				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	-		
						-			-						-		
~	_	_	idents w				ho had	been dri	nking al	lcohol (i	in a car	or other	vehicle	, one			
~	_	_	idents w e 30 day				ho had	been dri	nking al	lcohol (i	in a car 20.9	or other	vehicle	e, one	Decreased, 2013-2018	Not available [§]	No change
~	_	_					ho had	been dri	nking al	lcohol (i					Decreased, 2013-2018	Not available [§]	No ch
QN10: I	Percentaring the	uring th	e 30 day	who dro	e the sur	or othe	r vehicle	e when t	they had	l been d	20.9	17.8	15.1 (one or	16.8 more	Decreased, 2013-2018	Not available [§]	No cha

^{*}Based on trend analyses using a logistic regression model controlling 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 an	d Perce	entages						Linear Change [*]	Quadratic Change*	Change from 2016-2018
991 1	993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
							while dr										
, ,											31.3	21.3	25.4	25.9	No linear change	Not available§	No change
						eapon o	n school	proper	y (such	as a gu	n, knife	, or club	o, on at l	east 1			
						eapon o	n school	proper	y (such	as a gu					1, 2012, 2019		No Table
centage of s the 30 days centage of s ort such as ta	days ge of s	t	udents v	ne surve	y) ried a gu	ın (not c	counting	the day	s when	they car	4.5 rried a g	5.4 gun only	8.5	6.5	Increased, 2013-2018	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.

Total njury ar	nd Viole	ence		Н	ealth Rì	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	-		
QN16: knife, o										on scho	ol prop	erty (su	ch as a	gun,			
											8.7	6.8	8.8	9.5	No linear change	Not available§	No change
QN18: months				who wer	re in a p	hysical	fight on	school	property	(one o	r more	times d	uring th	e 12			
											13.3	13.7	14.0	12.8	No linear change	Not available	No change
QN22: someon	e they w	ere dati		ing out	with [co	ounting	such thi	ngs as b	eing hit	, slamm	ed into	someth	ning, or	injured			

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

[§]Not enough years of data to calculate.

Total Injury and Violence		Н	ealth R	isk Beha	avior aı	nd Perce	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991 1993 19	95 199	7 1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	<u> </u>		
QN23: Percentage of	of studen	ts who we	re bullie	ed on sch	nool pro	perty (e	ver duri	ng the 1	2 mont	hs befor	re the su	rvey)			
									19.2	17.4	19.0	16.1	No linear change	Not available [§]	No change
QN24: Percentage of Facebook, or other s									d throug	h textir	ıg, Insta	gram,			
									13.5	12.9	14.6	14.7	No linear change	Not available	No change
QN25: Percentage of stopped doing some									eks in a	row so	that the	y			
									28.5	26.7	30.3	33.7	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.

				H	ealth R	isk Beha	avior ar	nd Perco	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991 19	993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
N26: Per	rcenta	ge of st	udents v	who seri	iously c	onsidere	d attem	pting su	icide (e	ver duri	ng the 1	2 mont	ns before	e the			
											0						
irvey)											17.3	15.3		17.1	No linear change	Not available [§]	No chang

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

[§]Not enough years of data to calculate.

Fotal 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	<u>-</u>		
QN32: survey)	Percent	age of s	tudents	who cur	rently s	moked c	eigarette	s (on at	least 1	lay duri	ng the 3	30 days	before t	he			
											12.6	8.7	9.2	4.2	Decreased, 2013-2018	Not available§	Decreased
QNFRC days bef				ents wh	o currer	ntly smo	ked ciga	rettes fi	requentl	y (on 20) or mor	e days	during t	he 30			
,		3,									4.3	2.6	2.2	0.4	Decreased, 2013-2018	Not available	Decreased
QNDAY before the			ige of st	udents v	who cur	rently sn	noked ci	igarettes	s daily (on all 30	O days d	uring th	ne 30 da	ys			
											2.9	1.8	1.7	0.3	Decreased, 2013-2018	Not available	Decreased
QN34: vape pip eGo, and	es, vap	ing pens															
												37.6	39.3	40.8	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.

Maryland High School Survey Baltimore County Trend Analysis Report

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 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) 19.9 14.5 23.9 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) 2.0 1.7 4.3 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) Not available 1.3 1.1 2.7 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) 19.7 25.7 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.

Solution Shared on t-test analysis, p < 0.05.

Shot enough years of data to calculate.

otal obacco	Use			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		
QN36: (such as survey,	a conve	enience	store, su	ıpermarl	ket, disc	ount sto	re, gas s	station,	or vape	store, d	uring th	e 30 day					
survey,	umong :	, rado iris	who cu	ironity (ased elec		ирог рг	oduces e	ina who	were a	gou (10	, y curs,	17.7	12.2	No linear change	Not available [§]	No change
QN37: dissolva vapor pr	ble toba	cco pro	ducts [si	uch as C	Copenha	gen, Gri	zzly, Sk	coal, or						nic			
													6.8	4.4	No linear change	Not available	Decreased
QN38: during t					rently si	noked c	igars (c	igars, ci	garillos,	, or little	e cigars,	on at le	ast 1 da	ıy			
3		•		• • • • • • • • • • • • • • • • • • • •							12.9	10.8	11.2	6.9	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.

[§]Not enough years of data to calculate.

Maryland High School Survey Baltimore County Trend Analysis Report

Total Tobacco Use

obacco l	U se			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	_		
QNTB2: before th		_	student	s who c	urrently	smoked	l cigaret	tes or ci	gars (on	at least	t 1 day d	luring th	ne 30 da	ys			
											19.0	14.9	15.2	9.0	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.

[§]Not enough years of data to calculate.

Total Alcohol a	and Oth	er Druş	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		
QN40:	Percent	age of s	tudents	who had	l their fi	rst drink	of alco	hol befo	ore age	13 years	s (other	than a f	ew sips)			
											18.4	17.0	17.7	14.8	Decreased, 2013-2018	Not available [§]	No change
QN41: the 30 d				who cur	rently d	rank alc	ohol (at	least or	e drink	of alcol	hol, on	at least	l day dı	ıring			
											32.6	25.0	26.5	22.3	Decreased, 2013-2018	Not available	No change
QN42: female s day duri	students	or five	or more	drinks o	of alcoho												
													13.1	11.0	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.

Alcohol a	ina Oth	ci Diug	, Osc	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		
QN45:	Percenta	age of st	udents v	who eve	er used n	narijuan	a (one o	or more	times du	ring the	eir life)						
											38.6	33.2	35.7	31.7	Decreased, 2013-2018	Not available [§]	No change
QN46:	Percenta	age of st	udents v	who trie	d mariji	ıana for	the first	t time be	efore ago	e 13 yea	ars	 -	<u> </u>				
											8.9	8.8	8.8	5.7	Decreased, 2013-2018	Not available	Decreased
QN47: survey)	Percenta	age of st	udents v	who cur	rently u	sed mar	ijuana (d	one or n	nore tim	es durin	ng the 30) days b	efore th	e			
											21.5	18.6	20.4	16.9	No linear change	Not available	No change
QN48:	Percenta	age of st	udents v	who eve	er used s	ynthetic	marijua	ana (one	e or more	e times	during t	heir life	e)				
												8.6	7.8	5.6	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.

Fotal 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									
													15.1	15.1	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,			
											5.6	4.9	5.5	4.0	Decreased, 2013-2018	Not available	No change
QN52: I			tudents	who eve	er used h	neroin (a	lso calle	ed "sma	ck," "jui	nk," or '	"China '	White,"	one or i	more			
											4.2	3.9	4.7	3.7	No linear change	Not available	No change
QN53: I							hetamir	nes (also	called	"speed,	" "cryst	al meth,	" "cranl	κ,"			
											3.7	4.1	5.6	3.0	No linear change	Not available	Decreased

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

[§]Not enough years of data to calculate.

Total Alcohol a	nd Oth	er Dru	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:	Percent	age of s	tudents	who eve	er used e	ecstasy (also call	ed "MD	MA," c	one or m	nore tim	es durir	g their	life)			
											7.8	6.3	5.9	4.3	Decreased, 2013-2018	Not available [§]	No change
QN56: body, or						ed any il	legal dr	ug (useo	l a need	le to inj	ect any	illegal	drug int	o their	, , , , , , , , , , , , , , , , , , , ,		
334, 31			o uurmg	, част та							2.9	3.5	4.4	4.0	No linear change	Not available	No change
QN57:				who we	re offere	ed, sold,	or give	n an ille	gal drug	g on sch	ool pro	perty (d	uring th	e 12			
											29.5	26.3	26.8	26.3	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.

Maryland High School Survey Baltimore County Trend Analysis Report

Total

Sexual B	ehaviors	s															
				Н	ealth R	isk Beh	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	<u> </u>		
QN58:	Percenta	age of s	tudents	who eve	r had se	exual int	ercourse	;			43.0	35.5	35.4	32.5	Decreased, 2013-2018	Not available [§]	No change
QN59:	Percenta	age of s	tudents	who had	sexual	intercou	rse for	he first	time be	fore age	e 13 yea 6.7	5.6	4.7	4.0	Decreased, 2013-2018	Not available	No change
QN60:	Percenta	age of s	tudents	who had	sexual	intercou	ırse with	four o	more p	ersons	during t	heir life	;				
											12.6	9.6	9.9	7.4	Decreased, 2013-2018	Not available	No change
QN61: during t					e curre	ntly sexu	ally act	ive (had	l sexual	interco	urse wit	th at lea	st one po	erson,			
											29.4	24.7	23.8	21.9	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.

Fotal Sexual B	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 we					nk alcol	nol or us	sed drug	s before	e last sex	xual inte	ercourse	e (amon	g studer	nts			
											22.8	20.3	20.9	20.1	No linear change	Not available [§]	No change
QN63: currentl				who use	ed a con	dom dur	ing last	sexual i	intercou	rse (am	ong stu	dents w	no were				
											59.1	61.6	57.8	52.9	No linear change	Not available	No change
QN64:							oills befo	ore last	sexual i	ntercou	rse (to p	prevent	pregnan	cy,			-
											20.4	18.0	21.3	18.8	No linear change	Not available	No change
QNIUD or Nexp active)																	
											1.9	3.2	2.6	1.8	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.

				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	_		
QNSHPA control r currently	ring (suc	ch as Nu	vaRing														
											4.1	5.4	3.7	4.0	No linear change	Not available§	No change
		-	-														
implant (control r	(such as ring (suc	Implan ch as Nu	on or NivaRing	explano	on); or a	shot (su	ich as D	epo-Pro	vera), p	atch (su	ich as C	OrthoEv	ra), or b				
QNOTH implant (control r currently	(such as ring (suc	Implan ch as Nu	on or NivaRing	explano	on); or a	shot (su	ich as D	epo-Pro	vera), p	atch (su	ich as C	OrthoEv	ra), or b		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 Baltimore County Trend Analysis Report

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§ 11.9 13.9 14.6 14.2 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) 14.9 17.1 15.1 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	ovior 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	-		
					were over							ile for t	ody ma	ss			
											15.8	14.4	14.9	16.7	No linear change	Not available¶	No change
					no had ol				le for bo	ody mas	ss index	, based	on sex-	and	,		
											12.0	12.4	15.2	13.2	No linear change	Not available	No change
															:		
QN67:	Percenta	age of st	udents v	who des	scribed th	hemselv	es as sli	ghtly or	very ov	erweigl	ht						
QN67:	Percenta	age of st	udents v	who des	cribed tl	hemselv	es as sli	ghtly or	very ov	erweigl	ht 27.0	24.6	27.5	28.2	No linear change	Not available	No change
QN69:		age of st			not drin	,	,				27.0				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.

[§]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 ar	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	ays befo	ore the s	ırvey)	•			
											16.0	17.8	17.8	17.3	No linear change	Not available§	No change
QNFR0							r drink	100% fr	uit juice	es (such	as oran	ge juice	, apple j	uice,	,		
QNFR0 or grape							r drink	100% fr	uit juice	es (such	as oran	ge juice 7.9	, apple j	uice, 8.9	Increased, 2013-2018	Not available	No change
	juice, d	luring th	e 7 days	s before	the surv	vey) or drank	100% fi	uit juice	es one o		6.4	7.9	9.4		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 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	_		
						or drank the 7 da				or more	times p	er day (s	such as				
											31.2	28.6	25.9	26.9	Decreased, 2013-2018	Not available§	No change
QN71:	Percenta	age of st	udents	who did	not eat	green sa	ılad (one	or mor	e times	during	the 7 da	ys befor	re the su	ırvey)			
											41.6	44.9	49.2	49.6	Increased, 2013-2018	Not available	No change
QN72:	Percenta	age of st	udents	who did	not eat	potatoes	s (one or	more ti	imes du	ring the	7 days	before t	he surve	ey)			
QN72:	Percenta	age of st	udents	who did	not eat	potatoes	s (one or	more ti	imes du	ring the	7 days 36.1	before t	he surve	ey) 43.3	Increased, 2013-2018	Not available	Increased
-						potatoes					36.1	40.4	37.0	43.3	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.

				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	_		
QN74: survey)	Percenta	age of st	udents v	who did	not eat	other ve	getables	s (one or	r more t	imes du	ring the	e 7 days	before	the			
											16.2	18.2	21.6	21.4	Increased, 2013-2018	Not available [§]	No change
	G0: Peros, or pota											ng Frenc	ch fries,	fried			
											6.8	8.7	9.0	9.4	Increased, 2013-2018	Not available	No change
ONVE	G1: Perc																
	fries, frie	ed potat	oes, or p	otato ci	mpsj, ca	irots, or	Other v	egetable	s, uurm	ig the /	uays oc	TOTC THE	Sui vey	,			

^{*}Based on trend analyses using a logistic regression model controlling 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	_		
QNVEO																	
											25.1	24.2	22.1	21.3	Decreased, 2013-2018	Not available [§]	No change
QNVEO [excludi survey)														the			
[excludi															Decreased, 2013-2018	Not available	No change
[excludi	ng Frencenta	age of st	fried po	who did	not drin	o chips]	bottle,	or glass	of soda	or pop	uring th	ne 7 day 12.7	s before	10.5	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.

			Н	alth Ri	sk Beha	avior ar	d Perce	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
	_				,	,	_						ay			
oke, P	epsi, or	Sprite,	not cou	nting die	et soda o	or diet p	op, duri	ng the 7	days be	fore th	e surve	y)				
										18 7	17 4	15 9	15.7	No linear change	Not available§	No change
	1: Pe	1: Percentage	1: Percentage of stud	Percentage of students who	Percentage of students who drank	1: Percentage of students who drank a can, b	1: Percentage of students who drank a can, bottle, or	1: Percentage of students who drank a can, bottle, or glass o	1: Percentage of students who drank a can, bottle, or glass of soda o	1: Percentage of students who drank a can, bottle, or glass of soda or pop or oke, Pepsi, or Sprite, not counting diet soda or diet pop, during the 7 days be	1: Percentage of students who drank a can, bottle, or glass of soda or pop one or moke, Pepsi, or Sprite, not counting diet soda or diet pop, during the 7 days before the	1: Percentage of students who drank a can, bottle, or glass of soda or pop one or more time oke, Pepsi, or Sprite, not counting diet soda or diet pop, during the 7 days before the survey	1: Percentage of students who drank a can, bottle, or glass of soda or pop one or more times per doke, Pepsi, or Sprite, not counting diet soda or diet pop, during the 7 days before the survey)	1: Percentage of students who drank a can, bottle, or glass of soda or pop one or more times per day	1: Percentage of students who drank a can, bottle, or glass of soda or pop one or more times per day oke, Pepsi, or Sprite, not counting diet soda or diet pop, during the 7 days before the survey)	1: Percentage of students who drank a can, bottle, or glass of soda or pop one or more times per day oke, Pepsi, or Sprite, not counting diet soda or diet pop, during the 7 days before the survey)

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

[§]Not enough years of data to calculate.

				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		
QN78: kind of j days bef	physical	activity	that inc														
											41.1	35.4	31.3	30.3	Decreased, 2013-2018	Not available§	No change
															, , , , , , , , , , , , , , , , , , , ,		1 to change
QNPA0 1 day (in during th	ı any kir	nd of ph	ysical a	ctivity t							f physic	al activ					To change
1 day (ii	ı any kir	nd of ph	ysical a	ctivity t							f physic	al activ			Increased, 2013-2018	Not available	Increased
1 day (ii	n any kin he 7 day DAY: I	ercenta	ysical ace the sur	ctivity to	hat incre	eased th	eir heart	rate an	d made	ninutes	physic reathe h	al activard son	21.2 days (i	25.1		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 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	-		
QN79:	Percent	age of s	tudents	who wa	tched te	levision	3 or mo	ore hour	s per da	y (on ar	n averag	e schoo	ol day)	·	,		
											35.0	29.6	26.3	22.9	Decreased, 2013-2018	Not available [§]	Decreased
QN80: (counting Instagra	ig time s	spent on	things	such as	Xbox, P	layStati	on, an il	Pad or o	ther tab	let, a sn	nartpho	ne, texti	ng, Ŷoι	ıTube,			-,
											41.4	38.4	42.1	48.8	Increased, 2013-2018	Not available	Increased
QN81: week w					ended pl	hysical e	educatio	n (PE) c	lasses o	on 1 or r	nore da	ys (in a	n averag	ge			
											40.1	44.4	43.6	42.3	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.

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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 linear change No change 17.5 17.6 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 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	-		
QN86: during t						ist (for a	check-ı	ıp, exan	n, teeth	cleanin	g, or oth	er dent	al work	,			
C				J .	,							74.5	73.4	73.9	No linear change	Not available§	No change
QNNOI	ONT: 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			
work)												2.3	2.1	2.4	No linear change	Not available	No change
QN87:	Dercente	age of st	tudente	who had	Lever be	en told	by a doo	etor or n	urce the	at they k	ad acth	ma					
QIVO7.	i cicciia	age of si	iudents	wiio iiau	i cvci bc	cii toid	by a doc	2101 01 11	iuise iii	it they i	iau asui	1114					

^{*}Based on trend analyses using a logistic regression model controlling 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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3.7

6.2

				Н	ealth Ri	isk Beh	avior aı	nd Perc	entages				
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	201

QN93: Percentage of students who talked on a cell phone while driving (on at least 1 day during the 30 days before the survey, among students who drove a car or other vehicle)

> 28.1 29.6 No linear change Not available No change

Quadratic Change*

Not available§

Change from 2016-2018 [†]

Decreased

QN94: Percentage of students who smoked a whole cigarette before age 13 years (for the first time)

Decreased, 2013-2018 Not available Decreased 7.2 7.0 7.4

Linear Change*

Decreased, 2016-2018

QN98: Percentage of students who smoked tobacco in a hookah, narghile, or other type of waterpipe (on at least 1 day during the 30 days before the survey)

> Decreased, 2016-2018 Not available Decreased

Total

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

[§]Not enough years of data to calculate.

Total Site-Add	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	3		
QN99: vapor pi											flavor v	with an	electron	nic			
												92.8	94.9	95.9	No linear change	Not available [§]	No change
QN101: oil, or T			students	s who ha	ave ever	used an	electro	nic vapo	or produ	ct to sm	oke ma	rijuana,	THC o	r hash			
													8.8	13.0	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			· ·
													19.7	13.4	Decreased, 2016-2018	Not available	Decreased
QN103: flavored survey)															,		
•											13.5	11.0	8.7	5.2	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.

[§]Not enough years of data to calculate.

Maryland High School Survey Baltimore County Trend Analysis Report

				Н	ealth Ri	sk Beha	avior 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			
QN104: the surv	Percen ey)	tage of	students	who tri	ed or us	ed tobac	cco prod	lucts for	the firs	t time (during t	he 12 m	onths b	efore			
												10.8	9.0	7.9	No linear change	Not available§	No change

39.9 38.1 34.2

39.8 38.6 41.9 10.7 Decreased, 2013-2018

31.4 Decreased, 2013-2018

allowed anywhere inside their home (not counting decks, garages, or porches)

78.4 78.3 No linear change Not available No change

Not available

Not available

QN107: Percentage of students who report the rule about smoking inside their home is that smoking is not

QN106: Percentage of students who live with someone who now smokes cigarettes or cigars

Total

Decreased

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 Baltimore County Trend Analysis Report

Γotal Site-Adde	ed			Н	ealth R	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		
QN108: during th					ere in th	e same	room wi	ith some	eone wh	o was sı	moking	(on at l	east one	day			
													30.1	27.7	No linear change	Not available [§]	No change
QN110: school y		tage of	students	s who we	ere taug	ht in the	eir classe	es about	the dan	gers of	tobacco	use (du	ring the	last			
											66.0	55.5	53.9	55.2	Decreased, 2013-2018	Not available	No change
QN117: friends	Percen	tage of	students	who sa	y defini	tely yes	or prob	ably yes	s that yo	ung peo	ple who	smoke	have m	nore			,
											42.3	38.5	42.0	43.6	No linear change	Not available	No change
QN118: cool or f		tage of	students	s who sa	y defini	tely yes	or prob	ably yes	s that sm	noking n	nakes yo	oung pe	ople loc	ok			

22.9 21.3 25.3 25.6

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 Baltimore County Trend Analysis Report

Total Site-Added	d																
				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: 1 parents if								eeking h	elp fror	n one o	r more a	dults be	sides the	eir			

78.2 79.1 78.3 75.1

Not available§

No linear change

No change

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

[§]Not enough years of data to calculate.

Male Injury an	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		
QN9: P or more							ho had l	been dri	nking a	lcohol (i	in a car 20.6	or other	vehicle	e, one 18.6	No linear change	Not available [§]	Increased
QN10: itimes du days bef	ring the	30 day	s before														
											9.4	6.5	5.7	5.6	No linear change	Not available	No change
QN11: the 30 d survey)																	
											32.9	25.7	24.4	24.5	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.

Male njury an	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	_		
QN13: I						eapon o	n schoo	l proper	ty (such	as a gu	n, knife	, or club	o, on at l	least 1	1		
day duri	ng the s	o days i	serore u	ic surve	<i>3)</i>						6.0	6.6	10.7	8.6	Increased, 2013-2018	Not available [§]	No change
QN14: I													for hur	nting			,
													8.1	5.1	Decreased, 2016-2018	Not available	Decreased
QN16: 1 knife, or										on scho	ol prope	erty (suc	h as a g	un,			
											10.4	7.8	11.6	11.0	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.

njury an	ia viole	nce		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: months		_		who wei	re in a p	hysical	fight on	school	property	y (one o	r more	imes du	ring the	2 12			
	001010 11		<i>J</i> /								15.8	16.2	17.1	15.6	No linear change	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	oing out or more	with [co	ounting uring the	such thi e 12 mo	ngs as b	eing hit	, slamn	ned into	someth	ing, or i	njured	No linear change	Not available	No change
	Percenta	age of st	udents v	who wei	re bullie	ed on sch	nool pro	perty (e	ver duri	ng the 1	12 mont	hs befor	e the su	irvey)			
QN23:										-							

^{*}Based on trend analyses using a logistic regression model controlling 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 a	nd Viole	ence		TT	oolth Di	al Dak	aviou a-	nd Domo	onto a ==						Linear Charge*	Overductic Charges	Changa from
				н	eaith Ki	sk Ben	avior ai	ia 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	_		
	Percenta ok, or ot										d throug	h textii	ıg, Insta	gram,			
											9.8	8.2	10.9	11.9	Increased, 2013-2018	Not available§	No change
	Percenta doing so										eks in a 20.0	row so 18.4	that the	y 24.5	Increased, 2013-2018	Not available	No change
stopped QN26:		some usu	al activ	ities, eve	er during	g the 12	months	before	the surv	vey)	20.0	18.4	21.3	24.5	Increased, 2013-2018	Not available	No change
stopped	doing s	some usu	al activ	ities, eve	er during	g the 12	months	before	the surv	vey)	20.0	18.4	21.3	24.5	Increased, 2013-2018 No linear change	Not available Not available	No change
QN26: survey)	doing s	age of si	tudents	who seri	ously co	g the 12	months d attem	pting su	the surv	vey) ver duri	20.0 ing the 1	18.4 12 mont 10.4	21.3 hs before	24.5 re the 12.6			

^{*}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.

Iale obacco	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	_		
QN32: survey)	Percent	age of s	tudents	who cur	rently s	moked o	igarette	s (on at	least 1 o	lay duri	ing the 3	30 days	before t	he			
											13.4	7.7	10.3	5.8	Decreased, 2013-2018	Not available [§]	Decreased
QNFRC				lents wh	o currer	ntly smo	ked ciga	rettes fi	requentl	y (on 20	or moi	re days	during tl	he 30			,
au y s oci	ore the	sur (ey)									4.8	2.5	2.2	0.6	Decreased, 2013-2018	Not available	Decreased
	CIG: 1		age of st	udents v	who curi	rently sn	noked ci	igarettes	s daily (on all 30	0 days d	luring th	ne 30 da	ys			
		•									3.6	1.8	1.7	0.4	Decreased, 2013-2018	Not available	Decreased
	es, vap	ing pens				an electr h pens [
												36.6	37.9	40.9	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.

Male Tobacco Use																
			Н	ealth R	isk Beh	avior ar	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991 1993	3 1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	<u> </u>		
QN35: Percere- e-pipes, vape Plus, eGo, and	pipes, va	ping pen	s, e-hoo	kahs, ar	nd hooka	th pens	[such as	blu, NJ								
											19.1	14.3	24.7	Increased, 2014-2018	Not available§	Increased
QNFREVP: 1 during the 30				no curre	ntly used	l electro	nic vap	or produ	icts free	quently ((on 20 c	or more	days	,		
											2.3	2.1	5.2	Increased, 2014-2018	Not available	Increased
QNDAYEVP the 30 days be			tudents	who cur	rently u	sed elect	tronic v	apor pro	ducts d	aily (on	all 30 c	lays dur	ring			,
											1.7	1.3	3.4	No linear change	Not available	Increased
QNTB5: Pero					smoked	l cigaret	tes or us	sed elec	tronic v	apor pro	oducts	(on at le	east 1			
											22.4	20.2	27.0	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.

Male Tobacco	Use			Н	ealth Ri	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	3		
QN36: (such as survey,	a conve	enience	store, su	permarl	cet, disc	ount sto	re, gas s	station, d	or vape	store, d	uring th	e 30 day					
													23.0	12.9	Decreased, 2016-2018	Not available§	Decreased
QN37: dissolva vapor pr	ble toba	cco pro	ducts [si	uch as C	openha	gen, Gri	zzly, Sk	coal, or						nic			
													8.5	5.9	No linear change	Not available	No change
QN38: during the					rently si	noked c	igars (c	igars, ci	garillos,	or little	e cigars,	on at le	ast 1 da	У	,		
											15.9	11.7	12.7	9.2	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.

[§]Not enough years of data to calculate.

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Male **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)

> 16.9 11.8 Decreased, 2013-2018 21.4 14.9

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	and Oth	er Druş	g Use	Н	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	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)	,		
											18.9	17.4	18.7	14.7	Decreased, 2013-2018	Not available§	Decreased
QN41: the 30 d				who cur	rently d	rank alc	ohol (at	least or	e drink	of alcol	hol, on	at least	l day dı	ıring			
											30.5	21.2	22.5	19.7	Decreased, 2013-2018	Not available	No change
QN42: female s	students	or five	or more	drinks o	of alcoh												
													11.2	10.7	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.

Male Alcohol a	and Oth	er Drug	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	3		
QN45:	Percenta	age of st	tudents	who eve	er used r	narijuan	a (one o	or more	times du	iring the	eir life)			•			
											40.3	32.9	32.7	28.9	Decreased, 2013-2018	Not available [§]	No change
QN46:	Percent	age of st	tudents	who trie	d marii	uana for	the first	t time he	efore ag	e 13 ves	arc						
Q1140.	rereenu	age of si	ludents	who the	a mary	uana 101	uic iiis	tunic ov	crore ag	c 13 yea	11.6	10.7	10.8	6.1	Decreased, 2013-2018	Not available	Decreased
QN47:	Percent	age of st	tudents	who cur	rently u	sed mar	ijuana (one or n	nore tim	es durir	ng the 3	0 days b	efore th	e			
survey)																	
											24.0	17.7	19.0	16.0	Decreased, 2013-2018	Not available	No change
QN48:	Percenta	age of st	tudents	who eve	er used s	ynthetic	mariju	ana (one	e or mor	e times	during	their life	e)		,		,
												9.8	8.0	6.6	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.

Male 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			
QN49: different	ly than	how a c	doctor to	old them	to use i	it (count	ing drug	gs such a									
													14.5	14.2	No linear change	Not available§	No change
QN50: I		_			er used o	cocaine (any fori	m of coo	caine, in	cluding	g powde	r, crack	, or free	base,			
											7.3	6.4	6.6	5.0	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	,		
											5.1	4.7	5.1	4.8	No linear change	Not available	No change
QN53: I							hetamir	nes (also	called	"speed,	" "cryst	al meth	," "cranl	ς,"			
											4.4	5.3	5.9	3.7	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 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	2013	3		
QN54:	Percenta	age of st	tudents	who eve	er used e	ecstasy (also call	ed "MD	MA," c	one or m	ore tim	es durii	ng their	life)			
											9.7	8.0	6.6	5.1	Decreased, 2013-2018	Not available§	No change
QN56:						ed any il	legal dr	ug (used	l a need	le to inj					Decreased, 2013-2018	Not available [§]	No change
QN56: body, or						ed any il	legal dr	ug (used	l a need	le to inj					Decreased, 2013-2018 No linear change	Not available [§] Not available	No change
						ed any il	legal dr	ug (used	l a need	le to inj	ect any	illegal	drug int	o their			
	e or mo	age of st	s during	their lif	fe)						ect any 3.7	illegal	drug inte	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 Baltimore 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 38.4 35.1 Decreased, 2013-2018 Not available§ No change QN59: Percentage of students who had sexual intercourse for the first time before age 13 years 10.9 8.6 7.9 Decreased, 2013-2018 Not available No change

15.7 12.4

during the 3 months before the survey)

29.6 25.8 23.7 21.0 Decreased, 2013-2018 Not a

25.8 23.7 21.0 Decreased, 2013-2018 Not available No change

Not available

13.0 10.3 Decreased, 2013-2018

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,

Male

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 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	3		
QN62: I					nk alcol	nol or us	sed drug	s before	e last sex	xual inte	ercourse	e (amon	g studer	nts			
											28.7	23.0	22.9	23.6	No linear change	Not available [§]	No change
QN63: 1				who use	d a cond	dom dur	ing last	sexual i	intercou	rse (am	ong stu	dents w	no were				
											66.6	69.2	64.7	54.6	Decreased, 2013-2018	Not available	No change
QN64: 1							oills bef	ore last	sexual i	ntercou	rse (to p	prevent	pregnan	cy,			
											17.4	14.7	20.9	18.8	No linear change	Not available	No change
QNIUD or Nexp																	
active)											0.9	2.3	1.1	2.5	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.

				Н	ealth R	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	_		
control 1		ch as Nu	ge of sture (sture)														
											2.5	3.2	2.6	0.9	No linear change	Not available§	No change
	TITDI I	Dercenta	ge of sti	udents v	vho use	d birth c	ontrol p	ills; an l	IUD (su	ch as M	lirena o	r ParaG	ard) or				
mplant control	(such as	Implan ch as Nu	on or N vaRing)	explano	n); or a	shot (su	ich as Ď		vera), p	atch (su	ch as C				No linear change	Not available	No change
QNDUA pills; an Depo-Pr	(such as ring (such as ring (such as y sexual ALBC: IUD (such as rovera),	s Implan ch as Nu ly active Percenta uch as M patch (s	on or N vaRing)	expland) before udents v r ParaG OrthoEv	who use ard) or i	shot (su ual inter	condor (such as	n during Implan	g last sex on or No	atch (su nancy, a kual inte	20.8 ercourse on); or a	20.3 e and bir shot (st	24.6 th contract as	ere 22.2 rol	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 Baltimore 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) Not available§ 10.4 13.4 12.2 12.8 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) 14.9 18.1 15.3 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 Ri	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	_		
	T: Perce											tile for	body ma	ıss			
											15.3	14.4	14.6	13.5	No linear change	Not available¶	No change
	ESE: Pe								le for be	ody mas	ss index	, based	on sex-	and			
											14.5	14.0	16.5	16.1	No linear change	Not available	No change
QN67:	Percenta	age of st	udents v	vho des	cribed t	hemselv	es as sli	ghtly or	very ov	verweig	ht	•	•				
											21.5	21.3	23.2	24.6	No linear change	Not available	No change
	Percenta he surve		udents v	vho did	not drir	ık fruit j	uice (10	00% frui	t juices	one or i	more tir	nes duri	ing 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.

veight i	Aanage i	nent an	u Dieta	-		sk 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	udents v	who did	not eat	fruit (on	e or mo	re times	during	the 7 da	ays befo	ore the s	urvey)				
											19.8	19.0	19.5	20.0	No linear change	Not available [§]	No change
	: Percei						r drink	100% fr	uit juice	es (such	as oran	ge juice	, apple	juice,			
or grape	e juice, d	iuring u	ie / days	s before	tile sui	/ey)					8.5	9.2	10.3	11.2	No linear change	Not available	No change
		ntage of				or drank				or more	times pe	er day (s	such as				-
QNFR1	: Percei juice, ap				1	41 7 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.

				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	_		
						or drank g the 7 da				or more	times p	er day (such as				
											31.4	30.2	27.2	25.3	Decreased, 2013-2018	Not available [§]	No change
QN71:	Percent	age of s	tudents	who did	not eat	green sa	alad (one	e or moi	re times	during	the 7 da	ys befo	re the si	urvey)	,		
											47.1	49.3	53.9	52.0	Increased, 2013-2018	Not available	No change
QN72:	Percent	age of s	tudents	who did	not eat	potatoes	s (one or	r more t	imes du	ring the	7 days	before t	he surv	ey)			:
											34.1	38.7	37.0	44.1	Increased, 2013-2018	Not available	Increased
					not oot		(000 000	more tir	nos duri	na the 7	days b	efore th	e survey	v)			
QN73:	Percent	age of s	ludents	wno aia	not eat	carrots	(one or i	nore un	nes dun	ing the /	uays o	crore tir	c 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.

				Н	ealth Ri	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			
QN74: survey)	Percenta	age of st	udents	who did	not eat	other ve	getable	s (one o	r more t	imes du	ring the	e 7 days	before	the			
											19.0	20.4	24.9	22.1	No linear change	Not available§	No change
					did not							ng Frenc	ch fries,	fried			
											8.2	11.1	10.6	10.4	No linear change	Not available	No change
					ate veg												,

^{*}Based on trend analyses using a logistic regression model controlling 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 N				-		sk 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		
	G2: Perofries, frie																
											24.3	25.5	22.8	21.2	No linear change	Not available§	No change
-	G3: Percing Fren	_			_				•					the			
											12.0	14.1	11.9	9.8	Decreased, 2013-2018	Not available	No change
ON75:	Percenta									or pop	(such a	s Coke,	Pepsi,	or			,
Sprite, r	not coun	ting are															

^{*}Based on trend analyses using a logistic regression model controlling 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 a	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	5 2018	-		
-																	
ONSOD	A1: Pe	rcentag	e of stud	lents wh	o drank	c a can.	bottle, o	or glass o	of soda o	or pop o	ne or m	ore tim	es per d	lav			
														lay			
QNSODA (such as										7 days be		e surve		•	No linear change	Not available [§]	No chang
										7 days be	efore th	e surve	y)	•	No linear change	Not available [§]	No change
	Coke, P	rcentage	Sprite,	not cou	nting di	iet soda	bottle, o	pop, duri	of soda of	7 days be	21.4 wo or m	19.3	17.7 es per c	17.4	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.

Male Physical <i>I</i>	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 p	physical	activity	that in														
j		3,									47.8	41.7	39.3	34.4	Decreased, 2013-2018	Not available [§]	No change
QNPA0 1 day (in during the	n any kii	nd of ph	ysical a	ctivity t													
											14.6	15.8	17.1	21.8	Increased, 2013-2018	Not available	Increased
QNPA7 kind of j days bef	physical	activity	that in														
											27.5	22.8	22.6	20.2	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.

Male Physical	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	3		
QN79:	Percenta	age of s	tudents	who wat	tched te	levision	3 or mo	ore hour	s per da	y (on ar	n averag	e schoo	l day)				
											34.5	28.4	24.6	22.9	Decreased, 2013-2018	Not available§	No change
QN80: (countir Instagra	ng time s	spent on	things	such as 2	Xbox, P	layStati	on, an il	Pad or o	ther tab	let, a sn	nartphoi	ne, texti	ng, Ŷoı	ıTube,	Increased, 2013-2018	Not available	Increased
QN81: week w					ended ph	nysical e	education	n (PE) c	classes o	on 1 or r	more da	ys (in ai	n averag	ge 47.0	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.

Maryland High School Survey Baltimore 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) Decreased, 2013-2018 Not available§ 27.8 4.9 7.8 Decreased 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) 17.0 19.0 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.

Male Other																	
				Н	ealth R	isk Beh	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	_		
QN86: during the						ist (for a	check-ı	ıp, exan	n, teeth	cleanin	g, or oth	er dent	al work	,			
daring a			orore un	o sur vey	,							72.4	72.9	73.8	No linear change	Not available§	No change
QNNOI work)	ONT: P	ercentag	ge of stu	dents w	ho neve	r saw a	dentist (for a ch	eck-up,	exam, t	eeth cle	aning,	or other	dental			
work)												3.2	2.1	2.8	No linear change	Not available	No change
QN87:	Percent	age of s	tudents	who had	l ever be	een told	by a doo	ctor or n	urse tha	at they h	ad asth	ma			,		•
											26.7	26.5	29.9	28.8	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.

Maryland High School Survey Baltimore County Trend Analysis Report

Male Site-Added **Health Risk Behavior and Percentages** Linear Change* Quadratic Change* Change from 2016-2018 [†] 1991 1993 1995 1997 1999 2001 2003 2007 2009 2011 2013 2014 2016 2005 QN90: Percentage of students who are transgender 4.1 1.2 Decreased, 2016-2018 Not available§ Decreased QN93: Percentage of students who talked on a cell phone while driving (on at least 1 day during the 30 days before the survey, among students who drove a car or other vehicle) 28.2 31.3 No linear change Not available No change QN94: Percentage of students who smoked a whole cigarette before age 13 years (for the first time) 5.2 Decreased, 2013-2018 8.4 7.8 8.3 Not available Decreased QN98: Percentage of students who smoked tobacco in a hookah, narghile, or other type of waterpipe (on at least 1 day during the 30 days before the survey) 6.0 3.7 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.

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	3		
QN99: vapor pr											flavor v	with an	electron	iic			
												91.3	93.6	93.9	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 sn	noke ma	ırijuana,	THC o	r hash			
													9.8	13.2	Increased, 2016-2018	Not available	Increased
QN102: little cig		_		s who th	ink they	definite	ely or pi	robably	will sm	oke a ci	garette,	cigar, c	igarillo,	, or			
													20.3	14.6	Decreased, 2016-2018	Not available	Decreased
QN103: flavored survey)																	,
											15.6	11.4	9.9	7.5	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.

Maryland High School Survey **Baltimore County Trend Analysis Report**

				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	<u> </u>		
QN104: the surve		tage of	students	who tri	ed or us	sed toba	cco prod	lucts for	the firs	t time (during t	he 12 m	onths b	efore			
												9.8	7.8	8.0	No linear change	Not available [§]	No change
QN106:	Percen	tage of	students	who liv	e with	someone	e who no	ow smol	kes ciga	rettes or	r cigars		:				,
											38.4	37.0	33.3	30.1	Decreased, 2013-2018	Not available	No change
QN107: allowed										home i	s that sr	noking	is not				
													78.4	79.7	No linear change	Not available	No change

27.9 26.9

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.

Maryland High School Survey Baltimore County Trend Analysis Report

Site-Added **Health Risk Behavior and Percentages** Linear Change* Quadratic Change* Change from 2016-2018 [†] 1991 1993 1995 1997 1999 2005 2007 2009 2011 2013 2014 2016 2018 2001 2003 QN110: Percentage of students who were taught in their classes about the dangers of tobacco use (during the last school year) 66.6 57.0 55.9 56.9 Decreased, 2013-2018 Not available§ No change QN117: Percentage of students who say definitely yes or probably yes that young people who smoke have more friends 41.9 39.0 42.7 44.6 No linear change Not available No change

26.3 23.9

27.2 28.5

parents if they had an important question affecting their life

76.3 78.3 76.9 72.1 Decreased, 2013-2018 Not available Decreased

Not available

No linear change

QN118: Percentage of students who say definitely yes or probably yes that smoking makes young people look

QN119: Percentage of students who would feel comfortable seeking help from one or more adults besides their

cool or fit in

Male

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 ar	d Viole	ence		Н	ealth R	isk Beh	avior aı	nd Perc	entages						Linear Change*	Quadratic Change [*]	Change from 2016-2018 ³
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN9: P							ho had	been dri	nking a	lcohol (i	in a car	or other	vehicle	e, one	1		
or more	umes u	uring ur	e 30 day	s octon	e the sui	(vcy)					20.9	18.9	15.3	14.4	Decreased, 2013-2018	Not available§	No change
QN10: times du days bei	iring the	30 day													No linear change	Not available	No change
QN11: the 30 d survey)															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	ıd Viole	ence		Н	ealth R	isk Beh	avior ar	ıd Perc	entages	ı					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	ı as a gu	ın, knife	, or clul	o, on at	least 1			
any dari	ing the c	o days		no sur ve	·3 /						3.0	3.8	5.4	4.1	No linear change	Not available [§]	No change
QN14: or for a													for hur	nting			
													2.7	2.5	No linear change	Not available	No change
QN16: knife, or										on scho	ol prop	erty (suc	ch as a g	un,			,
											6.3	5.3	5.4	7.6	No linear change	Not available	No change

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

[§]Not enough years of data to calculate.

Female Injury an	nd 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	_		
QN18: 1		_		who we	re in a p	hysical	fight on	school	property	y (one o			C				
											10.4	10.5	9.8	10.0	No linear change	Not available [§]	No change
QN22: someone with an went out	e they w object 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	eing hit	, slamm	ned into	someth	ing, or i	njured			
											14.4	10.7	10.8	14.5	No linear change	Not available	No change
QN23:	Percenta	age of st	tudents	who we	re bullie	d on sch	nool pro	perty (e	ver duri	ng the 1	12 mont	hs befor	e the su	rvey)			
											22.1	20.5	21.2	17.4	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.

[§]Not enough years of data to calculate.

Female njury an	nd 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>		
QN24: Faceboo										g bullie	d throug	gh textir	ıg, Insta	gram,			
											17.0	17.4	17.9	17.5	No linear change	Not available [§]	No change
QN25:											eks in a	row so	that the	у			-,
											36.8	34.9	39.0	43.1	Increased, 2013-2018	Not available	No change
QN26: survey)	Percent	age of st	tudents	who seri	iously c	onsidere	d attem	pting su	icide (e	ver duri	ing the	12 mont	hs befor	re the			
											21.5	19.9	22.5	21.7	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	e (durin	ng the 12	2 month	S			;
											16.7	15.3	18.5	19.6	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.

Female Tobacco	Use																
	Health Risk Behavior and Percentages 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 20														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)	Percent	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	the			
											11.5	9.1	6.9	2.5	Decreased, 2013-2018	Not available§	Decreased
QNFRC days bef				ents wh	o currer	ntly smo	ked ciga	rettes fi	requentl	y (on 20) or mo	re days	during t	he 30	; ·		
											3.8	2.6	2.0	0.3	Decreased, 2013-2018	Not available	Decreased
QNDAY before th			ige of st	udents v	who cur	rently sr	noked ci	igarettes	s daily (on all 30	O days c	luring t	ne 30 da	ıys			
											2.2	1.7	1.6	0.3	Decreased, 2013-2018	Not available	Decreased
QN34: vape pip eGo, and	es, vap	ing pens													,		
coo, and	. 11a10 <u>]</u> ,	,										38.6	40.6	40.5	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.

emale obacco	Use																
	Health Risk Behavior and Percentages 991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016														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	ping pen	s, e-hoo	kahs, an	id hooka	h pens	[such as	blu, NJ								
												20.5	14.3	23.1	No linear change	Not available§	Increased
QNFRE during tl					no currer	ntly used	l electro	nic vap	or produ	icts freq	quently ((on 20 o	or more	days			
		•		•								1.6	1.1	3.5	No linear change	Not available	Increased
QNDAY				tudents	who cur	rently us	sed elect	tronic v	apor pro	ducts d	aily (on	all 30 c	lays dui	ring	,		
												0.7	0.8	1.9	Increased, 2014-2018	Not available	No change
QNTB5 day duri						smoked	cigaret	tes or us	sed elec	tronic v	apor pro	oducts ((on at le	east 1	,		
												24.2	18.1	24.4	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.

'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	3		
QN36: (such as survey,	a conve	enience	store, su	permarl	ket, disc	ount sto	re, gas s	station, o	or vape	store, d	uring th	e 30 day					
													12.8	11.4	No linear change	Not available§	No change
QN37: dissolva vapor pi	ble toba	cco pro	ducts [st	uch as C	Copenha	gen, Gri	izzly, Sk	coal, or						nic 2.9	No linear change	Not available	No change
														,	Tvo mieur onunge	1,000 41,41140.20	Tro enunge
QN38: during t					rently si	noked c	igars (c	igars, ci	garillos,	or little	e cigars,	on at le	ast 1 da	ıy			
											9.3	9.5	8.8	4.5	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.

Not enough years of data to calculate.

Maryland High School Survey Baltimore County Trend Analysis Report

Female Tobacco Use

Tobacco l	U se			Н	ealth Ri	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	_		
QNTB2: before th		_	student	s who c	urrently	smoked	cigaret	tes or ci	gars (on	at least	1 day d	luring th	ne 30 da	ys			
											15.9	14.3	12.3	5.9	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.

[§]Not enough years of data to calculate.

	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	201	8		
QN40:	Percent	age of s	tudents	who hac	l their fi	rst drink	of alco	hol befo	ore age 1	13 years	(other	than a f	ew sips)			
											17.6	15.9	16.0	14.8	No linear change	Not available§	No change
QN41: the 30 d		_		who cur	rently d	rank alc	ohol (at	least or	e drink	of alcol	nol, on a	at least	l day dı	uring			
											34.4	28.7	30.3	24.9	Decreased, 2013-2018	Not available	No change
QN42: female	students	or five	or more	drinks o	of alcoh		ge drink ow for n										
day dur	ing the 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.

Female Alcohol a	lcohol 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	_		
QN45:	Percent	age of s	tudents	who eve	er used r	narijuan	a (one c	or more	times du	aring the	eir life)						
											37.0	33.3	38.6	34.5	No linear change	Not available§	No change
QN46:	Percent	age of s	tudents	who trie	d mariji	uana for	the first	time b	efore ag	e 13 yea	ars	•		•			
											5.8	6.7	6.3	5.3	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	0 days b	efore th	ie			,
											18.9	19.5	21.4	17.7	No linear change	Not available	No change
QN48:	Percent	age of s	tudents	who eve	er used s	ynthetic	marijua	ana (one	e or mor	e times	during	their life	e)	-			
												6.7	6.7	4.1	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			
QN49: different Hydroco	tly than	how a c	doctor to	old them	to use i	it (count	ing drug	s such a	ne withous codein	out a do ne, Vice	octor's prodin, Ox	rescripti xyConti	ion or n,				
													14.8	15.8	No linear change	Not available [§]	No change
QN50: one or n					er used o	cocaine (any fori	m of coo	caine, in	cluding	powde	r, crack	, or free	base,			,
											3.6	2.9	3.5	2.5	No linear change	Not available	No change
QN52: times du			tudents	who eve	er used l	neroin (a	lso calle	ed "smao	ck," "jui	nk," or	"China	White,"	one or	more	,		
											2.7	2.6	3.2	2.3	No linear change	Not available	No change
QN53: "ice," or							hetamir	nes (also	called	"speed,	" "cryst	al meth.	," "cranl	k,"			,
											2.5	2.3	4.0	1.9	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.

Female Alcohol a	nd 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	3		
QN54: I	Percenta	age of s	students	who eve	er used e	ecstasy (also call	led "ME	OMA," o	one or m	nore tim	es durir	ng their	life)			
											5.3	4.1	4.4	2.8	Decreased, 2013-2018	Not available [§]	No change
QN56: I						ed any il	llegal dr	ug (used	d a need	le to inj	ect any	illegal	drug int	o their			
body, on	e or mo	ore ume	es during	g their in	ie)						1.8	2.3	3.5	3.5	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			,
			-37								25.4	22.9	26.0	24.4	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 Baltimore 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 32.2 32.7 29.9 Decreased, 2013-2018 Not available§ No change QN59: Percentage of students who had sexual intercourse for the first time before age 13 years 2.9 2.7 1.8 No linear change Not available No change 1.6 QN60: Percentage of students who had sexual intercourse with four or more persons during their life Decreased, 2013-2018 9.7 6.8 7.1 Not available Decreased QN61: Percentage of students who were currently sexually active (had sexual intercourse with at least one person,

29.0

23.4

24.0

22.6

No linear change

Not available

during the 3 months before the survey)

No change

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

[§]Not enough years of data to calculate.

emale exual Be	ehavior	s															
				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			
QN62: I who wer				who dra tive)	nk alcol	nol or us	ed drug	s before	last sex	cual inte	ercourse	(amon	g studer	nts			
											17.4	17.1	19.0	17.4	No linear change	Not available§	No change
		age of st		who use	d a cond	dom dur	ing last	sexual i	ntercou	rse (am	ong stud	dents w	no were	,	,		
											52.6	53.9	51.4	51.3	No linear change	Not available	No change
				who use			oills befo	ore last	sexual i	ntercou	rse (to p	prevent	pregnan	cy,	,		
											23.1	21.3	21.7	18.4	No linear change	Not available	No change
				idents w													
cuve											2.8	4.1	4.0	1.3	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 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			
control i	ring (suc	Percenta ch as Nu lly active	vaRing														
											5.1	7.7	4.9	6.9	No linear change	Not available§	No change
ONOTE	IHDI · I	Percenta	ge of st	udents v	vho use	d birth o	ontrol r	ille: an l	IID (en	ch as M	lirena c	r ParaG	ard) or				
implant control	(such as ring (suc	Percenta s Implan ch as Nu lly active	on or N vaRing	explano	n); or a	shot (su	ich as D	epo-Pro	vera), p	atch (su	ich as C	OrthoEv	ra), or b		No linear change	Not available	No change
QNDUApills; an Depo-Pi	(such as ring (such y sexual ALBC: IUD (such rovera),	s Implan ch as Nu	age of st	expland) before udents v r ParaG OrthoEv	who use ard) or i	shot (su ual inter	a condor (such as	m during	yera), pent preg	atch (su nancy, a cual inte	31.0 ercours on); or a	OrthoEv student 33.1 e and bit a shot (s	ra), or best who was 30.6 rth contuch as	26.6 rol	No linear change	Not available	No chang

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

[§]Not enough years of data to calculate.

				caitii Ki	isk bena	avior an	id Perce	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018
993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
								prevent	pregnan	icy duri	ng last s	sexual				
										13.4	14.7	16.4	15.7	No linear change	Not available§	No change
1	NE: P	NE: Percenta	NE: Percentage of st	NE: Percentage of students v	NE: Percentage of students who did	NE: Percentage of students who did not use	NE: Percentage of students who did not use any me		NE: Percentage of students who did not use any method to prevent	NE: Percentage of students who did not use any method to prevent pregnan	NE: Percentage of students who did not use any method to prevent pregnancy duri (among students who were currently sexually active)	NE: Percentage of students who did not use any method to prevent pregnancy during last s (among students who were currently sexually active)	NE: Percentage of students who did not use any method to prevent pregnancy during last sexual (among students who were currently sexually active)	NE: Percentage of students who did not use any method to prevent pregnancy during last sexual (among students who were currently sexually active)	NE: Percentage of students who did not use any method to prevent pregnancy during last sexual (among students who were currently sexually active)	NE: Percentage of students who did not use any method to prevent pregnancy during last sexual (among students who were currently sexually active)

^{*}Based on trend analyses using a logistic regression model controlling 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 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	_		
			f studen d age-spe									tile for l	oody ma	ıss			
											16.4	14.4	15.1	20.1	Increased, 2013-2018	Not available¶	Increased
			e of stude ata from						le for bo	ody mas	ss index	, based	on sex-	and			.,
											9.6	10.7	13.8	10.2	No linear change	Not available	Decreased
	D	age of st	udents v	vho des	cribed tl	hemselv	es as sli	ghtly or	very ov	verweigl	ht			-			
QN67:	Percenta										32.5	27.8	31.3	32.2	No linear change	Not available	No change
QN67:	Percenta																
QN69:			udents w	vho did	not drin	ık fruit j	uice (10	00% frui	t juices	one or i	more tir	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	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	urvey)				
											11.9	16.7	16.2	14.5	No linear change	Not available§	No change
QNFR0							r drink 1	100% fr	uit juice	es (such	as oran	ge juice	, apple j	juice,			•
QNFR0 or grape							r drink 1	100% fr	uit juice	es (such	as oran	ge juice	, apple j 8.5	juice, 6.3	No linear change	Not available	No change
	juice, d	luring th	e 7 days	s before	the surv	rey) r drank	100% fr	ruit juice	es one o		4.2	6.7	8.5		No linear change	Not available	N

^{*}Based on trend analyses using a logistic regression model controlling 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 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	_		
							100% f			or more	times p	er day (such as				
											31.1	26.8	24.4	28.6	No linear change	Not available§	No change
QN71:	Percent	age of s	tudents	who did	not eat	green sa	alad (one	e or mor	re times	during	the 7 da	ays befo	re the su	urvey) 47.1	Increased, 2013-2018	Not available	No change
							alad (one				36.3	40.8	44.9	47.1	Increased, 2013-2018	Not available	No change
											36.3	40.8	44.9	47.1	Increased, 2013-2018 No linear change	Not available Not available	No change
QN72:	Percent	age of s	tudents	who did	not eat	potatoe		r more t	imes du	ring the	36.3 7 days 38.1	40.8 before t	44.9 he surve	47.1 ey) 42.3			

^{*}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.

Female Weight M	Ianager	nent an	d Dieta	•		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	_ ;		
QN74: 1 survey)	Percenta	age of st	tudents	who did	not eat	other ve	egetable	s (one o	r more t	imes du	ring the	27 days	before t	he			
• /											13.3	16.0	18.1	20.7	Increased, 2013-2018	Not available [§]	No change
QNVEG potatoes												ng Frenc	h fries,	fried			
											5.5	6.4	7.4	8.3	Increased, 2013-2018	Not available	No change
QNVEG French f																	,
											60.8	59.3	53.9	51.9	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 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	_		
QNVEO																	
											25.5	22.6	20.7	21.2	No linear change	Not available§	No change
											23.3	22.0	20.7	21.2	140 iiiicai change	Not available	110 change
QNVEO [excludi survey)										day (gre	een sala	d, potat	oes		Two finear change	Tvot available	To change
[excludi										day (gre	een sala	d, potat le 7 days	oes		No linear change	Not available	No change
[excludi	ing Fren	age of si	, fried po	who did	or potat	o chips]	, carrots	or glass	er veget	day (greater) da	een sala uring th	id, potat ne 7 days 10.8	oes s before 10.9	the 10.9			

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

[§]Not enough years of data to calculate.

				Н	ealth Ri	isk Beha	avior an	d Perce	entages						Linear Change*	Quadratic Change*	Change from 2016-201
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QNSOD.														ay			
(such as	Coke, F	epsi, or	Sprite,	not cou	nting die	et soda c	or diet p	op, durn	ng the 7	days be	tore th	e surve	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.

Female Physical	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	_		
QN78: kind of j	physical	activity	that in														
,		,									34.8	29.1	24.1	26.1	Decreased, 2013-2018	Not available [§]	No change
QNPA0 1 day (in during t	n any kii	nd of ph	ysical a	ctivity t													
											19.2	21.7	25.3	28.1	Increased, 2013-2018	Not available	No change
QNPA7 kind of days bet	physical	activity	that in														
											15.2	14.2	10.7	12.3	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.

Female Physical	Activity	7		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	_		
QN79:	Percenta	age of st	udents	who wat	ched tel	evision	3 or mo	ore hours	s per da	y (on ar	averag	e schoo	l day)				
											35.6	30.7	28.1	22.9	Decreased, 2013-2018	Not available§	Decreased
ONIOO.	Percent	age of st	udente	who nla	ved vide	o or coi	nputer s	games o	r used a								
(counting	ng time s am, Face	spent on	things s	such as 2	Xbox, P	layStatio	on, an iI	Pad or o	ther tab	let, a sn		ne, texti	ng, Ŷou	Tube,	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.

				Н	ealth Ri	isk Beha	avior an	d Perce	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 †
1991 199)3	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
NDLYPE:					o attend	led phys	sical edu	cation (PE) clas	sses on	all 5 day	ys (in ar	averag	e	,		
eek when th	ney v	vere in	scnooi)								17.1	2.7	4.0	4.4	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.

Female Other				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	-		
QN86: I						ist (for a	check-ı	ıp, exan	n, teeth	cleaning	g, or oth	er denta	al work	,			
												77.0	74.6	74.3	No linear change	Not available§	No change
QNNOE	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)												1.3	1.9	2.0	No linear change	Not available	No change
QN87: 1	Percenta	age of st	tudents	who hac	l ever be	een told	by a doo	ctor or n	urse tha	at they h	nad asth	ma					
											25.2	25.8	25.1	25.1	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.

Maryland High School Survey Baltimore County Trend Analysis Report

Female Site-Adde	ed			Н	ealth Ri	isk Beh	avior ar	ıd 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	3		
QN90: 1	Percenta	age of st	udents v	who are	transge	nder							2.7	1.6	No linear change	Not available [§]	No change
QN93: 1 before the									g (on at	least 1	day dui	ring the	30 days 26.9	27.1	No linear change	Not available	No change
QN94: 1	Percenta	age of st	udents v	who smo	oked a v	whole ci	garette l	pefore ag	ge 13 ye	ears (for	the firs	st time)					
											5.6	5.8	5.9	3.3	Decreased, 2013-2018	Not available	Decreased
QN98: 1 day duri						oacco in	a hooka	ıh, nargl	nile, or o	other ty	pe of wa	aterpipe	(on at le	east 1			

5.4

3.6

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.

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	3		
QN99: vapor pr											flavor v	with an o	electron	iic			
												94.6	96.7	97.7	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	noke ma	rijuana,	THC o	r hash	,		
													7.8	12.8	Increased, 2016-2018	Not available	Increased
QN102: little cig		_		s who th	ink they	definite	ely or pr	obably	will sm	oke a ci	garette,	cigar, ci	igarillo,	, or			,
													18.5	11.9	Decreased, 2016-2018	Not available	Decreased
QN103: flavored survey)																	
											11.2	10.5	6.8	2.8	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.

[§]Not enough years of data to calculate.

Maryland High School Survey Baltimore County Trend Analysis Report

Female

				Н	ealth R	isk Beh	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	3		
QN104: the surve		tage of	students	who tri	ed or us	sed toba	cco proc	lucts for	the firs	t time (d	during t	he 12 m	onths b	efore			
												11.8	10.1	8.0	Decreased, 2014-2018	Not available§	No change
QN106:	Percen	tage of	students	who liv	e with	someone	who no	ow smol	ces ciga	rettes or	cigars	•	•				
											41.5	39.1	34.8	32.6	Decreased, 2013-2018	Not available	No change
						rule abo				home i	s that sr	noking	is not				
													79.0	77.0	No linear change	Not available	No change
			students the sur		ere in th	ie same	room wi	th some	one wh	o was sr	noking	(on at 1	east one	day			
													31.4	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 Baltimore County Trend Analysis Report

			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		
-	ntage of	students	who we	ere taug	ht in the	eir classe	es about	the dan	gers of	tobacco	use (d	uring th	e last			
(N110: Percenthool year)	centage of students who were taught in their classes about the dangers of tobacco use (during the last												Decreased, 2013-2018	Not available [§]	No change	
-										65.9	54.2	52.0	53.5	Decreased, 2013-2018	Not available [§]	No change

19.2 18.5 23.1 22.2

80.1 77.9

80.0 79.7

No linear change

No linear change

Not available

Not available

QN118: Percentage of students who say definitely yes or probably yes that smoking makes young people look

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

Female

cool or fit in

No change

No change

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

[§]Not enough years of data to calculate.

White* injury a	nd Viol	ence															
				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	-		
	ercentag						ho had l	oeen dri	nking al	lcohol (in a car	or othe	r vehicl	e, one			
						,,,,					22.5	18.6	14.6	18.2	No linear change	Not available [¶]	No chang
imes du	Percenta aring the fore the	30 day	s before	the surv	ey, amo	ong stud	lents wh	o had d	riven a d	car or of	ther veh	5.6	fing the	5.0	No linear change	Not available	No chan
												. 1	. 1 1				
	Percenta ays befo																

^{*}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 ai	nd Viol	ence		F	Iealth F	Risk Bel	navior a	and Per	centage	es					Linear Change [†]	Quadratic Change [†]	Change from
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		2016-2018 §
			-			-											
QN13: I day duri						eapon o	n schoo	ı proper	ty (sucr	ı as a gu	ın, Knife	e, or clu	o, on at	least 1			
											3.5	4.4	4.7	5.9	Increased, 2013-2018	Not available¶	No chang
	-																
													for hui	nting			
QN14: I													for hui	nting 2.5	No linear change	Not available	No chang
															No linear change	Not available	No chan
	sport such	ch as tar	rget shoo	oting, or	n at leas	t 1 day of	during tl	with a v	onths be	efore the	e surve	v)	2.7	2.5	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.

White* Injury a	nd Violo	ence		H	lealth R	lisk Bel	navior a	and Perc	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	-		2010-2018
	Percenta before th			who wer	e in a p	hysical	fight on	school	property	(one o	r more	imes du	ring the	: 12			
months	before ti	ic sui ve	·y)								7.7	7.5	7.2	7.8	No linear change	Not available¶	No change
someone with an	Percenta e they w object or t with so	ere dati r weapo	ng or go n] one o	oing out or more	with [co	ounting aring the	such thi e 12 mo	ngs as b nths bef	eing hit	, slamm	ed into	someth	ng, or i	njured			
											10.7	10.5	9.3	9.8	No linear change	Not available	No change
QN23:	Percenta	ige of st	udents v	who wer	e bullie	d on sch	nool 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.

Vhite* njury a	nd Viol	ence															
				H	Iealth R	kisk 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	-		
		age of st									d throug	gh textii	ng, Insta	gram,			
											16.6	14.6	17.7	17.5	No linear change	Not available [¶]	No chang
		age of st									eks in a	row so	that the	у			
											29.7	27.8	30.7	33.4	No linear change	Not available	No chang
N26: iurvey)	Percenta	age of st	udents v	who seri	iously co	onsidere	d attem	pting su	icide (e	ver duri	ing the	12 mon	hs befo	re the	,		
											16.6	16.6	16.7	17.2	No linear change	Not available	No chang
	Percenta he surve	age of st	udents v	who mad	de a pla	n about	how the	y would	d attemp	t suicid	e (durir	ig the 1	2 month	S			
											13.7	12.7	13.0	14.3	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* Fobacco	Use																
				I	Health I	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: I survey)	Percenta	age of st	tudents	who cur	rently s	moked c	rigarette	s (on at	least 1 d	lay duri	ng the 3	30 days	before t	he			
•											17.7	11.8	9.2	5.2	Decreased, 2013-2018	Not available [¶]	Decrease
QNFRC			of stud	ents wh	o currer	ntly smo	ked ciga	rettes fi	requently	y (on 20) or mor	e days	during tl	ne 30			
uays oct	ore the	sui vey)									7.3	4.3	2.5	0.5	Decreased, 2013-2018	Not available	Decrease
QNDAY			ge of st	udents v	who curi	rently sn	noked ci	garettes	s daily (on all 30) days d	uring th	e 30 da	ys			·
		<i>J</i> /									5.0	2.9	1.9	0.5	Decreased, 2013-2018	Not available	Decrease
QN34: I vape pip eGo, and	es, vapi	ing pens															
coo, and	. 11a1O])	,										39.4	39.1	48.2	Increased, 2014-2018	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 Baltimore 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) 22.6 16.1 34.4 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) 2.5 2.0 7.1 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) Not available 1.3 1.6 4.5 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 26.3 20.8 35.8 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.

White* Fobacco	Use																
				Н	lealth R	tisk Beh	navior a	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	3		
(such as	a conve	age of st enience s students	store, su	ıpermark	ket, disc	ount sto	re, gas s	station, o	r vape	store, d	uring th	e 30 day					
													15.5	8.6	No linear change	Not available¶	No change
dissolva	ıble toba	age of st acco prod on at lea	ducts [st	uch as C	Copenhag	gen, Gri	zzly, Sk	coal, or C						nic			
													5.1	4.3	No linear change	Not available	No chang
			1 .														
-		age of st ays befor			rently sr	moked c	igars (ci	igars, cig	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 Baltimore 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)

22.6 16.3 14.4 11.3 Decreased, 2013-2018

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.

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

Not enough years of data to calculate.

Alcohol and Other	r Drug U	J se	Н	ealth R	isk Beh	avior a	nd Pero	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991 1993 1	1995 19	997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN40: Percentage	e of stude	ents w	ho had	their fii	st drink	of alco	hol befo	ore age 1	13 years	(other	than a f	ew sips)				
										17.4	17.0	16.5	12.6	Decreased, 2013-2018	Not available¶	No change
		_														
			ho curr	ently di	ank alco	ohol (at	least on	e drink	of alcol	nol, on a	at least	day dı	ring			
QN41: Percentage the 30 days before			ho curr	ently di	ank alco	ohol (at	least on	e drink	of alcol	nol, on a		day du 35.4	ring 29.8	Decreased, 2013-2018	Not available	No chan
	e the surv	ents w	ho curr	ently w	ere bing	ge drinki	ng (had	four or	more d	42.4	33.6	35.4 in a ro	29.8 w for	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 Otl	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: 1	Percenta	age of s	tudents v	who eve	r used r	narijuan	a (one c	or more	times du	iring the	eir life)						
											43.2	34.0	35.2	33.5	No linear change	Not available [¶]	No change
QN46: 1	Percenta	age of s	tudents	who trie	d mariji	uana for	the first	time be	efore ag	e 13 yea	ars						:
											7.8	8.2	5.7	5.6	No linear change	Not available	No change
QN47: I	Percenta	age of s	tudents	who cur	rently u	sed mar	ijuana (d	one or n	nore tim	es durir	ng the 30	0 days b	efore th	ie			
541.057											26.3	20.6	21.2	20.7	No linear change	Not available	No change
QN48: 1	Percenta	age of s	tudents v	who eve	er used s	synthetic	marijua	ana (one	or mor	e times	during	their life	e)	•			
												8.4	5.5	4.3	Decreased, 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.

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

Alconor	and Otl	iei Diu	g Ose	H	Iealth R	Risk Bel	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			
differen	Percenta tly than odone, a	how a d	octor to	ld them	to use i	t (count	ng drug	s such a									
													13.7	11.2	No linear change	Not available [¶]	No chang
	Percenta				r used c	cocaine (any fori	n of coo	caine, in	cluding	powder	r, crack,	or free	oase,			
one or r											5.2	3.4	2.5	3.6	No linear change	Not available	37 1
one or i											3.2	3.4	2.5	3.0	110 Inical change	Not available	No chang
QN52:	Percenta		udents	who eve	r used h	neroin (a	lso calle	ed "sma	ck," "jur	nk," or "					- Two initial change	Not available	No chang
QN52:			udents	who eve	r used h	neroin (a	lso calle	ed "smad	ck," "jur	nk," or "					No linear change	Not available	No chang
QN52: imes do		ir life) ge of st	udents v	who eve	er used n	nethamp					'China V	White,"	one or r	nore			

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

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

				H	Iealth R	disk 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	3		
QN54:	Percenta	age of s	tudents	who eve	r used e	cstasy (a	also call	ed "MD)MA," c	one or m	ore tin	nes durii	ng their	life)			
											8.4	5.3	3.4	3.5	Decreased, 2013-2018	Not available¶	No chang
						ed any il	legal dri	ug (used	l a need	le to inj					Decreased, 2013-2018	Not available [¶]	No chang
QN56: body, or						ed any il	legal dr	ug (usec	l a need	le to inj					Decreased, 2013-2018 No linear change	Not available [¶] Not available	No chang
body, or	ne or mo	ore time	s during	their lif	e)				·		ect any	illegal	drug int	o their			
body, or QN57:		age of s	s during	their lif	e)				·		ect any	illegal	drug int	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.

Maryland High School Survey Baltimore 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 2005 2007 2009 2011 2013 2014 2016 2018 QN58: Percentage of students who ever had sexual intercourse Not available ¶ 32.9 32.1 Decreased, 2013-2018 No change 43.4 QN59: Percentage of students who had sexual intercourse for the first time before age 13 years 4.3 2.9 Decreased, 2013-2018 Not available No change 2.4 2.5 QN60: Percentage of students who had sexual intercourse with four or more persons during their life 10.5 7.3 8.0 Decreased, 2013-2018 Not available No change

31.6 23.7

23.9

23.1

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)

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 Baltimore 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 2005 2007 2009 2011 2013 2014 2016 2018

QN84: Percentage of students who were ever tested for human immunodeficiency virus (HIV) (not counting tests done if they donated blood)

11.7 12.1 12.2

No linear change

Not available ¶

No change

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

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

Not enough years of data to calculate.

				I	Health F	Risk Beh	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	-		
	T: Perco											tile for t	oody ma	ıss			
											13.5	12.6	12.3	14.6	No linear change	Not available	No chang
	ESE: Pe								ile for b	ody mas	ss index	, based	on sex-	and			
											10.6	10.4	12.0	11.8	No linear change	Not available	No chang
QN67:	Percenta	age of st	udents	who des	scribed t	hemselv	es as sli	ghtly or	r very ov	verweig	ht						
											28.2	25.9	28.6	29.4	No linear change	Not available	No chang
ON69:	Percenta		tudents	who did	l not drii	nk fruit j	uice (10	00% frui	it juices	one or i	more tin	nes duri	ng the 7	days			·
efore t	iic sui ve	<i>J</i> /															

^{*}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.

Veight N	8			-	Health R	lisk 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		
QN70: 1	Percenta	age of st	tudents	who did	not eat	fruit (or	ne or mo	ore times	during	the 7 d	ays befo	ore the s	urvey)				
											12.4	12.3	14.0	14.2	No linear change	Not available [¶]	No chang
QNFR0:	Percer	ntage of	student	s who d	id not ea	at fruit o	or drink	100% fr	uit juice	es (such					No linear change	Not available [¶]	No chang
QNFR0: or grape							or drink	100% fr	uit juice	es (such	as orar	ige juice	, apple	juice,			No chang
							or drink	100% fr	uit juice	es (such					No linear change No linear change	Not available [¶] Not available	No chang
or grape QNFR1:	juice, d	luring th	ne 7 day	s before		vey) or drank	100% f	ruit juic	es one o		as oran	ige juice	e, apple	juice, 7.6			

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

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

veignt	Manage	ement a	na Diet	ary Beł I		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	_		
	: Percei juice, ap									or more	times p	er day (such as				
											29.9	28.3	25.0	24.4	Decreased, 2013-2018	Not available¶	No chang
QN71:	Percenta	age of st	tudents	who did	not eat	green sa	alad (on	e or mo	re times	during	the 7 da	ıys befo	re the su	ırvey)	+		
											35.2	39.4	40.5	44.6	Increased, 2013-2018	Not available	No chang
QN72:	Percenta	age of st	tudents	who did	not eat	potatoes	s (one or	r more t	imes du	ring the	7 days	before t	the surv	ey)	+		
											30.4	32.9	29.7	38.5	Increased, 2013-2018	Not available	Increased
QN73:	Percenta	age of st	tudents	who did	not eat	carrots	(one or	more tir	nes duri	ng the 7	7 days b	efore th	e survey	7)			
													47.1	49.1	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.

			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			
QN74: Percent survey)	tage of s	tudents v	who did	not eat	other ve	getable	s (one o	r more t	imes du	iring the	e 7 days	before	the			
survey)										12.4	14.2	15.6	16.0	No linear change	Not available¶	No change
QNVEG0: Per potatoes, or pot											ng Frenc	ch fries,	fried 6.5	No linear change	Not available	No change
	ato chip	s], carro	ts, or otl	her vege	etables,	during t	he 7 day	s before	e the sur	4.9	5.8	6.3	6.5	No linear change	Not available	No chang
potatoes, or pot	centage	s], carro	ts, or oth	ate veg	etables,	during the	he 7 day	es per d	e the sur	4.9 en salad	5.8	6.3 es [excl	6.5 uding	No linear change	Not available	N

^{*}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.

Weight N	···			-		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	<u> </u>		
QNVEG French f																	
											25.5	25.6	24.5	22.4	No linear change	Not available¶	No change
															C		ε
[excluding properties of the content														e the			
QNVEG [excludin survey)												he 7 day		e the 9.8	No linear change	Not available	No change
[excludi	ng Frence	age of si	, fried po	otatoes,	or potat	o chips]	, carrots	or glass	of soda	ables, d	luring th	he 7 day	s before	9.8		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.

			H	lealth R	Risk Beh	avior a	nd Pero	centage	S					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991 1993	3 1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	•		
QNSODA1:													ay	•		
such as Coke	, Pepsi, o	r Sprite,	not cou	nting die	et soda c	or diet p	op, duri	ng the 7	' days be	efore th	e surve	y)				
				_		•	•	Ü	3			, ,				

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

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

Maryland High School Survey Baltimore 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 2018 QN78: Percentage of students who were physically active at least 60 minutes per day on 5 or more days (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey) 46.4 39.9 36.7 33.6 Decreased, 2013-2018 Not available ¶ No change QNPA0DAY: Percentage of students who did not participate in at least 60 minutes of physical activity on at least 1 day (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey) 12.3 14.7 16.4 19.6 Increased, 2013-2018 Not available No change QNPA7DAY: Percentage of students who were physically active at least 60 minutes per day on all 7 days (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey) 24.6 21.9 18.4 18.7 Decreased, 2013-2018 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.

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

Not enough years of data to calculate.

Maryland High School Survey Baltimore 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 2018 ON79: Percentage of students who watched television 3 or more hours per day (on an average school day) 28.3 23.2 21.1 21.1 Decreased, 2013-2018 Not available ¶ No change QN80: Percentage of students who played video or computer games or used a computer 3 or more hours per day (counting time spent on things such as Xbox, PlayStation, an iPad or other tablet, a smartphone, texting, YouTube, Instagram, Facebook, or other social media, for something that was not school work, on an average school day) 39.8 39.4 43.0 51.2 Increased, 2013-2018 Not available Increased QN81: Percentage of students who attended physical education (PE) classes on 1 or more days (in an average week when they were in school) 34.3 44.1 40.2 42.5 No linear change Not available No change

^{*}Non-Hispanic.

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

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

Not enough years of data to calculate.

Maryland High School Survey Baltimore 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 2018 QNDLYPE: Percentage of students who attended physical education (PE) classes on all 5 days (in an average week when they were in school) 22.0 3.6 5.8 Decreased, 2013-2018 Not available ¶ No change 3.3 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)

16.0 14.9

No linear change

Not available

No change

^{*}Non-Hispanic.

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

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

Not enough years of data to calculate.

White* Other																	
				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	-		
QN86: I during th						st (for a	check-ı	ıp, exan	n, teeth	cleaning	g, or oth	er denta	ıl work,	,			
C			orore the	, gai vey	,							81.4	79.9	80.9	No linear change	Not available [¶]	No change
QNNOD		·	·		·	r saw a	dentist (for a che	eck-up,	exam, to	eeth cle				No linear change	Not available¶	No change
,		·	·		·	r saw a o	dentist (for a cho	eck-up,	exam, to	eeth cle				No linear change No linear change	Not available [¶] Not available	No change
QNNOD		·	·		·	r saw a o	dentist (for a cho	eck-up,	exam, to	eeth cle	aning, o	or other	dental			
QNNOD	DNT: Pe	ercentag	ge of stud	dents w	ho never							aning, o	or other	dental			

^{*}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.

Site-Add	led			I	Health I	Risk Beł	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:	Percent	age of s	tudents	who are	transge	nder							2.1	1.2	No linear change	Not available [¶]	No change
QN93: before the									g (on at	least 1	day dur	ing the	30 days 30.3	36.2	No linear change	Not available	No change
QN94:	Percent	age of s	tudents	who sm	oked a v	whole ci	garette b	efore a	ge 13 ye	ears (for	the first	7.1	4.5	4.8	Decreased, 2013-2018	Not available	No change
QN98: day duri						bacco in	a hooka	h, nargl	hile, or o	other typ	pe of wa	aterpipe	(on at le	3.2	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 Baltimore 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) 94.8 97.3 95.8 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 11.3 17.5 Increased, 2016-2018 Not available Increased QN102: Percentage of students who think they definitely or probably will smoke a cigarette, cigar, cigarillo, or little cigar in the next year 20.0 14.6 No linear change Not available No change

16.2 12.3

8.9

Decreased, 2013-2018

Not available

survey)

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

No change

^{*}Non-Hispanic.

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

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

Not enough years of data to calculate.

Maryland High School Survey **Baltimore County Trend Analysis Report**

White*

				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	_		
QN104: the surv	Percen	tage of	students	who tri	ed or us	sed toba	cco prod	lucts for	r the firs	t time (during t	he 12 n	nonths b	efore			
												12.6	9.3	11.7	No linear change	Not available [¶]	No change
QN106:	Percen	tage of	students	who liv	e with	someone	e who no	ow smo	kes ciga	rettes o	r cigars	•	•				
											46.0	41.7	36.1	36.0	Decreased, 2013-2018	Not available	No change
	Percen									home i	s that sr	noking	is not				
													78.7	79.1	No linear change	Not available	No change
	Percen				ere in th	ne same	room wi	ith some	eone wh	o was s	moking	(on at 1	east one	day			
during t																	

^{*}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	kisk Beh	avior 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		
QN110: school y		tage of	students	who we	ere taug	ht in the	ir classe	es about	the dan	gers of	tobacco	use (d	iring the	last			
											66.9	56.9	54.1	58.6	Decreased, 2013-2018	Not available [¶]	No chang
	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	· · · · · · · · · · · · · · · · · · ·		
	Percen	tage of	students	who sa	y defini	tely yes	or prob	ably yes	s that yo	oung peo	ople wh	o smoke 27.9	e have n	35.8	No linear change	Not available	No chang
riends	Percen				-	tely yes				,	31.1	27.9	29.8	35.8	No linear change	Not available	No chang
N118:	Percen				-					,	31.1	27.9	29.8	35.8	No linear change Increased, 2013-2018	Not available Not available	No chang
N118: ON119:	Percen it in	tage of	students	who sa	y defini		or proba	ably yes	s that sm	noking r	31.1 makes y 17.2	27.9 oung po 16.7	29.8 cople loo 19.5	35.8 ok 25.0			

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

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

Black* njury a	nd Viol	ence															
				H	Iealth R	lisk 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	_		
	ercentag times d						ho had l	been dri	nking al	lcohol (in a car	or othe	r vehicl	e, one			
		C	j			3,					19.3	15.8	13.9	17.6	No linear change	Not available¶	No chang
times du	Percentauring the	30 day															,
j		37									5.4	3.6	4.2	3.4	No linear change	Not available	No chang
ON11:	Percenta																
the 30 d survey)	ays befo	ore the s	urvey, a	mong st	udents	wno nac	unven	a car or	other v	cilicic u	uring u	10 00 u c	,				

^{*}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	Health 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	_		
					ried a w	eapon o	n schoo	proper	ty (such	as a gu	n, knife	, or clul	o, on at	least 1			
uay duri	ing the 3	oo days i	berore u	ie sui ve	у)						4.7	5.5	9.6	7.5	Increased, 2013-2018	Not available¶	No change
					ried a gu								for hur	nting			,
			C	<i>U</i>		J	C				,	,	6.7	4.4	No linear change	Not available	No chang
					re threat					on scho	ol prope	erty (suc	h as a g	un,			,
QN16: knife, oi	r club, o	ne or m			J				• /								

^{*}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.

Injury a	nd Viol	ence		Н	ealth R	tisk 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	-		
QN18: months				who wer	e in a pl	hysical	fight on	school	property	(one o						N	
											18.5	19.0	19.3	17.3	No linear change	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 aring the	such thi	ngs as b nths bef	eing hit	, slamm	ed into	someth	ing, or	injured			
											11.9	9.8	10.6	13.1	No linear change	Not available	No change
					-	·	-		-								
QN23:	Percenta	age of st	udents v	vho wer	e bullie	d on sch	nool pro	perty (e	ver duri	ng the 1	2 mont	hs befo	re the si	ırvey)			

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

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

Black* Injury a	nd Viol	ence															
				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	-		
		age of st her socia									d throug	gh textir	ıg, Insta	gram,			
											9.6	10.0	11.2	13.2	Increased, 2013-2018	Not available¶	No chang
QN25:	Percenta doing so	age of st	tudents	who felt ities, ev	sad or l	nopeless g the 12	s (almos months	t every of before	day for a	>=2 weerey)	eks in a	row so	that the	у			
											26.9	24.0	27.1	33.4	Increased, 2013-2018	Not available	Increase
QN26:	Percenta	age of st	tudents	who ser	iously c	onsidere	d attem	pting su	icide (e	ver duri	ng the	12 mont	hs befor	re the			,
											16.9	12.9	16.6	17.9	No linear change	Not available	No chang
	Percenta he surve	age of st	tudents	who ma	de a pla	n about	how the	y would	l attemp	t suicid	e (durin	ng the 12	2 month	S			
											12.7	11.8	14.8	17.7	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.

Black* Tobacco Us	se																
				H	Iealth F	Risk Bel	navior a	nd Per	centage	S					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991 1	993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN32: Per survey)	rcenta	ge of st	udents	who cur	rently s	moked c	igarette	s (on at	least 1	day duri	ng the 3	30 days	before	he			
											6.2	4.8	6.7	2.9	Decreased, 2013-2018	Not available¶	Decreased
QNFRCIG			of stud	ents who	o curren	itly smo	ked ciga	arettes fi	requentl	y (on 20) or moi	re days	during t	he 30			
											1.4	0.8	1.4	0.4	No linear change	Not available	No chang
QNDAYCI			ge of st	udents v	vho curi	ently sn	noked c	igarettes	s daily (on all 30	O days d	luring th	ne 30 da	ys			
											0.9	0.6	1.2	0.2	No linear change	Not available	Decrease
QN34: Per vape pipes, eGo, and H	, vapii																· · · · · · · · · · · · · · · · · · ·
-,	1/											36.3	38.7	35.8	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.

lack* obacco Use																
			H	lealth R	disk Bel	avior 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	-		
N35: Percent pipes, vape pi lus, eGo, and	ipes, vap	ing pen	s, e-hool	kahs, an	d hooka	h pens	[such as	blu, N.								
											17.2	11.2	15.0	No linear change	Not available¶	No chang
NFREVP: Pe				o currer	ntly used	l electro	nic vap	or prodi	ucts free	quently ((on 20 o	r more	days			
											1.0	0.6	1.2	No linear change	Not available	No chang
NDAYEVP: he 30 days before			udents v	vho cur	rently us	sed elec	tronic v	apor pro	oducts d	aily (on	all 30 c	lays du	ring			
											0.8	0.1	0.6	No linear change	Not available	No chang
NTB5: Perce					smoked	cigaret	tes or u	sed elec	tronic v	apor pro	oducts ((on at le	east 1			
											20.0	15.7	17.1	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.

Maryland High School Survey Baltimore County Trend Analysis Report

Black* **Tobacco Use Health Risk Behavior and Percentages** Linear Change[†] **Ouadratic Change**† Change from 2016-2018 § 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QN37: Percentage of students who currently used smokeless tobacco (chewing tobacco, snuff, dip, snus, or dissolvable tobacco products [such as Copenhagen, Grizzly, Skoal, or Camel Snus], not counting any electronic vapor products, on at least 1 day during the 30 days before the survey) 6.4 4.2 No linear change Not available ¶ No change QN38: Percentage of students who currently smoked cigars (cigars, cigarillos, or little cigars, on at least 1 day during the 30 days before the survey) 11.4 9.9 10.1 Decreased, 2013-2018 Not available Decreased QNTB2: Percentage of students who currently smoked cigarettes or cigars (on at least 1 day during the 30 days before the survey) Not available 14.7 12.5 13.3 6.0 Decreased, 2013-2018 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.

				H	Iealth R	disk Beh	navior 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	3		
QN40:	Percenta	age of st	tudents	who had	l their fi	rst drink	of alco	hol befo	ore age 1	13 years	(other	than a fe	ew sips)			
											19.2	16.6	18.2	17.6	No linear change	Not available [¶]	No chan
											17.2	10.0	10.2	17.0	140 illicar change	Not available	110 Chan
				who cur	rently di	rank alc	ohol (at	least on	e drink	of alcol					No finear change	Tvot available	T (O Chan
	Percenta ays befo			who cur	rently di	rank alc	ohol (at	least on	e drink	of alcoh						Not available	No chan
he 30 d QN42: Female s	Percenta	age of st	urvey) tudents	who cur who cur drinks (he surve	rently w	ere bing	ge drink	ing (had	four or	more d	23.9	17.6	day du	16.4			

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

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

Black* Alcohol a	and Otl	her Dru	ıg Use														
				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	-		
QN45: 1	Percenta	age of st	tudents	who eve	er used r	narijuan	a (one o	or more	times du	iring the	eir life)						
											36.8	33.0	37.3	32.0	No linear change	Not available [¶]	No change
QN46: 1	Percenta	age of st	tudents	who trie	d mariji	uana for	the first	time be	efore ag	e 13 yea	ars			•			,
											10.1	8.3	11.3	5.2	Decreased, 2013-2018	Not available	Decreased
QN47: I 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 b	efore th	ie			,
survey											18.0	16.5	20.1	15.6	No linear change	Not available	No change
QN48: I	Percenta	age of st	tudents	who eve	er used s	ynthetic	marijua	ana (one	or mor	e times	during	their life	e)				
												7.6	8.1	6.1	No linear change	Not available	No change

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

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

				H	lealth F	Risk Bel	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			
differer	Percenta tly than odone, a	how a d	loctor to	ld them	to use i	t (count	ng drug	s such a									
													13.8	17.7	No linear change	Not available [¶]	No chang
	Percenta nore tim				r used c	ocaine (any fori	m of coo	caine, in	cluding	powder	, crack,	or free	oase,			
											5.1	4.5	6.1	3.5	No linear change	Not available	No chang
QN52:	Percenta		udents	who eve	r used h	neroin (a	lso calle	ed "sma	ck," "jui	nk," or "					No linear change	Not available	No chang
QN52:			udents	who eve	r used h	neroin (a	lso calle	ed "smae	ck," "jur	nk," or "					No linear change	Not available Not available	No chang
QN52: times d		eir life) age of si	udents	who eve	r used n	nethamp					'China V	White," 4.0	one or r	more 3.8			

^{*}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	Iealth R	Risk 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	5 2018	8		
QN54: 1	Percenta	ige of s	tudents	who eve	r used e	cstasy (a	also call	ed "MD)MA," o	ne or m	ore tim	es durii	ng their	life)			
											6.6	5.9	6.5	4.0	No linear change	Not available¶	No change
						ed any il	legal dru	ug (used	l a need	le to inj				,	No linear change	Not available¶	No change
QN56: I						ed any il	legal dru	ug (usec	l a need	le to inj				,	No linear change	Not available Not available	No change
	e or mo	nge of s	s during	their lif	re)		_				ect any 3.4	illegal	drug in	to their 6.1			

^{*}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.

Black* Sexual B	Sehavior	es		H	Iealth F	Risk 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	_		
QN58:	Percenta	age of st	udents v	who eve	r had se	exual into	ercourse	;			46.5	42.2	40.2	37.1	Decreased, 2013-2018	Not available [¶]	No chang
QN59:	Percenta	nge of st	udents v	who had	l sexual	intercou	rse for t	he first	time be	fore age	e 13 yea	urs 8.8	6.4	5.3	Decreased, 2013-2018	Not available	No chang
QN60:	Percenta	age of st	udents	who had	l sexual	intercou	rse with	four o	more p	ersons	during t	heir life					
											15.9	13.0	12.6	9.0	Decreased, 2013-2018	Not available	No chang
	Percenta he 3 moi				re curre	ntly sexu	ially act	ive (had	l sexual	interco	urse wi	th at lea	st one po	erson,			
											29.3	28.8	25.1	22.6	Decreased, 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.

Maryland High School Survey Baltimore County Trend Analysis Report

Black* **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 2018

QN84: Percentage of students who were ever tested for human immunodeficiency virus (HIV) (not counting tests done if they donated blood)

> 18.8 22.0 19.0

No linear change

Not available ¶

No change

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

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

Not enough years of data to calculate.

				Н	Iealth R	Risk Bel	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	-		
					were over							tile for l	ody ma	ss			
											19.2	15.5	17.9	18.9	No linear change	Not available	No chang
					o had ol				le for b	ody mas	ss index	, based	on sex-	and			
											13.8	14.7	18.1	15.6	No linear change	Not available	No chang
QN67:	Percenta	age of st	udents v	vho des	cribed tl	hemselv	es as sli	ghtly or	very ov	verweigl		14.7	18.1	15.6	No linear change	Not available	No chang
QN67:	Percenta	age of st	udents v	who des	cribed tl	hemselv	es as sli	ghtly or	very ov	_		22.8	18.1 26.3	15.6 27.0	No linear change No linear change	Not available Not available	No chang
QN69:		age of st			cribed the		·				ht 24.1	22.8	26.3	27.0			

^{*}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.

				ieaith K	isk Beh	avior a	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	_		
N70: Percent	tage of	students	who did	not eat	fruit (on	e or mo	re times	during	the 7 da	ays befo	ore the s	urvey)				
										20.2	24.4	21.6	22.8	No linear change	Not available¶	No chang
NFR0: Perce						r drink 1	00% fr	uit juice	es (such	as oran	ge juice	, apple	juice,			
grape juice, o	during	ne / day	s before	the surv	ey)					7.1	9.3	10.2	10.9	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.

				H	Iealth 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	_		
			f student ce, or gra							or more	times p	er day (such as	•			
											33.1	29.5	26.8	30.3	No linear change	Not available [¶]	No change
											33.1	27.3	20.0		2		C
ON71.	Рамаам	togo of s	etudente.	who did	not sot	araan sa	alad (an		ma timas	dunina							
QN71:	Percen	tage of s	students	who did	not eat	green sa	alad (one	e or moi	re times	during	the 7 da	ys befo	re the si	•		Not available	
QN71:	Percen	tage of s	students	who did	not eat	green sa	nlad (on	e or mor	re times	during				arvey) 55.9	Increased, 2013-2018	Not available	No chang
			students				· · · · · · · · · · · · · · · · · · ·				the 7 da	sys before	re the si	55.9		Not available	
							· · · · · · · · · · · · · · · · · · ·				the 7 da	sys before	re the si	55.9		Not available Not available	
QN72:	Percen	tage of s		who did	not eat	potatoes	s (one or	r more t	imes du	ring the	the 7 days 27 days 42.9	before 48.9	59.4 the surv	55.9 ey) 50.6	Increased, 2013-2018		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	tisk Beh	avior a	nd Perc	entages	5					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
	Percenta	ige of st	udents v	vho did	not eat	other ve	getables	(one or	more ti	imes du	ring the	7 days	before t	the			
survey)											21.3	22.1	27.5	27.2	Increased, 2013-2018	Not available [¶]	No chang
									-								
							etables (during th					ig Frenc	h fries,	fried 12.7	No linear change	Not available	No chang
ootatoes	, or pota	to chips	s], carro	ts, or otl	ner vege	etables, o	during th	ne 7 day	s before	e the sur	9.3	11.7	11.5	12.7	No linear change	Not available	No chan
QNVEC	G1: Perc	entage (of stude	ts, or otl	ate vege	etables, o		ore time	s before	e the sur	9.3 en salad	11.7	11.5	12.7	No linear change	Not available	No cha

^{*}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	tisk 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	<u> </u>		
												l, potato efore the					
											22.1	19.8	17.5	17.1	Decreased, 2013-2018	Not available¶	No chang
[excludi												ad, potat ne 7 days		the			
														the 8.7	Decreased, 2013-2018	Not available	No chang
[excludi survey) QN75:	ng Fren	age of si	, fried po	otatoes,	or potat	o chips]	, carrots	or glass	er veget	ables, d	luring tl	ne 7 days	9.9	8.7	Decreased, 2013-2018	Not available	No chanş

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

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

Health Risk Behavior and Percentages											Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §				
1991 1	993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
														lay			
										7 days be	efore the	e surve			No linear change	Not available [¶]	No chan
										7 days be	efore the	e surve	y) _		No linear change	Not available [¶]	No cha
QNSODA1 such as Co	oke, Pe	epsi, or	Sprite	, not cou	inting di	iet soda (or diet p	oop, duri	of soda of	7 days be	20.2 vo or m	e surve	16.6 es per c	16.9	No linear change	Not available [¶]	No ch

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

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

Black* Physical	Activit	y															
	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		
QN78: I kind of p days befo	hysical	activity															
											37.2	33.4	28.7	27.0	Decreased, 2013-2018	Not available¶	No change
QNPA0I 1 day (in during th	any kii	nd of ph	ysical a	ctivity t													
											21.1	21.7	25.3	30.4	Increased, 2013-2018	Not available	No change
QNPA7I kind of p days befo	hysical	activity															
											18.2	17.6	16.8	14.3	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.

	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		
N79: P	ercenta	ige of st	udents v	who wat	ched tel	evision	3 or mo	re hours	s per da	y (on an	averag	e schoo	ol day)				
											45.4	40.1	33.8	27.5	Decreased, 2013-2018	Not available¶	Decreas
															,		
counting	time s	pent on	things s	uch as 2	Xbox, Pl	ayStatio	on, an iF	ad or o	ther tab	let, a sm	ter 3 or	ne, texti	ours per	ıTube,	Increased, 2013-2018	Not available	Increas
N80: P counting nstagram	g time s n, Facel	pent on book, or	things s r other s	uch as 2 ocial me	Xbox, Pledia, for	ayStatic someth	on, an iF ing that	ad or of was not	ther tabl	let, a sm work, c	ter 3 or nartphon on an av	ne, texti verage s 36.0	ours per ng, You chool d 42.3	aTube, ay) 49.1		Not available	Increas

^{*}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 Baltimore County Trend Analysis Report

Black* **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 2018 QNDLYPE: Percentage of students who attended physical education (PE) classes on all 5 days (in an average week when they were in school) 22.6 4.3 4.2 Decreased, 2013-2018 Not available ¶ Decreased 6.6 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) 16.8 16.9 No linear change Not available No change

^{*}Non-Hispanic.

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

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

Not enough years of data to calculate.

Black* Other																	
				H	lealth R	Risk 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	_		
QN86: I						st (for a	check-u	ıp, exan	n, teeth	cleaning	g, or oth	er dent	al work	,	•		
during th	ie 12 m	ontns be	erore the	survey)												
												68.9	70.3	69.0	No linear change	Not available [¶]	No change
		,						·		,		68.9	70.3	69.0	No linear change	Not available¶	No chang
QNNOD	ONT: Pe	ercentag	·			r saw a o	dentist (for a cho	eck-up,	exam, t	eeth cle				No linear change	Not available [¶]	No chang
QNNOD work)	ONT: Pe	ercentag	·			r saw a o	dentist (for a cho	eck-up,	exam, t	eeth cle				No linear change	Not available¶	No chang
		_	ge of stu	dents w	ho neve							aning, o	or other	dental			

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

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

Black* Site-Add														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>		
QN90: 1	Percenta	nge of st	tudents	who are	transge	nder						:	4.2	0.6	Decreased, 2016-2018	Not available [¶]	Decreased
QN93: before the	Percenta ne surve	nge of st y, amor	tudents ng stude	who talk	ked on a drove a	cell pho	one whil	e drivin	g (on at	least 1	day dur	ing the	30 days 22.8	24.9	No linear change	Not available	No change
QN94: 1	Percenta	age of st	tudents	who smo	oked a v	vhole ci	garette b	efore a	ge 13 ye	ears (for	the firs	t time) 5.9	8.2	2.8	Decreased, 2013-2018	Not available	Decreased
QN98: day duri						oacco in	a hooka	h, narg	hile, or o	other typ	e of wa	nterpipe	(on at le	east 1 3.4	Decreased, 2016-2018	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.

Maryland High School Survey Baltimore County Trend Analysis Report

Black* 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) 90.8 94.3 95.2 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 6.3 10.2 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 17.7 11.8 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 11.1 9.4 7.3

^{*}Non-Hispanic.

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

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

Not enough years of data to calculate.

Maryland High School Survey **Baltimore County Trend Analysis Report**

Plool:*

				H	Health F	Risk 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	3		
QN104: the surv		tage of	students	who tri	ied or us	sed tobac	eco prod	lucts for	the firs	t time (during t	he 12 m	nonths b	efore			
												9.3	7.9	4.7	Decreased, 2014-2018	Not available¶	Decreased
QN106:	Percen	tage of	students	who liv	ve with	someone	who no	ow smol	kes ciga	rettes of	r cigars						,
											-	35.5	31.9	25.8	Decreased, 2013-2018	Not available	Decreased
QN107: allowed										home i	s that sr	noking	is not				
													79.1	77.5	No linear change	Not available	No change
QN108:	Percen he 7 day				ere in th	e same	oom wi	th some	one wh	o was s	moking	(on at l	east one	day			
during ti																	

^{*}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	kisk Beh	avior 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			
QN110: school y		tage of	students	who we	ere taug	ht in the	ir classe	es about	the dan	gers of	tobacco	use (d	iring the	last			
											66.2	53.8	53.3	51.4	Decreased, 2013-2018	Not available [¶]	No change
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	have n	nore			
	Percen	tage of	students	who sa	y defini	tely yes	or prob	ably yes	s that yo	oung peo	ople wh	o smok 49.9	53.0	50.6	No linear change	Not available	No chang
friends	Percen	_			-	tely yes					55.2	49.9	53.0	50.6	No linear change	Not available	No chang
Priends QN118:	Percen	_			-						55.2	49.9	53.0	50.6	No linear change No linear change	Not available Not available	No chang
QN118: QN118: QN119:	Percent in Percen	tage of	students	who sa	y defini		or proba	ably yes	s that sn	noking r	55.2 makes y 29.5	49.9 coung po 25.7	53.0 cople local 31.3	50.6 ok 25.9			

^{*}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 Baltimore 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) 27.5 19.5 17.7 16.0 No linear change 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) 12.5 8.0 11.8 8.4 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) 9.1 8.3 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.

.ju.	ıd Viole			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	-		
	Percenta r club, or									on scho	ol prop	erty (su	ch as a g	gun,			
											18.7	14.0	11.7	15.2	No linear change	Not available§	No change
	Percenta before th			who wei	re in a p	hysical	fight on	school	property	(one of	r more	times du	iring the	e 12			,
											22.8	19.7	14.7	15.5	No linear change	Not available	No change
someone with an	Percenta e they w object of t with so	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	ed into	someth	ing, or i	njured			

^{*}Based on trend analyses using a logistic regression model controlling 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	ıd Viole	ence		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			
QN23:	Percenta	age of st	udents	who we	re bullie	d on sch	nool pro	perty (e	ver duri	ng the 1	2 mont	hs befo	re the su	ırvey)			
											24.2	18.8	22.3	19.5	No linear change	Not available§	No change
QN24:											d throug	gh textii	ng, Insta	gram,			
											20.4	16.8	17.6	14.1	No linear change	Not available	No change
QN25: stopped											eks in a	row so	that the	y			
											40.7	35.1	42.7	36.8	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.

Maryland High School Survey Baltimore County Trend Analysis Report

Hispanic **Injury and Violence** 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 QN26: Percentage of students who seriously considered attempting suicide (ever during the 12 months before the survey) 28.2 19.3 27.4 13.5 Decreased, 2013-2018 Not available§ Decreased QN27: Percentage of students who made a plan about how they would attempt suicide (during the 12 months before the survey) 22.1 15.2 22.0 17.6 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.

ispanic obacco																	
				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	_		
QN32: survey)	Percenta	age of st	tudents	who cur	rently s	moked o	cigarette	s (on at	least 1 d	lay duri	ng the 3	30 days	before t	he			
											21.0	12.1	12.5	4.3	Decreased, 2013-2018	Not available§	Decreased
QNFRC				ents wh	o currer	ntly smo	ked ciga	rettes fi	requently	y (on 20	or mo	re days	during t	ne 30			
	IG: Perfore the			ents wh	o currer	ntly smo	ked ciga	nrettes fi	requentl	y (on 20	7.4	re days	during th	ne 30	Decreased, 2013-2018	Not available	No change
days bef	fore the	survey) Percenta				rently smo					7.4	3.9	3.5	1.0	Decreased, 2013-2018	Not available	No change
days bef	fore the	survey) Percenta									7.4	3.9	3.5	1.0	Decreased, 2013-2018 No linear change	Not available Not available	No change
QNDAY Defore the	YCIG: I he surve	Percentary) age of sting pens	ge of st	udents v	who curr		noked c	igarettes	s daily (on all 30	7.4 O days d 5.9	3.9 luring th	3.5 ne 30 da 2.8	1.0 ys 1.0 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.

Maryland High School Survey Baltimore County Trend Analysis Report

Hispanic **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 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) 22.6 17.9 22.5 No linear change Not available§ No change QNFREVP: Percentage of students who currently used electronic vapor products frequently (on 20 or more days during the 30 days before the survey) 3.5 3.8 5.4 No linear change Not available No change QNDAYEVP: Percentage of students who currently used electronic vapor products daily (on all 30 days during the 30 days before the survey) 1.7 3.3 3.6 No linear change Not available No change 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) 28.2 24.1 25.5 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 Tobacco				Н	ealth Ri	sk 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	3		
QN37: dissolva vapor pi	ble toba	cco pro	ducts [si	uch as C	Copenha	gen, Gri	zzly, Sk	coal, or (nic			
	·		•			·		•					9.9	4.2	No linear change	Not available [§]	Decreased
QN38:	Percenta he 30 da				rently si	noked c	igars (c	igars, ci	garillos.	or little	e cigars.	on at le	east 1 da	ıy			
during t																	
during t											18.7	14.9	16.8	11.9	No linear change	Not available	No change
QNTB2 before the			student	s who c	urrently	smoked	cigaret	tes or ci	gars (or	at leas					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 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	5 2018	_		
QN40:	Percenta	age of s	tudents	who had	l their fi	rst drink	of alco	hol befo	ore age	13 years	s (other	than a	ew sips	3)			
											28.5	20.5	22.1	19.8	No linear change	Not available [§]	No change
QN41: the 30 d				who cur	rently d	rank alc	ohol (at	least or	ne drink	of alco	hol, on	at least	1 day d	uring			
	·		• •								35.7	23.9	26.8	24.9	No linear change	Not available	No change
QN42: female s day duri	tudents	or five	or more	drinks o	of alcoh												
													15.4	13.0	No linear change	Not available	No change

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

[§]Not enough years of data to calculate.

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	<u> </u>		
QN45:	Percenta	age of s	tudents	who eve	er used i	narijuan	ıa (one o	or more	times du	aring the	eir life)						
											44.9	38.3	35.7	30.5	Decreased, 2013-2018	Not available§	No change
QN46:	Percent	age of s	tudents	who trie	d marij	uana for	the firs	t time b	efore ag	e 13 yea	ars						
											15.4	15.1	10.2	8.7	Decreased, 2013-2018	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 3	0 days l	pefore th	ie			
•											25.8	22.8	19.5	14.1	Decreased, 2013-2018	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 lif	e)				
												13.5	10.3	7.1	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 Alcohol a	nd Oth	er Druş	g Use	**	141 D			1 D							*	0 1 d Cl *	CI 6
				H	ealth R	isk Beh	avior an	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			
QN49: 1 different Hydroco	ly than	how a c	loctor to	old them	to use i	t (count	ing drug	s such a									
													20.7	22.4	No linear change	Not available [§]	No change
QN50: I		_			er used o	cocaine (any fori	n of coo	caine, in	cluding	powde	r, crack	or free	base,			;
											12.0	12.2	9.3	6.0	No linear change	Not available	No change
QN52: I			tudents	who eve	er used h	neroin (a	lso calle	ed "sma	ck," "jur	ık," or '	'China '	White,"	one or	more			
											10.1	8.6	9.4	8.0	No linear change	Not available	No change
QN53: I							hetamir	nes (also	called	"speed,	" "cryst	al meth,	" "cranl	k,"			
											9.9	9.2	11.5	5.7	No linear change	Not available	Decreased

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

[§]Not enough years of data to calculate.

Change from
2016-2018 [†]
No change
No change
,
No change
_

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

Not enough years of data to calculate.

Maryland High School Survey Baltimore 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 54.4 33.6 26.4 Decreased, 2013-2018 Not available§ No change QN59: Percentage of students who had sexual intercourse for the first time before age 13 years 14.6 5.6 7.1 4.8 No linear change Not available No change

22.0 13.8

11.8 10.0

QN61: Percentage of students who were currently sexually active (had sexual intercourse with at least one person, during the 3 months before the survey)

43.2 27.6 23.6 21.3 Decreased, 2013-2018 Not available No change

Not available

No linear change

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

Hispanic

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 Sexual Be		s															
				Н	ealth R	isk Beh	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			
QN84: I		_		who we	re ever t	ested fo	r humar	immur	odeficie	ency vir	us (HIV) (not c	ounting	tests			
												18.0	22.3	19.5	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.

				Н	ealth Ri	sk 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			
	Γ: Perce											tile for l	ody ma	ss			
											18.4	22.7	14.0	16.2	No linear change	Not available [¶]	No change
	ESE: Per								le for bo	ody mas	ss index	, based	on sex-	and			
											12.3	14.8	20.7	18.7	Increased, 2013-2018	Not available	No change
			udonto r	vho desi	cribed tl	hemselv	es as sli	ghtly or	very ov	erweigl	ht	•					:
QN67:	Percenta	ige of st	udents v	viio acs													
QN67:	Percenta	ige of st	udents v	viio des							33.4	31.9	29.6	30.3	No linear change	Not available	No change
QN69:	Percenta Percenta	nge of st						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	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	•		
QN70:	Percenta	age of st	udents v	who did	not eat	fruit (or	ne or mo	ore times	s during	the 7 da	ays befo	ore the s	urvey)				
											19.8	17.8	19.2	19.0	No linear change	Not available§	No change
	e juice, d						r drink	100% fr	uit juice	es (such	as oran	ge juice	, apple	juice,			,
		_									9.8	9.6	10.5	12.9	No linear change	Not available	No change
ONED 1	: Percer									or more	times pe	er day (s	such as				
orange j	juice, ap	pie juice	, or gra	pe juice	, during	tile / da	iys ocio	ic the st	ai vey)								

^{*}Based on trend analyses using a logistic regression model controlling 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 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	_		
							100% f			or more	times p	er day (such as				
											29.3	28.3	25.7	25.2	No linear change	Not available§	No change
QN71:	Percent	age of s	tudents	who did	not eat	green sa	alad (on	e or mor	re times	during	the 7 da	ays befo	re the su		Increased, 2013-2018	Not available	No change
	, ,						alad (one				41.0	41.6	44.0	52.6	Increased, 2013-2018	Not available	No change
	, ,										41.0	41.6	44.0	52.6	Increased, 2013-2018 No linear change	Not available Not available	No change No change
QN72:	Percent	age of s	tudents	who did	not eat	potatoe		r more t	imes du	ring the	41.0 7 days 38.8	41.6 before t	44.0 he surv	52.6 ey) 41.3			

^{*}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.

				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			
QN74: survey)	Percenta	age of st	udents v	who did	not eat	other ve	getables	s (one or	r more t	imes du	ring the	e 7 days	before t	the			
											26.2	25.9	25.0	26.0	No linear change	Not available§	No change
	G0: Peros, or pota											ng Frenc	h fries,	fried			,
											13.6	13.9	11.0	10.8	No linear change	Not available	No change
										or: (omo	an calad	notato	es fexch	uding			
	G1: Pero fries, fri																

^{*}Based on trend analyses using a logistic regression model controlling 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	1					Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
												d, potato					
											23.1	28.0	22.8	24.3	No linear change	Not available§	No change
											23.1	20.0	22.0	24.3	110 Inicai change	1 (of a variable	110 change
[excludi											een sal	ad, potat	oes		Two inical change	Two available	Two change
											een sal	ad, potat	oes		No linear change	Not available	No change
[excludi survey) QN75:	ng Fren	age of s	, fried po	otatoes,	or potat	to chips]	, carrots	or glass	er veget	ables, d	een salduring the	ad, potat he 7 day	oes s before 14.0	the 9.6			

^{*}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.

				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		
ONSODA	Δ1· Per	centage	of stud	ents wh	o drank	a can l	hottle o	r glass o	of soda c	or non o	ne or m	ore tim	es ner d	av			
QNSODA such as 0														ay 12.9	Decreased, 2013-2018	Not available [§]	No chang
	Coke, P A2: Per	epsi, or	Sprite,	ents wh	nting di	et soda (or diet p	r glass o	ng the 7	or pop tv	21.2 wo or m	22.2 ore tim	y) 14.1 es per d	12.9	Decreased, 2013-2018	Not available [§]	No chang

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

[§]Not enough years of data to calculate.

Iispanic 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 j	physical	activity	that in														
,		,									30.5	29.6	25.9	32.1	No linear change	Not available§	No change
QNPA0 1 day (in during th	ı any kir	nd of ph	ysical a	ctivity the													
											23.4	24.8	25.8	29.6	No linear change	Not available	No change
QNPA7 kind of j	physical	activity	that in														
											15.5	15.4	13.2	16.3	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.

Iispanic Physical		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		
QN79:	Percenta	age of st	tudents v	who wat	tched te	levision	3 or mo	ore hour	s per da	y (on ar	averag	e schoo	l day)				
											35.8	27.2	22.6	16.4	Decreased, 2013-2018	Not available§	No change
QN80: (countin Instagra	g time s	spent on	things s	such as 2	Xbox, P	layStati	on, an il	Pad or o	ther tab	let, a sn	artphor	ie, texti	ng, You chool da	Tube,	No linear change	Not available	No change
QN81: week wh					ended pl	nysical e	ducation	n (PE) c	classes o	n 1 or n	nore day	s (in ar	averag	e			·
	Ĭ			,							44.8	46.4	42.1	43.4	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.

Maryland High School Survey Baltimore 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) Decreased, 2013-2018 Not available§ 26.0 6.1 5.1 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) 20.7 25.6 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.

Iispanic Other																	
				Н	ealth Ri	sk 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	-		
QN86: I						st (for a	check-ı	ıp, exan	n, teeth	cleaning	g, or oth	er dent	al work	,			
during th	ie 12 iii	onuis de	erore me	e survey)							66.4	63.7	67.9	No linear change	Not available [§]	No change
QNNOD work)	NT: P	ercentag	ge of stu	dents w	ho neve	r saw a o	dentist (for a ch	eck-up,	exam, t	eeth cle	aning, o	or other	dental			,
work)												4.8	4.6	4.1	No linear change	Not available	No change
QN87: I	Percenta	age of st	tudents v	who had	l ever be	en told	by a doo	ctor or n	urse tha	at they h	nad asthi	ma					
											31.6	26.9	23.6	33.2	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.

Hispanic Site-Add																	
				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	•		
QN90:	Percenta	age of st	tudents	who are	transge	nder							7.6	4.2	No linear change	Not available [§]	No change
QN94:	Percenta	age of st	tudents	who smo	oked a v	vhole ci	garette b	pefore a	ge 13 ye	ears (fo	the firs	t time)					
											15.9	9.3	12.9	7.7	No linear change	Not available	Decreased
QN98: day duri						pacco in	a hooka	nh, narg	hile, or	other ty	pe of wa	aterpipe	e (on at l	east 1			
													9.3	6.8	No linear change	Not available	No change
QN101: oil, or T			students	who ha	ive ever	used an	electro	nic vapo	or produ	ct to sn	noke ma	rijuana	, THC o	r hash			
													11.2	13.4	No linear change	Not available	No change

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

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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 QN102: Percentage of students who think they definitely or probably will smoke a cigarette, cigar, cigarillo, or little cigar in the next year 24.6 19.8 No linear change Not available§ No change 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)

the survey)

12.9 9.5 8.0 No linear change Not available No change

17.7 15.1 10.3 7.7

QN106: Percentage of students who live with someone who now smokes cigarettes or cigars

QN104: Percentage of students who tried or used tobacco products for the first time (during the 12 months before

41.4 38.4 36.5 30.9 Decreased, 2013-2018 Not available No change

Decreased, 2013-2018

Not available

Hispanic

No change

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

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

[§]Not enough years of data to calculate.

te-Adde	ed			Н	ealth R	isk 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			
						rule abo				home i	is that s	moking	is not				
													80.2	81.5	No linear change	Not available§	No change
	Percen he 7 day				ere in th	e same i	room wi	th some	eone wh	o was si	moking	(on at l	east one	e day			
													27.3	27.3	No linear change	Not available	No change
QN110: school y		tage of	students	who we	ere taug	ht in the	ir classe	es about	the dan	gers of	tobacco	use (di	iring the	e last			
											62.4	53.6	53.2	55.0	No linear change	Not available	No change
QN117: riends	Percen	tage of	students	who sa	y defini	tely yes	or prob	ably yes	s that yo	ung peo	ople who	o smoke	e have n	nore	,		

^{*}Based on trend analyses using a logistic regression model controlling 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	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			
QN118: cool or t		tage of	students	who sa	y definit	ely yes	or proba	ıbly yes	that sm	oking n	nakes yo	oung pe	ople loo	k			

74.1 69.0 73.1 68.9

No linear change

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 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.