (c) 44.5 ys were self-conscie	4.7 one or more times 49.7			

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

[§]Not enough years of data to calculate.

Rhode Island High School Survey 10-year Trend Analysis Report

		Health Risk Behav	ior and Percentag	res		Linear Change*	Quadratic Change [*]	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
		o have been taught i d sexually transmitt			ng sexual			
			82.1	76.6	71.9	Decreased, 2015-2019	Not available§	No change
N116: Percen	tage of students wh	o have been taught a	about AIDS or HIV	infection in school				
86.7	83.3	82.5	83.9	81.3	76.8	Decreased, 2009-2019	No quadratic change	No change
		o reported their men east 1 day during th			ess, depression,			
				62.1	64.2	No linear change	Not available	No change
	tage of students whey have a problem	o reported there is a	t least one teacher of	or other adult in the	ir school that they			
			72.3	70.8	67.9	Decreased, 2015-2019	Not available	No chang

^{*}Based on trend 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

		Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change [*]	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
QN8: Percentag	ge of students who r	arely or never wore	a seat belt (when ri	ding in a car driven	by someone else)			
16.0	12.4	7.3	7.6	8.6	6.5	Decreased, 2009-2019	Decreased, 2009-2013 No change, 2013-2019	No change
		ode with a driver whos before the survey)		g alcohol (in a car	or other vehicle,			
22.0	22.3	19.2	15.9	15.2	14.2	Decreased, 2009-2019	No quadratic change	No change
	ys before the survey	texted or e-mailed v						
		40.6	46.0	41.3	27.4	Decreased, 2013-2019	Not available§	Decreased
	age of students who	carried a weapon on e the survey)	school property (s	uch as a gun, knife	, or club, on at			
	5.7	7.4	7.0	6.8	4.3	No linear change	No change, 2009-2013	No change

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

[§]Not enough years of data to calculate.

Rhode Island High School Survey 10-year Trend Analysis Report

Male **Injury and Violence Health Risk Behavior and Percentages** Linear Change* Quadratic Change* Change from 2017-2019 † 2009 2011 2013 2015 2017 2019 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) 6.9 5.7 6.9 6.7 5.6 7.5 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) 11.7 10.2 8.0 11.1 12.7 Decreased, 2009-2013 No change 11.9 No linear change Increased, 2013-2019

7.6

5.7

No linear change

QN19: Percentage of students who were ever physically forced to have sexual intercourse (when they did not

6.4

7.0

want to)

5.3

5.2

No change

No quadratic change

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

		Health Risk Behavi	or and Percentag	es		Linear Change*	Quadratic Change [*]	Change fron 2017-2019
2009	2011	2013	2015	2017	2019	_		
dating or going forced to have s	out with to do sexua exual intercourse] the	experienced sexual of all things [counting su they did not want or went out with som	ich things as kissin to, one or more tir	g, touching, or bein nes during the 12 m	g physically nonths before the			
		5.2	5.9	7.7	4.4	No linear change	Not available§	No change
someone they w njured with an	vere dating or going object or weapon] o	experienced physica out with [counting so ne or more times dur e during the 12 mon	uch things as being ring the 12 months	hit, slammed into s before the survey, a	something, or			
someone they w njured with an	vere dating or going object or weapon] o	out with [counting so ne or more times dur	uch things as being ring the 12 months	hit, slammed into s before the survey, a	something, or	No linear change	Not available	No chang
someone they w njured with an who dated or we	rere dating or going object or weapon] o ent out with someon	out with [counting some or more times during the 12 mone	uch things as being ring the 12 months ths before the surve 7.9	hit, slammed into a before the survey, a ey) 7.9	something, or among students 5.1	No linear change	Not available	No chang

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

[§]Not enough years of data to calculate.

		Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change [*]	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
		were electronically l media, ever during			h texting,			
	10.1	9.3	9.5	10.5	8.9	No linear change	Not available§	No change
		felt sad or hopeless, ever during the 12			row so that they			
					row so that they 23.9	Increased, 2009-2019	No change, 2009-2013 Increased, 2013-2019	No change
stopped doing so 20.3	ome usual activities	ever during the 12	months before the s	20.7	23.9	Increased, 2009-2019		No change
20.3 QN26: Percenta	ome usual activities	ever during the 12 to 16.5	months before the s	20.7	23.9	Increased, 2009-2019 No linear change		No chang
20.3 QN26: Percentathe survey) 9.0	17.6 age of students who 10.1 age of students who	16.5 seriously considered	17.2 d attempting suicide 8.9	20.7 e (ever during the 1	23.9 2 months before 10.7		Increased, 2013-2019	

^{*}Based on trend analyses using a logistic regression model controlling 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 Injury and Violence		Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change [*]	Change from 2017-2019 †
2009	2011	2013	2015	2017	2019			
QN28: Percentage survey)	e of students who	attempted suicide (d	one or more times of	luring the 12 month	ns before the			
7.1	9.1	14.1	8.3	9.4	15.5	Increased, 2009-2019	No quadratic change	Increased

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

Rhode Island High School Survey 10-year Trend Analysis Report

Male Tobacco Use

		Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change*	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
QN30: Percenta	ige of students who	ever tried cigarette	smoking (even one	or two puffs)	·			
39.9	37.1	30.5	24.4	20.6	19.1	Decreased, 2009-2019	No quadratic change	No change
QN32: Percenta urvey)	age of students who	currently smoked ci	garettes (on at least	t 1 day during the 3	0 days before the			
13.3	13.3	8.0	5.0	6.6	5.7	Decreased, 2009-2019	No quadratic change	No change
ONFRCIG: Pero 0 days before the		who currently smok	ed cigarettes freque	ently (on 20 or more	e days during the			
5.6	5.6	3.7	1.4	1.3	2.3	Decreased, 2009-2019	No quadratic change	No change
QNDAYCIG: Poefore the survey		its who currently sm	oked cigarettes dai	ly (on all 30 days d	uring the 30 days			
4.1	4.3	2.8	1.1	0.9	2.3	Decreased, 2009-2019	No quadratic change	No change

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

		Health Risk Beha	vior and Percentag	es		Linear Change [*]	Quadratic Change [*]	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
	ipes, vaping pens, e-		onic vapor product (ah pens [such as blu,					
			42.3	41.1	46.0	No linear change	Not available§	No chang
								_
e-pipes, vape pi	ipes, vaping pens, e-	hookahs, and hooka	electronic vapor prod ah pens [such as blu, e 30 days before the 20.2	NJOY, Vuse, Mar		Increased, 2015-2019	Not available	No chang
-pipes, vape pi /apin Plus, eGo	ipes, vaping pens, e- o, and Halo], on at l	hookahs, and hooka east 1 day during th s who currently used	ah pens [such as blu, e 30 days before the	NJOY, Vuse, Mar survey) 22.3	kTen, Logic,		Not available	No chang

^{*}Based on trend analyses using a logistic regression model controlling 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

		Health Risk Behav	vior and Percentag	res		Linear Change [*]	ge* Quadratic Change*	Change fro 2017-201
	2011	2013	2015	2017	2019			
2009	2011	2013	2013	2017	2019			
	Percentage of stude	nts who currently us						

31.2

25.3

20.3

QN36: Percentage of students who usually got their own electronic vapor products by buying them in a store (such as a convenience store, supermarket, discount store, gas station, or vape store, during the 30 days before the survey, among students who currently used electronic vapor products and who were aged <18 years)

22.7

No linear change Not available No change

Not available

No change

Increased, 2015-2019

^{*}Based on trend analyses using a logistic regression model controlling 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

2015					
2015	2017	2019			
cigars (cigars, cigaril	llos, or little cigars,	on at least 1 day			
11.7	10.0	6.4	Decreased, 2009-2019	No quadratic change	Decreased
	11.7	11.7 10.0	ed cigarettes or cigars or used smokeless tobacco or	11.7 10.0 6.4 Decreased, 2009-2019	11.7 10.0 6.4 Decreased, 2009-2019 No quadratic change

13.4

9.0

16.3

14.4

21.7

25.5

Decreased

No quadratic change

Decreased, 2009-2019

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

[§]Not enough years of data to calculate.

]	Health Risk Behav	ior and Percentag	res		Linear Change*	Quadratic Change*	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
QN40: Percenta	ge of students who	had their first drink	of alcohol before a	ge 13 years (other	than a few sips)			
16.8	16.7	15.7	12.4	12.5	10.6	Decreased, 2009-2019	No quadratic change	No change
	ge of students who	currently drank alco	hol (at least one dr	rink of alcohol, on a	nt least 1 day			
32.2	32.6	29.2	22.3	20.2	20.1	Decreased, 2009-2019	No quadratic change	No change
for female stude		currently were bingdrinks of alcohol in a						
				11.0	10.2	No linear change	Not available§	No chang

^{*}Based on trend analyses using a logistic regression model controlling 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 Health Risk Behavior and Percentages** Linear Change* Quadratic Change* Change from 2017-2019 † 2009 2011 2013 2015 2017 2019 QN44: Percentage of students who usually got the alcohol they drank by someone giving it to them (during the 30 days before the survey, among students who currently drank alcohol) 29.7 27.4 31.4 28.7 No linear change Not available§ No change QN45: Percentage of students who ever used marijuana (one or more times during their life) 42.9 44.1 40.8 37.8 36.0 37.0 Decreased, 2009-2019 No quadratic change No change QN46: Percentage of students who tried marijuana for the first time before age 13 years 10.1 9.3 9.1 8.1 7.6 5.9 Decreased, 2009-2019 No quadratic change No change QN47: Percentage of students who currently used marijuana (one or more times during the 30 days before the survey) 25.1 24.3 23.5 29.6 30.0 22.6 Decreased, 2009-2019 No quadratic change No change

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

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

		Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change*	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
N48: Percenta	age of students who	ever used synthetic	marijuana (one or r	nore times during th	neir life)			
			9.2	6.7	8.6	No linear change	Not available§	No change
						· ·		
lifferently than	age of students who how a doctor told thand Percocet, one or	nem to use it (counti	ng drugs such as co					
ifferently than	how a doctor told the	nem to use it (counti	ng drugs such as co			No linear change	Not available	No chang
lifferently than Hydrocodone, a	how a doctor told the	nem to use it (counti more times during t ever used cocaine (a	ng drugs such as co heir life)	deine, Vicodin, Öx	yContin, 8.6	No linear change	Not available	No chang

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

[§]Not enough years of data to calculate.

ale cohol and Othe	<u> </u>	Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change [*]	Change from 2017-2019 [†]
2009	2011	2013	2015	2017	2019			
QN52: Percenta more times duri		ever used heroin (al	lso called "smack,"	"junk," or "China W	hite," one or			
			5.3	5.1	2.8	No linear change	Not available§	Decreased
QN54: Percenta	age of students who	ever used ecstasy (a	also called "MDMA	x," one or more time	s during their			

^{*}Based on trend analyses using a logistic regression model controlling 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

]	Health Risk Behav	or and Percentag	es		Linear Change*	Quadratic Change [*]	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
N58: Percenta	ge of students who	ever had sexual inte	rcourse					
45.6	45.4	37.7	37.0	38.1	42.6	Decreased, 2009-2019	Decreased, 2009-2015 No change, 2015-2019	No change
	ge of students who	were currently sexuate survey)	ally active (had sex	ual intercourse wit	h at least one			
32.0	31.2	24.6	23.0	26.3	30.8	No linear change	Decreased, 2009-2015 Increased, 2015-2019	No change
	ge of students who tly sexually active)	drank alcohol or use	d drugs before last	sexual intercourse	(among students			
			d drugs before last	sexual intercourse	(among students	No linear change	Not available [§]	No change
vho were curren	tly sexually active)			15.5	18.3	No linear change	Not available [§]	No change

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

[§]Not enough years of data to calculate.

ale exual Behaviors		Health Risk Behavi	or and Percentag	es		Linear Change [*]	Quadratic Change [*]	Change from 2017-2019 †
2009	2011	2013	2015	2017	2019			
	ge of students who who were currently	used birth control pi sexually active)	lls before last sexu	al intercourse (to p	revent pregnancy,			
17.1	22.7	20.0	28.8	20.8	18.6	No linear change	No quadratic change	No change
	kplanon) before last	s who used an IUD (sexual intercourse (Not available	Not available [§]	No change
	g (such as NuvaRing	ats who used a shot (g) before last sexual						
		1.8	2.2	5.0	1.0	No linear change	Not available	No change

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

[§]Not enough years of data to calculate.

		Health Risk Behavi	or and Percentag	es		Linear Change*	Quadratic Change [*]	Change from 2017-2019
2009	2011	2013	2015	2017	2019	_		
implant (such as I	mplanon or Nexp as NuvaRing) be	nts who used birth co lanon); or a shot (suc fore last sexual interc	h as Depo-Provera), patch (such as O	rthoEvra), or birth			
		21.8	31.6	29.2	28.5	No linear change	Not available§	No change
oills; an IUD (suc Depo-Provera), pa	th as Mirena or Pa atch (such as Orth	nts who used both a c raGard) or implant (s oEvra), or birth conti among students who	such as Implanon o ol ring (such as Nu	or Nexplanon); or a uvaRing) before las	shot (such as			
ntercourse (to pre		9.8	13.2	9.1	8.8	No linear change	Not available	No change

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

[§]Not enough years of data to calculate.

]	Health Risk Behav	ior and Percentag	es		Linear Change [*]	Quadratic Change*	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
	entage of students w sex- and age-specifi				ile for body mass			
16.4	14.9	15.6	15.2	14.8	12.8	Decreased, 2009-2019	No quadratic change	No change
	rcentage of students reference data from			or body mass index,	based on sex-			
12.3	13.2	13.3	16.2	17.9	18.0	Increased, 2009-2019	No quadratic change	No change
	age of students who	were trying to lose	weight					,
QN68: Percenta	32.9	32.0	33.8	39.6	35.9	Increased, 2009-2019	No quadratic change	No change
QN68: Percenta 30.5	32.9							
30.5	age of students who	did not drink fruit ju	nice (100% fruit jui	ces one or more tim	nes during the 7			

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

[§]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.

]	Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change*	Change from 2017-2019 †
2009	2011	2013	2015	2017	2019			
QN70: Percenta	ge of students who	did not eat fruit (on	e or more times dur	ing the 7 days befo	ore the survey)			
14.5	14.4	13.1	14.9	18.9	13.7	No linear change	No quadratic change	Decreased
		o did not eat fruit or ys before the survey		uices (such as oran	ge juice, apple			
6.7	6.0	6.0	7.8	9.6	8.7	Increased, 2009-2019	No quadratic change	No change
		o ate fruit or drank lice, during the 7 da			er day (such as			,

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

		Health Risk Behavi	ior and Percentage	es		Linear Change*	Quadratic Change*	Change from 2017-2019 †
2009	2011	2013	2015	2017	2019			
		o ate fruit or drank laice, during the 7 da			er day (such as			
36.3	35.0	31.4	30.8	29.3	28.7	Decreased, 2009-2019	No quadratic change	No change
QN71: Percenta survey) 40.9	ge of students who	did not eat green sal	ad (one or more tin	nes during the 7 da	ys before the 45.2	Increased, 2009-2019	No quadratic change	No change
urvey) 40.9	38.8	41.9	48.0	43.8	45.2	Increased, 2009-2019	No quadratic change	No change
urvey) 40.9	38.8	_	48.0	43.8	45.2	Increased, 2009-2019 Increased, 2009-2019	No quadratic change No quadratic change	No change
QN72: Percenta	38.8 ge of students who 26.5	41.9 did not eat potatoes	48.0 (one or more times 35.1	43.8 during the 7 days 33.8	45.2 before the survey) 38.5			

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

]	Health Risk Behav	ior and Percentag	es		Linear Change [*]	Quadratic Change [*]	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
N74: Percentagurvey)	ge of students who	did not eat other veg	getables (one or mo	ore times during the	7 days before the			
20.8	18.6	20.0	23.8	23.1	22.1	No linear change	No quadratic change	No change
		who did not eat vege ots, or other vegetab				Increased, 2009-2019	No quadratic change	No chang
		who ate vegetables of es, or potato chips],						,
he survey)								

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

]	Health Risk Behav	ior and Percentag	es		Linear Change [*]	Quadratic Change [*]	Change from 2017-201
2009	2011	2013	2015	2017	2019			
NVEG2: Perc	entage of students w	ho ate vegetables ty	wo or more times n	er dav (green salad	notatoes			
	entage of students when the fries, fried potator					No linear change	No quadratic change	No chan
excluding Frenche survey) 28.4 QNVEG3: Perco	th fries, fried potato	25.5 ho ate vegetables the	25.4 25.4	26.5 per day (green salad	24.0 d, potatoes	No linear change	No quadratic change	No chan

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

	2013	2015	2017	2019	_		
	1 1 11						
			tes per day on 5 or the hard some of the				
55.1	50.9	52.2	49.4	48.5	No linear change	Not available§	No change
f physical acti s before the su	ivity that increase				No linear change	Not available	No change
	of physical act s before the si 10.5	55.1 50.9 ge of students who did not partic of physical activity that increase is before the survey) 10.5 10.1	55.1 50.9 52.2 ge of students who did not participate in at least 60 of physical activity that increased their heart rate at a before the survey) 10.5 10.1 14.4	55.1 50.9 52.2 49.4 ge of students who did not participate in at least 60 minutes of physical of physical activity that increased their heart rate and made them breat is before the survey) 10.5 10.1 14.4 13.9	55.1 50.9 52.2 49.4 48.5 ge of students who did not participate in at least 60 minutes of physical activity on at a fighth of physical activity that increased their heart rate and made them breathe hard some of so before the survey)	55.1 50.9 52.2 49.4 48.5 No linear change ge of students who did not participate in at least 60 minutes of physical activity on at of physical activity that increased their heart rate and made them breathe hard some of so before the survey) 10.5 10.1 14.4 13.9 13.0 No linear change	55.1 50.9 52.2 49.4 48.5 No linear change Not available go of students who did not participate in at least 60 minutes of physical activity on at an of physical activity that increased their heart rate and made them breathe hard some of the survey) 10.5 10.1 14.4 13.9 13.0 No linear change Not available

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

Rhode Island High School Survey 10-year Trend Analysis Report

Male **Physical Activity Health Risk Behavior and Percentages** Linear Change* Quadratic Change* Change from 2017-2019 [†] 2009 2011 2013 2015 2017 2019 ON80: Percentage of students who played video or computer games or used a computer 3 or more hours per day (counting time spent on things such as 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) 31.3 30.6 39.6 40.0 45.4 45.4 Increased, 2009-2019 No quadratic change No change QN81: Percentage of students who attended physical education (PE) classes on 1 or more days (in an average week when they were in school) 82.5 77.1 76.0 72.9 70.1 70.3 No quadratic change Decreased, 2009-2019 No change ONDLYPE: Percentage of students who attended physical education (PE) classes on all 5 days (in an average week when they were in school)

18.1

20.0

13.2

18.2

No linear change

No linear change

No quadratic change

Not available§

QN83: Percentage of students who had a concussion from playing a sport or being physically active (one or

25.0

16.7

22.6

23.4

more times during the 12 months before the survey)

No change

No change

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

[§]Not enough years of data to calculate.

		Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change*	Change from 2017-2019
2009	2011	2013	2015	2017	2019	<u> </u>		
	age of students who onths before the sur	saw a dentist (for a vey)	check-up, exam, te	eth cleaning, or oth	er dental work,			
		76.2	76.0	77.4	75.4	No linear change	Not available§	No change
QNNODNT: Po	ercentage of student	s who never saw a d	entist (for a check-	up, exam, teeth clea	aning, or other			
		1.5	1.9	2.6	1.7	No linear change	Not available	No change
QN89: Percenta		described their grad	es in school as mos	stly A's or B's (during	ng the 12 months			
before the surve								

^{*}Based on trend 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 Site-Added

e-Added		Health Risk Behavi	or and Percentag	es		Linear Change [*]	Quadratic Change*	Change from 2017-2019 †
2009	2011	2013	2015	2017	2019			
QN90: Percentagor more)	ge of students who	have physical disabi	lities or long-term	health problems (m	eaning 6 months			
8.9	12.1	7.5	8.3	8.5	6.1	Decreased, 2009-2019	No quadratic change	No change
QN91: Percentage months or more)		have long-term emo	tional problems or	learning disabilities	s (meaning 6			
12.0	14.2	10.0	10.0	11.9	13.8	No linear change	No quadratic change	No change
QN92: Percentag	ge of students who	are transgender						
				2.0	2.2	No linear change	Not available [§]	No change
QN93: Percentaş	ge of students who	think other people at	t school would des	cribe them as equal	ly feminine and			
inascamic				7.6	9.7	No linear change	Not available	No change

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

[§]Not enough years of data to calculate.

Rhode Island High School Survey 10-year Trend Analysis Report

Male

e-Added		Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change [*]	Change from 2017-2019 †
2009	2011	2013	2015	2017	2019			
QN98: Percenta	age of students who	reported someone v	who lives with them	smokes cigarettes				
		33.0	34.3	32.9	24.8	Decreased, 2013-2019	Not available§	Decreased
QN100: Percen used them	tage of students wh	o used electronic-va	por products mainly	y because a friend o	r family member	No linear change	Not available	No change
	tage of students what the 30 days before	o smoked tobacco in the survey)	a hookah, narghile	e, or other type of w	aterpipe (on at			
				5.0	4.5	No linear change	Not available	No change

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

[§]Not enough years of data to calculate.

		Health Risk Behav	ior and Percentag	res		Linear Change [*]	Quadratic Change*	Change from 2017-2019
2009	2011	2013	2015	2017	2019	<u> </u>		
dissolvable toba Camel Snus, M	acco products [such arlboro Snus, Gener	no currently used smo as Redman, Levi Ga ral Snus, Ariva, Ston- uring the 30 days before	rrett, Beechnut, Sk ewall, or Camel Or	oal, Skoal Bandits,	Copenhagen,			
				0.0	2.2	D 1 2017 2010	NT-4 1-1-1-8	Decreased
		o currently used a to				Decreased, 2017-2019	Not available [§]	Decreased
mint), alcohol	(wine, cognac), can	o currently used a to dy, fruit, chocolate o		was flavored to tas	te like menthol	No linear change	Not available	
mint), alcohol before the surve	(wine, cognac), can ey)	dy, fruit, chocolate o	r other sweets (on	was flavored to tas at least 1 day during 9.8	te like menthol g the 30 days			
mint), alcohologefore the surve	(wine, cognac), can ey) ntage of students wh	dy, fruit, chocolate o	r other sweets (on	was flavored to tas at least 1 day during 9.8	te like menthol g the 30 days			No change
QN109: Percenduring the 30 da	(wine, cognac), can ey) ntage of students wh ays before the surve	dy, fruit, chocolate o	r-the-counter drugs 5.5 r always went hung	was flavored to tas at least 1 day during 9.8 s to get high (one or 5.3	te like menthol g the 30 days 11.8 more times 4.8	No linear change	Not available	No change

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

[§]Not enough years of data to calculate.

Rhode Island High School Survey 10-year Trend Analysis Report

Male

		Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change*	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
	ntage of students whoonths before the sur	o reported their teeth	or mouth have bee	en painful or sore (o	one or more times			
		41.5	41.8	40.0	46.5	No linear change	Not available§	Increased
		o sometimes, most or mouth (during the			ous or			
embarrassed be	cause of their teeth	or mouth (during the	12 months before t	he survey) 15.1	17.0	Increased, 2013-2019	Not available	No change
embarrassed becombarrassed	cause of their teeth	or mouth (during the	12 months before to 14.8	he survey) 15.1	17.0	Increased, 2013-2019	Not available	No chang
embarrassed beautiful properties of the comparison of the comparis	cause of their teeth	or mouth (during the 12.2 o have been taught i	12 months before to 14.8	he survey) 15.1	17.0	Increased, 2013-2019 Decreased, 2015-2019	Not available Not available	No chang
embarrassed beautiful percentage of the percenta	cause of their teeth	or mouth (during the 12.2 o have been taught i	12 months before to 14.8 14.8 In school about the ted diseases (STDs) 79.4	he survey) 15.1 Denefits of not havi 76.1	17.0 ng sexual 72.3			

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

[§]Not enough years of data to calculate.

							2017-2019 †
011	2013	2015	2017	2019	<u> </u>		
				ss, depression,			
			49.2	52.3	No linear change	Not available [§]	No change
5	students who repor ions, on at least 1 o	students who reported their mentations, on at least 1 day during the	students who reported their mental health was not gions, on at least 1 day during the 30 days before the	students who reported their mental health was not good (including streams, on at least 1 day during the 30 days before the survey) 49.2 students who reported there is at least one teacher or other adult in their	students who reported their mental health was not good (including stress, depression, sions, on at least 1 day during the 30 days before the survey) 49.2 52.3	students who reported their mental health was not good (including stress, depression, cions, on at least 1 day during the 30 days before the survey) 49.2 52.3 No linear change students who reported there is at least one teacher or other adult in their school that they	students who reported their mental health was not good (including stress, depression, ions, on at least 1 day during the 30 days before the survey) 49.2 52.3 No linear change Not available§ students who reported there is at least one teacher or other adult in their school that they

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

[§]Not enough years of data to calculate.

2013 who rarely or never wore	2015 a seat belt (when ri	2017	2019			
	a seat belt (when ri					
2.0		ding in a car driver	n by someone else)			
3.8	4.1	4.0	5.0	Decreased, 2009-2019	Decreased, 2009-2015 No change, 2015-2019	No change
		ng alcohol (in a car	or other vehicle,			
20.6	18.8	11.9	13.4	Decreased, 2009-2019	No quadratic change	No change
32.0	45.0	31.5	36.7	No linear change	Not available§	No change
3	20.6 who texted or e-mailed varvey, among students was 32.0	20.6 18.8 who texted or e-mailed while driving a car survey, among students who had driven a car 32.0 45.0 who carried a weapon on school property (s	20.6 18.8 11.9 who texted or e-mailed while driving a car or other vehicle (or survey, among students who had driven a car or other vehicle do 32.0 45.0 31.5 who carried a weapon on school property (such as a gun, knife	20.6 18.8 11.9 13.4 who texted or e-mailed while driving a car or other vehicle (on at least 1 day survey, among students who had driven a car or other vehicle during the 30 days 32.0 45.0 31.5 36.7	20.6 18.8 11.9 13.4 Decreased, 2009-2019 who texted or e-mailed while driving a car or other vehicle (on at least 1 day survey, among students who had driven a car or other vehicle during the 30 days 32.0 45.0 31.5 36.7 No linear change	20.6 18.8 11.9 13.4 Decreased, 2009-2019 No quadratic change who texted or e-mailed while driving a car or other vehicle (on at least 1 day survey, among students who had driven a car or other vehicle during the 30 days 32.0 45.0 31.5 36.7 No linear change Not available who carried a weapon on school property (such as a gun, knife, or club, on at

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

[§]Not enough years of data to calculate.

ury and Violend		Health Risk Behav	ior and Percentag	es		Linear Change [*]	Quadratic Change [*]	Change from 2017-2019
2009	2011	2013	2015	2017	2019	_		
		did not go to school g the 30 days before		nsafe at school or o	n their way to or			
7.8	5.5	6.8	4.9	7.4	8.4	No linear change	No change, 2009-2015	No change
7.0							Increased, 2015-2019	
		were in a physical f	ight on school prop	erty (one or more ti	mes during the		Increased, 2015-2019	
QN18: Percenta		were in a physical f	ight on school prop	erty (one or more ti	mes during the	No linear change	No quadratic change	No chang
ON18: Percenta 2 months befor 6.4	te the survey) 5.2		6.6	7.6	6.6	No linear change		No chang

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

		Health Risk Behavi	ior and Percentag	es		Linear Change*	Quadratic Change [*]	Change from 2017-2019 †
2009	2011	2013	2015	2017	2019	_		
dating or going forced to have s	out with to do sexua sexual intercourse] the	experienced sexual of things [counting sunt they did not want or went out with some	ich things as kissin to, one or more tir	g, touching, or beir nes during the 12 n	ng physically nonths before the			
		12.0	12.0	15.1	160	No linear shares	NT-4 '1-1-1-8	NT1
		12.0	12.8	15.1	16.2	No linear change	Not available [§]	No change
someone they w njured with an	vere dating or going object or weapon] o	experienced physica out with [counting sine or more times during the 12 moning shadows of the sh	al dating violence (luch things as being ring the 12 months	being physically hu hit, slammed into before the survey,	rt on purpose by something, or	No linear change	Not available	No change
someone they winjured with an who dated or w	vere dating or going object or weapon] o ent out with someon	experienced physica out with [counting some or more times during the 12 mon	al dating violence (luch things as being ring the 12 months ths before the survey 9.5	peing physically hu hit, slammed into before the survey, ey)	rt on purpose by something, or among students 7.5			

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

[§]Not enough years of data to calculate.

ury and Violen		Health Risk Behavi	or and Percentag	es		Linear Change [*]	Quadratic Change*	Change fron 2017-2019
2009	2011	2013	2015	2017	2019			
		were electronically l l media, ever during			h texting,			
	20.4	19.3	15.3	17.3	16.9	No linear change	Not available§	No change
ON25: Percents	age of students who	felt sad or honeless	(almost every day f	For >=2 weeks in a	row so that they			
		felt sad or hopeless, ever during the 12 i			row so that they			
					row so that they 40.6	Increased, 2009-2019	No quadratic change	No chang
stopped doing so 29.5	ome usual activities, 31.5	, ever during the 12 i	months before the s 35.8	38.0	40.6	Increased, 2009-2019	No quadratic change	No chang
29.5 QN26: Percenta	ome usual activities, 31.5	, ever during the 12 mag street street 35.0	months before the s 35.8	38.0	40.6	Increased, 2009-2019 Increased, 2009-2019	No quadratic change Increased, 2009-2015 Decreased, 2015-2019	No chang
29.5 QN26: Percentathe survey) 14.6	31.5 age of students who age of students who	35.0 seriously considered	35.8 I attempting suicide 19.3	38.0 e (ever during the 1	40.6 2 months before 15.7		Increased, 2009-2015	

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

[§]Not enough years of data to calculate.

Female Injury and Violence		Health Risk Behav	ior and Percentag	es	Linear Change [*]	Quadratic Change*	Change from 2017-2019 †	
2009	2011	2013	2015	2017	2019			
QN28: Percentage survey)	of students who	attempted suicide (d	one or more times d	luring the 12 month	as before the			
8.3	8.1	14.2	12.5	10.3	13.5	Increased, 2009-2019	No quadratic change	No change

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

Rhode Island High School Survey 10-year Trend Analysis Report

Female Tobacco Use

	1	Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change*	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
N30: Percenta	ge of students who	ever tried cigarette	smoking (even one	or two puffs)	·			
38.6	33.0	28.6	20.2	17.7	15.6	Decreased, 2009-2019	No quadratic change	No change
N32: Percenta urvey)	ge of students who	currently smoked ci	garettes (on at least	t 1 day during the 3	0 days before the			
13.2	9.6	7.9	4.5	4.7	2.3	Decreased, 2009-2019	No quadratic change	Decreased
NFRCIG: Pero 0 days before the		who currently smok	ed cigarettes freque	ently (on 20 or mor	e days during the			
5.2	3.2	2.4	1.6	1.5	0.9	Decreased, 2009-2019	No quadratic change	No change
		ts who currently sm	oked cigarettes dai	ly (on all 30 days d	uring the 30 days			
efore the survey								

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

bacco Use		Health Risk Beha	Linear Change*	Quadratic Change [*]	Change from 2017-2019 †			
2009	2011	2013	2015	2017	2019			
	tage of students who ipes, vaping pens, e-o, and Halo])							
	-		39.5	39.3	51.5	Increased, 2015-2019	Not available§	Increased
e-pipes, vape pi	tage of students who ipes, vaping pens, e- o, and Halo], on at lo	hookahs, and hooka	nh pens [such as blu,	NJOY, Vuse, Mar		Increased, 2015-2019	Not available	Increased
e-pipes, vape pi Vapin Plus, eGo QNFREVP: Pe	ipes, vaping pens, e-	hookahs, and hooka east 1 day during th	th pens [such as blu, e 30 days before the 18.0	NJOY, Vuse, Mar survey) 17.0	kTen, Logic, 31.2	Increased, 2015-2019	Not available	Increased

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

[§]Not enough years of data to calculate.

Rhode Island High School Survey 10-year Trend Analysis Report

		Health Risk Behav	vior and Percentage	Linear Change*	Quadratic Change*	Change from 2017-2019 †		
2009	2011	2013	2015	2017	2019			
		nts who currently us	sed electronic vapor	products daily (on	all 30 days during			
the 30 days befor	re the survey)		1.0	0.9	5.5	Increased, 2015-2019	Not available§	Increased
			110	0.5		1110104304, 2010 2019	1100 41 4114010	1110104800
	tage of students will 30 days before the	ho currently smoked survey)	cigarettes or used e	electronic vapor pro	ducts (on at least	t .		
			19.3	19.5	32.5	Increased, 2015-2019	Not available	Increased

8.9

No linear change

12.9

No change

Not available

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

[§]Not enough years of data to calculate.

nale bacco Use								
		Health Risk Behavi	or and Percentag	es		Linear Change*	Quadratic Change*	Change from 2017-2019 †
2009	2011	2013	2015	2017	2019			
	nge of students who	currently smoked ci	gars (cigars, cigari	llos, or little cigars,	on at least 1 day			
4.4	7.2	5.8	4.7	2.8	2.9	Decreased, 2009-2019	No change, 2009-2013 Decreased, 2013-2019	No change
		no currently smoked st 1 day during the 3			tobacco or			
				100.0	100.0	Not available	Not available [§]	Not availab
QNTB2: Percent		no currently smoked	cigarettes or cigars	s (on at least 1 day o	luring the 30 days			
15.1	13.7	11.2	7.4	6.6	3.7	Decreased, 2009-2019	No quadratic change	No chang

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

[§]Not enough years of data to calculate.

]	Health Risk Behav	Linear Change*	Quadratic Change*	Change from 2017-2019 †			
2009	2011	2013	2015	2017	2019			
QN40: Percenta	ge of students who	had their first drink	of alcohol before a	ge 13 years (other t	than a few sips)			
14.8	14.3	10.7	10.3	10.9	9.0	Decreased, 2009-2019	No quadratic change	No change
	ge of students who	currently drank alco	ohol (at least one dr	ink of alcohol, on a	it least 1 day			
35.6	35.2	32.1	30.0	25.8	22.5	Decreased, 2009-2019	No quadratic change	No change
for female stude		currently were bing drinks of alcohol in e the survey)						
				10.8	11.2	No linear change	Not available§	No change

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

[§]Not enough years of data to calculate.

		Health Risk Behavi	or and Percentag	es		Linear Change*	Quadratic Change*	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
		usually got the alcol tudents who currentl		omeone giving it to	them (during the			
		37.4	46.6	44.6	39.4	No linear change	Not available [§]	No chang
QN45: Percenta	age of students who	ever used marijuana	(one or more times	s during their life)				•
QN45: Percenta 36.6	age of students who	ever used marijuana 38.0	(one or more times	s during their life) 37.5	38.2	No linear change	No quadratic change	No chang
36.6	36.2	•	39.3	37.5	38.2	No linear change	No quadratic change	No chang
36.6	36.2	38.0	39.3	37.5	2.9	No linear change Decreased, 2009-2019	No quadratic change No quadratic change	
36.6 QN46: Percenta 6.5	36.2 age of students who 4.7	38.0 tried marijuana for t	39.3 he first time before 4.9	37.5 age 13 years 5.9	2.9			No chang Decrease

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

[§]Not enough years of data to calculate.

		Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change*	Change from 2017-2019 †
2009	2011	2013	2015	2017	2019			
QN48: Percenta	age of students who	ever used synthetic	marijuana (one or r	nore times during the	neir life)			
			8.0	4.6	6.2	No linear change	Not available [§]	No change
						 		
lifferently than	age of students who how a doctor told the told Percocet, one or	nem to use it (counti	ng drugs such as co					
lifferently than	how a doctor told the	nem to use it (counti	ng drugs such as co			No linear change	Not available	No chang
lifferently than Hydrocodone, a QN50: Percenta	how a doctor told the	nem to use it (counti more times during t ever used cocaine (ng drugs such as co heir life)	deine, Vicodin, Öx	yContin,	No linear change	Not available	No chang

^{*}Based on trend analyses using a logistic regression model controlling 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 cohol and Other	<u> </u>	Health Risk Behav	Linear Change [*]	Quadratic Change*	Change from 2017-2019 †			
2009	2011	2013	2015	2017	2019			
QN52: Percenta more times durir		ever used heroin (a	lso called "smack,"	"junk," or "China V	Vhite," one or			
			1.5	1.6	1.5	No linear change	Not available§	No change
QN54: Percenta	ge of students who	ever used ecstasy (a	also called "MDMA	A," one or more time	es during their			
,			3.8	1.8	2.4	No linear change	Not available	No change

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

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Female

cual Behaviors	:	Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change*	Change from 2017-2019 †
2009	2011	2013	2015	2017	2019			
QN58: Percentag	ge of students who	ever had sexual inte	rcourse	•	•			
42.8	38.2	37.1	36.3	33.3	39.6	Decreased, 2009-2019	No change, 2009-2013 No change, 2013-2019	No change
	ge of students who e 3 months before	were currently sexu	ally active (had sex	ual intercourse wit	h at least one			
32.6	28.4	29.1	28.3	24.7	33.4	No linear change	No change, 2009-2015 Increased, 2015-2019	Increased
	ge of students who tly sexually active)	drank alcohol or use	ed drugs before last	sexual intercourse	(among students			
				18.5	14.3	No linear change	Not available [§]	No change
N63: Percentage		used a condom duri	ng last sexual interd	course (among stud	ents who were			
54.5	54.5	64.8	57.7	54.2	50.1	No linear change	Increased, 2009-2013 Decreased, 2013-2019	No change

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

[§]Not enough years of data to calculate.

		Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change*	Change from 2017-2019
2009	2011	2013	2015	2017	2019	_		
	age of students who who were currently	used birth control pi sexually active)	ills before last sexu	al intercourse (to pr	revent pregnancy,			
25.8	29.4	31.0	25.6	38.4	29.2	No linear change	No quadratic change	No change
	xplanon) before last	s who used an IUD sexual intercourse (to prevent pregnan	cy, among students	who were			
		3.3	3.7	4.2	8.2	No linear change	Not available [§]	No change
birth control ring		ats who used a shot (g) before last sexual						

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

[§]Not enough years of data to calculate.

		Health Risk Behavi	or and Percentage	es		Linear Change [*]	Quadratic Change [*]	Change from 2017-2019
2009	2011	2013	2015	2017	2019	_		
implant (such a	s Implanon or Nexp ch as NuvaRing) be	nts who used birth co lanon); or a shot (suc fore last sexual interc	h as Depo-Provera), patch (such as O	rthoEvra), or birth			
		38.5	34.8	45.1	44.5	No linear change	Not available§	No change
	Domantona of stude	nts who used both a						
pills; an IUD (s Depo-Provera),	uch as Mirena or Pa patch (such as Orth	raGard) or implant (s oEvra), or birth contr among students who 18.7	rol ring (such as Nu	avaRing) before las		No linear change	Not available	No change
pills; an IUD (s Depo-Provera), intercourse (to p	uch as Mirena or Pa patch (such as Orth prevent pregnancy, a Percentage of stude	raGard) or implant (so Evra), or birth contamong students who	rol ring (such as Nuwere currently sexual se	ivaRing) before las ially active) 13.4	st sexual	No linear change	Not available	No change

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

[§]Not enough years of data to calculate.

	1	Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change*	Change from 2017-2019 †
2009	2011	2013	2015	2017	2019			
	entage of students w sex- and age-specifi				ile for body mass			
16.5	14.9	17.0	14.1	17.0	16.4	No linear change	No quadratic change	No change
	rcentage of students reference data from			or body mass index,	based on sex-	Increased, 2009-2019	No quadratic change	No change
8.0	8.4	7.8				,		1 to change
	8.4 ge of students who		veight					- To change
	-		weight 58.3	58.8	56.7	No linear change	No quadratic change	No change
QN68: Percenta 61.0	ge of students who 59.3	were trying to lose v	58.3				No quadratic change	

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

[§]Overweight and obese prevalence estimates for 1999 differ slightly from previously published results because different BMI cut points were used in 1999 than in subsequent years. To make these prevalence estimates comparable, the 1999 prevalence estimates were recalculated using the updated BMI cut points. In addition, beginning in 2017, new, slightly different ranges were used to calculate biologically implausible responses to height and weight questions.

]	Health Risk Behav	ior and Percentag	es		Linear Change [*]	Quadratic Change*	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
QN70: Percenta	ge of students who	did not eat fruit (on	e or more times dur	ing the 7 days befo	re the survey)			
11.1	10.5	11.3	10.0	11.0	6.9	Decreased, 2009-2019	No quadratic change	Decreased
		o did not eat fruit or ys before the survey		uices (such as orang	ge juice, apple			
4.2	4.0	4.0	4.8	5.8	3.6	No linear change	No quadratic change	Decreased
		o ate fruit or drank nice, during the 7 da			er day (such as			,

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

eight Managemen	t and Dietary Be	haviors						
		Health Risk Behavi	or and Percentag	es		Linear Change*	Quadratic Change*	Change from 2017-2019 †
2009	2011	2013	2015	2017	2019			
		o ate fruit or drank 1 sice, during the 7 day			er day (such as			
33.5	33.1	33.7	28.2	25.8	28.7	Decreased, 2009-2019	No quadratic change	No change
QN71: Percentage survey)	e of students who	did not eat green sal	ad (one or more tin	mes during the 7 da	ys before the			
30.8	29.0	27.6	32.3	36.8	35.7	Increased, 2009-2019	No quadratic change	No change
QN72: Percentage	e of students who	did not eat potatoes	(one or more times	during the 7 days	before the survey)			
29.1	29.7	29.2	35.7	42.4	39.9	Increased, 2009-2019	No quadratic change	No change
QN73: Percentage	e of students who	did not eat carrots (c	one or more times of	luring the 7 days be	efore the survey)			
47.3	48.4	48.3	51.4	52.8	53.2	No linear change	No quadratic change	No change

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

		Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change [*]	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
QN74: Percenta survey)	ge of students who	did not eat other veg	getables (one or mo	ore times during the	7 days before the			
16.6	14.4	14.8	16.9	18.8	14.2	No linear change	No quadratic change	No change
		who did not eat vege ots, or other vegetab						
4.4	3.7	5.3	5.5	6.7	5.0	No linear change	No quadratic change	No chang
excluding French		who ate vegetables or es, or potato chips],						
the survey)								

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

]	Health Risk Behavi	ior and Percentag	es		Linear Change [*]	Quadratic Change*	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
[excluding French	entage of students wech fries, fried potato							
						No linear change	No quadratic change	No change
(excluding Frenche survey) 27.4 QNVEG3: Perc	ch fries, fried potato	ss, or potato chips], 31.2 who ate vegetables the	22.2 rree or more times	22.6 per day (green salar	27.2 d, potatoes	No linear change	No quadratic change	No change

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

Rhode Island High School Survey 10-year Trend Analysis Report

Famala

2009								
2007	2011	2013	2015	2017	2019	<u> </u>		
QN78: Percentage of kind of physical activ 7 days before the surv	ity that increase							
	38.6	39.0	35.0	33.1	34.7	No linear change	Not available§	No change
QNPA0DAY: Percer east 1 day (in any kir he time during the 7	nd of physical a	activity that increase				No linear change	Not available	No change

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

[§]Not enough years of data to calculate.

Rhode Island High School Survey 10-year Trend Analysis Report

Female Physical Activity Health Risk Behavior and Percentages Linear Change* Quadratic Change* Change from 2017-2019 [†] 2009 2011 2013 2015 2017 2019 ON80: Percentage of students who played video or computer games or used a computer 3 or more hours per day (counting time spent on things such as 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) 24.0 26.4 37.5 40.3 41.3 48.8 Increased, 2009-2019 No quadratic change Increased QN81: Percentage of students who attended physical education (PE) classes on 1 or more days (in an average week when they were in school) 82.2 79.5 77.7 73.5 70.2 No quadratic change 71.7 Decreased, 2009-2019 No change ONDLYPE: Percentage of students who attended physical education (PE) classes on all 5 days (in an average week when they were in school) 22.0 20.0 14.9 11.5 23.1 26.7 Decreased, 2009-2019 No quadratic change No change QN83: Percentage of students who had a concussion from playing a sport or being physically active (one or more times during the 12 months before the survey) 14.1 14.1 No linear change Not available§ No change

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

[§]Not enough years of data to calculate.

emale ther		Health Risk Behav	ior and Percentag	es		Linear Change [*]	Quadratic Change*	Change from 2017-2019 [†]
2009	2011	2013	2015	2017	2019	<u> </u>		
	ge of students who onths before the sur	saw a dentist (for a vey)	check-up, exam, te	eth cleaning, or oth	er dental work,			
		78.7	80.2	82.0	80.4	No linear change	Not available§	No change
QNNODNT: Pedental work)	ercentage of student	s who never saw a d	entist (for a check-	up, exam, teeth clea	aning, or other			
		1.2	1.4	1.1	2.6	No linear change	Not available	No change
QN89: Percenta before the survey		described their grad	es in school as mos	stly A's or B's (duri	ng the 12 months			
69.5	73.8	77.1	80.9	79.9	81.7	Increased, 2009-2019	No quadratic change	No change

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

[§]Not enough years of data to calculate.

Rhode Island High School Survey 10-year Trend Analysis Report

Female

		Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change*	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
QN90: Percentagor more)	ge of students who	have physical disab	ilities or long-term	health problems (m	neaning 6 months			
10.9	12.3	9.6	9.0	8.3	9.8	No linear change	No quadratic change	No change
QN91: Percentage months or more)		have long-term emo	otional problems or	learning disabilities	s (meaning 6			
12.0	15.6	14.7	17.8	18.5	21.6	Increased, 2009-2019	No quadratic change	No change
QN92: Percentag	ge of students who	are transgender			,			
				2.2	0.5	No linear change	Not available§	Decreased
QN93: Percentage	ge of students who	think other people a	at school would des	cribe them as equal	ly feminine and			
nascunne				17.0	12.4	Decreased, 2017-2019	Not available	Decreased

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

[§]Not enough years of data to calculate.

Rhode Island High School Survey 10-year Trend Analysis Report

Female

		Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change [*]	Change from 2017-2019 †
2009	2011	2013	2015	2017	2019			
QN98: Percent	age of students who	reported someone v	who lives with them	smokes cigarettes				
		34.1	30.2	32.6	24.6	No linear change	Not available§	No change
QN100: Percei used them	ntage of students wh	o used electronic-va	por products mainl	y because a friend o	or family member	No linear change	Not available	No change
	ntage of students wh	no smoked tobacco in re the survey)	a hookah, narghile	e, or other type of w	raterpipe (on at			
ieast i day duri								

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

[§]Not enough years of data to calculate.

		Health Risk Behav	ior and Percentag	es		Linear Change [*]	Quadratic Change*	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
dissolvable toba Camel Snus, M	pacco products [such larlboro Snus, Gener	no currently used smo as Redman, Levi Ga ral Snus, Ariva, Ston uring the 30 days before	arrett, Beechnut, Sk ewall, or Camel Or	oal, Skoal Bandits,	Copenhagen,			
				1.1	1.2	No linear change	Not available§	No change
	(wine, cognac), can	no currently used a to						
mint), alcohol	(wine, cognac), can					Increased, 2017-2019	Not available	Increased
mint), alcohol pefore the surve	(wine, cognac), can	no currently took ove	or other sweets (on	at least 1 day during 6.8	g the 30 days 13.8	Increased, 2017-2019	Not available	Increased
mint), alcohol pefore the surve	(wine, cognac), can rey) ntage of students wh	no currently took ove	or other sweets (on	at least 1 day during 6.8	g the 30 days 13.8	Increased, 2017-2019 Decreased, 2013-2019	Not available Not available	Increased No change
mint), alcoholoefore the surve QN109: Percer during the 30 da	(wine, cognac), can rey) Intage of students what who have before the surve	no currently took ove	or other sweets (on or other sweets) are the counter drugs 4.0	6.8 to get high (one or	13.8 The more times 1.4			

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

[§]Not enough years of data to calculate.

Rhode Island High School Survey 10-year Trend Analysis Report

Female

		Health Risk Behavi	ior and Percentag	es		Linear Change [*]	Quadratic Change*	Change fron 2017-2019
2009	2011	2013	2015	2017	2019			
	tage of students whonths before the su	o reported their teeth	or mouth have bee	en painful or sore (o	one or more times			
		45.6	44.8	48.7	52.8	Increased, 2013-2019	Not available§	No change
		o sometimes, most o			ous or			
					ous or 27.3	Increased, 2013-2019	Not available	No change
embarrassed becombarrassed	cause of their teeth	or mouth (during the	12 months before 20.7	the survey) 26.9 Denefits of not havi	27.3	Increased, 2013-2019	Not available	No change
mbarrassed become property of the control of the co	cause of their teeth	or mouth (during the 21.0 o have been taught in	12 months before 20.7	the survey) 26.9 Denefits of not havi	27.3	Increased, 2013-2019 Decreased, 2015-2019	Not available Not available	No chang
embarrassed becombarrassed becombarr	tage of students wherevent pregnancy an	or mouth (during the 21.0 o have been taught in	20.7 n school about the led diseases (STDs) 85.0	26.9 Denefits of not havi	27.3 ng sexual 71.7			

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

[§]Not enough years of data to calculate.

-Added		Health Risk Behav	vior and Percentag	ges		Linear Change [*]	Quadratic Change [*]	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
2007								
N120: Percer	ntage of students wh vith emotions, on at				ess, depression,	No linear change	Not available [§]	No change
QN120: Percer nd problems w		least 1 day during th	ne 30 days before th	75.6	76.1	No linear change	Not available [§]	No change

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

[§]Not enough years of data to calculate.

hite* njury and Violen	ace	Health Risk Behav	ior and Percenta	ges		Linear Change [†]	Quadratic Change [†]	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019			
QN8: Percentag	e of students who r	arely or never wore	a seat belt (when ri	ding in a car driver	by someone else)			
10.2	7.0	2.9	2.6	4.4	4.2	Decreased, 2009-2019	Decreased, 2009-2015 No change, 2015-2019	No change
		ode with a driver whys before the survey)		ng alcohol (in a car	or other vehicle,			,
21.4	18.6	17.5	14.0	12.9	11.2	Decreased, 2009-2019	No quadratic change	No change
	ys before the surve	texted or e-mailed w y, among students w						
		40.5	47.5	39.9	38.2	No linear change	Not available [¶]	No change
	ge of students who g the 30 days befor	carried a weapon on	school property (s	such as a gun, knife	, or club, on at			
2.7	2.7	3.0	2.8	3.7	2.4	No linear change	No quadratic change	No chang

^{*}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.

		Health Risk Beha	vior and Percenta	ges		Linear Change [†]	Quadratic Change [†]	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019			
	age of students who at least 1 day during			insafe at school or o	n their way to or			
5.3	4.0	5.0	4.5	5.5	5.8	No linear change	No quadratic change	No change
	age of students who	were in a physical f	ight on school prop	perty (one or more ti	mes during the			
2 months befor	ic the survey)							
2 months befor 7.9	6.5	4.7	5.6	8.5	7.1	No linear change	Decreased, 2009-2013 Increased, 2013-2019	No change
7.9						No linear change	*	No change

^{*}Non-Hispanic. †Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.

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

		Health Risk Behav	vior and Percenta	ges		Linear Change [†]	Quadratic Change [†]	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019	_		
dating or going forced to have s	out with to do sexua exual intercourse] th	experienced sexual all things [counting support they did not want for went out with some	ich things as kissin to, one or more tir	g, touching, or beir nes during the 12 n	ng physically nonths before the			
		7.5	8.0	10.8	10.3	No linear change	Not available [¶]	No chang
someone they winjured with an	vere dating or going object or weapon] o	experienced physica out with [counting s ne or more times du e during the 12 mon 6.2	uch things as being ring the 12 months	hit, slammed into before the survey,	something, or	No linear change	Not available	No chang
someone they winjured with an who dated or we	vere dating or going object or weapon] o ent out with someon	out with [counting s ne or more times during the 12 mon	uch things as being ring the 12 months ths before the surve 6.5	thit, slammed into before the survey, ey) 7.7	something, or among students 5.4	No linear change	Not available	No chang

^{*}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.

•	ace	Health Risk Behav	vior and Percenta	ges		Linear Change [†]	Quadratic Change [†]	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019			
	age of students who				h texting,			
	16.3	15.3	13.9	15.9	14.1	No linear change	Not available¶	No change
topped doing so	age of students who a	ever during the 12 i	months before the s	survey)				
					row so that they 31.3	Increased, 2009-2019	No quadratic change	No chang
23.2 QN26: Percenta	ome usual activities,	ever during the 12 r	months before the s 25.3	27.8	31.3	Increased, 2009-2019	No quadratic change	No chang
23.2 QN26: Percenta	ome usual activities, 22.6	ever during the 12 r	months before the s 25.3	27.8	31.3	Increased, 2009-2019 Increased, 2009-2019	No quadratic change No quadratic change	No chang No chang
23.2 QN26: Percenta he survey) 11.0	22.6 age of students who age of students who age of students who	24.6 seriously considered	25.3 d attempting suicide 14.0	27.8 e (ever during the 1	31.3 2 months before 13.3			

^{*}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* **Injury and Violence**

Health Risk Behavior and Percentages	Linear Change [†]	Quadratic Change [†]	Change from
			2017-2019 §

2009	2011	2013	2015	2017	2019			
QN28: Percentagurvey)	ge of students who	attempted suicide (o	ne or more times d	uring the 12 month	s before the			
5.7	6.1	12.0	7.7	7.6	12.1	Increased, 2009-2019	No quadratic change	Increased

^{*}Non-Hispanic. †Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.

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

Rhode Island High School Survey 10-year Trend Analysis Report

White*

		Health Risk Beha	vior and Percenta	ges		Linear Change [†]	Quadratic Change [†]	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019			
QN30: Percenta	ge of students who	ever tried cigarette	smoking (even one	or two puffs)	•			
41.1	36.2	29.4	21.6	19.8	19.4	Decreased, 2009-2019	No quadratic change	No change
QN32: Percenta	ge of students who	currently smoked ci	garettes (on at least	t 1 day during the 3	0 days before the			
15.8	13.0	9.4	5.4	6.6	4.1	Decreased, 2009-2019	No quadratic change	No change
QNFRCIG: Per 80 days before the		who currently smok	ed cigarettes freque	ently (on 20 or mor	e days during the	. ,		
6.4	5.1	3.8	1.3	1.6	1.5	Decreased, 2009-2019	No quadratic change	No change
QNDAYCIG: Poefore the surve		ts who currently sm	oked cigarettes dail	ly (on all 30 days d	uring the 30 days			
before the surve								

^{*}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.

Vhite* obacco Use								
		Health Risk Beha	vior and Percentag	<u>jes</u>		Linear Change [†]	Quadratic Change [†]	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019			
	pes, vaping pens, e-		onic vapor product (i h pens [such as blu,					
			41.6	41.2	53.4	Increased, 2015-2019	Not available [¶]	Increased
ON35: Percent	age of students who		lectronic vapor prod		garettes, e-cigars,			
e-pipes, vape pi	pes, vaping pens, e-	hookahs, and hooka east 1 day during the	h pens [such as blu, e 30 days before the 21.0	NJOY, Vuse, Mark survey)		Increased, 2015-2019	Not available	Increased
e-pipes, vape pi Vapin Plus, eGo	pes, vaping pens, e- o, and Halo], on at l	east 1 day during the	21.0	survey) 22.7	kTen, Logic, 36.4	Increased, 2015-2019	Not available	Increased
e-pipes, vape pi Vapin Plus, eGo QNFREVP: Pe	pes, vaping pens, e- o, and Halo], on at l	east 1 day during the	e 30 days before the	survey) 22.7	kTen, Logic, 36.4	Increased, 2015-2019	Not available	Increased

^{*}Non-Hispanic. †Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.

 $^{^{\$}}$ Based on t-test analysis, p < 0.05. Not enough years of data to calculate.

Vhite* obacco Use								
		Health Risk Beha	vior and Percenta	ges		Linear Change [†]	Quadratic Change [†]	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019			
QNDAYEVP: 1 the 30 days before		nts who currently us	ed electronic vapor	products daily (on	all 30 days during	7		
the 30 days bere	ore the survey)		1.9	3.1	9.0	Increased, 2015-2019	Not available¶	Increased
	ntage of students we 30 days before the	ho currently smoked	cigarettes or used of	electronic vapor pro	oducts (on at least	, ,		
,			22.9	25.4	37.7	Increased, 2015-2019	Not available	Increased
QN36: Percenta	age of students who	usually got their ov	vn electronic vapor	products by buying	them in a store			
		market, discount sto rrently used electror						
				17.9	12.2	No linear change	Not available	No chang

^{*}Non-Hispanic. †Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.

 $^{^{\$}}$ Based on t-test analysis, p < 0.05. Not enough years of data to calculate.

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		Health Risk Beha	vior and Percenta	ges		Linear Change [†]	Quadratic Change [†]	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019			
N38: Percentag	-	currently smoked c	igars (cigars, cigaril	· · · · · · · · · · · · · · · · · · ·				

100.0

Not available

Not available¶

100.0

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

Not available

before the survey) 21.8 21.6 14.8 11.3 Decreased, 2009-2019 No quadratic change 11.2 6.5 Decreased

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

 $^{^{\$}}$ Based on t-test analysis, p < 0.05. $^{\$}$ Not enough years of data to calculate.

		Health Risk Beha	vior and Percenta	ges		Linear Change [†]	Quadratic Change [†]	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019			
QN40: Percenta	age of students who	had their first drink	of alcohol before a	ge 13 years (other	than a few sips)			
12.0	12.2	9.9	8.4	9.6	7.1	Decreased, 2009-2019	No quadratic change	No chang
	ge of students who	currently drank alco	ohol (at least one dr	ink of alcohol, on a	nt least 1 day			
35.6	33.7	31.4	27.5	25.3	24.0	Decreased, 2009-2019	No quadratic change	No chang
for female stude		currently were bing drinks of alcohol in e the survey)						

^{*}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.

Thite* Icohol and Othe	er Drug Use	Health Risk Behav	vior and Percenta	ges		Linear Change [†]	Quadratic Change [†]	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019			
		usually got the alcolutudents who currently		omeone giving it to	them (during the			
		30.2	40.5	37.0	34.6	No linear change	Not available¶	No change
QN45: Percenta	age of students who	ever used marijuana	(one or more time	s during their life)				,
42.1	41.1	39.0	38.8	35.8	39.1	Decreased, 2009-2019	No quadratic change	No change
		39.0 tried marijuana for t			39.1	Decreased, 2009-2019	No quadratic change	No chang
					39.1	Decreased, 2009-2019 Decreased, 2009-2019	No quadratic change No quadratic change	No chang
QN46: Percenta 7.0	age of students who 5.8	tried marijuana for t	he first time before 4.5	age 13 years 5.1	3.4			

^{*}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.

		Health Risk Beha	vior and Percentag	ges		Linear Change [†]	Quadratic Change [†]	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019			
QN48: Percent	tage of students who	ever used synthetic	marijuana (one or r	nore times during th	neir life)			
			7.8	4.7	7.7	No linear change	Not available¶	No change
NA9. Percent	tage of students who							
lifferently than	how a doctor told thand Percocet, one or			denie, vicodin, Ox	yConun,			
lifferently than				8.1	8.5	No linear change	Not available	No chang
differently than Hydrocodone, a		more times during t	heir life)	8.1	8.5	No linear change	Not available	No chang

^{*}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.

		Health Risk Beha	vior and Percentag	ges		Linear Change [†]	Quadratic Change [†]	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019			
QN52: Percenta		o ever used heroin (a	lso called "smack,"	"junk," or "China V	Vhite," one or			
nore times dum	ing then inte		1.7	2.4	1.1	No linear change	Not available¶	No change

^{*}Non-Hispanic. †Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.

 $^{^{\$}}$ Based on t-test analysis, p < 0.05. Not enough years of data to calculate.

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		Health Risk Beha	vior and Percenta	ges		Linear Change [†]	Quadratic Change [†]	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019			
N58: Percenta	ge of students who	ever had sexual inte	ercourse		.			
41.2	38.2	35.7	34.9	32.5	39.5	No linear change	Decreased, 2009-2015 Increased, 2015-2019	Increased
	ge of students who le 3 months before t	were currently sexu he survey)	ally active (had sex	ual intercourse with	h at least one			
			ally active (had sex	ual intercourse with 23.8	h at least one 32.3	No linear change	Decreased, 2009-2015 Increased, 2015-2019	Increased
30.2 2N62: Percenta	e 3 months before t 28.0	he survey)	25.0	23.8	32.3	No linear change		Increased
30.2 2N62: Percenta	28.0 ge of students who	he survey) 26.8	25.0	23.8	32.3	No linear change No linear change		Increased No chang
20.2 20.2 20.2 20.62: Percenta who were curren	ge of students who ge of students who	he survey) 26.8	25.0 ed drugs before last	23.8 sexual intercourse 14.8	32.3 (among students		Increased, 2015-2019	

^{*}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.

		Health Risk Behav	vior and Percentag	ges		Linear Change [†]	Quadratic Change [†]	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019			
	ge of students who who were currently	used birth control pi sexually active)	ills before last sexu	al intercourse (to p	revent pregnancy,			
27.6	31.8	33.2	34.6	32.5	26.8	No linear change	No quadratic change	No chang
ONILIDIMD. D.	ercentage of student	s who used an IUD						
	kplanon) before last	sexual intercourse (to prevent pregnand	2.3	7.8	Increased, 2013-2019	Not available¶	No chang
Implanon or Nez currently sexuall	explanon) before last y active) Percentage of studen g (such as NuvaRing		1.5	2.3 era), patch (such as	7.8 OrthoEvra), or		Not available¶	No chan

^{*}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.

hite* exual Behaviors	s	Health Risk Behav	ior and Percenta	ges		Linear Change [†]	Quadratic Change [†]	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019	_		
implant (such as	s Implanon or Nexp ch as NuvaRing) be	nts who used birth co planon); or a shot (suc fore last sexual interc	h as Depo-Provera), patch (such as O	rthoEvra), or birth			
		37.3	39.0	38.4	37.9	No linear change	Not available [¶]	No chang
pills; an IUD (s Depo-Provera),	uch as Mirena or Pa patch (such as Orth	ents who used both a caraGard) or implant (saoEvra), or birth contamong students who	such as Implanon of rol ring (such as N	or Nexplanon); or a uvaRing) before las	shot (such as	No linear change	Not available	No chang
pills; an IUD (so Depo-Provera), intercourse (to p	puch as Mirena or Pa patch (such as Orth prevent pregnancy,	araGard) or implant (snoEvra), or birth contramong students who	such as Implanon of roll ring (such as Nowere currently sex 15.9	or Nexplanon); or a uvaRing) before las ually active) 12.4	shot (such as st sexual	No linear change	Not available	No chang

^{*}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.

		Health Risk Behav	vior and Percenta	ges		Linear Change [†]	Quadratic Change [†]	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019			
	entage of students w sex- and age-specifi				ile for body mass			
14.6	13.8	14.9	13.4	15.1	12.9	No linear change	No quadratic change	No change
	rcentage of students reference data from			or body mass index,	based on sex-			
8.4	9.5	8.4	9.5	13.4	12.9	Increased, 2009-2019	No quadratic change	No chang
	age of students who	were trying to lose v	weight					
QN68: Percenta			44.1	49.2	45.5	No linear change	No quadratic change	No change
QN68: Percenta 45.3	45.8	44.9	44.1	19.2				
45.3	age of students who		·		nes during the 7			

^{*}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.

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.

			ges		Linear Change [†]	Quadratic Change [†]	Change from 2017-2019 §
2011	2013	2015	2017	2019			
of students who	did not eat fruit (on	e or more times dur	ing the 7 days before	re the survey)			
10.9	10.3	10.5	13.2	8.2	No linear change	No quadratic change	Decrease
			uices (such as orang	ge juice, apple			
4.7	4.6	5.6	7.1	5.8	No linear change	No quadratic change	No chang
3	of students who 10.9 ge of students who e, during the 7 da	of students who did not eat fruit (one 10.9 10.3 ge of students who did not eat fruit or e, during the 7 days before the survey	of students who did not eat fruit (one or more times dur 10.9 10.3 10.5 ge of students who did not eat fruit or drink 100% fruit ju e, during the 7 days before the survey)	of students who did not eat fruit (one or more times during the 7 days before 10.9 10.3 10.5 13.2 ge of students who did not eat fruit or drink 100% fruit juices (such as orange), during the 7 days before the survey)	of students who did not eat fruit (one or more times during the 7 days before the survey) 10.9 10.3 10.5 13.2 8.2 ge of students who did not eat fruit or drink 100% fruit juices (such as orange juice, apple e, during the 7 days before the survey)	of students who did not eat fruit (one or more times during the 7 days before the survey) 10.9 10.3 10.5 13.2 8.2 No linear change ge of students who did not eat fruit or drink 100% fruit juices (such as orange juice, apple ge, during the 7 days before the survey)	of students who did not eat fruit (one or more times during the 7 days before the survey) 10.9 10.3 10.5 13.2 8.2 No linear change No quadratic change et of students who did not eat fruit or drink 100% fruit juices (such as orange juice, apple et, during the 7 days before the survey)

^{*}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.

		Health Risk Behav	vior and Percentag	ges		Linear Change [†]	Quadratic Change [†]	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019			
		o ate fruit or drank lice, during the 7 da			er day (such as			
35.7	34.0	32.4	28.0	27.0	28.1	Decreased, 2009-2019	No quadratic change	No chang
	ge of students who	did not eat green sal	ad (one or more tin	nes during the 7 day	ys before the 36.2	Increased, 2009-2019	No quadratic change	No chang
32.8	31.6		35.7	37.1	36.2	Increased, 2009-2019	No quadratic change	No chang
32.8	31.6	30.2	35.7	37.1	36.2	Increased, 2009-2019 Increased, 2009-2019	No quadratic change No quadratic change	No chang No chang
32.8 32.8 QN72: Percenta 23.9	31.6 ge of students who	30.2 did not eat potatoes	35.7 (one or more times 33.7	37.1 s during the 7 days 1 34.3	36.2 pefore the survey) 32.4			

^{*}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.

		Health Risk Behav	vior and Percenta	ges		Linear Change [†]	Quadratic Change [†]	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019			
QN74: Percenta survey)	ge of students who	did not eat other veg	getables (one or mo	ore times during the	7 days before the			
14.0	12.6	12.5	16.4	16.3	13.7	No linear change	No quadratic change	No chang
		who did not eat vege ots, or other vegetab						
4.3	3.5	4.2	4.8	7.0	5.2	Increased, 2009-2019	No quadratic change	No chang
		who ate vegetables of es, or potato chips],						

^{*}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.

		Health Risk Beha	vior and Percenta	ges		Linear Change [†]	Quadratic Change [†]	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019	<u> </u>		
MVEC2. Page				do (do		:		
excluding Frenc	entage of students w h fries, fried potatoo					No linear change	No quadratic change	No chan
excluding Frenche survey) 29.5 QNVEG3: Perce	h fries, fried potato	29.3 Tho ate vegetables tl	24.5	24.6 per day (green salae	27.4 d, potatoes	No linear change	No quadratic change	No chang

^{*}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.

Vhite* hysical Activity								
		Health Risk Beha	vior and Percentag	ges		Linear Change [†]	Quadratic Change [†]	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019	_		
	activity that increase	were physically acti sed their heart rate a						
	51.5	49.7	50.0	46.7	46.5	No linear change	Not available¶	No change
	ny kind of physical	nts who did not partiactivity that increase						
	the / days before th	c survey)						
the time during	9.0	9.1	12.1	13.0	9.5	No linear change	Not available	No change
the time during QNPA7DAY: 1	9.0 Percentage of studer sical activity that in	-	ally active at least 6	0 minutes per day	on all 7 days (in	No linear change	Not available	No chang

^{*}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.

		Health Risk Behav	vior and Percenta	ges		Linear Change [†]	Quadratic Change [†]	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019			
day (counting ti	ne spent on things s	played video or com such as Xbox, PlaySo other social media, f	ation, an iPad or o	ther tablet, a smartj	ohone, texting,			
24.7	25.9	36.2	38.6	42.3	45.7	Increased, 2009-2019	No quadratic change	No change
ON91. Dargante	go of students who	attanded physical ad	lugation (DE) alass	on 1 or more der	s (in an avarage			
	ge of students who were in school) 81.4	attended physical ed	ducation (PE) classo	es on 1 or more day	rs (in an average	Decreased, 2009-2019	No quadratic change	No chang
83.3 QNDLYPE: Pe	were in school) 81.4		79.1	72.1	71.9	Decreased, 2009-2019	No quadratic change	No chang
83.3 QNDLYPE: Pe	were in school) 81.4 recentage of students	81.0	79.1	72.1	71.9	Decreased, 2009-2019 No linear change	No quadratic change No quadratic change	No chang
Week when they 83.3 QNDLYPE: Pe week when they 20.3 QN83: Percenta	were in school) 81.4 recentage of students were in school) 17.1	81.0 s who attended physi 25.0 had a concussion fro	79.1 cal education (PE) 18.4	72.1 classes on all 5 day	71.9 vs (in an average 7.2			

^{*}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.

Vhite* Other		Health Risk Behav	vior and Percenta	ges		Linear Change [†]	Quadratic Change [†]	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019			
	ge of students who onths before the sur	saw a dentist (for a vey)	check-up, exam, te	eth cleaning, or oth	er dental work,			
		82.9	84.9	85.7	85.4	No linear change	Not available¶	No change
QNNODNT: Pe	rcentage of student	s who never saw a d	entist (for a check-	up, exam, teeth clea	aning, or other			
		0.7	0.5	1.0	1.0	No linear change	Not available	No change
QN89: Percenta before the survey		described their grad	es in school as mos	stly A's or B's (duri	ng the 12 months			
69.9	73.5	75.4	77.7	79.5	81.1	Increased, 2009-2019	No quadratic change	No change

^{*}Non-Hispanic. †Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.

 $^{^{\$}}$ Based on t-test analysis, p < 0.05. Not enough years of data to calculate.

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Site-Added		Health Risk Behav	vior and Percenta	ges		Linear Change [†]	Quadratic Change [†]	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019			
QN90: Percenta	age of students who	have physical disab	ilities or long-term	health problems (m	neaning 6 months			
10.0	11.8	9.3	8.7	8.2	8.5	Decreased, 2009-2019	No quadratic change	No change
QN91: Percenta months or more)		have long-term emo	tional problems or	learning disabilities	s (meaning 6			
12.9	15.7	13.2	15.1	16.6	20.8	Increased, 2009-2019	No quadratic change	No change
QN92: Percenta	age of students who	are transgender						
				1.9	2.3	No linear change	Not available [¶]	No change
QN93: Percenta	age of students who	think other people a	t school would des	cribe them as equal	ly feminine and			
mascamic				11.0	8.9	No linear change	Not available	No change

^{*}Non-Hispanic. †Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.

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

		Health Risk Behav	vior and Percenta	ges		Linear Change [†]	Quadratic Change [†]	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019			
QN98: Percent	tage of students who	reported someone w	ho lives with them	smokes cigarettes				
		36.0	32.8	34.5	26.0	No linear change	Not available¶	No change
	ntage of students wh	o used electronic-va	por products mainly	y because a friend o	r family member			
niced them				13.9	12.2	Na liusan shansa	Not available	N I
used them				13.9	12.2	No linear change	Not available	No change
QN101: Percei	ntage of students wh	no smoked tobacco in	a hookah, narghile			No linear change	ivot available	No change

^{*}Non-Hispanic. †Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.

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

Vhite* ite-Added								
		Health Risk Behav	vior and Percenta	ges		Linear Change [†]	Quadratic Change [†]	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019	<u> </u>		
dissolvable toba Camel Snus, Ma	acco products [such arlboro Snus, Gene	ho currently used smo n as Redman, Levi Ga eral Snus, Ariva, Stone uring the 30 days befo	rrett, Beechnut, Sk ewall, or Camel Or	oal, Skoal Bandits,	Copenhagen,			
				4.9	1.8	Decreased, 2017-2019	Not available¶	Decrease
(mint), alcohol	(wine, cognac), car	ho currently used a to						
(mint), alcohol	(wine, cognac), car					Increased, 2017-2019	Not available	Increase
(mint), alcohol obefore the surve	(wine, cognac), car ey)	ndy, fruit, chocolate o	r other sweets (on	at least 1 day during 9.1	g the 30 days 14.3	Increased, 2017-2019	Not available	Increased
(mint), alcohol (before the surve	(wine, cognac), car ey)	ndy, fruit, chocolate o	r other sweets (on	at least 1 day during 9.1	g the 30 days 14.3	Increased, 2017-2019 No linear change	Not available Not available	Increased No chang
QN109: Percenduring the 30 da	(wine, cognac), carey) ntage of students what ways before the surventage of students what was a surventage of students which	ho currently took over	r-the-counter drugs 3.1 r always went hung	9.1 s to get high (one or 3.4	g the 30 days 14.3 more times 2.3	·		

^{*}Non-Hispanic. †Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.

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

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		Health Risk Behav	vior and Percenta	ges		Linear Change [†]	Quadratic Change [†]	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019			
	tage of students whonths before the sur	o reported their teeth	or mouth have been	en painful or sore (one or more times			
		44.3	44.0	43.6	50.7	Increased, 2013-2019	Not available¶	Increased
		o sometimes, most o			ous or			
		o sometimes, most o			23.0	Increased, 2013-2019	Not available	No change
embarrassed becombarrassed	cause of their teeth	o sometimes, most o	12 months before 17.4	the survey) 19.8 penefits of not havi	23.0	Increased, 2013-2019	Not available	No change
mbarrassed becombarrassed becombarrassed	cause of their teeth	o sometimes, most of or mouth (during the	12 months before 17.4	the survey) 19.8 penefits of not havi	23.0	Increased, 2013-2019 Decreased, 2015-2019	Not available Not available	
mbarrassed becomes property of the property of	tage of students wh	o sometimes, most of or mouth (during the	17.4 n school about the led diseases (STDs) 87.9	the survey) 19.8 Denefits of not havi 81.4	23.0 ng sexual 77.3	, 		No chang No chang

^{*}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.

		Health Risk Beha	vior and Percenta	Linear Change [†]	Quadratic Change [†]	Change from 2017-2019 §		
2009	2011	2013	2015	2017	2019			
	 							
		o reported their mer least 1 day during th			ess, depression,	No linear change	Not available¶	No chang
and problems w ON121: Percer	ith emotions, on at		ne 30 days before th	e survey) 65.4	69.8	· · · · · · · · · · · · · · · · · · ·	Not available [¶]	No chang

^{*}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

		Health Risk Beha	vior and Percenta	ges		Linear Change [†]	Quadratic Change [†]	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019			
QN8: Percentag	ge of students who r	arely or never wore	a seat belt (when ri	ding in a car driver	by someone else	e)		
19.0	17.5	13.5	12.1	15.0	9.4	Decreased, 2009-2019	No quadratic change	No change
		ode with a driver whose before the survey)		g alcohol (in a car	or other vehicle,			
21.0	27.7	28.2	25.0	13.3	12.7	Decreased, 2009-2019	No change, 2009-2013 Decreased, 2013-2019	No change
	age of students who	carried a weapon or e the survey)	school property (s	such as a gun, knife	, or club, on at			
4.2	4.9	10.4	6.0	5.3	3.1	No linear change	No change, 2009-2013 No change, 2013-2019	No change
		did not go to school g the 30 days before		insafe at school or o	on their way to or			
	at least I day during							

^{*}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.

		Health Risk Beha	vior and Percenta	ges		Linear Change [†]	Quadratic Change [†]	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019			
QN18: Percenta 12 months before	age of students who re the survey)	were in a physical f	ight on school prop	erty (one or more ti	mes during the			
9.7	10.3	12.2	8.6	10.9	12.7	No linear change	No quadratic change	No chang
QN19: Percenta want to)	age of students who		y forced to have sex	gual intercourse (wh	nen they did not	No linear change	No quadratic change	No chang
5.6	6.7	11.5	0.5	0.2	0.0	No fifical change	No quadratic change	NO Chang
QN23: Percenta	6.7					No linear change	No quadratic change	NO CHAIL
						No linear change	No quadratic change	No chang
QN23: Percenta survey) 9.2 QN24: Percenta	age of students who	were bullied on sch	8.4 bullied (counting b	luring the 12 month 7.5 eing bullied through	as before the			

^{*}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.

lack* njury and Violen	ace	Health Risk Behav	ior and Percenta	ges		Linear Change [†]	Quadratic Change [†]	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019			
QN25: Percenta stopped doing so	ge of students who ome usual activities,	felt sad or hopeless (, ever during the 12 i	(almost every day f	for >=2 weeks in a r survey)	row so that they			
22.5	21.9	27.4	22.0	23.5	27.6	No linear change	No quadratic change	No change
		 		 				
QN26: Percenta the survey)	ge of students who	seriously considered	attempting suicide	e (ever during the 1)	2 months before			
	ge of students who 8.2	seriously considered	attempting suicide	e (ever during the 1)	2 months before 12.4	No linear change	No quadratic change	No change
the survey) 8.9	8.2 ge of students who		10.6	9.3	12.4	No linear change	No quadratic change	No change
the survey) 8.9 QN27: Percenta	8.2 ge of students who	22.3	10.6	9.3	12.4	No linear change	No quadratic change	No change
the survey) 8.9 QN27: Percenta before the survey 9.1	8.2 ge of students who y) 11.4	22.3 made a plan about h	10.6 ow they would atte	9.3 empt suicide (during 15.7	12.4 g the 12 months 16.6			

^{*}Non-Hispanic. †Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.

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

Rhode Island High School Survey 10-year Trend Analysis Report

Black*

		Health Risk Beha	vior and Percenta	ges		Linear Change [†]	Quadratic Change [†]	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019			
QN30: Percenta	ge of students who	ever tried cigarette	smoking (even one	or two puffs)				
34.0	33.3	24.9	15.9	13.5	12.8	Decreased, 2009-2019	No quadratic change	No change
QN32: Percenta survey)	ge of students who	currently smoked ci	garettes (on at leas	t 1 day during the 3	0 days before the			
6.5	7.0	5.3	2.2	1.3	3.4	Decreased, 2009-2019	No quadratic change	No change
QNFRCIG: Pero 80 days before the		who currently smok	ted cigarettes freque	ently (on 20 or mor	e days during the			
3.3	2.9	2.7	1.4	0.5	2.7	No linear change	No quadratic change	No change
QNDAYCIG: Poefore the survey		ts who currently sm	oked cigarettes dai	ly (on all 30 days d	uring the 30 days			
	2.6	1.9	1.4	0.3	2.7	No linear change	No quadratic change	No chang

^{*}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.

ack* obacco Use								
		Health Risk Beha	avior and Percentag	ges		Linear Change [†]	Quadratic Change [†]	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019			
	ipes, vaping pens, e-		onic vapor product (ah pens [such as blu,					
			24.7				_	
			31.5	33.2	42.4	No linear change	Not available¶	No chang
e-pipes, vape pi	ipes, vaping pens, e-	hookahs, and hooka	electronic vapor prod ah pens [such as blu, e 30 days before the	luct (including e-ci NJOY, Vuse, Mar	garettes, e-cigars,	No linear change No linear change	Not available	No chang No chang
e-pipes, vape pi Vapin Plus, eGo QNFREVP: Pe	ipes, vaping pens, e- o, and Halo], on at l	hookahs, and hooka east 1 day during the	electronic vapor prod ah pens [such as blu, e 30 days before the	luct (including e-cig NJOY, Vuse, Mar survey)	garettes, e-cigars, kTen, Logic, 18.0			

^{*}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.

		Health Risk Behav	vior and Percenta	ges		Linear Change [†]	Quadratic Change [†]	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019			
QNDAYEVP: 1 he 30 days befo		nts who currently use	ed electronic vapor	products daily (on	all 30 days during			
			1.9	5.1	4.4	No linear change	Not available¶	No chang
								:
		no currently smoked survey)	cigarettes or used e	lectronic vapor pro	oducts (on at least			
	ntage of students when 20 days before the		cigarettes or used e	lectronic vapor pro	ducts (on at least 22.3	Increased, 2015-2019	Not available	No chang
						Increased, 2015-2019	Not available	No chang
day during the	e 30 days before the	survey) currently smoked ci	16.5	13.3	22.3	Increased, 2015-2019	Not available	No chang
day during the	e 30 days before the	survey) currently smoked ci	16.5	13.3	22.3	Increased, 2015-2019 Decreased, 2009-2019	Not available No change, 2009-2013 Decreased, 2013-2019	No chang Decrease
QN38: Percental luring the 30 da 6.0	e 30 days before the age of students who ays before the survey 12.4	currently smoked ci	16.5 gars (cigars, cigaril 8.4	13.3 los, or little cigars, 5.2	22.3 on at least 1 day 0.8		No change, 2009-2013	

^{*}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.

		Health Risk Behav	vior and Percentag	ges		Linear Change [†]	Quadratic Change [†]	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019			
QN40: Percenta	ge of students who	had their first drink	of alcohol before a	ge 13 years (other t	han a few sips)			
20.9	17.2	24.0	17.1	14.1	13.8	No linear change	No quadratic change	No chang
		currently drank alco	hol (at least one dri	nk of alcohol, on a	t least 1 day			
	ge of students who ys before the survey							
			20.0	19.1	13.2	Decreased, 2009-2019	No change, 2009-2013 Decreased, 2013-2019	No chang
22.5 QN42: Percenta or female stude	30.6 ge of students who	33.7 currently were bingedrinks of alcohol in a	e drinking (had four	or more drinks of	alcohol in a row	Decreased, 2009-2019		No chang

^{*}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

lack* lcohol and Othe	r Drug Use	Health Risk Beha	vior and Percenta	ges		Linear Change [†]	Quadratic Change [†]	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019			
QN45: Percenta	ge of students who	ever used marijuana	(one or more time	s during their life)				
37.0	40.6	38.5	35.3	39.1	36.4	No linear change	No quadratic change	No change
QN46: Percenta	ge of students who	tried marijuana for	the first time before	e age 13 years				
12.8	9.4	10.5	8.8	7.7	5.5	Decreased, 2009-2019	No quadratic change	No change
QN47: Percenta survey)	ge of students who	currently used mari	juana (one or more	times during the 30	days before the			
	27.8	25.8	24.4	26.7	17.2	No linear change	No quadratic change	Decreased

10.2

6.1

No linear change

Not available¶

9.8

No change

^{*}Non-Hispanic. †Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.

 $^{^{\$}}$ Based on t-test analysis, p < 0.05. Not enough years of data to calculate.

	er Drug Use	Health Risk Behav	vior and Percenta	ges		Linear Change [†]	Quadratic Change [†]	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019			
differently than	how a doctor told t	ever took prescription hem to use it (counting more times during the	ng drugs such as co					
				13.8	13.3	No linear change	Not available¶	No chang
	age of students who more times during 5.7	ever used cocaine (a their life)	ny form of cocaine	e, including powder	c, crack, or	No linear change	No quadratic change	No chang
freebase, one or 2.7	5.7 age of students who	their life)	7.2	8.6	3.7	No linear change	No quadratic change	No chang
2.7 QN52: Percent	5.7 age of students who	their life) 7.4	7.2	8.6	3.7	No linear change	No quadratic change Not available	No chang
2.7 QN52: Percent more times duri	5.7 age of students who	their life) 7.4	7.2 so called "smack," 4.7	8.6 "junk," or "China V 7.4	3.7 White," one or 3.0			

^{*}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.

		Health Risk Behav	vior and Percenta	ges		Linear Change [†]	Quadratic Change [†]	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019			
		ho were overweight c reference data from			ile for body mass			
20.3	11.7	18.4	10.4	15.1	19.6	No linear change	No change, 2009-2015 Increased, 2015-2019	No change
		who had obesity (> n the 2000 CDC grown		or body mass index.	, based on sex-			
11.0	10.6	15.8	15.2	17.8	10.6	No linear change	No quadratic change	No change
QN68: Percenta	ge of students who	were trying to lose v	weight					
37.2	32.8	38.9	34.8	39.3	38.7	No linear change	No quadratic change	No change
QN69: Percenta days before the s		did not drink fruit ju	nice (100% fruit jui	ces one or more tin	nes during the 7			
19.8	16.8	18.5	24.7	19.3	24.0	No linear change	No quadratic change	No change

^{*}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.

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.

2013 o did not eat fruit (on	2015	2017	2019			
did not eat fruit (on	ne or more times du					
	ie of more times du	ring the 7 days befo	re the survey)			
18.2	18.1	18.1	12.2	No linear change	No quadratic change	No chang
		uices (such as orang	ge juice, apple			
5.6	9.5	6.5	7.9	No linear change	No quadratic change	No chang
l	lays before the surve	lays before the survey) 5.6 9.5	lays before the survey) 5.6 9.5 6.5		lays before the survey) 5.6 9.5 6.5 7.9 No linear change	lays before the survey) 5.6 9.5 6.5 7.9 No linear change No quadratic change

^{*}Non-Hispanic. †Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.

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

Black* Veight Managem	nent and Dietary B	ehaviors						
		Health Risk Behav	vior and Percenta	ges		Linear Change [†]	Quadratic Change [†]	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019			
		o ate fruit or drank luice, during the 7 da			er day (such as			
28.0	33.4	37.9	34.6	28.9	32.3	No linear change	No quadratic change	No change
QN71: Percenta survey)	ge of students who	did not eat green sal	ad (one or more tir	nes during the 7 da	ys before the			
49.8	47.1	48.9	55.7	43.7	57.0	No linear change	No quadratic change	Increased
QN72: Percenta	ge of students who	did not eat potatoes	(one or more times	during the 7 days	before the survey)			,
41.3	34.2	32.6	39.8	50.4	51.9	Increased, 2009-2019	No quadratic change	No change
QN73: Percenta	ge of students who	did not eat carrots (one or more times of	luring the 7 days be	efore the survey)			
62.9	62.4	51.9	59.5	57.7	68.8	No linear change	Decreased, 2009-2013 Increased, 2013-2019	No change

^{*}Non-Hispanic. †Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.

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

		Health Risk Behav	vior and Percenta	ges		Linear Change [†]	Quadratic Change [†]	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019			
QN74: Percenta survey)	ge of students who	did not eat other veg	getables (one or mo	ore times during the	7 days before the			
31.2	28.8	25.6	27.3	29.4	22.4	No linear change	No quadratic change	No chang
		who did not eat vege ots, or other vegetab				No linear change	No quadratic change	No chang
11.0	12.3	10.3	13.0	9.3	17.1	No iniear change	No quadratic change	No chang
		who ate vegetables o es, or potato chips],						
he survey)								

^{*}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.

		Health Risk Behav	vior and Percenta	ges		Linear Change [†]	Quadratic Change [†]	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019			
NIVEGA D	6 1 1	1		1 / 1 1				
excluding Frenche ne survey)	entage of students we her fries, fried potato	es, or potato chips],	carrots, or other ve	egetables, during the	e 7 days before	N. F.	N 1 1 1	N. I
						No linear change	No quadratic change	No chang
excluding Frenche survey) 21.0 QNVEG3: Perc	ch fries, fried potato	27.4 who ate vegetables the	25.1 arree or more times	30.5 per day (green salae	26.2 d, potatoes	No linear change	No quadratic change	No chan

^{*}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.

		Health Risk Behav	vior and Percenta	ges		Linear Change [†]	Quadratic Change [†]	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019	_		
	age of students who l activity that increas ne survey)							
	39.8	39.8	42.1	30.3	35.8	No linear change	Not available [¶]	No chang
OND LOD LIV	Percentage of studer	nts who did not partic						
least 1 day (in a	any kind of physical at the 7 days before the 20.2		18.2	22.1	27.7	No linear change	Not available	No chang
least 1 day (in a the time during QNPA7DAY:	any kind of physical at the 7 days before the 20.2 Percentage of student activity that income	e survey) 18.4 ats who were physica	ally active at least 6	50 minutes per day	on all 7 days (in	No linear change	Not available	No chang

^{*}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.

		Health Risk Behav	vior and Percenta	ges		Linear Change [†]	Quadratic Change [†]	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019			
day (counting tir	ne spent on things s	played video or com such as Xbox, PlaySt other social media, f	ation, an iPad or o	ther tablet, a smart	phone, texting,			
35.0	32.7	45.0	38.8	40.3	48.4	Increased, 2009-2019	No quadratic change	No change
ONS1. Percents	ge of students who	attended physical ad	lucation (PE) class	es on 1 or more des	is (in an average			
	ge of students who were in school) 71.9	attended physical ed	ducation (PE) classed	es on 1 or more day	vs (in an average	Decreased, 2009-2019	Decreased, 2009-2013 No change, 2013-2019	No chang
week when they 84.9 QNDLYPE: Pe	were in school) 71.9		68.3	67.6	69.1	Decreased, 2009-2019		No chang
week when they 84.9 QNDLYPE: Pe	were in school) 71.9 recentage of students	69.3	68.3	67.6	69.1	Decreased, 2009-2019 No linear change		No chang
2NDLYPE: Perweek when they 30.4 2N83: Percenta	recentage of students were in school) 40.5	69.3 who attended physi 21.1 had a concussion from	68.3 cal education (PE) 12.4	67.6 classes on all 5 day 26.4	69.1 ys (in an average 25.9		No change, 2013-2019	

^{*}Non-Hispanic. †Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.

 $^{^{\$}}$ Based on t-test analysis, p < 0.05. Not enough years of data to calculate.

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		Health Risk Beha	vior and Percenta	Linear Change [†]	Quadratic Change [†]	Change from 2017-2019 §		
2009	2011	2013	2015	2017	2019			
				· · · · · · · · · · · · · · · · · · ·	.			
QN86: Percent		saw a dentist (for a		· · · · · · · · · · · · · · · · · · ·	.			

5.3

61.5

No linear change

No linear change

Not available

Increased, 2009-2015

Decreased, 2015-2019

5.7

69.4

2.4

68.4

QN89: Percentage of students who described their grades in school as mostly A's or B's (during the 12 months

6.1

75.9

before the survey)

50.9

56.0

No change

No change

^{*}Non-Hispanic. †Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.

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

Not enough years of data to calculate.

Rhode Island High School Survey 10-year Trend Analysis Report

Black*

		Health Risk Beha	vior and Percenta	ges		Linear Change [†]	Quadratic Change [†]	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019			
QN90: Percenta or more)	age of students who	have physical disab	ilities or long-term	health problems (m	eaning 6 months			
5.5	9.9	5.4	6.0	6.0	5.3	No linear change	No quadratic change	No change
QN91: Percenta		have long-term emo	otional problems or	learning disabilities	s (meaning 6			
		have long-term emo	otional problems or	learning disabilities	s (meaning 6	No linear change	No quadratic change	No change
9.0)	8.2	•	-	_	No linear change	No quadratic change	No change
9.0	10.6	8.2	•	-	_	No linear change Not available	No quadratic change Not available [¶]	No change Not available
9.0 9.0 QN92: Percenta	10.6 age of students who	8.2	7.0	6.7	0.0			

^{*}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.

		Health Risk Beha	vior and Percenta	ges		Linear Change [†]	Quadratic Change [†]	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019			
QN98: Percent	tage of students who	reported someone v	ho lives with them	smokes cigarettes	-			
		24.0	18.4	22.7	18.7	No linear change	Not available¶	No change
	ntage of students wh	o used electronic-va	por products mainly	y because a friend o	or family member			
QN100: Percerused them	ntage of students wh	no used electronic-va	por products mainly	y because a friend of	or family member	No linear change	Not available	No change
used them QN101: Percei		o smoked tobacco ir		15.3	17.0	No linear change	Not available	No change

^{*}Non-Hispanic. †Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.

 $^{^{\$}}$ Based on t-test analysis, p < 0.05. Not enough years of data to calculate.

		Health Risk Behav	vior and Percenta	ges		Linear Change [†]	Quadratic Change [†]	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019	<u> </u>		
dissolvable toba Camel Snus, Ma	acco products [such arlboro Snus, Gene	no currently used smo as Redman, Levi Ga ral Snus, Ariva, Stone uring the 30 days before	rrett, Beechnut, Sk ewall, or Camel Or	oal, Skoal Bandits,	Copenhagen,			
				7.1	0.0	Not available	Not available¶	Not availabl
	(wine, cognac), can	no currently used a tolody, fruit, chocolate of						
(mint), alcohol	(wine, cognac), can					No linear change	Not available	No change
(mint), alcohol before the surve	(wine, cognac), can	ndy, fruit, chocolate on	other sweets (on a	at least 1 day during	g the 30 days 2.4	No linear change	Not available	No change
(mint), alcohol before the surve	(wine, cognac), can	ndy, fruit, chocolate on	other sweets (on a	at least 1 day during	g the 30 days 2.4	No linear change Decreased, 2013-2019	Not available Not available	No change
(mint), alcohol obefore the surve QN109: Percenduring the 30 da	(wine, cognac), can ey) ntage of students whays before the surve	no currently took over	rother sweets (on a rother sweets) rother	8.0 to get high (one or	g the 30 days 2.4 more times 3.0			,

^{*}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.

		Health Risk Behav	vior and Percenta	ges		Linear Change [†]	Quadratic Change [†]	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019			
	tage of students whonths before the su	o reported their teeth	or mouth have bee	en painful or sore (d	one or more times			
		38.7	46.1	50.3	53.5	Increased, 2013-2019	Not available [¶]	No change
		o sometimes, most o			ous or			
		o sometimes, most o			ous or 23.4	No linear change	Not available	No chang
embarrassed bec	cause of their teeth	o sometimes, most o	12 months before to 17.3	he survey) 22.4 penefits of not havi	23.4	No linear change	Not available	No chang
embarrassed bec	cause of their teeth	oo sometimes, most oo or mouth (during the 17.3	12 months before to 17.3	he survey) 22.4 penefits of not havi	23.4	No linear change No linear change	Not available Not available	No chang No chang
embarrassed bec QN115: Percen ntercourse to pr	tage of students wherevent pregnancy an	oo sometimes, most oo or mouth (during the 17.3	17.3 n school about the led diseases (STDs) 69.5	22.4 Denefits of not havi	23.4 ng sexual 65.2			

^{*}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.

te-Added		Health Risk Beha	vior and Percenta	ges		Linear Change [†]	Quadratic Change [†]	Change from 2017-2019 §
2009	2011	2013	2015	2017	2019			
2007								
QN120: Percen		o reported their mer least 1 day during th			ess, depression,			
QN120: Percen					ess, depression,	No linear change	Not available¶	No char
QN120: Percenand problems w	rith emotions, on at		ne 30 days before th	e survey) 49.9	52.2	No linear change	Not available [¶]	No chang

^{*}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

Hisnanic

		Health Risk Behavior and Percent		es		Linear Change [*]	Quadratic Change*	Change from 2017-2019 †
2009	2011	2013	2015	2017	2019			
QN8: Percentag	ge of students who r	arely or never wore	a seat belt (when ri	ding in a car driven	by someone else)			
19.7	17.2	10.9	11.2	8.2	8.5	Decreased, 2009-2019	No quadratic change	No change
	ge of students who re es during the 30 day			g alcohol (in a car	or other vehicle,			
29.0	29.1	24.7	21.9	16.5	19.8	Decreased, 2009-2019	No quadratic change	No change
	age of students who ys before the survey y)							
luring the 30 da	ys before the survey					No linear change	Not available [§]	Decreased
during the 30 da before the surve	ys before the survey	24.0 carried a weapon on	ho had driven a car	or other vehicle du	ring the 30 days	No linear change	Not available [§]	Decreased

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

[§]Not enough years of data to calculate.

]	Health Risk Behav	ior and Percentag	es		Linear Change [*]	Quadratic Change*	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
	age of students who at least 1 day during			insafe at school or o	n their way to or			
14.1	10.4	9.7	8.2	10.1	13.7	No linear change	Decreased, 2009-2015 No change, 2015-2019	No change
ON18: Percenta	age of students who	were in a physical f	ight on school prop	erty (one or more ti	mes during the	,		
12 months before	re the survey)							
	re the survey) 10.6	8.4	14.5	13.7	11.6	No linear change	No quadratic change	No change
12.3				,		No linear change	No quadratic change	No change

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

		Health Risk Behavi	or and Percentag	es		Linear Change*	Quadratic Change [*]	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
dating or going forced to have s	out with to do sexua exual intercourse] the	experienced sexual or al things [counting su they did not want or went out with som	ich things as kissin to, one or more tir	g, touching, or being the 12 n	ng physically nonths before the			
		9.8	11.7	15.4	13.0	No linear change	Not available§	No change
		7.0			10.0			110 change
someone they winjured with an	ere dating or going object or weapon] o	experienced physica out with [counting some or more times during the 12 months]	uch things as being ring the 12 months	hit, slammed into before the survey,	art on purpose by something, or			To change
someone they winjured with an	ere dating or going object or weapon] o	experienced physica out with [counting so ne or more times dur	uch things as being ring the 12 months	hit, slammed into before the survey,	art on purpose by something, or	Decreased, 2013-2019	Not available	No change
someone they w injured with an who dated or we	ere dating or going object or weapon] o ent out with someon	experienced physica out with [counting so ne or more times dur- e during the 12 mont	uch things as being ring the 12 months ths before the surve 11.1	hit, slammed into before the survey, ey) 8.4	ort on purpose by something, or among students 7.4		Not available	

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

[§]Not enough years of data to calculate.

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 2017-2019 † 2009 2011 2013 2015 2017 2019 QN24: Percentage of students who were electronically bullied (counting being bullied through texting, Instagram, Facebook, or other social media, ever during the 12 months before the survey) 14.5 10.6 9.9 13.1 11.9 No linear change Not available§ No change QN25: Percentage of students who felt sad or hopeless (almost every day for >=2 weeks in a row so that they stopped doing some usual activities, ever during the 12 months before the survey) 32.2 31.3 28.4 31.1 35.3 36.8 Increased, 2009-2019 Decreased, 2009-2013 No change Increased, 2013-2019 QN26: Percentage of students who seriously considered attempting suicide (ever during the 12 months before the survey) 15.3 14.8 15.9 15.0 17.8 13.4 No linear change No quadratic change No change QN27: Percentage of students who made a plan about how they would attempt suicide (during the 12 months before the survey) 14.9 13.8 10.9 13.1 16.4 13.6 No linear change No quadratic change No change

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

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

[§]Not enough years of data to calculate.

Hispanic Injury and Violence		Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change [*]	Change from 2017-2019 †
2009	2011	2013	2015	2017	2019			
QN28: Percentage survey)	e of students who	attempted suicide (d	one or more times d	luring the 12 month	ns before the			
12.8	14.6	18.2	14.0	15.0	17.7	Increased, 2009-2019	No quadratic change	No change

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

Rhode Island High School Survey 10-year Trend Analysis Report

Hispanic Tobacco Use

bacco Use		Health Risk Behav	ior and Percentag	es		Linear Change [*]	Quadratic Change*	Change from 2017-2019 †
2009	2011	2013	2015	2017	2019	<u> </u>		
QN30: Percenta	age of students who	ever tried cigarette	smoking (even one	or two puffs)	•			
35.3	31.4	31.6	25.0	21.5	13.4	Decreased, 2009-2019	No change, 2009-2013 Decreased, 2013-2019	Decreased
QN32: Percenta survey)	age of students who	currently smoked ci	garettes (on at leas	t 1 day during the 3	0 days before the			
7.7	7.6	4.0	3.7	6.3	4.9	No linear change	No quadratic change	No change
QNFRCIG: Per 30 days before the		who currently smok	ed cigarettes freque	ently (on 20 or mor	e days during the	. ,		+
2.9	2.8	1.1	2.5	2.3	1.6	No linear change	No quadratic change	No change
QNDAYCIG: P		nts who currently sm	oked cigarettes dai	ly (on all 30 days d	uring the 30 days			
2.4	1.4	0.8	1.8	1.9	1.6	No linear change	Decreased, 2009-2015 No change, 2015-2019	No change

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

spanic bacco Use								
		Health Risk Behav	vior and Percentag	es		Linear Change*	Quadratic Change*	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
	pes, vaping pens, e-		onic vapor product (h pens [such as blu					
			44.9	39.7	42.2	No linear change	Not available§	No change
e-pipes, vape pi	pes, vaping pens, e-	hookahs, and hooka	lectronic vapor proc th pens [such as blu, e 30 days before the	, NJOY, Vuse, Mar		No linear change	Not available	No change
	rcentage of students 30 days before the		d electronic vapor pr	oducts frequently ((on 20 or more			
days during the								

^{*}Based on trend analyses using a logistic regression model controlling 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

Uicnonio

		Health Risk Behav	or and Percentag	es		Linear Change [*]	Quadratic Change [*]	Change fron 2017-2019
2009	2011	2013	2015	2017	2019			
QNDAYEVP: 1 he 30 days befo		nts who currently us	ed electronic vapor	products daily (on	all 30 days during			
			1.7	1.0	4.4	Increased, 2015-2019	Not available§	No change
	ntage of students when the	no currently smoked survey)	cigarettes or used e	electronic vapor pro	oducts (on at least			
			17.9	19.5	23.2	No linear change	Not available	No change
	age of students who	currently smoked ci		+		No linear change	Not available	No change
				+		No linear change Decreased, 2009-2019	Not available No change, 2009-2013 Decreased, 2013-2019	No chang
during the 30 da	10.0 ntage of students when	y)	gars (cigars, cigaril	llos, or little cigars,	on at least 1 day 4.3	Decreased, 2009-2019	No change, 2009-2013	

^{*}Based on trend analyses using a logistic regression model controlling 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

Hisnanic

1 20	13	2015					
		2015	2017	2019			
ents who had their	first drink of a	lcohol before ag	ge 13 years (other the	han a few sips)			
4.7	9.7	16.1	16.6	13.6	Decreased, 2009-2019	No quadratic change	No change
	drank alcohol	(at least one dri	nk of alcohol, on at	t least 1 day			
7.5	80.9	26.5	19.5	17.3	Decreased, 2009-2019	No quadratic change	No change
	ents who currently he survey) 7.5 3	ents who currently drank alcohol he survey) 7.5 30.9	4.7 19.7 16.1 ents who currently drank alcohol (at least one dring the survey) 7.5 30.9 26.5	4.7 19.7 16.1 16.6 The ents who currently drank alcohol (at least one drink of alcohol, on a the survey) 7.5 30.9 26.5 19.5	ents who currently drank alcohol (at least one drink of alcohol, on at least 1 day he survey)	4.7 19.7 16.1 16.6 13.6 Decreased, 2009-2019 ents who currently drank alcohol (at least one drink of alcohol, on at least 1 day he survey) 7.5 30.9 26.5 19.5 17.3 Decreased, 2009-2019	4.7 19.7 16.1 16.6 13.6 Decreased, 2009-2019 No quadratic change ents who currently drank alcohol (at least one drink of alcohol, on at least 1 day he survey) 7.5 30.9 26.5 19.5 17.3 Decreased, 2009-2019 No quadratic change

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

[§]Not enough years of data to calculate.

Rhode Island High School Survey 10-year Trend Analysis Report

Hispanic

		Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change*	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
N45: Percentag	ge of students who	ever used marijuana	(one or more time	s during their life)				
34.9	37.3	41.2	41.5	37.0	34.9	No linear change	No change, 2009-2015 Decreased, 2015-2019	No change
N46: Percentag	ge of students who	tried marijuana for t	he first time before	e age 13 years				
9.8	9.6	9.2	9.9	9.8	3.9	Decreased, 2009-2019	No change, 2009-2015 Decreased, 2015-2019	Decreased
N47: Percentagurvey)	ge of students who	currently used marij	uana (one or more	times during the 30) days before the			:
21.5	23.4	24.7	23.0	22.6	19.9	No linear change	No quadratic change	No change
N48: Percenta	ge of students who	ever used synthetic	marijuana (one or 1	nore times during t	heir life)			
			9.3	7.3	7.4	No linear change	Not available§	No change

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

[§]Not enough years of data to calculate.

		Health Risk Behavi	or and Percentag	es		Linear Change*	Quadratic Change*	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
differently than	how a doctor told t	o ever took prescription them to use it (counting) the more times during the	ng drugs such as co	rithout a doctor's pr deine, Vicodin, Ox	escription or yContin,			
				12.7	11.1	No linear change	Not available§	No change
	age of students who more times during 7.9	o ever used cocaine (a their life) 5.3	ny form of cocaine	e, including powder	c, crack, or	Decreased, 2009-2019	No quadratic change	No change
freebase, one or 5.2	7.9 age of students who	their life)	7.8	4.8	3.2	Decreased, 2009-2019	No quadratic change	No change
freebase, one or 5.2 QN52: Percent	7.9 age of students who	their life) 5.3	7.8	4.8	3.2	Decreased, 2009-2019 No linear change	No quadratic change Not available	No change
freebase, one or 5.2 QN52: Percent more times duri	7.9 age of students who	their life) 5.3	7.8 so called "smack,"	4.8 "junk," or "China V 5.0	3.2 White," one or 4.0			

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

[§]Not enough years of data to calculate.

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Hispanic

]	Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change*	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
N58: Percenta	ge of students who	ever had sexual inte	rcourse					
52.4	49.7	42.2	41.9	40.6	43.3	Decreased, 2009-2019	No quadratic change	No change
	ge of students who le 3 months before t	were currently sexu the survey)	ally active (had sex	tual intercourse wit	h at least one			.
37.2	36.1	28.6	30.2	29.4	31.2	Decreased, 2009-2019	Decreased, 2009-2013 No change, 2013-2019	No change
N62: Percenta		drank alcohol or use		:				No change
N62: Percenta	ge of students who	drank alcohol or use		:				No change
QN62: Percenta who were curren	ge of students who tly sexually active)	drank alcohol or use	ed drugs before last	sexual intercourse	(among students	· , .	No change, 2013-2019	

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

Hispan	ic
Sexual	Behaviors

		Health Risk Behavi	ior and Percentag	res		Linear Change*	Quadratic Change*	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
	ge of students who who were currently	used birth control pi sexually active)	ills before last sexu	nal intercourse (to pr	revent pregnancy,	,		
								3.7 1
10.5 ONIUDIMP: Pe	11.6	11.4	8.9 (such as Mirena or	21.2 ParaGard) or impla	20.3	No linear change	No quadratic change	No change
QNIUDIMP: Pe	rcentage of student planon) before last	s who used an IUD (sexual intercourse ((such as Mirena or	ParaGard) or impla	nt (such as	No linear change	No quadratic change	No change
QNIUDIMP: Pe Implanon or Nex	rcentage of student planon) before last	s who used an IUD ((such as Mirena or	ParaGard) or impla	nt (such as	No linear change No linear change	No quadratic change Not available [§]	No change
QNIUDIMP: Pemplanon or Nexurrently sexuall	ercentage of student (planon) before last y active) ercentage of studer y (such as NuvaRin	s who used an IUD (sexual intercourse ((such as Mirena or to prevent pregnan 3.0 such as Depo-Prov	ParaGard) or impla icy, among students 9.0 vera), patch (such as	nt (such as who were 9.5 OrthoEvra), or			

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

[§]Not enough years of data to calculate.

		Health Risk Behavi	or and Percentag	es		Linear Change [*]	Quadratic Change*	Change from 2017-2019
2009	2011	2013	2015	2017	2019	<u> </u>		
implant (such as	Implanon or Nexp ch as NuvaRing) be	ents who used birth co planon); or a shot (suc efore last sexual interc	ch as Depo-Provera), patch (such as O	rthoEvra), or birth			
•	•	18.9	20.8	32.7	35.9	Increased, 2013-2019	Not available§	No chang
		10.9	20.0	32.1	33.9	nicreased, 2013-2019	Not available	No chang
oills; an IUD (su Depo-Provera),	ich as Mirena or Pa patch (such as Ortl	ents who used both a araGard) or implant (noEvra), or birth cont among students who	condom during last such as Implanon o rol ring (such as Nu were currently sexu	sexual intercourse r Nexplanon); or a avaRing) before last ally active)	and birth control shot (such as st sexual	, 		
oills; an IUD (su Depo-Provera),	ich as Mirena or Pa patch (such as Ortl	ents who used both a araGard) or implant (anoEvra), or birth cont	condom during last such as Implanon o rol ring (such as Nu	sexual intercourse r Nexplanon); or a ivaRing) before las	and birth control shot (such as	No linear change	Not available	No chang
oills; an IUD (su Depo-Provera), ntercourse (to p	nch as Mirena or Pa patch (such as Orth prevent pregnancy,	ents who used both a araGard) or implant (noEvra), or birth cont among students who	condom during last such as Implanon o rol ring (such as No were currently sexu	sexual intercourse r Nexplanon); or a ivaRing) before land itally active)	e and birth control shot (such as st sexual	, 		

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

[§]Not enough years of data to calculate.

]	Health Risk Behav	or and Percentag	es		Linear Change*	Quadratic Change*	Change from 2017-2019
2009	2011	2013	2015	2017	2019			
	entage of students w sex- and age-specifi				ile for body mass			
21.3	20.7	21.2	19.6	18.1	18.5	No linear change	No quadratic change	No change
ONOBESE: Per	rcentage of students	who had obesity (>		or body mass index,	based on sex-			
	reference data from		vth charts)§					
			vth charts) [§] 19.0	22.4	20.6	Increased, 2009-2019	No quadratic change	No change
and age-specific	reference data from	16.6	19.0	22.4	20.6	Increased, 2009-2019	No quadratic change	No change
and age-specific	reference data from 15.3	16.6	19.0	22.4	20.6	Increased, 2009-2019 No linear change	No quadratic change No quadratic change	No change
and age-specific 15.5 QN68: Percenta 50.5	15.3 age of students who 52.8 age of students who	16.6 were trying to lose v 52.9	19.0 weight 55.2	55.5	53.9	, 		

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

[§]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.

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Hispanic **Weight Management and Dietary Behaviors Health Risk Behavior and Percentages** Linear Change* Quadratic Change* Change from 2017-2019 † 2009 2011 2013 2015 2017 2019 QN70: Percentage of students who did not eat fruit (one or more times during the 7 days before the survey) 16.2 16.4 15.2 14.1 18.2 14.4 No linear change No quadratic change No change QNFR0: Percentage of students who did not eat fruit or drink 100% fruit juices (such as orange juice, apple juice, or grape juice, during the 7 days before the survey) 6.6 5.7 6.0 7.4 9.6 No quadratic change 6.3 No linear change No change QNFR1: Percentage of students who ate fruit or drank 100% fruit juices one or more times per day (such as orange juice, apple juice, or grape juice, during the 7 days before the survey) 62.1 58.9 No quadratic change 61.1 56.4 56.5 56.4 Decreased, 2009-2019 No change

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

Rhode Island High School Survey 10-year Trend Analysis Report

Hispanic **Weight Management and Dietary Behaviors Health Risk Behavior and Percentages** Linear Change* Quadratic Change* Change from 2017-2019 † 2009 2011 2013 2015 2017 2019 QNFR2: Percentage of students who ate fruit or drank 100% fruit juices two or more times per day (such as orange juice, apple juice, or grape juice, during the 7 days before the survey) 34.2 35.8 31.4 30.1 25.6 27.6 No quadratic change No change Decreased, 2009-2019 QN71: Percentage of students who did not eat green salad (one or more times during the 7 days before the survey) 40.0 37.3 42.1 46.9 47.3 43.2 Increased, 2009-2019 No quadratic change No change QN72: Percentage of students who did not eat potatoes (one or more times during the 7 days before the survey) 33.5 42.3 48.5 No quadratic change No change 36.5 36.5 39.6 Increased, 2009-2019 QN73: Percentage of students who did not eat carrots (one or more times during the 7 days before the survey) 57.2 60.2 58.9 59.9 56.9 58.6 No linear change No quadratic change No change

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

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Hispanic **Weight Management and Dietary Behaviors Health Risk Behavior and Percentages** Linear Change* Quadratic Change* Change from 2017-2019 † 2009 2011 2013 2015 2017 2019 QN74: Percentage of students who did not eat other vegetables (one or more times during the 7 days before the survey) 30.3 24.9 30.9 29.8 30.8 27.9 No linear change No quadratic change No change QNVEGO: Percentage of students who did not eat vegetables (green salad, potatoes [excluding French fries, fried potatoes, or potato chips], carrots, or other vegetables, during the 7 days before the survey) 9.4 8.4 10.6 11.4 12.1 10.2 No linear change No quadratic change No change QNVEG1: Percentage of students who are vegetables one or more times per day (green salad, potatoes [excluding French fries, fried potatoes, or potato chips], carrots, or other vegetables, during the 7 days before the survey) 51.9 55.9 51.2 49.3 45.1 47.1 Decreased, 2009-2019 No quadratic change No change

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

	1	Health Risk Behavi	ior and Percentag	es		Linear Change [*]	Quadratic Change [*]	Change from 2017-201
2009	2011	2013	2015	2017	2019			
NIVECO. D.		1		1 (1 . 1		:		
excluding Frenche survey)	entage of students w	es, or potato chips],	carrots, or other ve	getables, during the	e 7 days before			
•	C	0		, .c	. *	No linear change	No quadratic change	No chan
excluding Frenche survey) 23.8 2NVEG3: Perce	h fries, fried potato	22.7 who ate vegetables the	19.4	20.9 per day (green salae	20.0 d, potatoes	No linear change	No quadratic change	No chan

^{*}Based on trend 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

Hisnanic

		Health Risk Behavi	ior and Percentag	es		Linear Change*	Quadratic Change [*]	Change from 2017-2019
2009	2011	2013	2015	2017	2019	_		
	activity that increase	were physically acti sed their heart rate a						
	34.3	33.8	30.9	32.3	31.7	No linear change	Not available§	No change
least 1 day (in a		nts who did not partic activity that increase e survey) 20.6				No linear change	Not available	No change
	Percentage of studer sical activity that in	20.6 Its who were physical creased their heart ra	ally active at least 6	50 minutes per day	on all 7 days (in	No linear change	Not available	No
any kind of phy the 7 days befor	e the survey)							

^{*}Based on trend analyses using a logistic regression model controlling 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 **Physical Activity Health Risk Behavior and Percentages** Linear Change* Quadratic Change* Change from 2017-2019 [†] 2009 2011 2013 2015 2017 2019 ON80: Percentage of students who played video or computer games or used a computer 3 or more hours per day (counting time spent on things such as 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) 33.5 33.6 41.7 46.7 46.7 46.7 Increased, 2009-2019 No quadratic change No change QN81: Percentage of students who attended physical education (PE) classes on 1 or more days (in an average week when they were in school) 77.7 70.0 66.8 61.4 66.2 69.8 Decreased, 2009-2015 No linear change No change No change, 2015-2019 ONDLYPE: Percentage of students who attended physical education (PE) classes on all 5 days (in an average week when they were in school) 24.9 37.5 29.0 20.7 20.4 19.1 No linear change No quadratic change No change

22.2

18.6

No linear change

Not available§

QN83: Percentage of students who had a concussion from playing a sport or being physically active (one or

more times during the 12 months before the survey)

No change

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

[§]Not enough years of data to calculate.

		Health Risk Behav	Linear Change*	Quadratic Change*	Change from 2017-2019 †			
2009	2011	2013	2015	2017	2019			
	nge of students who	saw a dentist (for a vey)	check-up, exam, te	eth cleaning, or oth	er dental work,			
		68.7	67.9	72.4	67.4	No linear change	Not available [§]	No change
QNNODNT: Pelental work)	ercentage of student	ts who never saw a d	entist (for a check-	up, exam, teeth clea	ning, or other			
		2.6	3.4	1.9	2.9	No linear change	Not available	No change
QN89: Percenta		described their grad	es in school as mos	stly A's or B's (durin	ng the 12 months			

^{*}Based on trend analyses using a logistic regression model controlling 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

e-Added		Health Risk Behavi	ior and Percentag	Linear Change [*]	Quadratic Change*	Change from 2017-2019 †		
2009	2011	2013	2015	2017	2019			
QN90: Percenta or more)	ge of students who	have physical disabi	lities or long-term	health problems (m	neaning 6 months			
10.7	13.1	7.0	8.1	9.3	7.3	Decreased, 2009-2019	No quadratic change	No change
QN91: Percenta months or more)		have long-term emo	tional problems or	learning disabilities	s (meaning 6			
10.1	14.2	10.7	12.1	13.9	15.0	No linear change	No quadratic change	No change
QN92: Percenta	ge of students who	are transgender						
				2.9	0.5	No linear change	Not available [§]	Decreased
QN93: Percenta	ge of students who	think other people a	t school would des	cribe them as equal	ly feminine and			
mascumo				13.7	12.5	No linear change	Not available	No change

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

[§]Not enough years of data to calculate.

Rhode Island High School Survey 10-year Trend Analysis Report

Hispanic

e-Added		Health Risk Behav	ior and Percentag	es		Linear Change*	Quadratic Change [*]	Change from 2017-2019 †
2009	2011	2013	2015	2017	2019			
QN98: Percenta	age of students who	reported someone w	ho lives with them	smokes cigarettes	•			
		29.5	32.7	32.6	21.3	Decreased, 2013-2019	Not available§	Decreased
QN100: Percen used them	tage of students wh	o used electronic-va	por products mainl	y because a friend of 15.3	or family member	No linear change	Not available	No change
	tage of students wh	o smoked tobacco in re the survey)	a hookah, narghile	e, or other type of w	vaterpipe (on at			
				6.2	11.4	Increased, 2017-2019	Not available	Increased

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

[§]Not enough years of data to calculate.

Rhode Island High School Survey 10-year Trend Analysis Report

Site-Added **Health Risk Behavior and Percentages** Linear Change* Quadratic Change* Change from 2017-2019 [†] 2009 2011 2013 2015 2017 2019 QN102: Percentage of students who currently used smokeless tobacco (chewing tobacco, snuff, dip, snus, or dissolvable tobacco products [such as Redman, Levi Garrett, Beechnut, Skoal, Skoal Bandits, Copenhagen, Camel Snus, Marlboro Snus, General Snus, Ariva, Stonewall, or Camel Orbs], not counting any electronic vapor products, on at least 1 day during the 30 days before the survey) 3.7 3.5 No linear change Not available§ No change QN103: Percentage of students who currently used a tobacco product that was flavored to taste like menthol (mint), alcohol (wine, cognac), candy, fruit, chocolate or other sweets (on at least 1 day during the 30 days before the survey) 9.0 11.8 No linear change Not available No change

5.4

7.1

5.3

7.1

No linear change

No linear change

Not available

Not available

QN109: Percentage of students who currently took over-the-counter drugs to get high (one or more times

QN112: Percentage of students who most of the time or always went hungry because there was not enough

7.2

7.7

during the 30 days before the survey)

food in their home (during the 30 days before the survey)

Hispanic

No change

No change

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

*Based on t-test analysis, p < 0.05.

[§]Not enough years of data to calculate.

Rhode Island High School Survey 10-year Trend Analysis Report

Hispanic

		Health Risk Behav	Linear Change [*]	Quadratic Change*	Change from 2017-2019			
2009	2011	2013	2015	2017	2019			
	atage of students whoonths before the sur	o reported their teeth	or mouth have been	en painful or sore (one or more times			
		44.3	41.1	46.1	48.9	Increased, 2013-2019	Not available§	No change
		o sometimes, most or mouth (during the			ous or	Increased, 2013-2019	Not available	No chang
embarrassed bed QN115: Percen	cause of their teeth	or mouth (during the	12 months before 18.1	the survey) 22.7 Denefits of not havi	21.8	Increased, 2013-2019	Not available	No change
embarrassed bed	cause of their teeth	or mouth (during the 15.7 o have been taught in	12 months before 18.1	the survey) 22.7 Denefits of not havi	21.8	Increased, 2013-2019 Decreased, 2015-2019	Not available Not available	
ON115: Percen	tage of students wh	or mouth (during the 15.7 o have been taught in	18.1 n school about the led diseases (STDs) 72.7	22.7 Denefits of not havi	21.8 ng sexual 62.1			No change

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

[§]Not enough years of data to calculate.

Rhode Island High School Survey 10-year Trend Analysis Report

						2017-2019 [†]	
2009 20	11 20	13 201	5 2017	2019			
QN120: Percentage of str and problems with emotion				g stress, depression,	,		
			56.6	55.0	No linear change	Not available [§]	No change

63.9

60.1

No linear change

62.9

No change

Not available

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

[§]Not enough years of data to calculate.