Maryland High School Survey Carroll County Trend Analysis Report

				Н	ealth Ri	sk Beha	avior an	d Perce	entages						Linear Change*	Quadratic Change*	Change fro 2016-20
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
			dents w				ho had t	een drii	nking al	cohol (in	a car o	r other	vehicle	one			

QN10: Percentage of students who drove a car or other vehicle when they had been drinking alcohol (one or more times during the 30 days before the survey, among students who had driven a car or other vehicle during the 30 days before the survey) 8.6 5.4 5.7 4.3 Decreased, 2013-2018 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.

				Н	ealth R	isk Beh	avior aı	nd Perc	entages						Linear Change [*]	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN11: the 30 d survey)																	
											41.3	32.3	34.9	32.7	Decreased, 2013-2018	Not available [§]	No change
QN13: day duri						eapon o	on schoo	l proper	ty (such						Decreased, 2013-2018	Not available [§]	No change
						eapon o	on schoo	l proper	ty (such						Decreased, 2013-2018 No linear change	Not available [§] Not available	No change Decreased
day duri QN14:	ng the 3 Percenta		before the	ne surve	ried a gu	un (not c	counting	the day	s when	as a gu	n, knife 4.3 rried a g	, or club 2.5 gun only	5.3	east 1 3.6	· 		

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

[§]Not enough years of data to calculate.

njury an	iu viole	nec		Н	ealth Ri	isk Beh	avior aı	nd Perc	entages						Linear Change*	Quadratic Change [*]	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2010	5 2018	8		
QN16: knife, o										on scho	ol prop	erty (su	ch as a	gun,			
											8.8	5.5	6.1	7.7	No linear change	Not available [§]	Increased
QN18: months				who wer	e in a p	hysical	fight on	school	property	(one or	r more	times d	uring th	e 12			
											11.3	6.9	7.0	7.2	Decreased, 2013-2018	Not available	No change
QN22: someone with an went ou	e they w object o	ere dati r weapo	ng or go n] one o	ing out or more	with [co	ounting uring the	such thi e 12 mo	ngs as b nths bef	eing hit	, slamm	ed into	someth	ing, or	injured			
											10.8	8.4	7.6	10.0	No linear change	Not available	Increased

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

[§]Not enough years of data to calculate.

Total Injury an	d Viole	ence		Н	ealth R	isk Beh	avior aı	ıd Perc	entages						Linear Change*	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN23:	Percenta	age of s	tudents	who we	re bullie	ed on scl	nool pro	perty (e	ver duri	ng the 1	2 mont	hs before	re the su	ırvey)			
											26.8	23.7	26.1	25.5	No linear change	Not available§	No change
QN24:											d throug	h textir	ng, Insta	gram,			
											19.2	18.6	20.2	19.1	No linear change	Not available	No change
QN25:											eks in a	row so	that the	y			
											24.6	25.8	28.2	28.6	Increased, 2013-2018	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.

1991 1993	400=													Linear Change [*]	Quadratic Change*	Change from 2016-2018
	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
N26: Percen	itage of s	tudents v	who seri	ously co	onsidere	d attemp	pting su	icide (e	ver duri	ng the 1	2 mont	hs befor	e the			
urvey)										15.4	15.8	17.0	17.5	No linear change	Not available§	No change
N27: Percenter of the surv		students v	who mad	de a plai	n about l	how the	y would	attemp	t suicide	e (durin	g the 12	2 months	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.

Total Tobacco	Use																
				Н	ealth R	isk Beh	avior aı	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN32: I survey)	Percenta	age of st	tudents	who cur	rently s	moked o	rigarette	s (on at	least 1 d	day duri	ing the 3	30 days	before t	he			
											13.6	9.5	9.0	5.8	Decreased, 2013-2018	Not available§	Decreased
QNFRC days bef				ents wh	o currer	itly smo	ked ciga	arettes fi	requentl	y (on 20	or moi	re days o	during tl	he 30			
days bei	ore the	sui vey)									4.9	2.4	2.3	1.3	Decreased, 2013-2018	Not available	Decreased
QNDAY before th			ige of st	udents v	who curi	ently sr	noked ci	igarettes	s daily (on all 30	0 days d	luring th	ne 30 da	ys			
											2.8	2.1	1.8	1.2	Decreased, 2013-2018	Not available	No change
QN34: I vape pip eGo, and	es, vapi	ing pens															
	-,											35.1	37.6	46.2	Increased, 2014-2018	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.

otal obacco	Use																
				Н	ealth R	isk Beh	avior ar	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QN35: e-pipes, Plus, eG	vape pi	pes, var	oing pen	s, e-hoo	kahs, ar	nd hooka	h pens	[such as	blu, NJ	(includ OY, Vu	ling e-ci ıse, Mar	garettes kTen, I	, e-ciga Logic, V	rs, ⁄apin			
												20.3	19.8	32.0	Increased, 2014-2018	Not available§	Increased
QNFRE during tl					io currei	ntly used	l electro	nic vap	or produ	icts free	quently ((on 20 c	or more	days			
												3.7	4.6	11.6	Increased, 2014-2018	Not available	Increased
QNDAY the 30 d				tudents	who cur	rently us	sed elect	tronic v	apor pro	oducts d	aily (on	all 30 c	lays du	ring			
												2.8	3.3	8.3	Increased, 2014-2018	Not available	Increased
QNTB5 day duri						smoked	cigaret	tes or u	sed elec	tronic v	apor pro	oducts	(on at le	east 1	,		
-	-	-			-							22.6	22.4	32.9	Increased, 2014-2018	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.

Total Tobacco \	Use			ш	aalth D	isk Beh	aviar er	nd Porc	ontogos						Linear Change*	Quadratic Charge*	Change from
				п	eann K	isk deli	avior ai	ia rero	entages						Linear Change	Quadratic Change [*]	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	8		
QN36: l (such as survey, a	a conve	enience	store, su	ipermar	ket, disc	ount sto	re, gas	station,	or vape	store, d	uring th	e 30 da					
													10.0	7.5	No linear change	Not available [§]	No change
QN37: l dissolval vapor pr	ble toba	cco pro	ducts [s	uch as C	Copenha	gen, Gri	izzly, Sk	coal, or	Camel S					nic			
													8.4	5.3	Decreased, 2016-2018	Not available	Decreased
QN38: 1					rently si	moked c	eigars (c	igars, ci	garillos	, or little	e cigars	on at le	east 1 da	ıy			
		.,									11.9	8.7	8.9	6.8	Decreased, 2013-2018	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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Total **Tobacco Use**

> **Health Risk Behavior and Percentages** Linear Change* Quadratic Change* Change from 2016-2018

1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018

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

> Decreased, 2013-2018 18.7 13.4 12.7 9.7

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.

Total Alcohol a	nd Oth	er Druş	g Use	Н	ealth R	isk Beh	avior ar	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN40:	Percenta	age of st	tudents	who had	l their fi	rst drink	of alco	hol befo	ore age	13 years	s (other	than a f	ew sips)			
											16.8	13.8	13.0	10.2	Decreased, 2013-2018	Not available§	Decreased
QN41: the 30 d				who cur	rently d	rank alc	ohol (at	least or	ne drink	of alcol	hol, on	at least	l day dı	ıring			
											35.0	29.3	32.2	29.0	Decreased, 2013-2018	Not available	No change
QN42: female s day duri	tudents	or five	or more	drinks o	of alcoh												
													18.2	17.3	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.

Total Alcohol a	and Oth	er Dru	g Use	Н	ealth R	isk Beh	avior aı	nd Perc	entages						Linear Change*	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN45:	Percent	age of s	tudents	who eve	er used r	narijuan	a (one o	or more	times dı	iring the	eir life)						
											29.3	27.3	28.8	27.3	No linear change	Not available§	No change
QN46:	Percent	age of s	tudents	who trie	ed mariji	uana for	the first	t time be	efore ag	e 13 yea		4.2	5.0	4.0	N. 1. 1	N	
											6.1	4.2	5.0	4.9	No linear change	Not available	No change
QN47: survey)	Percent	age of s	tudents	who cur	rently u	sed mar	ijuana (one or n	nore tim	es durir	ng the 30	0 days b	efore th	e			
											18.2	16.4	17.9	17.3	No linear change	Not available	No change
QN48:	Percent	age of s	tudents	who eve	er used s	ynthetic	mariju	ana (one	e or mor	e times	during	their life	e)	•			
												9.5	6.6	5.1	Decreased, 2014-2018	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.

Total Alcohol a	nd Oth	er Dru	g Use														
				Н	ealth R	isk Beh	avior ar	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN49: different	ly than	how a c	doctor to	old them	to use i	it (count	ing drug	s such a									
													13.8	11.3	Decreased, 2016-2018	Not available§	Decreased
QN50: I		_			er used o	cocaine (any fori	m of coo	caine, in	cluding	g powde	r, crack	or free	base,			
											6.4	3.8	5.3	3.7	Decreased, 2013-2018	Not available	Decreased
QN52: I			tudents	who eve	er used l	neroin (a	lso calle	ed "sma	ck," "jui	nk," or '	"China	White,"	one or i	more			
											4.9	2.4	2.5	2.2	Decreased, 2013-2018	Not available	No change
QN53: I							hetamir	nes (also	called	"speed,	" "cryst	al meth,	" "cranl	ζ,"			
											5.0	2.4	3.2	2.7	Decreased, 2013-2018	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.

Total Alcohol a	nd Oth	er Dru	g Use	н	ealth R	isk Beha	avior aı	nd Perc	entages						Linear Change*	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	8		
QN54: I	Percenta	age of s	tudents	who eve	er used e	cstasy (also call	ed "ME	OMA," c	one or m	ore tim	es durir	g their	life)			
											8.5	5.0	5.3	3.9	Decreased, 2013-2018	Not available [§]	No change
QN56: I body, on						ed any il	legal dr	ug (used	d a need	le to inj	ect any	illegal	drug into	o their			:
body, on	e or mo	ne time	s during	g uien in	(C)						3.4	2.1	2.8	2.9	No linear change	Not available	No change
QN57: I		_		who we	re offere	ed, sold,	or give	n an ille	gal drug	g on sch	ool proj	perty (d	uring th	e 12			,
			<i>3</i> /								25.7	21.2	20.2	19.5	Decreased, 2013-2018	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.

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				Н	ealth R	isk Beh	avior an	nd Perc	entages						Linear Change*	Quadratic Change [*]	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN58:	Percenta	nge of st	udents v	who eve	r had se	exual int	ercourse	,			32.7	26.1	29.9	30.1	No linear change	Not available [§]	No change
QN59:	Percenta	age of st	udents v	who had	l sexual	intercou	irse for t	he first	time be	fore age	e 13 yea	ırs		•			
											3.1	2.5	3.1	2.6	No linear change	Not available	No change
QN60:	Percenta	age of st	udents v	who had	l sexual	intercou	ırse with	ı four oı	more p	ersons	during t	heir life			,		
											8.1	5.4	5.7	6.5	No linear change	Not available	No change

23.6 18.8 22.6 22.5

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.

Total Sexual Be	ehavior	s															
				Н	ealth R	isk Beh	avior aı	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN62: who wer					nk alcol	hol or us	sed drug	s before	last sex	cual inte	ercourse	(amon	g studen	its			
											25.7	27.2	23.6	22.9	No linear change	Not available§	No change
QN63:				who use	ed a conc	dom dur	ring last	sexual i	intercou	rse (am	ong stud	dents wl	no were				,
											62.6	53.9	58.9	52.4	Decreased, 2013-2018	Not available	No change
QN64: among s							pills bef	ore last	sexual i	ntercou	rse (to p	orevent j	pregnan	cy,	,		
C				·	·						26.0	30.3	30.0	34.1	Increased, 2013-2018	Not available	No change
QNIUD or Nexp active)																	
uou (0)											0.9	1.1	3.4	4.2	Increased, 2013-2018	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.

otal exual Bo	ehaviors	s		Н	ealth Ri	isk Beha	avior ar	nd Perc	entages						Linear Change*	Quadratic Change [*]	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2010	5 2018	3		
control 1	PARG: I ring (suc y sexual	ch as Nu	vaRing)														
		•	,,								3.0	3.4	1.7	2.5	No linear change	Not available [§]	No change
implant control	HPL: I (such as ring (suc y sexual	s Implan ch as Nu	on or NovaRing)	explano	n); or a	shot (su	ich as D	epo-Pro	vera), p	atch (su	ich as C)rthoEv	ra), or b		Increased, 2013-2018	Not available	No change
	ALBC: I IUD (su	uch as N	Iirena oi	r ParaG	ard) or i	mplant	(such as	Implan	on or N	expland	n); or a	shot (s	uch as				
Depo-Pı	rovera), ent preg					re curre	ntly sex	ually ac	tive)								

^{*}Based on trend analyses using a logistic regression model controlling 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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Total **Sexual Behaviors** Linear Change* **Health Risk Behavior and Percentages** Quadratic Change* Change from 2016-2018 [†] 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QNBCNONE: Percentage of students who did not use any method to prevent pregnancy during last sexual intercourse (among students who were currently sexually active) Not available§ 13.1 12.2 11.9 11.4 No linear change No change QN84: Percentage of students who were ever tested for human immunodeficiency virus (HIV) (not counting tests done if they donated blood) No change

7.4

9.7

9.9

Increased, 2014-2018

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.

				Н	ealth Ri	isk Beha	avior an	d Perce	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QNOW index, b												ile for b	ody ma	ss			
											12.2	12.9	14.3	13.1	No linear change	Not available¶	No change
						besity (>			le for bo	ody mas	ss index	, based	on sex-	and	· · · · · · · · · · · · · · · · · · ·		
											9.6	8.9	9.7	9.5	No linear change	Not available	No change
		age of st	udents	who des	cribed tl	hemselv	es as sli	ghtly or	very ov	erweigl	ht	•					
QN67:	Percenta	age of si															
QN67:	Percenta	age of si									26.9	26.7	25.0	26.6	No linear change	Not available	No change
	Percenta	age of st		who did		ık fruit j	uice (10	00% frui	t juices	one or i					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.

[§]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.

Not enough years of data to calculate.

				Н	ealth Ri	sk Beha	avior an	d Perce	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN70:	Percenta	age of st	udents v	who did	not eat	fruit (on	e or mo	re times	during	the 7 da	ıys befo	ore the si	ırvey)				
											13.2	11.8	12.1	12.3	No linear change	Not available§	No change
QNFR0							r drink 1	100% fr	uit juice	s (such	as oran	ge juice	apple j	uice,			
QNFR0 or grape							r drink 1	100% fr	uit juice	es (such	as oran	ge juice	apple j	uice, 7.6	No linear change	Not available	No change
	ijuice, d	uring th	e 7 days	s before	the surv	rey)	100% fi	ruit juice	es one o		6.6	6.7	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.

Fotal Weight M	Ianage	ment ar	d Dieta	•	aviors ealth Ri	isk Beh	avior aı	nd Perc	entages						Linear Change*	Quadratic Change [*]	Change from
															_		2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QNFR2: orange j										or more	times p	er day (such as				
											29.4	26.3	26.1	24.7	Decreased, 2013-2018	Not available [§]	No change
QN71: 1	Percent	age of s	tudents	who did	not eat	green sa	alad (on	e or mo	re times	during	the 7 da	ays befo	re the si	urvey)			
											33.0	36.5	38.1	41.8	Increased, 2013-2018	Not available	Increased
QN72: 1	Percent	age of s	tudents	who did	not eat	potatoe	s (one or	r more t	imes du	ring the	7 days	before	the surv	ey)			
											29.2	32.3	34.9	36.5	Increased, 2013-2018	Not available	No change
QN73: 1	Percent	age of s	tudents	who did	not eat	carrots	(one or	more tir	nes duri	ng the 7	days b	efore th	e surve	y)			
											45.8	47.1	46.7	48.2	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.

				Н	ealth Ri	isk Beh	avior an	nd Perco	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN74: survey)	Percenta	age of st	udents v	who did	not eat	other ve	getables	s (one o	r more t	imes du	ring the	e 7 days	before t	he			
											13.2	13.5	15.4	14.4	No linear change	Not available§	No change
QNVEO potatoes												ng Frenc	h fries,	fried			
											6.0	4.7	6.0	6.2	No linear change	Not available	No change
ONVE	31: Perc																
French	fries, frie	eu potat	ocs, or p	otato ci	npsj, ca	11005, 01	Other v	egetable	o, aurin	g the /	aujsoc	1010 1110	,				

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

[§]Not enough years of data to calculate.

				Н	ealth Ri	isk Beh	avior aı	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_ }		
QNVEO																	
											28.2	26.2	24.2	22.1	Decreased, 2013-2018	Not available§	No change
QNVEC [excludi survey)														the 9.7	Decreased, 2013-2018	Not available	No change
[excludi	ng Fren	age of st	fried po	who did	or potat	o chips]	, carrots	or glass	er veget	ables, d	luring tl	ne 7 day	s before 10.7	9.7	Decreased, 2013-2018	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.

				Н	ealth Ri	isk Beh	avior aı	nd Perc	entages	3					Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QNSOD						,	,	_						ay			
QNSODA (such as 0						,	,	_						ay 12.8	Decreased, 2013-2018	Not available [§]	No c
such as	Coke, F	Pepsi, or	Sprite,	not cou	nting di	et soda	or diet p	oop, duri	ing the 7	7 days b	efore th	17.0	y) 14.2	12.8	Decreased, 2013-2018	Not available [§]	No cha
~	Coke, F	Pepsi, or	Sprite,	ents wh	nting di	et soda	or diet p	r glass o	of soda of	7 days b	18.5 wo or n	17.0	y) 14.2 es per d	12.8	Decreased, 2013-2018	Not available [§]	No cł

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

[§]Not enough years of data to calculate.

Fotal Physical	Activity	7		Н	ealth R	isk Beh	avior aı	nd Perc	entages						Linear Change*	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN78: kind of j days bef	physical	activity	that in														
											47.3	47.0	44.4	47.9	No linear change	Not available [§]	No change
QNPA0 1 day (in during t	n any kii	nd of ph	ysical a	ctivity t													
											13.4	13.6	14.8	15.6	Increased, 2013-2018	Not available	No change
QNPA7 kind of j	physical	activity															
											24.8	24.2	23.5	27.6	No linear change	Not available	Increased

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

[§]Not enough years of data to calculate.

Fotal Physical	Activity	7		н	ealth R	isk Beh	avior ar	nd Perc	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN79:	Percenta	age of s	tudents	who wa	tched te	levision	3 or mo	ore hour	s per da	y (on ar	averag	e schoo	l day)	•			
											23.7	20.9	19.2	15.8	Decreased, 2013-2018	Not available [§]	Decreased
QN80: (countir Instagra	ng time s	spent on	things	such as	Xbox, P	layStati	on, an il	Pad or o	ther tab	let, a sn	artphor	ne, texti	ng, Ŷou	Tube, ny)	Increased, 2013-2018	Not available	Increased
QN81: week w					ended pl	hysical e	education	n (PE) c	classes o	n 1 or n	nore day	ys (in ar 37.0	averag	e 31.8	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.

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Total Physical	Activity	7		Н	ealth R	isk Beh	avior aı	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QNDLY week w		C			no attend	ded phys	sical edu	ication ((PE) cla	sses on	all 5 da	ys (in a	n averag	ge			
											19.2	19.9	18.8	18.1	No linear change	Not available [§]	No change

No linear change

15.1 15.8

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

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.

Total Other																	
				Н	ealth R	isk Beha	avior ar	nd Perc	entages	S					Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QN86: I						ist (for a	check-ı	up, exan	n, teeth	cleaning	g, or oth	ner denta	al work	,			
daring a			orore the	o sur veg	,							81.7	83.6	82.9	No linear change	Not available [§]	No change
QNNOD	ONT: Po	ercentag	ge of stu	dents w	ho neve	r saw a	dentist (for a ch	eck-up,	exam, t	eeth cle	aning, o	or other	dental			
work)												0.8	1.6	1.3	No linear change	Not available	No change
ON87: 1	Percenta	age of st	udents v	who had	l ever be	een told	by a doo	ctor or n	urse tha	at they h	ad asth	ma					
C																	

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

				Н	ealth R	isk Beh	avior aı	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_ ;		
QN90:	Percenta	age of s	tudents	who are	transge	nder							2.1	1.7	No linear change	Not available [§]	No change
						cell pho			g (on at	least 1	day dur	ing the	30 days 33.4	33.8	No linear change	Not available	No change
QN94:	Percenta	age of s	tudents	who sm	oked a v	whole ci	garette l	efore a	ge 13 ye	ears (for	the firs	t time) 4.9	5.5	4.1	Decreased, 2013-2018	Not available	No change
	Percentang the 3					pacco in	a hooka	ıh, nargl	nile, or	other ty	pe of wa	aterpipe	(on at le	east 1 3.2	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.

otal ite-Addo	ed			Н	ealth R	isk Beha	avior an	nd Perce	entages						Linear Change*	Quadratic Change [*]	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	8		
QN99: vapor pr											flavor v	with an	electron	nic			
												96.4	98.7	97.5	No linear change	Not available§	No change
QN101: oil, or T			students	s who ha	ive ever	used an	electro	nic vapo	or produ	ct to sm	oke ma	rijuana,	THC o	r hash			,
													9.4	16.7	Increased, 2016-2018	Not available	Increased
QN102: little cig				s who th	ink they	definite	ely or pr	obably	will smo	oke a ciş	garette,	cigar, c	igarillo,	, or			,
													17.8	14.3	Decreased, 2016-2018	Not available	Decreased
QN103: flavored survey)																	,
• •											14.3	11.6	8.0	6.4	Decreased, 2013-2018	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.

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Total

	Health Risk Behavior and Percentages												Linear Change [*]	Quadratic Change*	Change from 2016-2018 [†]		
1991 1993	3 19	995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN104: Percethe survey)	centag	ge of s	tudents	who tri	ed or us	ed tobac	cco prod	lucts for	the firs	t time (d	during t	he 12 n	onths b	efore			
												11.9	9.9	8.9	Decreased, 2014-2018	Not available§	No change
												2 month	s before	e the			
										re the su		2 month	as before	e the 8.2	Decreased, 2013-2018	Not available	Decreased
survey, among	g stud	dents v	who use	d tobac	co prod	ucts dur	ing the	12 mont	hs before	re the su	33.9				Decreased, 2013-2018	Not available	Decreased
QN105: Perco	g stud	dents v	who use	d tobac	co prod	ucts dur	ing the	12 mont	hs before	rettes or	33.9				Decreased, 2013-2018 Decreased, 2013-2018	Not available Not available	Decreased No change
survey, among	centag	ge of si	who use	d tobac	re with s	someone	who no	ow smok	kes ciga	re the su	33.9 cigars 36.1	39.3	31.8	8.2			

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

[§]Not enough years of data to calculate.

Site-Addo	ed			Н	ealth Ri	isk Beh	avior aı	nd Perc	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	5 2018	8		
QN108: during tl					ere in th	e same	room wi	ith some	eone wh	o was s	moking	(on at	least on	e day			
													27.3	26.7	No linear change	Not available [§]	No change
QN110: school y		tage of	students	s who w	ere taug	ht in the	eir classe	es about	the dan	gers of	tobacco	use (d	uring th	e last			
											76.5	72.6	73.2	69.1	Decreased, 2013-2018	Not available	No change
QN117: friends	Percen	tage of	students	s who sa	y defini	tely yes	or prob	ably yes	s that yo	ung peo	ople wh	o smok	e have r	nore			
											26.4	21.8	26.0	33.7	Increased, 2013-2018	Not available	Increased
QN118: cool or f		itage of	students	s who sa	y defini	tely yes	or prob	ably yes	s that sm	noking r	nakes y	oung po	eople lo	ok			
											18.6	12.6	16.2	23.5	Increased, 2013-2018	Not available	Increased

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

[§]Not enough years of data to calculate.

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Total Site-Added **Health Risk Behavior and Percentages** Linear Change* Quadratic Change* Change from 2016-2018 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018

QN119: Percentage of students who would feel comfortable seeking help from one or more adults besides their parents if they had an important question affecting their life

> No linear change Not available§ No change 81.7 83.5 80.6 81.3

^{*}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.

Maryland High School Survey Carroll County Trend Analysis Report

Male **Injury and Violence Health Risk Behavior and Percentages** Linear Change* Quadratic Change* Change from 2016-2018 [†] 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QN9: Percentage of students who rode with a driver who had been drinking alcohol (in a car or other vehicle, one or more times during the 30 days before the survey) 19.6 17.1 12.8 13.2 Decreased, 2013-2018 Not available§ No change QN10: Percentage of students who drove a car or other vehicle when they had been drinking alcohol (one or more times during the 30 days before the survey, among students who had driven a car or other vehicle during the 30 days before the survey) 10.4 6.2 6.3 5.9 Decreased, 2013-2018 Not available No change QN11: Percentage of students who texted or e-mailed while driving a car or other vehicle (on at least 1 day during the 30 days before the survey, among students who had driven a car or other vehicle during the 30 days before the survey) Not available 43.1 32.0 37.2 32.5 Decreased, 2013-2018 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.

Male Injury an	d Viole	ence		Н	ealth R	isk Beh	avior aı	nd Perc	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QN13: I						eapon o	n schoo	l proper	ty (such	as a gu	ın, knife	, or clul	o, on at	least 1			
any auri		o aays									5.9	3.5	6.7	5.3	No linear change	Not available [§]	No change
QN14: I													for hu	nting			
													6.5	5.1	No linear change	Not available	No change
QN16: I										on scho	ol prop	erty (suc	ch as a g	gun,			
											9.7	7.1	7.5	8.1	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.

Male njury an	d Viole	ence		Н	ealth Ri	isk Beh	avior aı	nd Perc	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN18: I				who wei	e in a p	hysical	fight on	school	property	(one o	r more	times du	iring the	e 12			
											14.3	9.7	9.0	9.4	Decreased, 2013-2018	Not available [§]	No change
QN22: I someone with an ownt out	they wobject o	ere dati r weapo	ng or go on] one o	oing out or more	with [co	ounting uring the	such thi e 12 mo	ngs as b nths bef	eing hit	, slamm	ned into	someth	ing, or i	njured			
											9.9	5.4	5.3	7.7	No linear change	Not available	No change
QN23: 1	Percenta	age of st	tudents	who wei	e bullie	d on sch	nool pro	perty (e	ver duri	ng the 1	12 mont	hs before	re the su	ırvey)			
											24.2	20.5	22.3	22.8	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.

Male njury and	d Viole	nce															
				Н	ealth R	isk Beh	avior ar	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN24: P											d throug	gh textir	ng, Insta	ıgram,			
											13.4	13.1	14.5	13.3	No linear change	Not available [§]	No change
QN25: P											eks in a	row so	that the	ey			-,
											16.5	16.7	18.8	19.4	Increased, 2013-2018	Not available	No change
QN26: P	Percenta	ige of st	udents	who ser	iously c	onsidere	d attem	pting su	icide (e	ver dur	ing the	12 mont	hs befo	re the			
											10.1	10.2	11.9	12.5	No linear change	Not available	No change
QN27: P			udents	who ma	de a pla	n about	how the	y would	l attemp	t suicid	le (durin	ig the 12	2 month	ıs			
											7.4	8.5	9.6	11.5	Increased, 2013-2018	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.

				Н	ealth R	isk Beh	avior aı	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
	Percenta	age of st	udents	who cur	rently s	moked o	eigarette	s (on at	least 1 d	lay duri	ng the 3	30 days	before t	he			
survey)											15.3	10.3	10.1	6.2	Decreased, 2013-2018	Not available [§]	Decreased
	IG: Per fore the		of stud	ents who	o curren	ntly smo	ked ciga	rettes fi	equentl	y (on 20	or mo	re days	during t	he 30			
			of stud	ents who	o curren	ntly smo	ked ciga	rettes fi	equentl	y (on 20	5.2	e days	during t	1.6	Decreased, 2013-2018	Not available	No change
days be	fore the YCIG: I	survey) Percenta									5.2	2.8	2.6	1.6	Decreased, 2013-2018	Not available	No change
days be	fore the	survey) Percenta									5.2	2.8	2.6	1.6	Decreased, 2013-2018 Decreased, 2013-2018	Not available Not available	No change
QNDA'	YCIG: I he surve	Percenta	ge of stu	udents v	who curi	rently sr	noked ci	garettes	daily (on all 30	5.2 O days o	2.8 luring th	2.6 ne 30 da 2.2	1.6 ys 1.6			
QNDA' before t	fore the YCIG: I	Percentary) age of sting pens	ge of str	udents v	who curr	rently sr	noked ci	garettes	daily (on all 30	5.2 O days c 3.0	2.8 luring th	2.6 ne 30 da 2.2 igars, e-	1.6 ys 1.6 pipes,			

^{*}Based on trend analyses using a logistic regression model controlling 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 Tobacco	Use																
				Н	ealth R	isk Beh	avior ar	nd Perc	entages						Linear Change*	Quadratic Change [*]	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QN35: e-pipes, Plus, eG	vape pi	pes, var	oing pen	s, e-hoo	kahs, ar	nd hooka	h pens	[such as	blu, NJ								
												22.2	20.5	30.9	Increased, 2014-2018	Not available [§]	Increased
QNFRE during the					io currei	ntly used	l electro	nic vap	or produ	icts freq	uently ((on 20 c	or more	days			
												5.0	5.6	13.6	Increased, 2014-2018	Not available	Increased
QNDAY the 30 d				tudents	who cur	rently us	sed elect	tronic v	apor pro	ducts d	aily (on	all 30 c	lays dur	ring			,
												3.7	3.7	9.8	Increased, 2014-2018	Not available	Increased
QNTB5 day duri						smoked	cigaret	tes or us	sed elec	tronic v	apor pro	oducts	(on at le	east 1			
												24.6	23.3	31.9	Increased, 2014-2018	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.

obacco	Use			Н	ealth Ri	isk Beh	avior aı	nd Perco	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN36: (such as survey,	a conve	enience s	store, su	ıpermarl	ket, disc	ount sto	ore, gas	station,	or vape	store, d	uring th	e 30 day					
													15.3	10.1	No linear change	Not available§	No ahanga
													13.3	10.1	No finear change	Not available	No change
dissolva	ble toba	cco pro	ducts [st	uch as C	Copenha	gen, Gri	izzly, Sl	coal, or	Camel S				ius, or		No inical change	rvot avaliaote	No change
QN37: dissolva vapor pi	ble toba	cco pro	ducts [st	uch as C	Copenha	gen, Gri	izzly, Sl	coal, or	Camel S				ius, or		Decreased, 2016-2018	Not available	Decreased
dissolva vapor pi QN38:	ble toba	on at lea	ducts [suast 1 day	uch as C y during who cur	Copenha the 30	gen, Gri days bet	izzly, Sl fore the	coal, or (survey)	Camel S	Snus], n	ot count	ing any	us, or electron	7.8			

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

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Male **Tobacco Use**

> Linear Change* **Health Risk Behavior and Percentages** Quadratic Change* Change from 2016-2018

1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018

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

22.1 15.7 15.1 10.7 Decreased, 2013-2018

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.

Male Alcohol a	nd Oth	er Druş	g Use	Н	ealth R	isk Beh	avior aı	nd Perc	entages						Linear Change [*]	Quadratic Change*	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN40:	Percenta	age of s	tudents	who had	l their fi	rst drink	of alco	hol befo	ore age	13 years	(other	than a f	ew sips)			
											19.5	15.3	14.6	11.6	Decreased, 2013-2018	Not available§	No change
QN41: the 30 d		_		who cur	rently d	rank alc	ohol (at	least on	e drink	of alcol	hol, on	at least	l day dı	ıring			
	j		3,								33.4	25.4	30.6	27.2	Decreased, 2013-2018	Not available	No change
QN42: female s day duri	tudents	or five	or more	drinks o	of alcoh												
													16.8	16.5	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.

Alcohol a		-	,	Н	ealth R	isk Beh	avior aı	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN45:	Percenta	age of st	tudents	who eve	er used n	narijuan	a (one c	or more	times du	iring the	eir life)						
											30.8	26.7	27.3	27.3	No linear change	Not available§	No change
QN46:	Percents	age of st	tudents	who trie	d mariii	uana for	the first	t time he	efore ag	e 13 ve:	ars		-				
Q1110.	rereena	.ge 01 31	iddents	who the	a mary	uunu 101	the ma	tume ov	crore ug	c 13 ye.	7.4	4.9	6.0	5.5	No linear change	Not available	No change
QN47: survey)	Percenta	age of st	tudents	who cur	rently u	sed mar	ijuana (d	one or n	nore tim	es durir	ng the 30	0 days t	efore th	ie			
											19.5	16.3	17.4	18.0	No linear change	Not available	No change
		an of at	tudente	who eve	or used s	wnthatic	marijus	ana (one	or mor	e times	during	their life	e)	-			
QN48:	Percenta	age of si	luuciits	who cvc	i uscu s	symmetre	mariju	ana (one	or mor	c tillies	adring		- /				

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

[§]Not enough years of data to calculate.

				Н	ealth Ri	sk Beha	vior an	d Perce	entages						Linear Change*	Quadratic Change [*]	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
differer	Percent tly than odone, a	how a d	loctor to	ld them	to use it	t (counti	ng drug	s such a									
													13.1	10.8	No linear change	Not available§	No change
-	Percent nore tim	_			r used c	ocaine (any forr	n of coc	aine, in	cluding	powder	r, crack,	or freel	oase,			
											7.6	4.9	6.8	4.5	Decreased, 2013-2018	Not available	Decreased
				-						1 " "	ICI : X	Milita "		noro			:
	Percent uring the		udents v	who eve	r used h	eroın (a	lso calle	d "smac	ck," "jun	ık," or "	Cnina	wille,	one or n	nore			
			udents v	who eve	r used h	eroin (a	iso calle	d "smac	ck," "jur	ik," or "	6.5	2.6	3.2	2.9	Decreased, 2013-2018	Not available	No change
QN53:		eir life) age of si	tudents v	who eve	r used m	nethamp					6.5	2.6	3.2	2.9	Decreased, 2013-2018	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.

Alcohol a			J		He	alth Ri	sk Beh	avior ar	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	199	7 1	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	8		
QN54:	Percenta	age of s	studen	ts wh	no evei	used e	cstasy (also call	led "MI	OMA," c	one or m	ore tim	es durir	ng their	life)			
												9.7	5.4	6.0	4.6	Decreased, 2013-2018	Not available§	No change
QN56:							ed any il	legal dr	ug (useo	d a need	lle to inj					Decreased, 2013-2018	Not available [§]	No change
QN56: body, or							ed any il	legal dr	ug (usec	d a need	lle to inj					Decreased, 2013-2018 No linear change	Not available [§] Not available	No change
	ne or mo	age of s	es duri	ng th	neir life	e)				·		ect any 4.3	illegal	drug int	o 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.

Maryland High School Survey Carroll County Trend Analysis Report

Sexual Behaviors Health Risk Behavior and Percentages Linear Change* Quadratic Change* Change from 2016-2018 [†] 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 QN58: Percentage of students who ever had sexual intercourse 32.9 24.7 30.1 30.6 No linear change Not available§ No change QN59: Percentage of students who had sexual intercourse for the first time before age 13 years

8.7

2.9

5.8

3.7

6.1

3.4

6.8

QN61: Percentage of students who were currently sexually active (had sexual intercourse with at least one person,

23.3 15.8 22.5 23.0 No linear change Not available No change

Not available

Not available

No change

No change

No linear change

No linear change

QN60: Percentage of students who had sexual intercourse with four or more persons during their life

Male

during the 3 months 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.

Aale Sexual Be	ehavior	s															
				Н	ealth R	isk Beh	avior aı	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN62: 1 who wer					nk alcol	hol or us	sed drug	s before	last sex	kual inte	ercourse	e (amon	g studer	nts			
											27.3	32.5	26.0	26.0	No linear change	Not available§	No change
QN63: 1				who use	d a con	dom dur	ring last	sexual i	ntercou	rse (am	ong stu	dents w	no were				
											68.2	59.0	63.9	53.5	Decreased, 2013-2018	Not available	No change
QN64: 1							pills bef	ore last	sexual i	ntercou	rse (to p	prevent	pregnan	cy,			
											22.2	29.0	25.3	32.2	Increased, 2013-2018	Not available	No change
QNIUD or Nexpl active)																	
ucu (c)											0.8	1.4	2.0	1.5	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.

				H	ealth R	isk Beh	avior ai	nd Perc	entages						Linear Change [*]	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
control 1	ring (suc	Percenta ch as Nu lly active	vaRing														
											3.1	3.0	1.2	2.6	No linear change	Not available [§]	No chang
ONOTI	IIIDI . I	Danasanta	f -t		.1	ا المالية		:11	IIID (au	-1 M	C						
implant control 1	(such as	Percenta s Implan ch as Nu	on or NivaRing	explano	n); or a	shot (su	ich as Ď	epo-Pro	vera), p	atch (su	ich as C	OrthoEv	a), or b				
implant control 1	(such as	s Implan	on or NivaRing	explano	n); or a	shot (su	ich as Ď	epo-Pro	vera), p	atch (su	ich as C	OrthoEv student	a), or b		No linear change	Not available	No chang
implant control i	(such as ring (suc y sexual	s Implan ch as Nu lly active	on or N vaRing	expland) before	on); or a last sex	shot (su	ich as D rcourse	epo-Pro (to prev	overa), p ent preg	atch (sugnancy,	among 26.1	OrthoEve student 33.4	ra), or b s who w 28.5	36.3	No linear change	Not available	No chang
implant control is currently QNDU Apills; an Depo-Pi	(such as ring (suc y sexual ALBC: IUD (su rovera),	s Implan ch as Nu	age of st	expland) before udents v r ParaG OrthoEv	who use ard) or i	shot (su sual inte	nch as D rcourse a condor (such as	m during	g last secon or N	atch (sugnancy,	26.1 ercourse on); or a	orthoEventstudent 33.4 e and bit is shot (s	ra), or b s who w 28.5 rth cont uch as	36.3	No linear change	Not available	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.

[§]Not enough years of data to calculate.

Maryland High School Survey Carroll County Trend Analysis Report

Male **Sexual Behaviors** Linear Change* **Health Risk Behavior and Percentages** Quadratic Change* Change from 2016-2018 [†] 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QNBCNONE: Percentage of students who did not use any method to prevent pregnancy during last sexual intercourse (among students who were currently sexually active) 13.0 11.1 13.4 12.8 No linear change Not available§ No change QN84: Percentage of students who were ever tested for human immunodeficiency virus (HIV) (not counting tests done if they donated blood)

7.2

10.5

9.8

Increased, 2014-2018

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.

		nent an		Н	ealth R	isk Beha	avior ar	nd Perco	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QNOW index, b												tile for t	ody ma	ss			
											13.4	14.6	15.5	13.3	No linear change	Not available [¶]	No change
						besity (>			le for bo	ody mas	ss index	, based	on sex-	and	<u> </u>		
											13.6	12.2	12.9	10.9	No linear change	Not available	No change
QN67:	Percenta	age of st	udents	who des	scribed t	hemselv	es as sli	ghtly or	very ov	verweigl	ht			-	,		:
											22.6	23.3	20.1	20.5	No linear change	Not available	No change
QN69: before t			udents	who did	not drii	nk fruit j	uice (10	00% frui	t juices	one or i	more tin	nes duri	ng the 7	days			

^{*}Based on trend 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.

Not enough years of data to calculate.

				Н	ealth Ri	sk Beha	vior an	d Perce	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN70:	Percenta	ige of st	udents v	who did	not eat	fruit (on	e or mo	re times	during	the 7 da	ıys befo	ore the s	urvey)				
											16.2	13.0	14.5	13.9	No linear change	Not available [§]	No chang
			students				r drink 1	00% fr	uit juice	es (such	as oran	ge juice	, apple j	uice,			,
			students e 7 days				r drink 1	00% fr	uit juice	es (such	as oran	ge juice 7.5	, apple j	uice, 9.0	No linear change	Not available	No chang
or grape ONFR1	juice, d	uring th		s before	the surv	vey) or drank	 100% fr	uit juice	es one o		8.5	7.5	9.2		No linear change	Not available	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.

[§]Not enough years of data to calculate.

Male Weight M	Ianage	ment ar	nd Dieta	•	aviors ealth Ri	isk Beh	avior ar	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QNFR2: orange j										or more	times p	er day (such as				
											29.6	26.7	26.0	26.2	No linear change	Not available§	No change
QN71:	Percent	age of s	tudents	who did	not eat	green sa	alad (on	e or mo	re times	during	the 7 da	ıys befo	re the si	ırvey)			
											40.5	41.4	43.6	47.4	Increased, 2013-2018	Not available	No change
QN72:	Percent	age of s	tudents	who did	not eat	potatoe	s (one o	r more t	imes du	ring the	7 days	before t	he surv	ey)			
											27.4	29.9	33.1	34.1	Increased, 2013-2018	Not available	No change
QN73: 1	Percent	age of s	tudents	who did	not eat	carrots	(one or 1	more tir	nes duri	ng the 7	days b	efore th	e survey	<i>(</i>)	,		
											46.1	46.2	46.5	47.1	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.

				Н	ealth Ri	sk Beha	avior an	d Perce	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN74: survey)	Percenta	age of st	udents	who did	not eat	other ve	getables	s (one or	more ti	imes du	ring the	7 days	before t	the			
• .											16.8	14.6	18.3	17.2	No linear change	Not available [§]	No change
	G0: Peros, or pota											g Frenc	h fries,	fried			
											8.4	5.7	7.9	7.4	No linear change	Not available	No change
	G1: Perofries, frie																

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

[§]Not enough years of data to calculate.

				Н	ealth Ri	sk Beh	avior ar	nd Perc	entages	;					Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	<u> </u>		
QNVEO																	
											28.2	25.3	25.0	23.6	Decreased, 2013-2018	Not available§	No change
QNVEO [excludi survey)														the			
[excludi													s before	the 11.1	No linear change	Not available	No change
[excludi	ng Fren	age of st	fried po	who did	not drin	o chips]	, carrots	or glass	er veget	ables, d	luring t	he 7 day	s before	11.1	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.

			Н	ealth Ri	isk Beha	avior and	d Perce	entages	3					Linear Change*	Quadratic Change*	Change from 2016-201
1991 1993	3 1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QNSODA1:													ay	,		
(such as Coke	, Pepsi, oi	r Sprite,	not cou	nting di	et soda o	or diet po	op, durn	ng the 7	/ days b	etore th	e surve	V)				
										23.0	21.7	17.8	17.6	Decreased, 2013-2018	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.

Male Physical <i>I</i>	Activity	,		Н	ealth R	isk Beh	avior aı	nd Perc	entages						Linear Change*	Quadratic Change [*]	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN78: kind of j	physical	activity	that in														
Ĭ		•									52.6	54.5	50.9	55.0	No linear change	Not available [§]	No change
QNPA0 1 day (in during the	ı any kiı	nd of ph	ysical a	ctivity t													
											11.7	11.0	12.2	14.2	Increased, 2013-2018	Not available	No change
QNPA7 kind of j days bef	physical	activity	that in												,		,
											29.6	29.5	28.9	35.1	Increased, 2013-2018	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.

Male Physical	Activity	y		Н	ealth R	isk Beh	avior aı	nd Perc	entages	1					Linear Change*	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN79:	Percent	age of s	tudents	who wa	tched te	levision	3 or mo	re hour	s per da	y (on ar	n averag	e schoo	l day)				
											25.8	23.3	20.8	15.8	Decreased, 2013-2018	Not available [§]	Decreased
QN80: (countin Instagra	g time	spent on	things	such as	Xbox, P	layStati	on, an il	Pad or o	ther tab	let, a sn	nartphoi	ne, texti	ng, Ŷot	ıTube,			
											32.3	35.9	39.1	43.8	Increased, 2013-2018	Not available	Increased
QN81: week wl					ended pl	nysical e	educatio	n (PE) c	classes o	on 1 or r	nore da	ys (in aı	n averag	ge			,
											38.2	41.1	32.4	35.7	Decreased, 2013-2018	Not available	No change

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

[§]Not enough years of data to calculate.

Maryland High School Survey Carroll County Trend Analysis Report

Male **Physical Activity** Linear Change* **Health Risk Behavior and Percentages** Quadratic Change* Change from 2016-2018 [†] 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QNDLYPE: Percentage of students who attended physical education (PE) classes on all 5 days (in an average week when they were in school) 21.4 21.3 18.6 21.5 No linear change Not available§ 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) 15.6 18.2 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.

Iale Other																	
				Н	ealth Ri	isk Beh	avior an	nd Perce	entages	\$					Linear Change [*]	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QN86:						ist (for a	check-u	ıp, exan	n, teeth	cleaning	g, or oth	ner dent	al work	,			
allring fi	he 12 m	onths be	efore the	survey)												
during ti	he 12 m	onths b	efore the	survey)							82.1	84.2	82.4	No linear change	Not available [§]	No change
QNNOL						r saw a	dentist (for a cho	eck-up,	exam, t	eeth cle				No linear change	Not available [§]	No change
						r saw a	dentist (for a che	eck-up,	exam, t	eeth cle				No linear change	Not available [§]	No change
QNNOL	ONT: Po	ercentag	ge of stu	dents w	ho neve							eaning, o	or other	dental			

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

Maryland High School Survey Carroll County Trend Analysis Report

Male

Site-Add	ed																
				Н	ealth R	isk Beha	avior aı	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN90:	Percent	age of s	tudents	who are	transge	nder							2.5	1.4	Decreased, 2016-2018	Not available [§]	No change
						cell pho			g (on at	least 1	day dur	ing the		34.0	No linear change	Not available	No change
QN94:	Percent	age of s	tudents	who smo	oked a v	whole ci	garette l	pefore a	ge 13 ye	ears (for	the firs	t time) 6.1	6.1	4.7	Decreased, 2013-2018	Not available	No change
			tudents before t			pacco in	a hooka	nh, narg	hile, or o	other ty	pe of wa	aterpipe	(on at le	2.6	No linear change	Not available	No change

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

[§]Not enough years of data to calculate.

ite-Add	ed			Н	ealth R	isk Beh	avior aı	nd Perc	entages						Linear Change [*]	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		2010-2018
1991	1993	1993	1991	1999	2001	2003	2003	2007	2009	2011	2013	2014	2010	2010			
				who usu who ha							flavor v	with an	electron	ic			
												95.5	98.3	96.4	No linear change	Not available§	No change
	Percen		student	s who ha	ave ever	used an	electro	nic vapo	or produ	ct to sm	noke ma	rijuana,	THC o	r hash			,
			students	s who ha	ave ever	used an	electro	nic vapo	or produ	ct to sm	noke ma	rijuana,	THC o	r hash 17.4	Increased, 2016-2018	Not available	Increased
oil, or T	HC wax	atage of	students	s who ha	,		,						10.6	17.4	Increased, 2016-2018	Not available	Increased
oil, or T	HC wax	atage of	students		,		,						10.6	17.4	Increased, 2016-2018 Decreased, 2016-2018	Not available Not available	Increased
QN102: little cig	Percengar in the	ntage of e next y	students ear students		ink they	definite	ely or pr	oducts (f	will smo	oke a ci	garette,	cigar, c	10.6 igarillo, 22.5 ttle ciga	17.4 or 17.0			

^{*}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.

Male Site-Adde	ed																
				Н	ealth R	isk Beh	avior ar	nd Perc	entages						Linear Change [*]	Quadratic Change*	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN104: the surve		tage of	students	s who tri	ied or u	sed toba	cco prod	lucts for	the firs	t time (during t	he 12 m	nonths b	efore			
												13.3	10.5	7.6	Decreased, 2014-2018	Not available [§]	Decreased
QN105: survey, a												2 month	is before	e the			-,
											31.6	37.1	31.4	9.9	Decreased, 2013-2018	Not available	Decreased
QN106:	Percen	tage of	students	who li	ve with	someone	e who no	ow smo	kes ciga	rettes or	rcigars						
											37.3	32.0	30.1	31.2	Decreased, 2013-2018	Not available	No change
QN107: allowed										home i	s that si	noking	is not				
													85.9	85.0	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.

Aale ite-Adde	ed			Н	ealth Ri	sk Beha	avior an	nd Perc	entages						Linear Change [*]	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	.		
QN108:					ere in the	e same i	room wi	th some	one who	o was sı	noking	(on at 1	east one	day			
during th	ie / day	s before	the sur	vey)									25.6	26.3	No linear change	Not available [§]	No change
QN110:	Percen	tage of s	students	who we	ere taugl	ht in the	ir classe	s about	the dan	gers of	tobacco	use (du	ring the	last			
school y										8	77.8	71.3	72.3	69.9	Decreased, 2013-2018	Not available	No shance
											77.0	11.5	12.3	0).)	Decreased, 2013-2010	140t available	
																	No change
	Percen	tage of s	students	who sa	y definit	tely yes	or proba	ably yes	that yo	ung peo	ple who	o smoke	have n	nore			No change
QN117: friends	Percen	tage of s	students	who sa	y definit	tely yes	or proba	ably yes	that yo	ung peo	ople who	o smoke	29.3	36.2	Increased, 2013-2018	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.

Male Site-Adde	ed			н	ealth R	isk Beh	avior aı	nd Perc	entages						Linear Change [*]	Quadratic Change*	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN119: parents i		_						eeking h	elp fron	n one or	more a	dults be	sides th	eir			
•	J		•	•		S					80.4	82.7	78.6	80.4	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.

Female Injury an	d Viole	ence		Н	ealth R	isk Beh	avior ar	nd Perc	entages						Linear Change*	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	<u> </u>		
QN9: P							ho had l	oeen dri	nking al	lcohol (i	in a car	or other	vehicle	e, one			
											16.9	19.1	13.7	13.1	Decreased, 2013-2018	Not available [§]	No change
QN10: times du	ring the	30 day	s before														
days bef	ore the	survey)									6.3	4.5	5.1	2.2	Decreased, 2013-2018	Not available	Decreased
QN11: the 30 d survey)																	
survey)											39.0	32.7	32.4	31.9	Decreased, 2013-2018	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.

ijury an	ury and Violence Health Risk Behavior and Percentages											Linear Change [*]	Quadratic Change*	Change from 2016-2018 [†]			
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN13: day duri						eapon o	n schoo	l proper	ty (such	as a gu	ın, knife	e, or clul	o, on at	least 1	;		
day duri	ing the 3	o days i	octore u	ic surve	·y)						2.3	1.3	3.6	1.4	No linear change	Not available [§]	Decreased
QN14: or for a													for hur	nting			
													2.0	1.1	Decreased, 2016-2018	Not available	No change
QN16: knife, oi										on scho	ol prop	erty (suc	h as a g	un,			,
												3.5					

^{*}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.

njury an	Health Risk Behavior and Percentages													Linear Change*	Quadratic Change*	Change from 2016-2018 [†]	
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
	Percenta before th			who wer	re in a p	hysical	fight on	school	property	(one o	r more	imes du	iring the	: 12			
											7.6	3.7	4.4	4.2	Decreased, 2013-2018	Not available§	No change
someone with an	Percental ethey woobject on the with so	ere dati r weapo	ng or go n] one o	ing out or more	with [co	ounting uring the	such thi e 12 mo	ngs as b nths bef	eing hit	, slamm	ed into	someth	ing, or i	njured			
											11.0	11.4	9.4	11.5	No linear change	Not available	No change
QN23:	Percenta	age of st	udents v	who wer	re bullie	d on sch	nool pro	perty (e	ver duri	ng the 1	2 mont	hs befor	e the su	rvey)			

^{*}Based on trend analyses using a logistic regression model controlling 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 an	d Viole	ence															
				Н	ealth R	isk Beh	avior aı	nd Perc	entages						Linear Change*	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN24: Faceboo											d throug	gh textir	ng, Insta	ngram,			
											25.2	24.4	26.1	24.4	No linear change	Not available [§]	No change
QN25:											eks in a	row so	that the	ey .			
											32.7	35.4	38.0	37.6	Increased, 2013-2018	Not available	No change
QN26: survey)	Percent	age of st	tudents	who ser	iously c	onsidere	ed attem	pting su	icide (e	ver duri	ing the	12 mont	hs befo	re the			
											20.5	21.6	22.3	22.1	No linear change	Not available	No change
QN27: before the			tudents	who ma	de a pla	n about	how the	y would	l attemp	t suicid	le (durin	ig the 12	2 month	ıs			
											14.2	14.8	15.6	16.1	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.

Female Fobacco	Use																
				Н	ealth R	isk Beh	avior aı	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN32: survey)	Percenta	age of s	tudents	who cur	rently s	moked o	eigarette	s (on at	least 1	day duri	ng the 3	30 days	before t	he			
											11.4	8.5	7.8	4.8	Decreased, 2013-2018	Not available§	Decreased
QNFRC days bef				ents who	o curren	ntly smo	ked ciga	rettes fi	equentl	y (on 20	or mo	re days	during t	he 30			
											4.2	1.9	1.9	0.8	Decreased, 2013-2018	Not available	No change
QNDAY before th			ige of st	udents v	vho curi	rently sn	noked ci	igarettes	daily (on all 3) days c	luring tl	ne 30 da	ys			
											2.5	1.8	1.5	0.8	Decreased, 2013-2018	Not available	No change
QN34: I vape pip	es, vapi	ing pens															
eGo, and	d Halo]))										34.7	38.2	47.3	Increased, 2014-2018	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.

Female Fobacco	Use																
				Н	ealth R	isk Beh	avior ar	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QN35: e-pipes, Plus, eG	vape pi	ipes, vap	ping pen	s, e-hoo	kahs, ar	id hooka	h pens [[such as	blu, NJ								
												17.9	18.9	32.7	Increased, 2014-2018	Not available [§]	Increased
QNFRE during t					o currei	ntly used	l electro	nic vap	or produ	icts freq	uently ((on 20 c	or more	days			:
		•		,								2.3	3.5	9.4	Increased, 2014-2018	Not available	Increased
QNDAY the 30 d				tudents	who cur	rently us	sed elect	tronic v	apor pro	ducts d	aily (on	all 30 c	lays dui	ring			
												1.8	2.8	6.8	Increased, 2014-2018	Not available	Increased
QNTB5 day duri						smoked	l cigaret	tes or us	sed elect	tronic v	apor pro	oducts	(on at le	east 1			
												20.1	21.2	33.2	Increased, 2014-2018	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.

emale obacco	emale obacco Use Health Risk Behavior and Percentages													Linear Change*	Quadratic Change*	Change from 2016-2018 [†]	
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QN36: (such as survey,	a conve	nience	store, su	permark	ket, disc	ount sto	re, gas s	station, d	or vape	store, d	uring th	e 30 day					
													4.1	5.0	No linear change	Not available§	No change
dissolva	Percenta ble toba oducts,	cco pro	ducts [st	ich as C	Copenha	gen, Gri	izzly, Sk	coal, or (nic 1.9	No linear change	Not available	No change
QN38: during t					rently si	noked c	eigars (ci	igars, ci	garillos,	or little	e cigars,	on at le	east 1 da	y			

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

[§]Not enough years of data to calculate.

Maryland High School Survey Carroll County Trend Analysis Report

Female
Tobacco Use

Health Risk Behavior and Percentages

Health Risk Behavior and Percentages

Linear Change*
Quadratic Change*
Change from 2016-2018 †

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

14.4 10.5 9.9 7.9 Decreased, 2013-2018 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.

	hol and Other Drug Use Health Risk Behavior and Percentages													Linear Change*	Quadratic Change*	Change from 2016-2018 [†]	
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN40:	Percenta	age of st	udents v	who had	their fi	rst drink	of alco	hol befo	ore age 1	13 years	(other	than a f	ew sips))			
											13.7	12.1	11.3	8.5	Decreased, 2013-2018	Not available§	No change
QN41: the 30 d				who cur	rently di	rank alco	ohol (at	least on	e drink	of alcol	nol, on	at least	l day du	ıring			
											36.4	33.2	33.8	30.9	Decreased, 2013-2018	Not available	No change
QN42: female s day duri	students	or five	or more	drinks o	of alcoho												
													19.6	18.1	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.

Female Alcohol a	and Oth	er Dru	g Use	Н	ealth R	isk Beh	avior aı	nd Perc	entages						Linear Change [*]	Quadratic Change [*]	Change from
																	2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN45:	Percent	age of s	tudents	who eve	er used i	marijuan	a (one o	or more	times du	aring the	eir life)		•	•			
											27.4	28.0	30.2	27.1	No linear change	Not available§	No change
QN46:	Percent	age of s	tudents	who trie	ed marij	uana for	the first	t time b	efore ag	e 13 ye:	ars		.				
											4.4	3.4	3.7	4.0	No linear change	Not available	No change
QN47: survey)	Percent	age of s	tudents	who cur	rently u	ised mar	ijuana (one or n	nore tim	es durir	ng the 3	0 days b	efore th	ie			
• ,											16.6	16.3	18.2	16.3	No linear change	Not available	No change
QN48:	Percent	age of s	tudents	who eve	er used s	synthetic	mariju	ana (one	e or mor	e times	during	their life	e)				,
												8.5	7.1	4.3	Decreased, 2014-2018	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.

Female Alcohol a	nd Oth	er Dru	g Use														
				Н	ealth R	isk Beh	avior ar	nd Perc	entages						Linear Change [*]	Quadratic Change*	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN49: different	ly than	how a c	doctor to	old them	to use i	it (count	ing drug	gs such a									
													14.2	11.5	No linear change	Not available§	No change
QN50: I		_			er used o	cocaine (any fori	m of coo	caine, in	cluding	powde	r, crack,	or free	base,			
											4.3	2.4	3.6	2.4	No linear change	Not available	No change
QN52: I			tudents	who eve	er used l	neroin (a	lso calle	ed "sma	ck," "jui	nk," or '	"China	White,"	one or	more			
											2.8	1.9	1.4	1.1	Decreased, 2013-2018	Not available	No change
QN53: I							hetamir	nes (also	called	"speed,	" "cryst	al meth,	" "cranl	κ,"			
											3.6	1.3	2.2	1.1	Decreased, 2013-2018	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.

Female Alcohol a	and Oth	er Druş	g Use	Н	ealth R	isk Beh	avior aı	nd Perc	entages	1					Linear Change*	Quadratic Change*	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN54:	Percenta	age of s	tudents	who eve	r used e	ecstasy (also cal	led "ME	OMA," o	one or m	ore tim	es durir	g their l	life)			
											6.4	4.4	4.2	2.5	Decreased, 2013-2018	Not available§	No change
QN56: body, or						ed any il	llegal dr	ug (used	d a need	lle to inj	ect any	illegal	drug into	their			,
body, or	ie or mc	ne ume	s during	uien in	.e)						2.1	1.9	2.4	1.7	No linear change	Not available	No change
QN57:	Percenta	age of s	tudents	who we	re offere	ed, sold,	or give	n an ille	gal drug	g on sch	ool pro	perty (d	uring the	e 12			
months						,,	3				24.1	20.3	17.4	19.2	Decreased, 2013-2018	Not available	No change

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

[§]Not enough years of data to calculate.

Maryland High School Survey Carroll County Trend Analysis Report

Female Sexual Behaviors Health Risk Behavior and Percentages Linear Change* Quadratic Change* Change from 2016-2018 [†] 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 QN58: Percentage of students who ever had sexual intercourse 32.6 27.4 29.5 29.3 No linear change Not available§ No change QN59: Percentage of students who had sexual intercourse for the first time before age 13 years 2.1 2.1 2.4 1.7 No linear change Not available No change QN60: Percentage of students who had sexual intercourse with four or more persons during their life No change 7.6 4.8 5.1 6.0 No linear change Not available QN61: Percentage of students who were currently sexually active (had sexual intercourse with at least one person, during the 3 months before the survey) 23.9 21.9 22.5 21.9 No linear change Not available No change

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

Based on t-test analysis, p < 0.05.

[§]Not enough years of data to calculate.

emale Sexual Be	ehavior	s															
				Н	ealth R	isk Beh	avior aı	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN62: I who wer					nk alcol	hol or us	sed drug	s before	last sex	cual inte	ercourse	e (amon	g studer	nts			
											24.3	23.4	20.9	19.1	No linear change	Not available§	No change
QN63: I				who use	d a con	dom dur	ring last	sexual i	intercou	rse (am	ong stu	dents w	no were		,		
											57.3	50.2	54.0	51.5	No linear change	Not available	No change
QN64: I							pills bef	ore last	sexual i	ntercou	rse (to p	prevent	pregnan	cy,	<u> </u>		
											29.6	31.4	34.6	36.7	No linear change	Not available	No change
QNIUDI or Nexpl active)																	
active)											0.9	0.9	4.8	7.2	Increased, 2013-2018	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.

				Н	ealth Ri	isk Beh	avior aı	nd Perc	entages						Linear Change*	Quadratic Change [*]	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QNSHP control r	ring (suc	ch as Nu	ivaRing														
											2.9	3.7	2.2	2.1	No linear change	Not available§	No change
implant control 1	(such as ring (suc	Percenta s Implan ch as Nu lly active	on or NivaRing	explano	n); or a	shot (su	ich as D	epo-Pro	vera), p	atch (su	ch as C	OrthoEv	ra), or b		Increased, 2013-2018	Not available	No change
mplant control recurrently QNDUA pills; an Depo-Pr	(such as ring (suc y sexual ALBC: IUD (sucrovera),	s Implan ch as Nu	age of st	expland) before cudents v r ParaG OrthoEv	who use ard) or i	shot (su ual inter	course condor (such as atrol ring	m during	g last sex on or Nos Nuval	atch (su nancy, a kual inte	33.4 ercourseon); or a	36.0 e and bit is shot (s	ra), or b s who w 41.5 rth cont uch as	46.0	Increased, 2013-2018	Not available	No change

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

[§]Not enough years of data to calculate.

Maryland High School Survey Carroll County Trend Analysis Report

Female Sexual Behaviors Linear Change* **Health Risk Behavior and Percentages** Quadratic Change* Change from 2016-2018 [†] 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QNBCNONE: Percentage of students who did not use any method to prevent pregnancy during last sexual intercourse (among students who were currently sexually active) Not available§ 13.4 12.7 9.7 9.5 No linear change No change

7.4

8.8

9.8

No linear change

Not available

QN84: Percentage of students who were ever tested for human immunodeficiency virus (HIV) (not counting tests

done if they donated blood)

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.

				Н	ealth Ri	isk Beha	avior ar	d Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
	T: Perco											ile for t	ody ma	ss			
											11.0	11.0	12.9	12.9	No linear change	Not available¶	No change
	ESE: Pe								le for bo	ody mas	ss index	, based	on sex-	and	<u> </u>		
											5.3	5.3	6.2	8.0	Increased, 2013-2018	Not available	No change
	Percenta	age of st	udents	who des	cribed t	hemselv	es as sli	ghtly or	very ov	erweigl	ht						:
QN67:											31.5	30.3	30.0	32.9	No linear change	Not available	No change
QN67:											31.3	30.3	20.0		C	Trot wrante	1 to change
QN69:	Percenta he surve		udents	who did	not drir	nk fruit j	uice (10	00% frui	t juices					days		1,00 0,000	Two 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.

Not enough years of data to calculate.

				Н	ealth Ri	isk Beha	avior ar	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN70:	Percenta	age of st	tudents v	who did	not eat	fruit (on	ne or mo	ore times	s during	the 7 da	ays befo	ore the s	urvey)				
											9.5	10.5	9.6	10.8	No linear change	Not available§	No change
					id not ea		or drink	100% fr	uit juice	es (such	as oran	ge juice	, apple	juice,			
					id not ea		or drink	100% fr	uit juice	es (such	as oran	ge juice	, apple 5.6	juice,	No linear change	Not available	N
							or drink	100% fr	uit juice	es (such					No linear change	Not available	N
or grape ONFR1	juice, d	luring th	ne 7 days	s before		vey) or drank	100% f	ruit juic	es one o		4.5	6.0	5.6		No linear change	Not available	No c

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

[§]Not enough years of data to calculate.

veight 1	vianage	ment an	u Dicta	-		isk Beh	avior ar	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
		ntage of								or more	times p	er day (such as				
											29.1	25.7	26.1	23.0	Decreased, 2013-2018	Not available§	No change
QN71:	Percent	age of s	tudents	who did	not eat	green sa	ılad (one	e or moi	re times	during	the 7 da	ays befo	re the si	ırvey)			
											25.5	31.3	32.4	35.9	Increased, 2013-2018	Not available	No change
QN72:	Percent	age of s	tudents	who did	not eat	potatoe	s (one or	r more t	imes du	ring the	7 days	before t	he surv	ey)			+
											30.8	34.9	36.7	38.6	Increased, 2013-2018	Not available	No change
QN73:	Percent	age of s	tudents	who did	not eat	carrots	(one or i	more tin	nes duri	ng the 7	7 days b	efore th	e survey	7)			
											45.6	48.3	47.1	49.7	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.

				Н	ealth Ri	isk Beha	vior an	d Perce	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN74: survey)		age of st	udents v	who did	not eat	other ve	getables	s (one or	r more t	imes du	ring the	7 days	before t	the			
											9.3	12.4	12.3	11.5	No linear change	Not available§	No change
						eat vege						ng Frenc	h fries,	fried			
											3.6	3.6	4.1	4.8	No linear change	Not available	No change
						etables o											

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

[§]Not enough years of data to calculate.

				Н	ealth Ri	sk Beh	avior aı	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
												d, potato					
											28.0	27.2	22.9	20.3	Decreased, 2013-2018	Not available§	No change
[excludi												ad, potat ne 7 day		the			
														the 7.9	Decreased, 2013-2018	Not available	No change
[excludi survey) QN75:	ng Fren	ch fries	fried po	who did	or potat	o chips]	, carrots	or glass	er veget	ables, d	luring th	ne 7 day	s before 9.9	7.9	Decreased, 2013-2018	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.

				Н	ealth R	isk Beh	avior aı	nd Perc	entages						Linear Change [*]	Quadratic Change*	Change fron 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
•		C				,	,	_						ıy			
QNSOD. (such as		C				,	,	_						8.1	Decreased, 2013-2018	Not available [§]	No change
•	Coke, F	Pepsi, o	e of stud	not coun	nting di	et soda	or diet p	oop, duri	of soda o	or pop tv	13.8 vo or m	12.1 aore tim	10.3 es per da	8.1	Decreased, 2013-2018	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.

Female Physical A	Activity	7															
				Н	ealth Ri	isk Beh	avior ar	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QN78: kind of p	physical	activity	that in														
											42.2	39.4	37.5	40.9	No linear change	Not available [§]	No change
QNPA0 1 day (ir during th	n any kii	nd of ph	ysical a	ctivity t													
											15.0	16.4	17.5	17.0	No linear change	Not available	No change
QNPA7 kind of p	physical	activity	that in														
-											20.1	18.9	17.8	20.0	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.

'hysical .	Activity			Н	ealth Ri	isk Beha	avior ar	nd Perc	entages						Linear Change*	Quadratic Change [*]	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN79:	Percenta	age of st	udents v	who wat	tched tel	levision	3 or mo	ore hour	s per da	y (on ar	averag	e schoo	l day)				
											21.4	18.3	17.5	15.9	Decreased, 2013-2018	Not available [§]	No change
QN80: (countin Instagra	g time s	pent on	things s	such as 2	Xbox, P	layStatio	on, an il	Pad or o	ther tab	let, a sn	nartphoi	ne, texti	ng, Ŷou	Tube,	Increased, 2013-2018	Not available	Increased
QN81: week wl					ended ph	nysical e	ducatio	n (PE) c	lasses o	n 1 or n	nore da	ys (in ar	averag	ge			
week wi	nen mey	were ii	SCHOOL)													

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

[§]Not enough years of data to calculate.

				Не	ealth Ri	sk Beha	avior an	d Perce	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QNDLYP week whe					o attend	led phys	ical edu	cation (PE) clas	sses on	all 5 da	ys (in ar	averag	e			
VCCK WIIC	ii tiicy	were in	sciiooi)								16.7	18.5	10.7	14.8	No linear change	NT . 1118	
											10.7	10.5	18.7	14.0	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.

Female Other																	
				H	ealth Ri	isk Beha	avior aı	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	•		
QN86: I						st (for a	check-1	ıp, exan	n, teeth	cleaning	g, or oth	er denta	al work	,			
during u	10 12 m	onuis o	rore the	survey	,							81.6	83.3	83.8	No linear change	Not available§	No change
QNNOD	ONT: Po	ercentag	e of stu	dents w	no neve	r saw a	dentist (for a ch	eck-up,	exam, to	eeth cle	aning, o	or other	dental			
work)												0.9	1.2	0.7	No linear change	Not available	No change
QN87: I	Percenta	age of st	udents v	who had	ever be	en told	by a do	ctor or n	urse tha	it they h	ad asth	ma					

^{*}Based on trend analyses using a logistic regression model controlling 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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				Н	ealth Ri	isk Beha	avior ar	d Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN90:	Percenta	age of st	udents v	who are	transge	nder					•		1.5	1.7	No linear change	Not available [§]	No change
QN93: before t									g (on at	least 1	day dur	ing the	30 days 29.7	32.9	No linear change	Not available	No change
QN94:	Percenta	age of st	udents v	who smo	oked a w	whole ci	garette b	efore ag	ge 13 ye	ears (for	the firs	t time)					

3.3

2.0

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.

Temale Site-Addo	ed																
				Н	ealth R	isk Beh	avior ar	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QN99: vapor pr											flavor v	with an o	electron	ic			
												97.6	99.4	98.5	No linear change	Not available§	No change
QN101: oil, or T			students	s who ha	ive ever	used an	electro	nic vapo	or produ	ct to sm	oke ma	rijuana,	THC o	r hash			,
													8.2	15.9	Increased, 2016-2018	Not available	Increased
QN102:		_		s who th	ink they	definite	ely or pr	obably	will smo	oke a ci	garette,	cigar, c	igarillo,	or			
													12.4	10.9	No linear change	Not available	No change
QN103: flavored survey)																	
•											9.5	7.6	4.6	4.3	Decreased, 2013-2018	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.

Female Site-Adde	ed																
				Н	ealth R	isk Beh	avior ar	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	<u> </u>		
QN104: the surve		tage of	students	s who tri	ied or us	sed toba	cco proc	lucts for	the firs	t time (during t	he 12 m	onths b	efore			
												10.4	9.2	10.2	No linear change	Not available [§]	No change
QN105: survey,												2 month	s before	e the			
											36.4	42.4	32.8	6.5	Decreased, 2013-2018	Not available	Decreased
QN106:	Percen	tage of	students	s who liv	ve with	someone	e who no	ow smol	kes ciga	rettes or	rcigars	:			+		;
											35.0	31.7	28.9	27.8	Decreased, 2013-2018	Not available	No change
QN107: allowed										home i	s that sr	noking	is not				
													84.3	85.0	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.

emale ite-Adde	ed			**	ldl. D'	:.l. D.1	•	. J D	4						Linear Chara *	Over lands Charles	Characa 6
				H	ealth Ri	isk Beh	avior ar	id Perc	entages						Linear Change [*]	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN108: during th					ere in th	e same	room w	ith some	eone wh	o was si	moking	(on at l	east one	day			
													28.8	26.7	No linear change	Not available [§]	No change
QN110: school y		tage of	students	s who w	ere taug	ht in the	eir classe	es about	the dan	gers of	tobacco	use (di	aring the	e last			
											75.5	74.3	74.3	68.0	Decreased, 2013-2018	Not available	Decreased
QN117: friends	Percen	tage of	students	who sa	y defini	tely yes	or prob	ably yes	s that yo	ung peo	ple wh	o smok	e have n	nore			
											23.6	18.0	22.6	30.6	Increased, 2013-2018	Not available	Increased
QN118: cool or f		tage of	students	s who sa	y defini	tely yes	or prob	ably yes	s that sm	noking r	nakes y	oung pe	eople lo	ok			
											15.9	10.0	12.1	19.5	Increased, 2013-2018	Not available	Increased

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

[§]Not enough years of data to calculate.

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QN119: Percentage of students who would feel comfortable seeking help from one or more adults besides their parents if they had an important question affecting their life

82.8 84.6 82.7 82.5 No linear change Not available No change

ivaliable 140 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.

	nd Viol			H	lealth R	Risk Bel	navior a	nd Pero	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
	ercentag times di						ho had t	oeen dri	nking al	cohol (i	in a car	or other	vehicle	e, one	•		
or more	times di	aring un	e 30 day	s defore	the sur	vey)					17.5	17.5	12.9	12.4	Decreased, 2013-2018	Not available [¶]	No chang
imes du	Percenta	30 day															
imes du		30 day													Decreased, 2013-2018	Not available	No chang
imes du	ring the	30 day									ther veh	icle dur	ing the	30	Decreased, 2013-2018	Not available	No chang
imes du lays bef	ring the	30 days	s before	the surv	red or e-	ong stud	lents wh	o had d	riven a c	ther veh	7.9	4.8 at leas	5.3	30 2.9 during	Decreased, 2013-2018	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.

пјигу ал	nd Viol	ence		H	Iealth R	Risk Bel	navior a	nd Per	centage	es					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QN13: I						eapon o	n schoo	l proper	ty (such	n as a gu	ın, knife	e, or clu	o, on at	least 1	+		
iay duii	ing the s	o days i	before ti	ie sui ve	<i>y)</i>						3.4	1.9	4.7	2.8	No linear change	Not available¶	Decrease
															Decreed 2016 2019	Net avsilable	Dames
QN14: 1	sport su	ch as tar	get shoo	oting, or	n at leas	t 1 day o	during tl	ne 12 m	onths be	efore the	e surve	7)	3.7	2.4	Decreased, 2016-2018	Not available	Decrease
Or for a s	sport su		get shoo	oting, or	n at leas	t 1 day of	during the	ne 12 m	onths be	efore the	e surve	7)	3.7	2.4	Decreased, 2016-2018	Not available	Decreas

^{*}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.

njury a	nd Viol	ence		H	lealth R	lisk Beh	avior a	nd Pero	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
	Percenta before th		tudents v	vho wer	e in a p	hysical	fight on	school	property	(one o	r more t	imes du	ring the	12			
			• /								9.6	5.8	6.1	6.1	Decreased, 2013-2018	Not available [¶]	No change
someon with an	e they wo	ere dati r weapo	tudents v ng or go on] one o during th	ing out or more	with [co	ounting a	such thi 2 12 mor	ngs as b nths bef	eing hit	, slamm	ed into	somethi	ng, or i	njured			
											9.5	7.7	6.8	8.9	No linear change	Not available	No change
QN23:	Percenta	nge of st	udents v	who wei	e bullie	d on sch	ool pro	perty (e	ver duri	ng the 1	2 mont	hs befor	e the su	rvey)			

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

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

White* Injury a	nd Viol	ence															
				H	Health F	Risk Bel	navior a	and Per	centage	S					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QN24: Taceboo											d throug	gh textir	ıg, Insta	gram,			
											18.9	18.2	19.9	18.5	No linear change	Not available¶	No change
QN25:											eks in a	row so	that the	y			,
											23.5	25.5	27.1	27.6	Increased, 2013-2018	Not available	No chang
QN26:	Percenta	age of st	tudents	who seri	iously c	onsidere	ed attem	pting su	iicide (e	ver duri	ng the	12 mont	hs befor	re the			:
•											14.8	15.2	16.2	16.0	No linear change	Not available	No chang
QN27: Sbefore the			tudents	who ma	de a pla	n about	how the	ey would	d attemp	t suicid	e (durin	ig the 12	2 month	s			
											10.3	10.7	11.5	12.9	Increased, 2013-2018	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.

White* Fobacco	Use																
				H	Iealth F	Risk Bel	navior a	nd Per	centage	S					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QN32: F survey)	Percenta	age of st	udents	who cur	rently s	moked c	eigarette	s (on at	least 1 d	lay duri	ng the 3	30 days	before t	he			
											12.7	9.2	8.9	5.5	Decreased, 2013-2018	Not available¶	Decrease
QNFRCI days befo			of stud	ents wh	o curren	ntly smo	ked ciga	arettes fi	requentl	y (on 20	or mor	e days	during t	ne 30			
		,									4.4	2.1	2.2	1.0	Decreased, 2013-2018	Not available	Decrease
QNDAY before th			ge of st	udents v	vho curi	rently sn	noked ci	igarettes	s daily (on all 30	0 days d	uring th	ne 30 da	ys			:
											2.6	1.8	1.7	1.0	Decreased, 2013-2018	Not available	No change
QN34: F																	,
eGo, and						-						-	-				

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

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

Maryland High School Survey Carroll County Trend Analysis Report

White* **Tobacco Use Health Risk Behavior and Percentages** Linear Change[†] Quadratic Change[†] Change from 2016-2018 § 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QN35: Percentage of students who currently used an electronic vapor product (including e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs, and hookah pens [such as blu, NJOY, Vuse, MarkTen, Logic, Vapin Plus, eGo, and Halo], on at least 1 day during the 30 days before the survey) 20.3 19.7 31.4 Increased, 2014-2018 Not available ¶ Increased QNFREVP: Percentage of students who currently used electronic vapor products frequently (on 20 or more days during the 30 days before the survey) 3.4 11.9 Increased, 2014-2018 Not available Increased QNDAYEVP: Percentage of students who currently used electronic vapor products daily (on all 30 days during the 30 days before the survey) 2.6 Not available 3.0 8.8 Increased, 2014-2018 Increased QNTB5: Percentage of students who currently smoked cigarettes or used electronic vapor products (on at least 1 day during the 30 days before the survey) Increased, 2014-2018 Not available 22.0 32.0 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																
				H	lealth R	Risk Bel	navior a	nd Pero	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
such as	Percenta a conve among s	enience	store, su	permarl	ket, disc	ount sto	re, gas s	station, d	or vape	store, d	uring th	e 30 day					
													9.3	6.8	No linear change	Not available¶	No chang
issolva	Percenta ble toba oducts,	cco pro	ducts [st	ich as C	Copenha	gen, Gri	izzly, Sk	coal, or (Camel S					nic			
													8.2	4.4	Decreased, 2016-2018	Not available	Decrease
	Percenta he 30 da				rently si	noked c	igars (c	igars, ci	garillos,	or little	e cigars,	on at le	ast 1 da	у			

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

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

Maryland High School Survey Carroll County Trend Analysis Report

White* Tobacco Use

Health Risk Behavior and Percentages

Linear Change[†]

Quadratic Change[†]

Change from 2016-2018 §

1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018

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

17.3 13.0 12.6 9.1 Decreased, 2013-2018

Not available¶

Decreased

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

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

Not enough years of data to calculate.

White* Alcohol and Oth	her Drug	g Use	Н	ealth R	tisk Beh	navior a	nd Pero	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991 1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	8		
QN40: Percenta	age of st	udents v	vho had	their fi	rst drink	of alco	hol befo	ore age 1	13 years	(other	than a f	ew sips)			
										15.3	13.4	11.9	9.1	Decreased, 2013-2018	Not available¶	Decreased
QN41: Percenta the 30 days befo			vho curi	ently di	rank alc	ohol (at	least on	e drink	of alcol	nol, on a	at least 1	day dı	ıring			
Ž		3,								34.7	29.1	32.8	28.8	Decreased, 2013-2018	Not available	No change
QN42: Percenta																
female students day during the 3					on in a re					•						

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

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

White* Alcohol	and Ot	her Dru	ıg Use														
				H	Iealth F	Risk Bel	navior a	nd Per	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN45:	Percent	age of s	tudents	who eve	r used r	narijuan	a (one c	or more	times du	iring the	eir life)						
											28.2	26.7	28.4	26.2	No linear change	Not available¶	No change
QN46:	Percent	age of s	tudents	who trie	d mariji	ıana for	the first	time be	efore ago	e 13 yea	ars						
											4.8	3.8	4.3	3.8	No linear change	Not available	No change
QN47: survey)	Percent	age of s	tudents	who cur	rently u	sed mar	ijuana (d	one or n	nore tim	es durir	ng the 30) days b	efore th	e			
sur (ey)											17.5	16.0	17.9	16.5	No linear change	Not available	No chang
QN48:	Percent	age of s	tudents	who eve	r used s	ynthetic	marijua	ana (one	or more	e times	during t	heir life	e)				
												8.9	5.9	4.0	Decreased, 2014-2018	Not available	Decrease

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

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

	and Ot		g cuc	H	lealth R	Risk Beh	avior a	nd Pero	centages	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
differer	tly than	how a d	octor to	ld them	to use it	rescripti t (counti during t	ng drug	s such a									
													13.0	10.5	Decreased, 2016-2018	Not available [¶]	Decrease
	Percenta nore tim				r used c	cocaine (any fori	n of coo	caine, in	cluding	powder	, crack,	or freeb	oase,			
											5.3	3.1	4.6	2.6	Decreased, 2013-2018	Not available	Decrease
	Percentaring the		udents v	who eve	r used h	neroin (a	lso calle	ed "smao	ck," "jur	ık," or "	'China V	White,"	one or n	nore			
			udents	who eve	r used h	eroin (a	lso calle	ed "smao	ck," "jur	nk," or "	'China V	White," (one or n	nore	Decreased, 2013-2018	Not available	No chang
QN53:	aring the	eir life) age of si	udents v	who eve	r used n	nethamp	,				3.8	1.7	1.7	1.3	Decreased, 2013-2018	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.

White* Alcohol a	and Oth	ner D	rug	Use	Н	lealth R	Risk Beh	navior a	nd Pero	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	5	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	201	8		
QN54: I	Percenta	age of	f stu	dents v	vho eve	r used e	cstasy (also call	ed "MD	MA," o	one or m	ore tim	es durir	g their	life)			
												7.2	4.2	4.5	2.7	Decreased, 2013-2018	Not available [¶]	Decrease
							ed any il	legal dr	ug (used	l a need	le to inj		-	,		Decreased, 2013-2018	Not available¶	Decrease
QN56: I							ed any il	legal dr	ug (usec	l a need	le to inj		-	,		Decreased, 2013-2018 No linear change	Not available¶ Not available	Decrease No chang
body, on	e or mo	ore tim	nes o	during	their lif	e)				,		ect any 2.7	illegal	drug into	o their			
	e or mo	age of	nes o	during dents v	their lif	e)				,		ect any 2.7	illegal	drug into	o their			

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

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

White* Sexual B	Behavioi	rs															
				H	Health F	Risk Bel	navior a	nd Per	centage	S					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN58:	Percenta	age of st	tudents	who eve	er had se	exual int	ercourse	2			32.4	26.0	30.0	29.7	No linear change	Not available [¶]	No chang
QN59:	Percenta	age of st	tudents	who had	l sexual	intercou	arse for	the first	time be	fore ag	e 13 yea	ars					,
											2.6	2.2	2.5	2.0	No linear change	Not available	No chang
QN60:	Percenta	age of st	tudents	who hac	l sexual	intercou	ırse with	n four o	r more p	ersons	during	their life)				
											7.7	5.0	5.3	6.0	No linear change	Not available	No chang
	Percenta he 3 mos					ntly sexi	ually act	tive (had	l sexual	interco	ourse wi	th at lea	st one p	erson,			
											23.7	18.7	22.9	22.7	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.

White* Sexual B	Behavio:	rs															
				H	Iealth F	Risk Bel	navior a	nd Per	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN62:					nk alcol	nol or us	sed drug	s before	last sex	cual inte	ercourse	(amon	g studer	nts			
											24.3	26.1	23.7	21.6	No linear change	Not available¶	No change
QN63:	Percent y sexual	age of s	tudents	who use	d a cond	dom dur	ring last	sexual i	ntercou	rse (am	ong stud	dents w	no were				ı
											64.2	54.1	59.9	52.1	Decreased, 2013-2018	Not available	Decrease
QN64:	Percent	age of s	tudents ere curre	who use	d birth o	control p	oills bef	ore last	sexual i	ntercou	rse (to p	prevent	pregnan	cy,			,
											27.4	31.6	31.6	36.2	Increased, 2013-2018	Not available	No change
QNIUD or Nexp																	
,											0.8	1.1	3.6	4.1	Increased, 2013-2018	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.

				H	lealth R	Risk Bel	navior a	nd Per	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
control	PARG: 1 ring (suc y sexual	ch as Nu	vaRing)														
											3.1	3.3	1.9	2.2	No linear change	Not available¶	No chan
			_	_	1	1.1.1.41.	. 1	*11									
implant control	HPL: I (such as ring (suc y sexual	s Implan ch as Nu	on or N vaRing)	explano	n); or a	shot (su	ich as Ď	epo-Pro	vera), p	atch (su	ch as C	rthoEvi	a), or bi		Increased, 2013-2018	Not available	No chan
QNDUA Depo-Pr	(such as ring (suc	s Implan ch as Nu ly active Percenta uch as M patch (s	on or N evaRing) e) age of st lirena or uch as (expland before udents r ParaG OrthoEv	n); or a last sex who use ard) or i ra), or b	shot (su ual inter d both a mplant virth con	condor (such as	epo-Pro (to prev m during Implan	g last secon or N	atch (su gnancy, xual inte	31.3 ercourse	36.0 e and bin shot (si	a), or bi who we 37.2 th contrach as	42.5 ol	Increased, 2013-2018	Not available	No char

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

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

Maryland High School Survey Carroll County Trend Analysis Report

White* **Sexual Behaviors Health Risk Behavior and Percentages** Linear Change[†] Quadratic Change[†] Change from 2016-2018 § 1991 1993 1995 1997 1999 2001 2003 2011 2013 2014 2005 2007 2009 2016 2018 QNBCNONE: Percentage of students who did not use any method to prevent pregnancy during last sexual intercourse (among students who were currently sexually active) 11.0 12.0 9.9 10.4 No linear change Not available ¶ No change QN84: Percentage of students who were ever tested for human immunodeficiency virus (HIV) (not counting tests done if they donated blood) 7.1 8.8 9.3 Increased, 2014-2018 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.

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

Not enough years of data to calculate.

				H	Iealth R	Risk Bel	avior a	nd Pero	centages	S					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
		entage o										tile for l	oody ma	ss			
											11.8	12.5	13.8	13.2	No linear change	Not available	No chang
		rcentago erence d							le for bo	ody mas	ss index	, based 8.6	on sex-	and 8.9	No linear change	Not available	No chanş
age-spec	eific refe		ata from	n the 200	00 CDC	growth	charts)	ĺ			9.0				No linear change	Not available	No chanş
age-spec	eific refe	erence d	ata from	n the 200	00 CDC	growth	charts)	ĺ			9.0				No linear change No linear change	Not available Not available	No chan
QN67:	eific refe	age of st	ata from	who des	cribed th	growth	charts)	ghtly or	very ov	verweigl	9.0 ht 26.8	26.3	9.4	26.2			

^{*}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.

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

J	J		nd Dieta	-	lealth R	isk Beh	avior a	nd Perc	centages	S					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
)N70: 1	Percenta	ge of st	udents v	who did	not eat	fruit (on	e or mo	re times	during	the 7 da	ays befo	ore the s	urvey)				
											11.5	11.2	11.3	11.8	No linear change	Not available¶	No chang
					id not ea		r drink 1	.00% fr	uit juice	es (such	as oran	ge juice	, apple j	uice,	,		
					id not ea		r drink 1	00% fr	uit juice	es (such	as oran	ge juice	, apple j	uice, 7.3	Increased, 2013-2018	Not available	No chang
r grape	juice, d	uring th	e 7 days	s before	the surv	rey)					5.5	6.4	6.8		Increased, 2013-2018	Not available	No chang
or grape ONFR1:	juice, d	uring th	e 7 days	s before		rey) r drank	 100% fr	uit juice	es one o		5.5	6.4	6.8		Increased, 2013-2018	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.

				I	Health F	Risk Bel	navior a	nd Per	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
					te fruit o					or more	times pe	er day (such as				
											29.5	25.9	26.0	24.1	Decreased, 2013-2018	Not available [¶]	No chang
QN71:	Percent	age of st	udents	who did	l not eat	green sa	alad (on	e or moi	re times	during	the 7 da	ys befo	re the su	ırvey)			
											32.5	35.6	37.3	41.3	Increased, 2013-2018	Not available	Increase
	Percent	age of st	udents	who did	l not eat	potatoe	s (one or	r more t	imes du	ring the	7 days	before t	he surv	ey)			,
QN72:											27.9	31.9	33.8	35.8	Increased, 2013-2018	Not available	No chang
QN72:																	
	Percent	age of st	udents	who did	l not eat	carrots	(one or	more tin	nes duri	ng the 7	days b	efore th	e survey	<i>y</i>)			

^{*}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.

				H	lealth R	Risk Bel	navior a	nd Pero	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN74: I survey)	Percenta	age of st	udents v	who did	not eat	other ve	egetable	s (one o	r more t	imes du	iring the	7 days	before	the			
sui vey)											12.6	13.0	14.1	14.0	No linear change	Not available [¶]	No chang
	.			:		:-	:-					o Enone	h fries	fried			
QNVEG potatoes,												4.3	5.1	5.8	No linear change	Not available	No chan
potatoes,	, or pota	nto chips	s], carro	ts, or ot	ner vege	etables,	during t	he 7 day	s before	e the su	5.4	4.3	5.1	5.8	No linear change	Not available	No chan
	or pota	entage	s], carro	ts, or other	ate vege	etables,	during to	he 7 day	es per d	ay (gree	5.4 en salad	4.3 , potato	5.1 es [excl	5.8 uding	No linear change	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.

				H	lealth R	disk Bel	navior a	nd Pero	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
												l, potato efore the					
											27.9	25.9	24.3	21.6	Decreased, 2013-2018	Not available¶	No chang
												nd, potat ne 7 days 10.7		the 8.8	Decreased, 2013-2018	Not available	No chang
excludi survey) QN75:	ng Fren	ch fries,	fried po	who did	or potat	o chips]	, carrots	or glass	er veget	ables, d	uring th	ne 7 days	s before 10.5	8.8	Decreased, 2013-2018	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.

				I	Iealth F	Risk Bel	navior a	and Pero	centage	es					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991 1	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
										-							
NSODA												ore time	es per da				
NSODA uch as C												ore time	es per da		Decreased, 2013-2018	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.

				H	lealth R	Risk Bel	navior a	nd Per	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
cind of p	Percenta physical fore the	activity	that inc														
-		•									48.8	47.3	45.2	48.6	No linear change	Not available¶	No chan
												.,					
day (ii	DAY: In any kin	nd of ph	ysical a	ctivity t							f physic	al activ	ity on a				
day (iı	n any kii	nd of ph	ysical a	ctivity t							f physic	al activ	ity on a			Not available	No chan
day (industrial day) (i	n any kii	end of ph es before Percenta activity	ysical a e the sur	ctivity to vey)	hat incre	eased th	eir heart	t rate an	d made	ninutes	physic reathe he 12.2 per day	eal active ard son 12.5	ity on a ne of the 13.6	14.9		Not available	,

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

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

Physical Activity	y		Н	ealth R	isk Beh	avior a	nd Perc	centages	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991 1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QN79: Percenta	ge of stu	ıdents v	ho wat	ched tel	evision	3 or mo	re hours	s per day	y (on an	averag	e schoo	l day)	•			
										23.3	20.4	18.2	15.2	Decreased, 2013-2018	Not available¶	Decrease
							:-		-	-						
QN80: Percenta (counting time sp Instagram, Faceb	pent on t	hings s	uch as 2	Kbox, Pl	layStatio	on, an iF	ad or of	ther tabl	let, a sm	nartphor	ne, texti	ng, You	Tube,	Increased, 2013-2018	Not available	Increase
counting time sp	pent on toook, or	other so	uch as 2 ocial me	Kbox, Pl edia, for	ayStation someth	on, an iF ing that	ad or of was not	ther tabl	let, a sm work, o	nartphor on an av 29.6	ne, texti erage so 34.6	ng, You chool da 35.2	Tube, ny) 41.4	Increased, 2013-2018	Not available	Increase

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

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

Maryland High School Survey Carroll County Trend Analysis Report

White* **Physical Activity Health Risk Behavior and Percentages** Linear Change[†] Quadratic Change[†] Change from 2016-2018 § 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 QNDLYPE: Percentage of students who attended physical education (PE) classes on all 5 days (in an average week when they were in school) 19.2 19.4 18.7 18.3 No linear change Not available ¶ 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) 14.7 15.1 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.

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

Not enough years of data to calculate.

White* Other																	
				H	Iealth R	kisk Beh	avior a	nd Pero	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN86: I						st (for a	check-ı	ıp, exan	ı, teeth	cleaning	g, or oth	er denta	al work	,			
during u	12 m	onuis o	orore the	survey	,							82.8	85.4	84.7	No linear change	Not available [¶]	No change
QNNOD work)	NT: Po	ercentag	ge of stu	dents w	ho neve	r saw a o	dentist (for a che	eck-up,	exam, t	eeth cle	aning, o	or other	dental	,		
work)												0.5	1.0	0.9	No linear change	Not available	No change
QN87: 1	Percenta	age of st	tudents v	who had	l ever be	en told	by a doo	ctor or n	urse tha	it they h	ad asthi	na					
											22.4	20.7	22.9	23.4	No linear change	Not available	No change

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

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

Maryland High School Survey Carroll County Trend Analysis Report

White*

				I	Iealth F	Risk Bel	navior a	nd Per	centage	S					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN90:	Percenta	age of st	tudents	who are	transge	nder							1.7	1.4	No linear change	Not available¶	No change
						cell pho			g (on at	least 1	day duri	ing the		33.6	No linear change	Not available	No change
QN94:	Percenta	age of st	tudents	who sm	oked a v	whole ci	garette l	pefore a	ge 13 ye	ears (for	the first	t time)	4.7	2.7	Decreased, 2013-2018	Not available	Decreased
				who smo		pacco in	a hooka	nh, narg	nile, or o	other typ	pe of wa	aterpipe	(on at le	2.3	No linear change	Not available	No change

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

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

Maryland High School Survey Carroll County Trend Analysis Report

White* Site-Added **Health Risk Behavior and Percentages** Linear Change[†] Quadratic Change[†] Change from 2016-2018 § 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QN99: Percentage of students who usually use a kind of flavoring other than tobacco flavor with an electronic vapor product (among students who have ever used an electronic vapor product) 96.8 98.9 97.8 No linear change Not available ¶ No change QN101: Percentage of students who have ever used an electronic vapor product to smoke marijuana, THC or hash oil, or THC wax Not available 9.5 16.6 Increased, 2016-2018 Increased QN102: Percentage of students who think they definitely or probably will smoke a cigarette, cigar, cigarillo, or little cigar in the next year 17.5 13.5 Decreased, 2016-2018 Not available Decreased QN103: Percentage of students who used flavored tobacco products (flavored cigars, cigarillos, or little cigars, flavored smokeless tobacco products, or both, not counting menthol cigarettes, during the 30 days before the survey) Decreased, 2013-2018 Not available No change 13.7 11.6 8.1

^{*}Non-Hispanic.

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

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

Not enough years of data to calculate.

Maryland High School Survey Carroll County Trend Analysis Report

White* Site-Added **Health Risk Behavior and Percentages** Linear Change[†] Quadratic Change[†] Change from 2016-2018 § 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QN104: Percentage of students who tried or used tobacco products for the first time (during the 12 months before the survey) Not available ¶ 12.1 10.0 8.8 Decreased, 2014-2018 No change QN105: Percentage of students who completely quit using all tobacco products (during the 12 months before the survey, among students who used tobacco products during the 12 months before the survey) Decreased, 2013-2018 Not available Decreased 32.0 39.1 32.7 8.0 QN106: Percentage of students who live with someone who now smokes cigarettes or cigars 36.1 31.5 29.2 29.4 Decreased, 2013-2018 Not available No change QN107: Percentage of students who report the rule about smoking inside their home is that smoking is not allowed anywhere inside their home (not counting decks, garages, or porches) 85.4 85.3 No linear change Not available No change

^{*}Non-Hispanic.

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

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

Not enough years of data to calculate.

Maryland High School Survey Carroll County Trend Analysis Report

White* Site-Added **Health Risk Behavior and Percentages** Linear Change[†] Quadratic Change[†] Change from 2016-2018 § 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QN108: Percentage of students who were in the same room with someone who was smoking (on at least one day during the 7 days before the survey) No linear change Not available ¶ No change 26.8 26.4 QN110: Percentage of students who were taught in their classes about the dangers of tobacco use (during the last school year) 77.0 72.6 73.8 68.3 Decreased, 2013-2018 Not available Decreased QN117: Percentage of students who say definitely yes or probably yes that young people who smoke have more friends 24.2 20.2 24.9 32.1 Increased, 2013-2018 Not available Increased QN118: Percentage of students who say definitely yes or probably yes that smoking makes young people look cool or fit in 16.8 11.5 15.5 22.3 Increased, 2013-2018 Not available Increased

^{*}Non-Hispanic.

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

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

Not enough years of data to calculate.

Maryland High School Survey Carroll County Trend Analysis Report

White* Site-Added

Health Risk Behavior and Percentages

Linear Change[†] Quadra

Quadratic Change[†]

Change from 2016-2018 §

1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018

QN119: Percentage of students who would feel comfortable seeking help from one or more adults besides their parents if they had an important question affecting their life

83.0 84.1 81.8 82.0

No linear change

Not available[¶]

No change

^{*}Non-Hispanic.

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

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

Not enough years of data to calculate.

Maryland High School Survey Carroll County Trend Analysis Report

Hispanic **Injury and Violence Health Risk Behavior and Percentages** Linear Change* Quadratic Change* Change from 2016-2018 [†] 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QN9: Percentage of students who rode with a driver who had been drinking alcohol (in a car or other vehicle, one or more times during the 30 days before the survey) 29.2 27.6 17.3 22.1 Decreased, 2013-2018 Not available§ No change QN13: Percentage of students who carried a weapon on school property (such as a gun, knife, or club, on at least 1 day during the 30 days before the survey) 14.8 9.5 8.2 13.3 No linear change Not available No change QN14: Percentage of students who carried a gun (not counting the days when they carried a gun only for hunting or for a sport such as target shooting, on at least 1 day during the 12 months before the survey) 11.9 9.9 No linear change Not available No change

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

				Н	alth Ri	isk Beha	avior ar	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	<u> </u>		
QN16: knife, o										on scho	ol prope	erty (suc	ch as a g	gun,			
											19.5	15.7	8.5	13.5	Decreased, 2013-2018	Not available§	No change
	Percenta before t			who wer	e in a pl	hysical f	fight on	school	property	(one of	r more t	imes du	ring the	12			
											26.4	18.1	11.8	15.5	Decreased, 2013-2018	Not available	No change
QN23:	Percenta	age of st	udents v	who wer	e bullie	d on sch	ool pro	perty (e	ver duri	ng the 1	2 mont	hs befor	e the su	rvey)			
QN23:	Percent	age of st	udents	who wer	e bullie	d on sch	nool pro	perty (e	ver duri	ng the 1	2 mont	hs before 28.3	27.8	33.1	No linear change	Not available	No change
QN24:	Percent	age of st	udents v	who wer	e electro	d on sch	bullied	(counti	ng being	g bullied	40.3	28.3	27.8	33.1	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.

g y	d Viole			Н	ealth Ri	isk Beh	avior ar	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
			udents v								eks in a	row so	that the	у			
	doning st	Offic aba	ar activi		or auring	5 1110 12	momm	CCIOIC	tile bai	<i>- j j</i>							
поррец											42.4	29.1	35.9	41.6	No linear change	Not available [§]	No change
	Percenta	age of st	udents v	who seri	ously co	onsidere	ed attem	nting su	icide (e	ver duri					No linear change	Not available [§]	No change
	Percenta	age of st	udents v	who seri	ously co	onsidere	ed attem	pting su	icide (e	ver duri					No linear change	Not available [§]	No change
QN26:	Percenta	age of st	tudents v	who seri	ously co	onsidere	ed attem	pting su	icide (e	ver duri					No linear change	Not available [§] Not available	No change
QN26: survey)		age of st	udents v								ng the 23.6	12 mont	hs befo	re the 30.1			

^{*}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.

[§]Not enough years of data to calculate.

lispanic 'obacco	Use																
				Н	ealth R	isk Beh	avior ar	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	<u>-</u>		
QN32: Survey)	Percent	age of s	tudents	who cur	rently s	moked c	eigarette	s (on at	least 1 o	lay duri	ing the 3	30 days	before t	he			
											23.0	14.7	11.0	12.5	Decreased, 2013-2018	Not available [§]	No change
		rcentage survey)		ents wh	o currer	ntly smo	ked ciga	rettes fi	requentl	y (on 20	or moi	re days	during t	he 30			
,											9.3	6.7	2.9	4.4	Decreased, 2013-2018	Not available	No change
	CIG: I		ige of st	udents v	vho curi	rently sn	noked ci	igarettes	s daily (on all 30	0 days d	luring th	ne 30 da	ys			
											6.4	6.7	2.9	4.0	Decreased, 2013-2018	Not available	No change
	es, vapi	ing pens				an electr h pens [
												36.1	43.8	51.0	Increased, 2014-2018	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.

obacco				Н	ealth R	isk Beha	avior aı	nd Perc	entages						Linear Change*	Quadratic Change [*]	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
e-pipes,	Percenta vape pi o, and I	pes, vap	ing pen	s, e-hoo	kahs, an	d hooka	h pens	[such as	blu, NJ								
												23.7	16.8	33.0	No linear change	Not available [§]	Increased
	EVP: Pe				o currer	ntly used	l electro	onic vap	or produ	icts freq	quently ((on 20 c	or more	days			
												7.8	6.9	10.8	No linear change	Not available	No change
	YEVP:			udents v	who cur	rently us	sed elec	tronic v	apor pro	oducts d	aily (on	all 30 c	lays dur	ring			
												7.0	5.4	9.3	No linear change	Not available	No change
ONTRS	5: Percei		student before tl			smoked	l cigaret	tes or u	sed elec	tronic v	apor pro	oducts	(on at le	east 1			
	me me .																

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

[§]Not enough years of data to calculate.

Hispanic Tobacco																	
				H	ealth Ri	isk Beha	avior an	id Perce	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN37: dissolva vapor pr	ble toba	cco pro	ducts [si	uch as C	Copenha	gen, Gri	zzly, Sk	oal, or	Camel S					nic			
													9.3	9.6	No linear change	Not available [§]	No change
QN38: during the					rently si	noked c	igars (ci	gars, ci	garillos,	, or little	e cigars,	on at le	east 1 da	ıy			
											19.6	13.7	10.3	13.4	No linear change	Not available	No change
QNTB2 before the			student	s who c	urrently	smoked	cigaret	tes or ci	gars (or	at leas	t 1 day o	during t	he 30 da	ays	,		,
											28.9	19.2	15.1	18.5	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.

Hispanic Alcohol a	nd Oth	er Druş	g Use	.,	aalth D	alr Dab	oviou o	nd Dono	t						Lincon Chongs*	Overductio Change*	Changa from
				п	eann K	isk den	avior ai	na Perc	entages	i					Linear Change [*]	Quadratic Change*	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN40: 1	Percenta	age of s	tudents	who hac	l their fi	rst drink	c of alco	hol befo	ore age	13 years	s (other	than a f	ew sips)			
											34.8	21.2	21.4	21.2	Decreased, 2013-2018	Not available [§]	No change
QN41: 1 the 30 da				who cur	rently d	rank alc	cohol (at	least or	ne drink	of alco	hol, on	at least	1 day d	uring			
											37.7	28.6	25.2	29.0	No linear change	Not available	No change
QN42: I female s day duri	tudents	or five	or more	drinks o	of alcoh										,		,
													17.1	17.9	No linear change	Not available	No change

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

[§]Not enough years of data to calculate.

Hispanic Alcohol a		er Druş	g Use														
				Н	ealth R	isk Beh	avior aı	nd Perc	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN45:	Percent	age of st	tudents	who eve	er used 1	narijuan	ia (one c	or more	times du	aring the	eir life)						
											37.3	32.3	29.1	34.5	No linear change	Not available [§]	No change
QN46:	Percent	age of st	tudents	who trie	d marij	uana for	the firs	t time b	efore ag	e 13 yea	ars						
											17.1	9.9	9.9	12.7	No linear change	Not available	No change
QN47: survey)	Percent	age of st	tudents	who cur	rently u	sed mar	ijuana (one or n	nore tim	es durir	ng the 3	0 days l	pefore tl	ne			
•											21.4	19.8	19.8	24.7	No linear change	Not available	No change
QN48:	Percent	age of st	tudents	who eve	er used s	synthetic	mariju	ana (one	e or mor	e times	during	their life	e)				
												15.0	7.8	12.7	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.

				Н	ealth Ri	isk Beha	avior an	d Perce	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
differen	tly than	how a d	loctor to	who eve old them e or mor	to use it	t (counti	ng drug	s such a									
													18.4	21.8	No linear change	Not available [§]	No change
		age of st		who ever	r used c	ocaine (any forr	n of coc	caine, in	cluding	powder	r, crack,	or free	base,	, .		
											17.8	14.5	11.0	14.9	No linear change	Not available	No change
			1 .	who ava	rused h	eroin (a	leo aella	d "emac	·k " "iur	nk " or "	'China V	White "	one or	more	,		:
	Percenta uring the		udents	who eve	i useu II	icioni (a	iso cane	a sina	zk, jui	ik, oi	Cillia	, into,	one or				
			tudents	wno eve	i uscu II	eroiii (a	iso cane	u sina	ok, jui	ik, oi		11.1	6.2	10.3	No linear change	Not available	No change
QN53:	ring the	eir life) age of st	tudents v	who ever	r used n	nethamp					17.9	11.1	6.2	10.3	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.

Hispanic Alcohol a		er Druș	g Use	Н	ealth Ri	isk Beh	avior ar	nd Perc	entages						Linear Change [*]	Quadratic Change*	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN54: I	Percenta	age of s	tudents v	who eve	r used e	cstasy (also call	led "ME	MA," c	one or m	nore tim	es durir	g their	life)			
											19.6	13.8	10.6	13.8	No linear change	Not available [§]	No change
QN56: I body, on						ed any il	legal dr	ug (used	d a need	le to inj	ect any	illegal	drug int	o their			
body, on	ie or mo	ne ume	s during	uien in	.e)						15.5	9.3	6.7	7.2	Decreased, 2013-2018	Not available	No change
QN57: I	Percenta	age of s	tudents v	who wei	re offere	ed, sold,	or give	n an ille	gal drug	on sch	ool proj	perty (d	uring th	e 12			-
months b	before tl	he surve	ey)								39.1	30.1	19.5	29.5	No linear change	Not available	Increased

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

[§]Not enough years of data to calculate.

Maryland High School Survey Carroll County Trend Analysis Report

Sexual Behaviors Health Risk Behavior and Percentages Linear Change* Quadratic Change* Change from 2016-2018 [†] 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 QN58: Percentage of students who ever had sexual intercourse 30.1 30.3 33.9 31.6 No linear change Not available§ No change QN59: Percentage of students who had sexual intercourse for the first time before age 13 years 9.6 8.2 8.3 7.8 No linear change Not available No change

10.8

19.6

8.4

21.7

9.0

26.6

12.8

20.3

No linear change

No linear change

QN60: Percentage of students who had sexual intercourse with four or more persons during their life

QN61: Percentage of students who were currently sexually active (had sexual intercourse with at least one person,

during the 3 months before the survey)

Hispanic

No change

No change

Not available

Not available

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

[§]Not enough years of data to calculate.

Hispanic Sexual Be	ehaviors	S															
				Н	ealth Ri	isk Beha	ovior an	d Perco	entages						Linear Change [*]	Quadratic Change*	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN84: I				who we	re ever t	ested fo	r human	immun	odeficie	ency vir	us (HIV) (not c	ounting	tests			
												14.0	16.9	20.3	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.

				Н	ealth R	isk Beha	avior an	d Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	•		
						erweigh data fro						tile for t	ody ma	ss			
											15.0	14.8	19.6	16.4	No linear change	Not available¶	No change
						besity (>			le for bo	ody mas	ss index	, based	on sex-	and	,		
											14.5	12.5	11.6	12.2	No linear change	Not available	No change
QN67:	Percenta	age of st	udents	who des	cribed t	hemselv	es as sli	ghtly or	very ov	verweigl	ht		;	:			
											30.1	31.0	32.2	26.1	No linear change	Not available	No change
	Percenta he surve		tudents v	who did	not drii	nk fruit j	uice (10	00% frui	t juices	one or i	more tin	nes duri	ng the 7	days	,		

^{*}Based on trend 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.

Not enough years of data to calculate.

Hispanic Weight N		ment an	nd Dieta	ıry Beha	aviors												
				Н	ealth R	isk Beh	avior aı	nd Perc	entages	}					Linear Change*	Quadratic Change*	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN70:	Percent	age of s	tudents	who did	l not eat	fruit (or	ne or mo	ore time	s during	the 7 d	ays befo	ore the s	urvey)				
											30.6	15.6	19.4	17.6	No linear change	Not available [§]	No change
QNFR0 or grape		_					or drink	100% fi	ruit juice	es (such	as oran	ge juice	, apple	juice,	,		-
6 .Y	, , , , , , , , , , , , , , , , , , ,	8.									18.8	9.7	14.5	11.7	No linear change	Not available	No change
QNFR1 orange j										or more	times p	er day (such as				
											49.5	52.7	49.7	50.8	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.

Hispanic Weight M	Ianage	ment ar	nd Dieta	ry Beha	aviors												
				Н	ealth R	isk Beh	avior aı	nd Perc	entages						Linear Change [*]	Quadratic Change*	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QNFR2: orange ju										or more	times p	er day (such as				
											30.8	29.9	23.7	24.0	No linear change	Not available [§]	No change
QN71: I	Percent	age of s	tudents	who did	not eat	green sa	alad (on	e or mo	re times	during	the 7 da	ays befo	re the s	urvey)			
											42.3	43.2	51.4	45.5	No linear change	Not available	No change
QN72: I	Percent	age of s	tudents	who did	not eat	potatoe	s (one o	r more t	imes du	ring the	7 days	before	the surv	ey)			
											38.4	36.6	43.2	39.2	No linear change	Not available	No change
QN73: I	Percent	age of s	tudents	who did	not eat	carrots	(one or	more tir	nes duri	ng the 7	days b	efore th	e surve	y)			
											52.3	58.1	58.0	50.1	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.

				Н	ealth Ri	sk Beha	avior an	d Perce	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN74: survey)	Percenta	age of st	udents v	who did	not eat	other ve	getables	(one or	more ti	imes du	ring the	7 days	before	the			
•											23.5	24.8	24.4	20.9	No linear change	Not available§	No change
	G0: Pero											ng Frenc	h fries,	fried	,		
potatoe												40.0	10.1	10.4	No linear change	Not available	
potatoe											14.8	10.3	12.1	12.4	No iniear change	Not available	No change
QNVE	G1: Pero										n salad	, potato	es [excl	uding	No filled 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.

				Н	ealth Ri	isk Beh	avior aı	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	<u> </u>		
												l, potatoe fore the					
											35.4	26.9	18.6	24.1	Decreased, 2013-2018	Not available§	No change
												nd, potatone 7 days		the			,
[excludi															Decreased, 2013-2018	Not available	Increased
[excludi survey)	ng Fren	age of si	fried po	otatoes, who did	or potat	o chips]	, carrots	or glass	er veget of soda	ables, d	18.6	ne 7 days	5.4	12.6	Decreased, 2013-2018	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.

				Н	ealth Ri	isk Beh	avior ar	nd Perco	entages	\$					Linear Change [*]	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
227000										:				•			
QNSODA such as C													y)	ay 13.3	No linear change	Not available [§]	No char
	Coke, P	Pepsi, or	Sprite,	ents wh	nting die	et soda o	or diet p	r glass o	of soda of	7 days be	21.4 wo or m	15.7	y) 13.7 es per d	13.3	No linear change	Not available [§]	No cl

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

[§]Not enough years of data to calculate.

Hispanic Physical		,															
				Н	ealth Ri	sk Beh	avior ar	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QN78: kind of p	physical	activity	that in														
j		•									32.0	41.6	30.3	39.8	No linear change	Not available [§]	No change
QNPA0 1 day (ir during th	n any ki	nd of ph	ysical a	ctivity t													
											25.7	20.4	24.6	21.3	No linear change	Not available	No change
QNPA7 kind of p	physical	activity	that in														
-											17.5	19.4	16.7	24.1	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.

Hispanic Physical <i>A</i>	Activity	•		Н	ealth R	isk Beh	avior ar	nd Perc	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	•		
QN79: I	Percenta	age of st	tudents	who wat	tched te	levision	3 or mo	re hour	s per da	y (on ar	n averag	e schoo	l day)				
											25.1	23.5	20.9	18.8	No linear change	Not available§	No change
QN80: F (counting Instagran	g time s	pent on	things s	such as 2	Xbox, P	layStati	on, an il	Pad or o	ther tab	let, a sn	nartpho	ne, texti	ng, Ŷou	Tube,			
											28.7	41.4	36.1	38.1	No linear change	Not available	No change
QN81: F					ended pl	nysical e	ducation	n (PE) c	lasses o	n 1 or r	nore da	ys (in aı	n averag	je			
											38.4	42.5	28.5	37.6	No linear change	Not available	No change

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

[§]Not enough years of data to calculate.

Maryland High School Survey Carroll County Trend Analysis Report

Hispanic **Physical Activity** Linear Change* **Health Risk Behavior and Percentages** Quadratic Change* Change from 2016-2018 [†] 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QNDLYPE: Percentage of students who attended physical education (PE) classes on all 5 days (in an average week when they were in school) 17.3 24.3 13.1 17.1 No linear change Not available§ 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) 15.9 20.7 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.

Hispanic Other																	
				Н	ealth R	isk Beh	avior aı	nd Perc	entages	3					Linear Change*	Quadratic Change [*]	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN86: I						ist (for a	check-	ıp, exan	n, teeth	cleaning	g, or oth	er denta	al work	,			
during u	IC 12 III	onuis o	erore und	survey	,							73.4	73.5	67.4	No linear change	Not available [§]	No change
QNNOD work)	NT: P	ercentag	ge of stu	dents w	ho neve	r saw a	dentist (for a ch	eck-up,	exam, t	eeth cle	aning, o	or other	dental			
												3.0	5.5	5.2	No linear change	Not available	No change
QN87: I	Percent	age of s	tudents	who hac	l ever be	een told	by a do	ctor or n	nurse tha	at they h	nad asthi	ma		. ,			
											32.6	32.3	30.9	28.4	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.

Maryland High School Survey Carroll County Trend Analysis Report

ispanic ite-Add				Н	ealth Ri	sk Beha	avior an	d Perce	entages						Linear Change [*]	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QN90:	Percenta	age of st	tudents v	who are	transgei	nder											
													6.1	4.6	No linear change	Not available [§]	No change

oil, or THC wax 11.6 17.4 No linear change Not available No change

6.4

8.9

No linear change

Not available

QN98: Percentage of students who smoked tobacco in a hookah, narghile, or other type of waterpipe (on at least 1

QN101: Percentage of students who have ever used an electronic vapor product to smoke marijuana, THC or hash

day during the 30 days 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.

Hispanic Site-Addo																	
				Н	ealth R	isk Beh	avior aı	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	201	8		
QN102: little cig				s who th	ink they	definite	ely or pi	obably	will smo	oke a ci	garette,	cigar, c	igarillo,	or			
													21.0	26.1	No linear change	Not available§	No change
QN103: flavored survey)																	
•											16.6	16.3	10.2	7.7	Decreased, 2013-2018	Not available	No change
QN104: the surv		ntage of	students	s who tri	ed or us	sed toba	cco prod	ducts for	r the firs	t time (during t	he 12 m	onths b	efore			
												13.3	8.9	6.9	Decreased, 2014-2018	Not available	No change
QN106:	Percen	ntage of	students	s who liv	ve with	someon	e who n	ow smo	kes ciga	rettes o	r cigars						
											33.0	32.0	28.5	32.0	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.

Hispanic Site-Adde	ed																
				Н	ealth R	isk Beh	avior aı	nd Perc	entages	i					Linear Change*	Quadratic Change [*]	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QN107: allowed											is that s	moking	is not				
													87.2	83.3	No linear change	Not available§	No change
QN108: during th					ere in th	ne same	room w	ith some	eone wh	o was s	moking	(on at 1	east one	e day	,		
J	·			•									22.8	31.5	No linear change	Not available	No change
QN110: school y		ntage of	students	s who w	ere taug	ght in the	eir classe	es about	the dan	igers of	tobacco	use (di	iring th	e last			
											68.4	65.7	63.5	73.3	No linear change	Not available	No change
QN117: friends	Percer	ntage of	students	s who sa	ay defin	itely yes	or prob	ably yes	s that yo	oung peo	ople wh	o smok	e have n	nore			
											52.7	34.2	37.1	40.4	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.

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				He	ealth Ri	isk Beha	avior ar	d Perce	entages						Linear Change*	Quadratic Change*	Change fro 2016-201
1991 1 N118: P	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	-					
ool or fit		age or s	students	wiio sa	y deiiiii	icly yes	or prob	ably yes	that sin		41.7	23.0	-	32.2	No linear change	Not available [§]	No chang

68.8 76.2 79.0 71.9

No linear change

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.