Maryland High School Survey Cecil County Trend Analysis Report

				Н	ealth Ri	isk Beha	avior ar	nd Perco	entages						Linear Change [*]	Quadratic Change*	Change fron 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
_		-	dents wi e 30 day			driver w vey)	ho had l	oeen dri	nking al	cohol (i	n a car	or other	vehicle	one			

10.8 9.8

6.1

7.3 Decreased, 2013-2018

Not available

No change

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

[§]Not enough years of data to calculate.

		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	-		
			udents v urvey, a														
sur (ey)											35.3	30.5	29.1	35.5	No linear change	Not available [§]	No change
																	C
			udents v			eapon o	n school	proper	ty (such	as a gu	n, knife	, or club	o, on at l	east 1			
			udents voefore th			eapon o	n school	proper	ty (such	as a gu	n, knife	5.5	5, on at 1	east 1 4.2	No linear change	Not available	Decreased
day duri	ng the 3 Percenta	days l		ne surve	ried a gu	ın (not c	counting	the day	s when	they car	4.5 rried a g	5.5 gun only	5.9	4.2	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.

Cotal njury an	nd 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			
QN16: knife, or										on scho	ol prop	erty (suc	ch as a g	gun,			
											8.5	8.0	7.2	8.1	No linear change	Not available [§]	No change
QN18:				who wer	e in a p	hysical	fight on	school	property	(one or	r more	times du	iring the	: 12			
			•								10.6	10.4	8.4	9.8	No linear change	Not available	No change
QN22: someone with an went our	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 nths bef	eing hit	, slamm	ed into	someth	ing, or i	njured			
											11.0	10.7	9.2	10.6	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.

Total Injury and V	Violen	nce		Н	ealth R	isk Beh	avior aı	nd Perc	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	3		
QN23: Perc	centag	ge of st	udents	who we	re bullie	ed on scl	nool pro	perty (e	ver duri	ng the 1	2 mont	hs befor	re the su	ırvey)			
											23.6	24.7	21.9	20.6	Decreased, 2013-2018	Not available§	No change
QN24: Perc Facebook, o											d throug	gh textir	ıg, Insta	gram,			
											16.0	17.6	15.0	16.5	No linear change	Not available	No change
QN25: Perc stopped doin											eks in a	row so	that the	у			-
											27.5	29.4	29.7	34.4	Increased, 2013-2018	Not available	Increased

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

[§]Not enough years of data to calculate.

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Total **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) Not available§ 15.5 18.5 16.9 18.0 No linear change No change

12.6 15.7 13.5 15.2

No linear change

Not available

QN27: Percentage of students who made a plan about how they would attempt suicide (during the 12 months

before the survey)

No change

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

[§]Not enough years of data to calculate.

Fotal Fobacco	Use																
				Н	ealth R	tisk Beh	avior aı	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN32: survey)	Percent	age of s	tudents	who cur	rently s	moked o	cigarette	s (on at	least 1 o	day duri	ng the 3	30 days	before t	he			
											17.7	16.7	10.1	6.6	Decreased, 2013-2018	Not available [§]	Decreased
QNFRC days bef				ents wh	o currer	ntly smo	ked ciga	arettes fi	requentl	y (on 20) or mo	re days	during t	he 30			,
·											7.5	6.1	2.8	1.7	Decreased, 2013-2018	Not available	Decreased
QNDAY before th			ige of st	udents v	who cur	rently sr	noked c	igarettes	s daily (on all 30	O days c	luring th	ne 30 da	ys			
											5.7	4.9	2.4	1.4	Decreased, 2013-2018	Not available	No change
QN34: vape pip eGo, and	es, vapi	ing pens															
												46.6	43.4	54.0	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.

otal obacco	Use																
				Н	ealth R	isk Beh	avior ar	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN35: e-pipes, Plus, eG	vape pi	pes, var	oing pen	s, e-hoo	kahs, ar	nd hooka	h pens	[such as	blu, NJ	(includ OY, Vu	ling e-ci ise, Mar	garettes kTen, I	, e-ciga Logic, V	rs, ⁄apin			
												30.1	19.3	39.5	Increased, 2014-2018	Not available§	Increased
QNFRE during tl					no curre	ntly used	l electro	onic vap	or produ	icts free	quently ((on 20 c	or more	days	,		,
												4.5	3.3	10.4	Increased, 2014-2018	Not available	Increased
QNDAY the 30 d				tudents	who cur	rently us	sed elec	tronic v	apor pro	oducts d	aily (on	all 30 c	lays dui	ring			
												3.2	2.4	6.8	Increased, 2014-2018	Not available	Increased
QNTB5 day duri						smoked	l cigaret	tes or u	sed elec	tronic v	apor pro	oducts	(on at le	east 1	,		
-	-	·										35.3	23.5	41.0	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.

Fotal Fobacco	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	8		
QN36: (such as survey,	a conve	enience	store, su	ipermarl	ket, disc	ount sto	re, gas	station,	or vape	store, d	uring th	e 30 da					
													6.4	5.7	No linear change	Not available§	No change
QN37: dissolva vapor pi	ble toba	icco pro	ducts [s	uch as C	Copenha	gen, Gri	izzly, Sk	coal, or	Camel S					nic			
													6.0	6.1	No linear change	Not available	No change
QN38: during t					rently si	moked c	eigars (c	igars, ci	garillos	, or little	e cigars	on at le	east 1 da	ıy			
											14.8	14.8	10.3	8.2	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.

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Total **Tobacco Use**

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

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

23.3 22.2 15.0 11.5 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.

Fotal Alcohol a	nd Oth	er Druş	g Use	Н	ealth Ri	isk Beh	avior aı	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	3		
QN40:	Percenta	age of st	tudents	who had	l their fi	rst drink	of alco	hol befo	ore age	13 years	(other	than a f	ew sips)			
											20.5	20.8	16.6	17.2	Decreased, 2013-2018	Not available§	No change
QN41: 1 the 30 d		_		who cur	rently d	rank alc	ohol (at	least on	e drink	of alcol	hol, on	at least	1 day dı	ıring			-
ane 30 di	uy 5 0 0 10	ne uie s	ar (cy)								37.5	35.3	31.1	33.1	Decreased, 2013-2018	Not available	No change
QN42: female s day duri	tudents	or five	or more	drinks o	of alcoh												
													17.9	19.1	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.

Total Alcohol a	and Oth	er Drug	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	<u> </u>		
QN45:	Percent	age of s	tudents	who eve	r used r	narijuan	a (one c	or more	times dı	aring the	eir life)						
											41.9	38.0	34.8	35.4	Decreased, 2013-2018	Not available [§]	No change
QN46:	Percent	age of s	tudents	who trie	d marij	uana for	the first	time b	efore ag	e 13 yea	ars						
											11.0	10.4	8.1	8.1	Decreased, 2013-2018	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 3	0 days b	efore th	ie	,		,
•											23.9	23.8	20.9	23.3	No linear change	Not available	No change
QN48:	Percent	age of s	tudents	who eve	er used s	synthetic	marijua	ana (one	e or mor	e times	during	their life	e)				
												13.6	6.6	7.0	Decreased, 2014-2018	Not available	No change

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

[§]Not enough years of data to calculate.

Total Alcohol a	nd Oth	er Dru	g Use														
				Н	ealth R	isk Beh	avior ar	nd Perc	entages						Linear Change [*]	Quadratic Change*	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN49: different Hydroco	tly than	how a c	doctor to	old them	to use i	it (count	ing drug	s such a									
													13.3	13.4	No linear change	Not available§	No change
QN50: one or m		_			er used o	cocaine (any fori	m of coo	caine, in	cluding	g powde	r, crack	or free	base,			
											6.5	5.6	4.6	4.5	Decreased, 2013-2018	Not available	No change
QN52: times du			tudents	who eve	er used l	neroin (a	lso calle	ed "sma	ck," "jui	nk," or '	"China	White,"	one or i	more			
											4.5	4.2	2.7	2.5	Decreased, 2013-2018	Not available	No change
QN53: "ice," or							hetamir	nes (also	called	"speed,	" "cryst	al meth,	" "cranl	ζ,"			
											4.1	4.5	3.2	2.7	Decreased, 2013-2018	Not available	No change

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

[§]Not enough years of data to calculate.

Total Alcohol a	nd Oth	er Druş	g 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	201	8		
QN54:	Percenta	age of s	tudents	who eve	er used e	ecstasy (also call	led "MD	MA," c	one or m	nore tim	es durin	g their	life)			
											7.4	6.7	5.1	4.3	Decreased, 2013-2018	Not available [§]	No change
QN56: body, or						ed any il	llegal dr	ug (used	l a need	lle to inj	ect any	illegal o	drug into	o their			
											3.6	3.4	3.5	2.8	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 (di	uring th	e 12			-
											25.6	25.7	16.1	19.5	Decreased, 2013-2018	Not available	Increased

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

[§]Not enough years of data to calculate.

Maryland High School Survey Cecil County Trend Analysis Report

Total

Sexual Be	enaviors	•		Н	ealth R	isk Beha	avior an	d Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN58: 1	Percenta	ige of st	tudents	who eve	er had se	exual into	ercourse	;			48.3	43.2	39.2	38.7	Decreased, 2013-2018	Not available [§]	No change
QN59: 1	Percenta	nge of st	tudents	who had	l sexual	intercou	irse for t	he first	time be	fore age	e 13 yea 6.0	rs 4.9	4.0	3.6	Decreased, 2013-2018	Not available	No change
QN60: 1	Percenta	ige of st	tudents	who had	l sexual	intercou	ırse with	four o	more p	ersons	during t	heir life					
											14.1	11.5	8.0	7.3	Decreased, 2013-2018	Not available	No change
QN61: I					re curre	ntly sexu	ıally act	ive (had	l sexual	interco	urse wit	h at leas	st one pe	erson,			
											36.0	31.8	27.5	28.8	Decreased, 2013-2018	Not available	No change

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

[§]Not enough years of data to calculate.

				Н	ealth Ri	isk Beh	avior an	nd Perco	entages						Linear Change*	Quadratic Change* Not available [§]	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
	Percenta re currer				nk alcol	nol or us	ed drug	s before	last sex	cual inte	ercourse	e (amon	g studen	ts			
											24.6	23.8	19.6	23.0	No linear change	Not available§	No change
	Percenta y sexual			who use	d a conc	dom dur	ing last	sexual i	ntercou	rse (amo	ong stud		52.4	54.4	No linear change	Not available	No change
ONICA	Percenta students				d birth c ually ac		oills befo	ore last s	sexual ii	ntercou	rse (to p	revent j	oregnan	cy,			
											24.1	23.8	27.6	28.1	No linear change	Not available	No change
among s	IMP: Polanon) b																·,

^{*}Based on trend analyses using a logistic regression model controlling 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 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>		
control 1	PARG: I ring (suc y sexual	ch as Nu	vaRing														
											6.2	5.8	7.8	3.8	No linear change	Not available§	Decreased
	HPL: I													#th			
implant control	(such as ring (suc	s Implan ch as Nu	on or N	explano	n); or a	shot (su	ich as D	epo-Pro	vera), p	atch (su	ch as O	rthoEvi	a), or bi				
implant control	(such as	s Implan ch as Nu	on or N	explano	n); or a	shot (su	ich as D	epo-Pro	vera), p	atch (su	ch as O	rthoEvi	a), or bi		Increased, 2013-2018	Not available	No chang
emplant control in currently QNDUA pills; an Depo-Pi	(such as ring (suc	s Implan th as Nu ly active Percenta uch as M patch (s	on or N vaRing e) age of st firena o uch as (explano) before udents v r ParaG	who use ard) or i	d both a mplant oirth con	ach as D rcourse a condor (such as	epo-Pro (to prev m during Implan g (such a	g last ser	atch (sugnancy, standard)	31.2 ercourse on); or a	30.9 e and bin shot (st	a), or bi who w 36.5 Th contract	38.2	Increased, 2013-2018	Not available	No chanş

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

[§]Not enough years of data to calculate.

Cotal Sexual Be	ehaviors	s			Н	ealth Ri	isk Beha	avior aı	nd Perc	entages	i					Linear Change*	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	5 1	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QNBCN										prevent	pregnai	ncy duri	ng last	sexual				
QNBCN										prevent	pregnai	ncy duri	ng last	sexual	13.2	No linear change	Not available [§]	No change

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

[§]Not enough years of data to calculate.

				Н	ealth Ri	sk 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 ove							ile for t	ody ma	ss			
											15.2	16.0	16.6	15.4	No linear change	Not available¶	No change
					o had ob				le for bo	ody mas	ss index	, based	on sex-	and	,		
											13.2	14.1	16.6	12.8	No linear change	Not available	Decreased
QN67:	Percenta	age of st	udents v	who des	cribed 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 30.2	31.4	31.0	28.1	No linear change	Not available	No change
QN69:		nge of st			cribed th		,				30.2				No linear change	Not available	No change

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

[§]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 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>		
QN70:	Percenta	age of st	tudents v	who did	not eat	fruit (or	ne or mo	ore times	during	the 7 d	ays befo	ore the s	urvey)				
											14.6	15.4	140	16.0	No linear change	Not available§	No change
											14.0	13.4	14.7	10.0	No linear change	110t available	140 change
QNFR0		_					or drink	100% fr	uit juice	es (such			<u> </u>		No illear change	Tvot available	140 change
QNFR0 or grape		_					or drink	100% fr	uit juice	es (such			<u> </u>		Increased, 2013-2018	Not available	No change
-	juice, d	uring th	ne 7 days	s before	the surv	vey) or drank	100% f	ruit juic	es one o		as oran	ge juice 8.9	, apple j	uice,			

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

[§]Not enough years of data to calculate.

		ment an		-		isk Beh	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	_		
	2: Perce juice, ap									or more	times p	er day (such as				
											25.7	23.4	22.2	21.8	Decreased, 2013-2018	Not available§	No change
QN71:	Percent	age of st	udents	who did	not eat	green sa	ılad (one	e or mor	e times	during	the 7 da	ıys befo	re the si	ırvey)			,
											40.3	45.3	44.2	46.0	Increased, 2013-2018	Not available	No change
ON72:	Percent	age of st	udents	who did	not eat	potatoes	s (one or	more ti	imes du	ring the	7 days	before t	he surv	ey)			
											25.2	34.1	29.4	37.2	No linear change	Not available	Increased
											35.3	34.1	27.4	31.2	140 finear change	Not available	Ilicreased
	Percent	age of s	udents v	who did	not eat	carrots	(one or r	nore tin	nes duri	ng the 7					100 finear change	Not available	mcreased

^{*}Based on trend analyses using a logistic regression model controlling 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	ige of st	udents v	who did	not eat	other ve	getables	(one or	more ti	mes du	ring the	7 days	before t	the			
•											17.7	18.7	18.5	17.9	No linear change	Not available§	No change
	G0: Perc											g Frenc	h fries,	fried			-
potatoe	_												<i>(</i> 7	9.0	No linear change	Not and lable	
potatoe											6.6	8.2	6.7	8.0	No illear change	Not available	No change
QNVE	G1: Perc										n salad	, potato	es [excl	uding	No illear change	ivot 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.

QNVEG3: Percentage of students who ate vegetables three or more times per day (green salad, potatoes [excluding French fries, fried potatoes, or potato chips], carrots, or other vegetables, during the 7 days before the survey)	G2: Percentage of students who ate vegetables two or more times per d	2011 20	013 201	4 2016	2018	-		
French fries, fried potatoes, or potato chips], carrots, or other vegetables, during the 7 days before the survey) 22.6 22.3 22.6 22.1 No linear change Not available No available Prench fries, fried potatoes, or potato chips], carrots, or other vegetables, during the 7 days before the survey)					2010			
QNVEG3: Percentage of students who ate vegetables three or more times per day (green salad, potatoes [excluding French fries, fried potatoes, or potato chips], carrots, or other vegetables, during the 7 days before the survey)	iries, fried polatoes, of polato chips], carrots, of other vegetables, dufin							
[excluding French fries, fried potatoes, or potato chips], carrots, or other vegetables, during the 7 days before the survey)		22.	22.3	22.6	22.1	No linear change	Not available [§]	No change
9.8 10.3 10.0 9.4 No linear change Not available No	ing French fries, fried potatoes, or potato chips], carrots, or other vegeta	etables, durin	ng the 7 d	ıys before	e the 9.4	No linear change	Not available	No change
QN75: Percentage of students who did not drink a can, bottle, or glass of soda or pop (such as Coke, Pepsi, or	Percentage of students who did not drink a can, bottle, or glass of soda	,				No linear change	Not available	

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

Not enough years of data to calculate.

				Н	ealth Ri	isk Beh	avior aı	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	-		
QNSOD						,	,	_						ay			
QNSODA (such as (,	,	_		days be				15.4	Decreased, 2013-2018	Not available [§]	Decreased
~	Coke, F	Pepsi, or	Sprite,	ents wh	nting die	et soda (or diet p	oop, duri	of soda of	days be	21.1 vo or m	22.1 ore time	18.1 es per d	15.4	Decreased, 2013-2018	Not available [§]	Decrease

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

[§]Not enough years of data to calculate.

Total Physical A	Activity			Н	ealth Ri	isk Beha	avior ar	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	-		
QN78: kind of j days bef	physical	activity															
		,									42.5	38.4	35.1	44.9	No linear change	Not available§	Increased
QNPA0 1 day (in during th	ı any kiı	nd of ph	ysical a	ctivity t													
											16.2	19.7	17.6	15.3	No linear change	Not available	No change
QNPA7 kind of j days bef	physical	activity															
											23.7	20.3	17.3	25.5	No linear change	Not available	Increased

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

[§]Not enough years of data to calculate.

Total Physical A	Activity	7		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	_ }		
QN79: I	Percenta	age of s	tudents	who wa	tched te	levision	3 or mo	ore hour	s per da	y (on ar	n averag	e schoo	l day)				
											29.2	26.9	23.5	18.2	Decreased, 2013-2018	Not available [§]	Decreased
QN80: I (counting Instagran	g 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, Ŷou	Tube,	Increased, 2013-2018	Not available	No change
QN81: I week wh					ended pl	nysical e	ducatio	n (PE) c	classes o	on 1 or r	more da	ys (in ar 32.5	n averag	ge 44.7	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.

Maryland High School Survey Cecil County Trend Analysis Report

Total **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§ 27.6 26.1 4.6 No change

16.0 15.6

No linear change

Not available

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

times during the 12 months before the survey)

No change

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

[§]Not enough years of data to calculate.

Fotal Other																	
				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	-		
QN86: during the						st (for a	check-ı	ıp, exan	n, teeth	cleanin	g, or otl	ner dent	al work	,			
aaring a	12		orore in	sarvey	,							76.8	78.4	79.2	No linear change	Not available [§]	No change
QNNOI	ONT: Po	ercentag	ge of stu	dents w	ho neve	r saw a o	dentist (for a ch	eck-up,	exam, t	eeth cle	eaning, o	or other	dental			
work)												1.6	1.9	1.3	No linear change	Not available	No change
QN87:	Percenta	age of s	tudents	who had	l ever be	en told	by a do	ctor or n	urse tha	at they l			27.6	24.7	No linear should	Nist and lable	No shance
											26.4	28.6	27.6	24.7	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.

Maryland High School Survey Cecil County Trend Analysis Report

Total

				Н	ealth R	isk Beh	avior aı	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN90: F	Percenta	age of s	udents	who are	transge	ender							3.1	1.5	Decreased, 2016-2018	Not available [§]	Decreased
QN93: I before th									g (on at	least 1	day dur	ing the	30 days 30.0	34.1	No linear change	Not available	No change
QN94: I	Percenta	age of s	udents	who sm	oked a v	whole ci	garette l	pefore a	ge 13 ye	ears (for	the firs	t time) 10.9	8.3	4.0	Decreased, 2013-2018	Not available	Decreased
QN97: I students										because	e of thei	ir age (a	mong 26.9	34.1	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 Cecil County Trend Analysis Report

Total

				He	alth Ri	sk Beha	avior ar	nd Perc	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	_ 3		
QN98: Pero						acco in	a hooka	ıh, nargl	hile, or	other typ	pe of wa	terpipe	(on at	east 1			
		•		·									4.6	4.5	No linear change	Not available§	No change
ONOO: Pare	oontoo	ro of st	udonte v	sho nene	ally uso	o kind a	of flavor	ring oth	or then t	chago	flavoru	ith on	alaatrar	io.			
QN99: Perovapor produ												93.5	electror 97.8	97.2	Increased, 2014-2018	Not available	No change
	ercenta	nong st	udents	who hav	e ever u	ised an	electron	ic vapo	r produc	et)		93.5	97.8	97.2	Increased, 2014-2018	Not available	No change
vapor produ QN101: Pe	ercenta	nong st	udents	who hav	e ever u	ised an	electron	ic vapo	r produc	et)		93.5	97.8	97.2	Increased, 2014-2018 Increased, 2016-2018	Not available Not available	No change
vapor produ QN101: Pe	ercenta wax	nong stage of s	tudents	who hav	e ever u	used an	electron	nic vapo	r produc	ct to sm	oke mar	93.5 ijuana,	97.8 THC o	97.2 r hash 20.4			

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

[§]Not enough years of data to calculate.

otal ite-Adde	ed			Н	ealth Ri	isk Beha	avior ar	ıd Perc	entages						Linear Change [*]	Quadratic Change*	Change from
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		2016-2018 [†]
QN103: flavored survey)															,		
											17.1	18.5	9.5	8.7	Decreased, 2013-2018	Not available§	No change
QN104:		tage of	students	s who tri	ied or us	sed toba	eco proc	lucts for	r the firs	st time (during t	he 12 m	onths b	efore			
	•											16.1	8.6	11.3	Decreased, 2014-2018	Not available	Increased
				s who co								2 month	s before	e the	,		,
											34.2	29.7	34.1	7.1	Decreased, 2013-2018	Not available	Decreased
QN106:	Percen	tage of	students	s who liv	ve with	someone	who no	ow smo	kes ciga	rettes or	r cigars		•				
											52.1	49.8	40.2	40.7	Decreased, 2013-2018	Not available	No change

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

[§]Not enough years of data to calculate.

otal ite-Adde	ed																
				Н	ealth R	isk Beh	avior ar	nd Perc	entages						Linear Change*	Quadratic Change [*]	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN107: allowed											is that s	moking	is not				
													80.1	79.2	No linear change	Not available§	No change
QN108: during th					ere in th	ne same	room wi	ith some	eone wh	o was s	moking	(on at 1	east one	e day			
													35.7	35.7	No linear change	Not available	No change
QN110: school y		tage of	students	s who w	ere taug	tht in the	eir classe	es about	the dan	igers of	tobacco	use (di	uring th	e last			
											72.5	69.3	66.2	66.9	Decreased, 2013-2018	Not available	No change
QN117: friends	Percen	tage of	students	s who sa	ıy defini	itely yes	or prob	ably yes	s that yo	oung peo	ople wh	o smok	e have n	nore			
											31.0	31.9	26.9	32.2	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.

		Health Risk Behavior and Percentages													Linear Change*	Quadratic Change*	Change from 2016-201	
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-			
		ntage of	student	s who sa	y defini	tely yes	or prob	ably yes	s that sm	noking n	nakes y	oung pe	eople lo	ok				
QN118: cool or fi		ntage of	student	s who sa	y defini	tely yes	or proba	ably yes	s that sm	noking n	makes y	oung pe	eople lo	ok 20.8	No linear change	Not available [§]	Increased	
		ntage of	student	s who sa	y defini	tely yes	or prob	ably yes	s that sm	noking n			-		No linear change	Not available [§]	Increased	
ool or fi 0N119:	Percen	ntage of	student		ould fee	l comfo	ortable se				18.6	19.3	16.0	20.8	No linear change	Not available [§]	Increase	

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

Maryland High School Survey Cecil County Trend Analysis Report

Male **Injury and Violence Health Risk Behavior and Percentages** Linear Change* Quadratic Change* Change from 2016-2018 [†] 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QN9: Percentage of students who rode with a driver who had been drinking alcohol (in a car or other vehicle, one or more times during the 30 days before the survey) 21.7 23.5 15.0 14.2 Decreased, 2013-2018 Not available§ No change QN10: Percentage of students who drove a car or other vehicle when they had been drinking alcohol (one or more times during the 30 days before the survey, among students who had driven a car or other vehicle during the 30 days before the survey) 13.0 13.1 6.3 Decreased, 2013-2018 Not available No change QN11: Percentage of students who texted or e-mailed while driving a car or other vehicle (on at least 1 day during the 30 days before the survey, among students who had driven a car or other vehicle during the 30 days before the survey) 37.0 33.6 29.4 34.2 No linear change Not available No change

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

[§]Not enough years of data to calculate.

	Health Risk Behavior and Percentages													Linear Change*	Quadratic Change [*]	Change from 2016-2018 [†]	
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN13: day duri						eapon o	n school	proper	ty (such	as a gu	n, knife	, or club	o, on at l	east 1			
day dan	ing the s	o days c	octore u	ie gai ve	<i>3</i> /						6.8	7.8	7.1	5.8	No linear change	Not available§	No change
QN14: or for a													for hun	ting			
													6.5	7.2	No linear change	Not available	No change
QN16: knife, o										on school	ol prope	erty (suc	h as a g	un,			

^{*}Based on trend analyses using a logistic regression model controlling 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	nd Viole	nce		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		
QN18: months				who wer	e in a p	hysical	fight on	school	property	(one o	r more	imes du	ring the	12			
											13.1	13.5	9.8	13.1	No linear change	Not available§	Increased
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 aring the	such thi e 12 mo	ngs as b nths bef	eing hit	, slamn	ned into	someth	ing, or i	njured			
											7.3	8.8	9.0	6.6	No linear change	Not available	No change
QN23:	Percenta	age of st	udents v	who wer	e bullie	d on sch	nool pro	perty (e	ver duri	ng the 1	12 mont	hs befor	e the su	rvey)			
											19.7	22.4	19.0	17.1	Decreased, 2013-2018	Not available	No change

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

[§]Not enough years of data to calculate.

Male njury an	ıd 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	_		
QN24: Taceboo											d throug	h textir	ıg, Insta	ıgram,			
											11.2	12.4	10.8	12.4	No linear change	Not available§	No change
QN25:											eks in a	row so	that the	УУ			
											19.0	20.0	20.4	25.9	Increased, 2013-2018	Not available	Increased
QN26: Survey)	Percenta	age of st	tudents	who ser	iously c	onsidere	d attem	pting su	icide (e	ver duri	ng the	12 mont	hs before	re the	,		
											10.6	12.1	11.7	14.4	Increased, 2013-2018	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	g the 12	2 month	S	,		
											9.7	11.3	9.5	12.7	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.

[§]Not enough years of data to calculate.

Male 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	3		
QN32:	Percenta	age of st	udents	who cur	rently s	moked c	igarette	s (on at	least 1 o	lay duri	ng the 3	30 days	before t	he			
survey)											18.7	18.4	10.1	6.7	Decreased, 2013-2018	Not available [§]	Decreased
QNFRC			of stud	ents wh	o currer	ntly smo	ked ciga	rettes fi	requentl	y (on 20) or moi	re days	during t	he 30			
days bef	ore the	survey)									8.0	6.9	2.2	1.4	Decreased, 2013-2018	Not available	No change
QNDAY before th			ge of st	udents v	who curi	rently sn	noked ci	garettes	s daily (on all 30	0 days d	luring th	ne 30 da	ys	,		
		3 /									6.3	5.1	1.9	1.0	Decreased, 2013-2018	Not available	No change
QN34: vape pip eGo, and	es, vapi	ing pens															
												47.3	45.2	52.4	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.

Maryland High School Survey Cecil County Trend Analysis Report

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 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) 32.2 21.6 37.6 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) 6.5 4.6 11.7 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) 4.9 3.2 8.1 Increased, 2014-2018 Not available 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) 25.5 39.3 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.

Male Tobacco	Use			Н	ealth Ri	isk Beha	avior aı	ıd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN36: (such as survey,	a conve	enience	store, su	ıpermarl	ket, disc	ount sto	re, gas	station,	or vape	store, d	uring th	e 30 day					
survey,	among s	students	who cu	irentry t	isca cic	cuome v	арог рг	oducts a	ina wno	were a	gcu <10	years)	10.6	8.2	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			
													8.9	9.2	No linear change	Not available	No change
QN38: during t					rently si	noked c	igars (c	igars, ci	garillos,	, or little	e cigars,	on at le	ast 1 da	ıy			
											18.2	19.3	13.3	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.

Maryland High School Survey Cecil County Trend Analysis Report

Male Tobacco Use

Health Risk Behavior and Percentages

Linear Change*
Quadratic Change*
Change from 2016-2018

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

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

26.3 25.4 16.9 12.3 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.

Male Alcohol a	nd Oth	er Druş	g Use	Н	ealth R	isk Beh	avior aı	nd Perc	entages						Linear Change [*]	Quadratic Change*	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN40:	Percenta	age of s	tudents	who hac	l their fi	rst drink	of alco	hol befo	ore age	13 years	(other	than a f	ew sips)	,		
											23.2	22.8	18.2	17.4	Decreased, 2013-2018	Not available [§]	No change
QN41: 1 the 30 d				who cur	rently d	rank alc	ohol (at	least or	ne drink	of alcol	hol, on	at least	day dı	ıring			
			•								36.6	32.8	25.6	30.9	Decreased, 2013-2018	Not available	Increased
QN42: female s	tudents	or five	or more	drinks o	of alcoh												
													14.8	18.3	No linear change	Not available	No change

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

[§]Not enough years of data to calculate.

Male Alcohol a	nd Oth	er Drug	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		
QN45:	Percenta	age of st	tudents	who eve	er used r	narijuan	a (one c	or more	times du	iring the	eir life)			•			
											45.4	37.4	32.8	33.4	Decreased, 2013-2018	Not available [§]	No change
QN46:	Percent	age of st	tudente	who trie	d mariji	uana for	the first	t time be	efore an	e 13 ves	arc						
Q1140.	rereenu	age of si	ludents	who the	a mary	uana 101	uic iiisi	tunic ov	crore ag	c 13 yea	13.8	13.1	9.3	8.7	Decreased, 2013-2018	Not available	No change
QN47: survey)	Percenta	age of st	tudents	who cur	rently u	sed mar	ijuana (d	one or n	nore tim	es durir	ng the 3	0 days b	efore th	ie	,		
survey)											27.3	24.3	19.4	21.1	Decreased, 2013-2018	Not available	No change
QN48:	Percenta	age of st	tudents	who eve	er used s	synthetic	marijua	ana (one	e or mor	e times	during	their life	e)		,		
												15.5	7.1	6.5	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	3		
QN49: I different Hydroco	tly than	how a c	doctor to	old them	to use	it (count	ing drug	s such a	ne withous codein	out a do ne, Vico	octor's prodin, Ox	escripti xyConti	on or				
													13.0	11.7	No linear change	Not available [§]	No change
QN50:					er used o	cocaine (any fori	m of coo	caine, in	cluding	powde	r, crack,	or free	base,			
											8.0	8.2	5.3	5.3	Decreased, 2013-2018	Not available	No change
QN52: I			tudents	who eve	er used l	neroin (a	lso calle	ed "smao	ck," "jui	nk," or '	"China '	White,"	one or i	more			
											5.9	6.2	3.9	3.3	Decreased, 2013-2018	Not available	No change
QN53: I							hetamir	nes (also	called	"speed,	" "crysta	al meth,	" "cranl	k,"			,
											5.1	6.6	4.1	3.7	Decreased, 2013-2018	Not available	No change

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

[§]Not enough years of data to calculate.

				Н	ealth Ri	isk Beh	avior ar	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	3		
QN54:	Percenta	age of s	tudents	who eve	er used e	ecstasy (also call	led "MD)MA," c	one or m	ore tim	es durii	ng their	life)			
											8.5	8.8	5.9	5.6	Decreased, 2013-2018	Not available§	No change
ON56:	Parcents	age of s	tudents	who eve	or injects	ed any il	legal dr	ug (used	l a need	le to ini					Decreased, 2013-2018	Not available [§]	No change
QN56: body, or						ed any il	legal dr	ug (usec	l a need	le to inj					Decreased, 2013-2018	Not available [§]	No change
						ed any il	legal dr	ug (usec	l a need	le to inj					Decreased, 2013-2018 No linear change	Not available [§] Not available	No change
	ne or mo	age of s	s during	their lif	fe)						ect any	illegal 4.7	drug into	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 Cecil County Trend Analysis Report

Male

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	nge of si	tudents	who eve	r had se	exual int	ercourse	;			49.8	45.3	41.0	40.0	Decreased, 2013-2018	Not available [§]	No change
QN59:	Percenta	age of st	tudents	who had	sexual	intercou	irse for t	he first	time be	fore age	e 13 yea 9.6	rs 7.1	5.4	4.6	Decreased, 2013-2018	Not available	No change
QN60:	Percenta	age of st	tudents	who had	sexual	intercou	ırse with	four o	more p	ersons	during t	heir life	;				
											17.3	14.0	10.2	8.4	Decreased, 2013-2018	Not available	No change
QN61: during t					re currei	ntly sexu	ually act	ive (had	l sexual	interco	urse wit	h at lea	st one pe	erson,			
											34.6	33.1	26.0	28.1	Decreased, 2013-2018	Not available	No change

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

[§]Not enough years of data to calculate.

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

Male **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 QN62: Percentage of students who drank alcohol or used drugs before last sexual intercourse (among students who were currently sexually active) 31.1 25.4 20.3 24.1 No linear change Not available§ No change QN63: Percentage of students who used a condom during last sexual intercourse (among students who were currently sexually active) 57.3 57.4 56.2 58.5 No linear change Not available No change QN64: Percentage of students who used birth control pills before last sexual intercourse (to prevent pregnancy, among students who were currently sexually active) 19.7 18.7 25.2 27.4 Increased, 2013-2018 Not available No change QNIUDIMP: Percentage of students who used an IUD (such as Mirena or ParaGard) or implant (such as Implanon or Nexplanon) before last sexual intercourse (to prevent pregnancy, among students who were currently sexually active) Increased, 2013-2018 0.4 0.5 3.6 Not available No change 0.6

^{*}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	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	<u> </u>		
QNSHP control i	ring (suc	ch as Nu	vaRing)														
											4.1	4.1	4.6	2.9	No linear change	Not available§	No change
QNOTE	IHPL: I (such as	s Implan	on or N	explano	n); or a	shot (su	ch as D	epo-Pro	vera), pa	atch (su	ch as C	rthoEv	a), or b				
control i				, serore							24.3	23.3	30.4	33.9	Increased, 2013-2018	Not available	No change
QNDUApills; an		Percenta uch as M patch (s	e) age of st lirena or uch as (udents v r ParaGa OrthoEv	who use ard) or i ra), or b	mplant (irth con	(such as trol ring	Implan (such a	on or Ne s NuvaI	tual inte	ercourse n); or a	e and bi	th contract	ol	Increased, 2013-2018	Not available	No change

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

[§]Not enough years of data to calculate.

Maryland High School Survey Cecil County Trend Analysis Report

Male

1991 1993	3 1995	1997	1999	2001												2016-2018
NIDCNONE				2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
ntercourse (ai	: Percenta							prevent	pregnan	ncy duri	ng last s	sexual	-			
ntercourse (ar	mong stud	ents who	were ci	urrentry	sexuan	iy active	÷)			13.1	12.9	13.0	13.8	No linear change	Not available§	No change
N84: Percer	ntage of st	udents w	ho were	ever te	sted for	r human	immun	odeficie	ency vir	us (HIV	7) (not c	Ounting	tests			
one if they do			no were	ever te	3100 101	Haman	mmun	odenere	oney viii	us (III v) (not c	Ounting	, tests			

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

[§]Not enough years of data to calculate.

				He	ealth Ri	isk Beh	avior ar	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	_		
QNOW'												tile for	oody ma	ıss			
											15.6	15.4	15.1	14.5	No linear change	Not available¶	No change
			e of stud ata from						ile for bo	ody mas	ss index	, based	on sex-	and			
									le for bo	ody mas	ss index	, based 18.1	on sex- 21.1	and 15.6	No linear change	Not available	Decreased
age-spec	eific refe	erence d		n the 200	00 CDC	growth	charts) [§]				17.1				No linear change	Not available	Decreased
age-spec	eific refe	erence d	ata from	n the 200	00 CDC	growth	charts) [§]	S			17.1				No linear change No linear change	Not available Not available	Decreased No change
QN67:	Percenta	age of st	ata from	who des	cribed tl	growth	charts) [§] res as sli	ghtly or	· very ov	verweig	17.1 ht 27.6	27.0	21.1	23.9			

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

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

Not enough years of data to calculate.

				Н	ealth Ri	sk Beha	avior an	d Perce	entages						Linear Change [*]	Quadratic Change*	Change fron 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN70:	Percenta	ige of st	udents v	who did	not eat	fruit (on	e or mo	re times	during	the 7 da	ays befo	ore the s	urvey)				
											17.7	17.1	16.3	18.3	No linear change	Not available§	No change
						nt fruit o	r drink 1	00% fr	uit juice	es (such	as oran	ge juice	, apple j	uice,			
	: Percer juice, d						r drink 1	00% fr	uit juice	es (such	as oran	ge juice 10.1	, apple j	uice, 12.1	Increased, 2013-2018	Not available	No chan
or grape QNFR1	juice, d	uring th	e 7 days	s before	the surv		100% fr	uit juice	es one o		9.3	10.1	10.7		Increased, 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.

Weight M	Ianage	ment ar	nd Dieta	•		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		
QNFR2: orange j										or more	times p	er day (such as				
											27.1	23.8	24.5	22.3	Decreased, 2013-2018	Not available§	No change
QN71: 1	Percent	tage of s	tudents	who did	not eat	green sa	alad (on	e or mo	re times	during	the 7 da	ays befo	re the s	urvey)			
											47.0	50.9	48.6	52.6	No linear change	Not available	No change
QN72:	Percent	tage of s	tudents	who did	not eat	potatoe	s (one o	r more t	imes du	ring the	7 days	before	he surv	ey)			
											34.2	33.6	30.9	39.1	Increased, 2013-2018	Not available	Increased
QN73: 1	Percent	tage of s	tudents	who did	not eat	carrots	(one or	more tir	nes duri	ng the 7	7 days b	efore th	e surve	y)			
											53.6	52.7	47.3	55.6	No linear change	Not available	Increased

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

[§]Not enough years of data to calculate.

				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			
QN74: survey)	Percenta	age of st	udents v	who did	not eat	other ve	egetable	s (one o	r more t	imes du	iring the	e 7 days	before t	he			
											21.6	21.3	21.9	22.0	No linear change	Not available [§]	No change
	G0: Perc											ng Frenc	h fries,	fried			
											9.3	10.2	8.4	10.3	No linear change	Not available	No change
ONVE	G1: Perc																
French	fries, frie	ea potat	bes, or p	otato ci	пръј, са	11015, 01	Other v	egetable	.s, aurin	ig the 7	aaysoc	TOTE THE	501.05)				

^{*}Based on trend analyses using a logistic regression model controlling 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* Not available [§]	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QNVEO																	
											23.0	23.6	23.5	22.0	No linear change	Not available§	No change
											23.0	23.0	23.3	22.0	No fillear change		No change
QNVE([excludi survey)											een sal	ad, potat	oes		No linear change	rvot avaliable	No change
[excludi											een sal	ad, potat ne 7 day	oes		Decreased, 2013-2018	Not available	Decreased
[excludi	ng Fren	ch fries,	, fried po	otatoes, who did	or potat	o chips]	, carrots	or glass	er veget	ables, d	een salauring the	ad, potat ne 7 day 11.8	oes s before 11.3	the 8.4			

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

[§]Not enough years of data to calculate.

				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	3		
QNSOD (such as		U					,	C						ay			

^{*}Based on trend analyses using a logistic regression model controlling 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 A	Activity	,															
				Н	ealth Ri	sk Beh	avior ar	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QN78: kind of p	physical	activity	that in														
·		•									52.0	44.8	42.5	52.7	No linear change	Not available [§]	Increased
QNPA0 1 day (ir during th	ı any kir	nd of ph	ysical a	ctivity t													
											13.8	17.6	15.8	12.3	No linear change	Not available	Decreased
QNPA7. kind of p	physical	activity	that in														
-		•									31.6	26.1	23.2	32.5	No linear change	Not available	Increased

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

[§]Not enough years of data to calculate.

Male Physical	Activity	7		Н	ealth Ri	isk Beh	avior ar	nd Perc	entages						Linear Change [*]	Quadratic Change* Not available [§]	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	udents v	who wat	tched tel	levision	3 or mo	ore hour	s per da	y (on ar	averag	e schoo	l day)	·			
											29.0	26.8	25.4	17.0	Decreased, 2013-2018	Not available§	Decreased
	Percentage time sum, Face	spent on	things s	such as 2	Xbox, P	layStati	on, an iI	Pad or o	ther tab	let, a sn	nartphoi	ne, texti	ng, Ŷou	ıTube,	Increased, 2013-2018	Not available	No change
QN81: week w					ended ph	nysical e	education	n (PE) c	lasses o	n 1 or n	nore da	ys (in ar	n averag	ge			

^{*}Based on trend analyses using a logistic regression model controlling 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 Cecil 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§ 32.0 27.3 6.6 6.1 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) 17.1 15.9 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 Cecil County Trend Analysis Report

Male Other **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 QN86: Percentage of students who saw a dentist (for a check-up, exam, teeth cleaning, or other dental work, during the 12 months before the survey) 75.7 78.1 78.0 No linear change Not available§ No change QNNODNT: Percentage of students who never saw a dentist (for a check-up, exam, teeth cleaning, or other dental work) 1.9 2.4 1.3 No linear change Not available No change QN87: Percentage of students who had ever been told by a doctor or nurse that they had asthma 30.1 26.5 26.5 No linear change Not available No change 26.8

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

Not enough years of data to calculate.

Maryland High School Survey Cecil 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 2.8 1.8 No linear change Not available§ No change 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) 31.4 34.3 No linear change Not available No change QN94: Percentage of students who smoked a whole cigarette before age 13 years (for the first time) Decreased, 2013-2018 14.4 12.7 9.3 Not available Decreased

4.6

3.6

No linear change

Not available

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

day during the 30 days before the survey)

No change

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

Based on t-test analysis, p < 0.05.

[§]Not enough years of data to calculate.

Aale 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	electron	nic			
												90.9	97.9	96.1	Increased, 2014-2018	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			
													10.7	19.2	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			
													20.4	20.8	No linear change	Not available	No change
QN103: flavored survey)																	
											21.3	22.6	12.0	10.0	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 Cecil 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	_		
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			
												15.5	9.6	9.9	Decreased, 2014-2018	Not available§	No change
																	E
													s before	the			
QN105: survey, a										re the su			s before	the 8.7	Decreased, 2013-2018	Not available	Decreased
	mong s	tudents	who us	ed tobac	eco prod	ucts dur	ring the	12 mon	ths before	re the su	32.5	2 month				Not available	

No linear change

81.6 80.3

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

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.

Maryland High School Survey Cecil County Trend Analysis Report

Male

				Н	ealth R	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			
QN108: during ti					ere in th	e same i	room wi	th some	one wh	o was si	noking	(on at 1	east one	e day			
				•									32.3	33.9	No linear change	Not available§	No change
QN110: school y		tage of	students	who we	ere taug	ht in the	ir classe	s about	the dan	gers of	tobacco	use (di	ring the	a loct			
sciiooi y	ear)				Ü			o acout	the dan	gers or	iobaccc	use (u	iiiig tii	z iast			
,c11001)	(ear)							s about	the dan	gers or	72.5	67.3	66.7	68.2	No linear change	Not available	No change
QN117:		tage of	students	s who sa	_	tely yes					72.5	67.3	66.7	68.2	No linear change	Not available	No change
QN117:		tage of	students	s who sa	_						72.5	67.3	66.7	68.2	No linear change	Not available Not available	No change
QN117: friends	Percen				y defini		or proba	ably yes	that yo	oung peo	72.5 pple wh 33.4	67.3 o smoke 35.6	66.7 e have n	68.2 more 33.6			

^{*}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.

Male Site-Add	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			
QN119:								eeking h	elp fron	n one or	more a	idults be	esides th	neir			
•	j		•	•		C					79.9	78.8	80.1	79.4	No linear change	Not available§	No change

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

[§]Not enough years of data to calculate.

Female 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	_		
QN9: Por more							ho had l	been dri	nking al	lcohol (i	in a car	or other	vehicle	e, one			
		-	•								19.1	23.1	15.4	16.7	Decreased, 2013-2018	Not available§	No change
QN10: I	ring the	30 day	s before														
days bef	ore the	survey)									7.3	5.7	4.9	5.9	No linear change	Not available	No change
QN11: Ithe 30 dasurvey)																	
											32.6	26.8	27.9	36.1	No linear change	Not available	No change

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

[§]Not enough years of data to calculate.

Female Injury an	ıd Viole	ence		Н	ealth R	isk Beh	avior ar	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	-		
QN13: day duri						eapon o	n schoo	l proper	ty (such	as a gu	ın, knife	, or clul	o, on at l	least 1			
day dan	ng the s	o days	berore u	ne sur ve	· y /						1.7	2.9	3.9	1.9	No linear change	Not available [§]	Decreased
QN14: or for a													for hur	nting			
	1		C	υ,		j	Ü				J	,	2.2	1.8	No linear change	Not available	No change
QN16: knife, or										on scho	ol propo	erty (suc	ch as a g	un,			
											7.5	5.9	5.4	7.2	No linear change	Not available	No change

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

[§]Not enough years of data to calculate.

njury an	id Viole	nce		Н	ealth Ri	isk Beh	avior aı	nd Perc	entages						Linear Change*	Quadratic Change* Not available [§]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_ }		
QN18:				who wei	re in a p	hysical	fight on	school	property	y (one o							
											7.7	6.9	6.3	5.9	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 n] 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			
											14.1	12.6	9.0	14.3	No linear change	Not available	Increased
QN23: 1	Percenta	age of st	udents v	who wei	re bullie	ed on sel	nool pro	perty (e	ver duri	ng the 1	2 mont	hs befor	e the su	rvey)			
											27.6	27.0	24.3	24.1	Decreased, 2013-2018	Not available	No change

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

[§]Not enough years of data to calculate.

ijury 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	_		
	Percenta ok, or otl									g bullied	d throug	gh textir	ıg, Insta	gram,			
											21.1	23.1	19.0	21.1	No linear change	Not available [§]	No change
	Percenta doing so										eks in a	row so	that the	у			
											eks in a	row so 39.1	that the	y 43.2	Increased, 2013-2018	Not available	No change
stopped		ome usu	al activ	ities, eve	er during	g the 12	months	before	the surv	rey)	36.2	39.1	39.6	43.2	Increased, 2013-2018	Not available	No change
stopped QN26:	doing so	ome usu	al activ	ities, eve	er during	g the 12	months	before	the surv	rey)	36.2	39.1	39.6	43.2	Increased, 2013-2018 No linear change	Not available Not available	No change No change
QN26: survey)	doing so	age of st	tudents	who seri	iously co	g the 12	months d attem	pting su	the surv	ver duri	36.2 ing the 20.4	39.1 12 mont 24.9	39.6 hs before 21.9	43.2 re the 21.5			

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

[§]Not enough years of data to calculate.

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	_		
QN32: survey)	Percent	age of s	tudents	who cur	rently s	moked c	igarette	s (on at	least 1 o	lay duri	ing the 3	30 days	before t	he			
											16.3	14.6	9.9	6.2	Decreased, 2013-2018	Not available [§]	Decreased
		rcentage survey)		ents wh	o curren	ntly smo	ked ciga	rettes fr	requentl	y (on 20	or moi	re days	during tl	ne 30			
auys sei	ore the	sui vey)									6.9	5.1	3.2	1.8	Decreased, 2013-2018	Not available	No change
	CIG: 1		ige of st	udents v	vho curi	rently sn	noked ci	igarettes	s daily (on all 30	0 days d	luring th	ne 30 da	ys			
											5.0	4.5	2.6	1.7	Decreased, 2013-2018	Not available	No change
	es, vap	ing pens				nn electron h pens [
												45.9	41.5	55.7	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.

Maryland High School Survey Cecil County Trend Analysis Report

Female 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) 27.9 16.8 41.2 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 1.6 9.0 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) 1.5 1.1 5.4 Increased, 2014-2018 Not available 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) 21.2 42.5 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.

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

[§]Not enough years of data to calculate.

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	3		
(such as	Percenta a conve among s	enience	store, su	permark	cet, disc	ount sto	re, gas s	station, d	or vape	store, di	uring th	e 30 day					
													0.6	2.6	No linear change	Not available§	No change
	Percenta ble toba roducts,	cco pro	ducts [si	uch as C	openha	gen, Gri	zzly, Sk	oal, or (nic			
													2.6	2.1	No linear change	Not available	No change
vapor programa (Napor programa) (Napor p	Percenta				rently si	noked c	igars (ci	gars, ci	garillos,	or little	e cigars,	on at le			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.

Maryland High School Survey Cecil County Trend Analysis Report

Female **Tobacco Use**

before the survey)

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 19.8 18.6 12.7 10.3 Decreased, 2013-2018 Not available§ No change

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

[§]Not enough years of data to calculate.

Female Alcohol a	emale Alcohol 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	5 2018	-		
QN40: 1	Percenta	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	3)			
											17.5	18.7	14.9	16.6	No linear change	Not available [§]	No change
QN41: 1 the 30 da		_		who cur	rently d	rank alc	ohol (at	least or	ne drink	of alco	hol, on	at least	1 day d	uring			
ine 30 di	uy 5 0 0 10	ore the s	ar (cy)								38.3	37.8	36.9	35.3	No linear change	Not available	No change
QN42: I female s day duri	tudents	or five	or more	drinks o	of alcoh												_
													21.2	19.9	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	and Oth	er Drug	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:	Percent	age of s	tudents	who eve	er used i	narijuan	a (one o	or more	times du	aring the	eir life)						
											38.2	38.5	36.7	37.3	No linear change	Not available§	No change
QN46:	Percent	age of s	tudents	who trie	d marij	uana for	the first	t time b	efore ag	e 13 yea	ars	•					,
											7.8	7.4	6.5	7.2	No linear change	Not available	No change
QN47: survey)		age of s	tudents	who cur	rently u	sed mar	ijuana (one or n	nore tim	es durir	ng the 30	0 days b	efore th	ie			
•											20.2	23.3	22.3	25.2	No linear change	Not available	No change
QN48:	Percent	age of s	tudents	who eve	er used s	synthetic	mariju	ana (one	e or mor	e times	during	their life	e)				
												11.3	5.7	6.9	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.

Female Alcohol a	nd Oth	er Dru	g Use														
				Н	ealth R	isk Beh	avior ar	nd Perc	entages						Linear Change [*]	Quadratic Change*	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN49: different Hydroco	ly than	how a c	doctor to	old them	to use i	it (count	ing drug	gs such a									
													13.5	14.9	No linear change	Not available§	No change
QN50: one or m		_			er used o	cocaine (any for	m of coo	caine, in	cluding	powde	r, crack	, or free	base,			
											4.7	2.8	3.0	3.3	No linear change	Not available	No change
QN52: times du			tudents	who eve	er used h	neroin (a	lso calle	ed "sma	ck," "jui	nk," or '	"China '	White,"	one or i	more			
											2.6	2.0	0.9	1.2	Decreased, 2013-2018	Not available	No change
QN53: "ice," or							hetamii	nes (also	called	"speed,	" "cryst	al meth,	" "cranl	ζ,"			
											2.9	2.0	1.6	1.2	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.

Female Alcohol a	nd Oth	er Druş	g Use	Н	ealth Rì	isk Beh	avior ar	nd Perco	entages						Linear Change [*]	Quadratic Change [*]	Change from
									9						ð		2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN54: 1	Percenta	age of s	tudents	who eve	r used e	ecstasy (also call	ed "MD	MA," c	one or m	nore tim	es durir	ng their	life)			
											5.9	4.2	3.7	2.3	Decreased, 2013-2018	Not available§	No change
QN56: I						ed any il	legal dr	ug (used	d a need	le to inj	ect any	illegal	drug int	to their			
body, on	e or mo	ore time	s during	their lif	e)						2.4	1.9	1.7	1.8	No linear change	Not available	No change
ONET	D	C	. 1	1	CC	.111			1 1	1.	1	(1		. 10			
QN57: I months b				wno wei	re offere	ed, sold,	or givei	an ille	gal drug	g on sch	ool proj	perty (a	uring th	ie 12			
											21.4	21.4	15.5	19.9	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.

Based on t-test analysis, p < 0.05.

Not enough years of data to calculate.

Maryland High School Survey Cecil 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 37.2 37.3 Decreased, 2013-2018 Not available§ No change QN59: Percentage of students who had sexual intercourse for the first time before age 13 years 2.7 2.2 2.3 No linear change Not available No change QN60: Percentage of students who had sexual intercourse with four or more persons during their life No change 10.7 9.0 5.5 Decreased, 2013-2018 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) 37.3 30.4 28.8 29.5 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.

emale exual Be	ehavior	s															
				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	-		
QN62: 1 who wer					nk alcol	ol or us	ed drug	s before	last sex	cual inte	ercourse	(amon	g studer	its			
											18.2	21.7	19.0	21.8	No linear change	Not available§	No change
		age of s		who use	d a cond	lom dur	ing last	sexual i	ntercou	rse (am	ong stud	dents w	no were				
											59.9	52.4	49.6	50.2	Decreased, 2013-2018	Not available	No change
		age of s					oills befo	ore last	sexual i	ntercou	rse (to p	prevent	oregnan	cy,			
											28.2	29.3	29.2	29.0	No linear change	Not available	No change
QNIUDI or Nexpl																	
											1.4	2.0	1.2	8.9	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.

emale exual B	ehavior	S		Н	ealth Ri	sk Beha	avior an	nd Perce	entages						Linear Change*	Ouadratic Change*	Change from
						,511 2 			errenges						zmom cmmgo	Annarame cumb	2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QNSHP control i	ring (suc	ch as Nu	vaRing)														
											7.8	7.7	10.8	4.7	No linear change	Not available§	Decreased
QNOTH implant control i	(such as ring (suc	s Implan ch as Nu	on or NovaRing)	explano	n); or a	shot (su	ch as D	epo-Pro	vera), p	atch (su	ch as C)rthoEv	ra), or b				
	, sement	iy dolir.	-)								37.4	39.0	41.2	42.6	No linear change	Not available	No change
		D	ige of st	udents v	who use	d both a	condon	n during	last sex					rol			
QNDUA pills; an Depo-Pr (to prev	IUD (st rovera),	ich as M patch (s	Iirena oi uch as C	· ParaGa OrthoEv	ard) or i ra), or b	mplant (irth con	trol ring	Implang (such a	ıs Nuval					ourse			

^{*}Based on trend analyses using a logistic regression model controlling 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 Cecil County Trend Analysis Report

Female Sexual Behaviors Linear Change* **Health Risk Behavior and Percentages** Quadratic Change* Change from 2016-2018 [†] 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QNBCNONE: Percentage of students who did not use any method to prevent pregnancy during last sexual intercourse (among students who were currently sexually active) Not available§ 11.4 8.8 11.7 12.4 No linear change No change QN84: Percentage of students who were ever tested for human immunodeficiency virus (HIV) (not counting tests done if they donated blood) 12.8 12.3 13.0 No linear change Not available No change

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

[§]Not enough years of data to calculate.

				Не	alth 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	-		
	Γ: Perceased on											tile for l	oody ma	ıss			
											14.7	16.7	18.1	16.4	No linear change	Not available¶	No change
	ESE: Pe								le for bo	ody mas	s index	, based	on sex-	and 9.7	No linear change	Not available	No change
ige-spe											J. <u>2</u>						No change
	Percenta	age of st	udents v	vho desc	cribed th	hemselv	es as sli	ghtly or	very ov	verweigh							No change
	Percenta	age of st	udents v	vho dese	cribed th	hemselv	es as sli	ghtly or	very ov	_		36.0	35.6	32.4	No linear change	Not available	No change
QN67: QN69:	Percenta Percenta ne surve	age of st	,						-		nt 32.7				No linear change	Not available	

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

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

Not enough years of data to calculate.

				Н	ealth Ri	sk Beha	avior an	d Perce	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN70:	Percenta	age of st	udents v	who did	not eat	fruit (on	e or mo	re times	during	the 7 da	ıys befo	ore the si	ırvey)				
											11.3	13.5	13.4	13.4	No linear change	Not available [§]	No change
					id not ea		r drink 1	100% fr	uit juice	es (such	as oran	ge juice	apple j	uice,			
					id not ea		r drink 1	100% fr	uit juice	es (such	as orang	ge juice.	apple j	uice,	Increased, 2013-2018	Not available	No chang
or grape	juice, d	luring th	e 7 days	s before		rey) r drank	100% fr	ruit juice	es one o		4.3	7.5	7.9		Increased, 2013-2018	Not available	No chanş

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

[§]Not enough years of data to calculate.

, eight i	runuge		u Dicta	ry Beha He	ealth Ri	isk Beha	avior an	nd Perco	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
					te fruit o					or more	times p	er day (such as				
											24.0	23.0	19.9	21.0	No linear change	Not available [§]	No change
QN71:	Percent	age of st	udents	who did	not eat	green sa	ılad (one	e or mor	re times	during	the 7 da	ıys befo	re the s	urvey)	,		,
											33.3	39.3	39.4	39.1	Increased, 2013-2018	Not available	No change
QN72:	Percent	age of st	udents	who did	not eat	potatoes	s (one or	r more ti	imes du	ring the	7 days	before t	he surv	ey)	,		
											36.2	34.5	28.0	35.4	No linear change	Not available	Increased
	D .	age of st	udents	who did	not eat	carrots	one or r	more tin	nes duri	ng the 7	days b	efore th	e surve	y)	,		
QN73:	Percent	age or si				Currous				•							

^{*}Based on trend analyses using a logistic regression model controlling 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	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	getable	s (one o	r more t	imes du	ring the	7 days	before t	he			
•											13.7	16.2	14.7	13.1	No linear change	Not available§	No change
QNVEO potatoes												ng Frenc	h fries, i	fried 5.3	No linear change	Not available	No change
	, or pota	eentage	s], carro	ts, or oth	ate vege	etables,	during the	he 7 day	es per d	ay (gree	3.9 en salad	6.1 , potatoo	4.9 es [exclu	5.3	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	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	_		
QNVEO French f																	
											22.1	21.1	21.6	21.9	No linear change	Not available§	No change
QNVEC [excludi survey)											een sal			the 10.1	No linear change	Not available	No change
[excludi	ng Fren	age of st	fried po	who did	or potat	o chips]	, carrots	or glass	er veget	ables, d	een sal luring t	8.8	8.6	10.1	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.

				Н	ealth Ri	sk Beha	avior ar	nd Perco	entages	S					Linear Change*	Quadratic Change*	Change from 2016-201
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QNSOD														ay			
such as	Coke, F	epsi, or	Sprite,	not cou	nting die	et soda o	or diet p	op, duri	ng the 7	7 days be	efore th	e surve	7)				

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

[§]Not enough years of data to calculate.

Female Physical	Activity	7													* *		G1 4
				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	_		
QN78: kind of j	physical	activity	that in														
											32.9	31.9	27.5	37.0	No linear change	Not available§	Increased
QNPA0 1 day (in during t	n any kii	nd of ph	ysical a	ctivity t													
											18.6	22.0	19.4	18.7	No linear change	Not available	No change
QNPA7 kind of j days bef	physical	activity	that in														
											15.6	14.5	10.8	18.4	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.

Female Physical A	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:	Percenta	age of st	tudents	who wa	tched te	levision	3 or mo	ore hour	s per da	y (on ar	averag	e schoo	l day)	•			
											29.4	26.9	21.6	19.6	Decreased, 2013-2018	Not available [§]	No change
QN80: 1 (countin Instagra	g time s	spent on	things s	such as	Xbox, P	layStati	on, an il	Pad or o	ther tab	let, a sn	artphor	ie, texti	ng, Ýou chool da	Tube,	No linear change	Not available	No change
QN81: week wh					ended pl	hysical e	educatio	n (PE) c	classes o	n 1 or n	nore day	s (in an	averag	e			
											29.3	29.9	38.6	39.4	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.

Maryland High School Survey Cecil County Trend Analysis Report

Female **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) Decreased, 2013-2018 Not available§ 23.0 25.1 2.4 3.4 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) 13.9 15.0 No linear change Not available No change

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

[§]Not enough years of data to calculate.

Female Other																	
				Н	ealth Ri	isk Beh	avior ar	nd Perco	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QN86: during tl						ist (for a	check-ı	ıp, exan	n, teeth	cleaning	g, or oth	er denta	al work	,			
					,							78.1	79.6	80.7	No linear change	Not available [§]	No change
QNNOE work)	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			
												1.3	1.3	1.3	No linear change	Not available	No change
QN87:	Percenta	age of st	tudents	who had	l ever be	een told	by a doo	ctor or n	urse tha	at they h	nad asth	ma			,		,
											26.0	27.2	28.3	22.6	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.

Maryland High School Survey Cecil County Trend Analysis Report

Female

Site-Add	led			н	ealth R	isk Beh	avior aı	nd Perc	entages						Linear Change [*]	Quadratic Change*	Change from
				11	cann K	isk Den	uv101 u1	iu i ci c	ciiuges						Emear Change	Quadratic Change	2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	<u> </u>		
QN90:	Percent	age of s	tudents	who are	transge	ender							2.8	1.1	Decreased, 2016-2018	Not available [§]	Decreased
	Percent the surve								g (on at	least 1	day dur	ing the 3		33.0	No linear change	Not available	No change
QN94:	Percent	age of s	tudents	who smo	oked a v	whole ci	garette l	pefore a	ge 13 ye	ears (for	the firs	t time)	6.8	3.0	Decreased, 2013-2018	Not available	Decreased
	Percent ing the					bacco in	a hooka	nh, narg	hile, or o	other ty	pe of wa	aterpipe	(on at le	east 1 5.0	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 Cecil County Trend Analysis Report

emale ite-Addo	ed																
				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>		
QN99: 1 vapor pr											flavor v	vith an	electron	ic			
												96.3	97.9	98.5	Increased, 2014-2018	Not available§	No change
QN101: oil, or T			students	who ha	ive ever	used an	electro	nic vapo	or produ	ct to sm	noke ma	rijuana,	THC or	r hash			
													9.6	21.6	Increased, 2016-2018	Not available	Increased
QN102: little cig				who th	ink they	definite	ely or pr	obably	will smo	oke a ci	garette,	cigar, c	igarillo,	or			
													15.6	13.3	No linear change	Not available	No change

7.2 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.

te-Adde	ed			Н	ealth R	isk Beh	avior ar	nd Perc	entages						Linear Change [*]	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN104:		tage of	students	who tri	ied or us	sed toba	cco proc	lucts for	the firs	t time (during t	he 12 m	onths b	efore	-		
	•											16.8	7.5	12.9	Decreased, 2014-2018	Not available [§]	Increased
			-			•	-								·		-
						ly quit u lucts dur						2 month 32.8	s before	e the 5.0	Decreased, 2013-2018	Not available	Decreased
survey, a	among s	students	who us	ed tobac	eco prod		ring the	12 mont	ths befo	re the su	37.0				Decreased, 2013-2018	Not available	Decreased
survey, a	among s	students	who us	ed tobac	eco prod	lucts dur	ring the	12 mont	ths befo	re the su	37.0				Decreased, 2013-2018 Decreased, 2013-2018	Not available Not available	Decreased No change
QN106:	Percen	atage of	students	s who lives	ve with	lucts dur	e who no	ow smol	kes ciga	re the su	37.0 37.0 r cigars 52.8	32.8 50.2	33.1	5.0	,		

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

[§]Not enough years of data to calculate.

emale ite-Adde	ed			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		
QN108: during th					ere in th	e same	room wi	ith some	eone wh	o was si	moking	(on at l	east one	e day			
during ti	ie / uay	s before	the sur	vey)									38.9	37.3	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	uring the	e last			.,
3 011 001 j	· · · · · · · · · · · · · · · · · · ·										72.7	71.3	66.1	65.8	Decreased, 2013-2018	Not available	No change
QN117: friends	Percen	tage of	students	who sa	y definit	tely yes	or prob	ably yes	s that yo	ung pec	ple wh	o smok	e have n	nore			
											28.4	28.0	23.6	30.3	No linear change	Not available	Increased
QN118:		tage of	students	who sa	y defini	tely yes	or prob	ably yes	s that sm	oking r	nakes y	oung pe	eople lo	ok			
COOI OI I	11 111										13.8	15.4	13.9	17.0	No linear change	Not available	No change

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

[§]Not enough years of data to calculate.

Female Site-Adde	ed			Н	ealth Ri	sk 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			
QN119: parents i								eking h	elp fron	n one oi	more a	dults be	esides th	eir			
											83.7	83.9	82.9	81.3	Decreased, 2013-2018	Not available [§]	No change

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

[§]Not enough years of data to calculate.

White* Injury ar	nd Viol	ence															
				I	Iealth F	Risk Bel	navior a	nd Per	centage	S					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN9: Pe							ho had l	been dri	nking al	lcohol (i	in a car	or other	vehicle	e, one			
		C	J			3,					19.1	22.5	14.8	15.5	Decreased, 2013-2018	Not available¶	No change
QN10: I times du days befo	ring the	30 day:															·
											9.1	9.0	4.8	6.5	Decreased, 2013-2018	Not available	No change
QN11: F the 30 da survey)																	,
• •											35.0	31.6	29.5	36.4	No linear change	Not available	No change

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

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

njury a	nd Viol	ence		F	Iealth R	Risk Bel	navior a	and 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	_		
		age of st				eapon o	n schoo	l proper	ty (such	ı as a gı	ın, knif	e, or clu	b, on at	least 1	•		
uay uuri	ng the 5	o uays i	octore u	ic sui ve	<i>y)</i>						3.7	4.7	4.5	3.4	No linear change	Not available [¶]	No chang
		age of st											y for hu	nting			,
													y for hu	nting 4.0	No linear change	Not available	No chang
Or for a grant of the property	sport such		rget shoo	oting, or	n at leas	t 1 day of	during the	he 12 m	onths be	efore th	e surve	/) 	3.6	4.0	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 Viol	ence		H	lealth R	Risk Bel	navior a	nd Per	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
	Percenta before the			who wer	re in a p	hysical	fight on	school	property	(one o	r more t	times du	ring the	7.7	No linear change	Not available¶	No change
someone with an	Percenta e they w object o	vere dati or 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	ng, or i	njured			
											10.3	9.4	8.0	9.6	No linear change	Not available	No chang
QN23:	Percenta	age 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)			,
											24.0	24.8	22.7	20.1	Decreased, 2013-2018	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.

White* Injury a	nd Viol	ence															
				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	-		
QN24: Taceboo											d throug	gh textir	ıg, Insta	ıgram,			
											16.4	17.6	14.7	15.5	No linear change	Not available¶	No change
QN25:	Percenta doing s	age of st	tudents	who felt	sad or l	nopeless g the 12	s (almos months	t every	day for the surv	>=2 we rey)	eks in a	row so	that the	ey			
											26.7	28.8	29.6	34.6	Increased, 2013-2018	Not available	Increased
QN26:	Percenta	age of st	tudents	who ser	iously c	onsidere	ed attem	pting su	icide (e	ver duri	ing the	12 mont	hs befo	re the			
											14.7	17.7	16.2	17.2	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	ıs			
											11.8	14.9	12.7	13.9	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	Iealth 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	udents	who cur	rently s	moked c	rigarette	s (on at	least 1 c	lay duri	ng the 3	30 days	before t	he			
											18.1	16.5	9.4	6.5	Decreased, 2013-2018	Not available¶	Decrease
QNFRC			of stud	ents wh	o currer	ntly smo	ked ciga	arettes fi	requentl	y (on 20	or mor	re days o	during t	ne 30			
days ber	ore the	sui vey)									7.4	5.6	2.7	1.7	Decreased, 2013-2018	Not available	No chang
QNDAY			ge of st	udents v	vho curi	rently sn	noked ci	igarettes	s daily (on all 30	0 days d	luring th	ie 30 da	ys			,
											5.5	4.4	2.2	1.4	Decreased, 2013-2018	Not available	No chang
QN34: I	es, vapi	ing pens															
eGo, and	i Halo]))										45.9	42.3	54.8	Increased, 2014-2018	Not available	Increased

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

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

	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		
-pipes,	vape pi	pes, vap		s, e-hoo	kahs, an	d hooka	h pens [such as	blu, NJ		ing e-ciga ise, Mark						
											3	30.3	19.4	40.8	Increased, 2014-2018	Not available [¶]	Increase
			e of stud		o curren	ntly used	l electro	nic vap	or produ	icts freq	uently (o	on 20 c	r more	days			
					o curren	ntly used	l electro	nic vap	or produ	icts freq		on 20 o	r more	days	Increased, 2014-2018	Not available	Increase
during tl	he 30 da	ys befo	re the su	rvey)	,	,				,		4.3	3.0	11.3	Increased, 2014-2018	Not available	Increased
ONDAY	he 30 da	ys befo	re the su	rvey)	,	,				,	aily (on a	4.3	3.0	11.3	Increased, 2014-2018 Increased, 2014-2018	Not available Not available	Increased
QNDAY the 30 da QNTB5	YEVP: 1 ays before: Percei	Percenta ore the s	nge of st urvey)	udents v	who curi	rently us	sed elect	ronic v	apor pro	oducts d	aily (on a	4.3	3.0 lays dui 1.8	11.3 ing 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.

Vhite* 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	3		
(such as	Percenta a conve	enience	store, su	ıpermarl	ket, disc	ount sto	re, gas s	station, d	or vape	store, d	uring th	e 30 day					
•				·									5.3	4.8	No linear change	Not available¶	No chang
lissolva	Percenta ble toba roducts,	cco pro	ducts [s	uch as C	Copenha	gen, Gri	izzly, Sk	coal, or (nic			
													5.7	5.7	No linear change	Not available	No chang
	Percenta he 30 da				rently si	moked c	eigars (c	igars, ci	garillos,	or little	e cigars,	on at le	ast 1 da	y			·
											14.0	14.0	10.0	7.7	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 Cecil 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)

23.3 21.3 14.4 11.1 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.

White* Alcohol a	and Otl	her Dru	g Use	H	lealth R	tisk Beh	navior a	nd 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	3		
QN40: 1	Percenta	age of st	tudents v	who had	their fi	rst drink	of alco	hol befo	ore age 1	13 years	(other	than a f	ew sips)			
											19.6	20.2	15.3	16.3	Decreased, 2013-2018	Not available [¶]	No chang
QN41: 1 the 30 da				who cur	rently di	rank alco	ohol (at	least on	e drink	of alcol	nol, on a	at least	l day dı	uring			
			•								38.2	36.1	31.8	34.4	Decreased, 2013-2018	Not available	No chang
			tudonto	who cur	rently w	ere bing	ge drinki	ing (had	four or	more d		alcoho	l in a ro	w for			
QN42: l female s day duri	tudents	or five	or more	drinks o	of alcoho				dents, w	ithin a c	couple o	of hours	on at l	east 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.

AICOHOI	and Otl	ner Dru	g Use	H	Iealth F	Risk Bel	havior 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>		
QN45:	Percenta	age of st	udents v	who eve	r used r	narijuan	na (one o	or more	times dı	iring the	eir life)						
											41.5	37.0	32.3	34.5	Decreased, 2013-2018	Not available [¶]	No chang
QN46:	Percenta	age of st	udents	who trie	d mariji	uana for	the first	t time be	efore ag	e 13 ye:	ars		.				
											10.0	9.8	6.7	7.3	Decreased, 2013-2018	Not available	No chang
QN47: survey)	Percenta	age of st	udents	who cur	rently u	sed mar	rijuana (one or n	nore tim	es durir	ng the 3	0 days b	efore th	ie			
sui vey)											23.5	23.6	20.1	22.2	No linear change	Not available	No chang
QN48:	Percenta	age of st	udents	who eve	er used s	synthetic	mariju:	ana (one	e or mor	e times	during	their life	e)				
-		-				-	J	,				12.9	6.0	5.9	Decreased, 2014-2018	Not available	No chang

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

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

White* Alcohol	and Ot	her Dru	ıg Use	H	Iealth R	Risk Bel	avior a	nd Perc	centages	S					Linear Change [†]	Quadratic Change [†]	Change from
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		2016-2018 §
1771	1773	1993	1991	1777	2001	2003	2003	2007	2009	2011	2013	2014	2010	2010	•		
differen	tly than	how a d	loctor to	who eve old them e or mor	to use it	t (count	ing drug	s such a									
													12.9	12.7	No linear change	Not available¶	No chang
	Percent more tim			who eve	r used c	eocaine (any for	n of coo	caine, in	cluding	powder	r, crack,	or free	base, 3.7	Decreased, 2013-2018	Not available	No chang
	Percent uring the		tudents	who eve	r used h	eroin (a	lso calle	ed "smac	ck," "jur	ık," or "	'China V	White,"	one or i	more			
u											3.1	2.9	1.6	1.6	Decreased, 2013-2018	Not available	No chang
annes di											0.1		1.0	1.0		1 (of a variable	NO Chang
QN53:				who eve			hetamir	nes (also	called '	"speed,"						Tiot 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.

Alcohol				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," o	ne or m	ore tim	es durir	g their	life)			
											6.2	5.6	4.1	3.3	Decreased, 2013-2018	Not available [¶]	No chang
				who eve		ed any il	legal dri	ug (usec	l a need	le to inj					Decreased, 2013-2018	Not available [¶]	No chang
				who eve		ed any il	legal dr	ug (used	l a need	le to inj					Decreased, 2013-2018 No linear change	Not available¶	
body, or	ne or mo	ore time	s during	their lif	e)						ect any 2.6	illegal	drug int	o their			No chang
body, or QN57:	ne or mo	age of s	es during		e)						ect any 2.6	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 Cecil County Trend Analysis Report

White*

				H	Health F	Risk Bel	navior a	Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §							
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN58:	Percent	age of s	tudents	who eve	er had se	exual int	ercourse	;			47.1	42.0	37.3	37.2	Decreased, 2013-2018	Not available [¶]	No change
QN59:	Percent	age of s	tudents	who had	d sexual	intercou	arse for	he first	time be	fore age	e 13 yea	rs 3.8	3.1	2.6	Decreased, 2013-2018	Not available	No change
QN60:	Percent	age of s	tudents	who had	d sexual	intercou	ırse with	four o	more p	ersons	during t	heir life	6.3	6.5	Decreased, 2013-2018	Not available	No change
QN61: during t						ntly sexu	ually act	ive (had	l sexual	interco	urse wit	h at leas	st one pe	erson, 28.5	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.

White* Sexual B	Sehavio:	rs															
	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	_		
QN62:		_			ınk alcol	hol or us	sed drug	s before	e last sex	cual inte	ercourse	(amon	g studer	nts			
											23.5	23.1	18.5	23.0	No linear change	Not available [¶]	No change
QN63:				who use	ed a con	dom dur	ring last	sexual i	intercou	rse (am	ong stud	dents w	no were				,
											58.3	55.1	50.7	55.0	No linear change	Not available	No change
QN64: among s	Percenta students	age of s	tudents ere curre	who use	ed birth (control p	pills bef	ore last	sexual i	ntercou	rse (to p	prevent	pregnan	cy,			
											25.9	25.7	28.4	29.9	No linear change	Not available	No change
						l an IUD o preven											
											0.9	1.4	1.1	6.6	Increased, 2013-2018	Not available	Increased

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

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

				H	lealth F	Risk Bel	havior a	nd Per	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
control 1	ring (suc		vaRing)				(such as										
											6.8	6.3	8.5	4.1	No linear change	Not available¶	Decrease
mplant control 1	(such as ring (suc	s Implan ch as Nu	on or NivaRing)	explano	n); or a	shot (su	control puch as D	epo-Pro	vera), p	atch (su	ich as C	rthoEvr	a), or bi				
implant control 1	(such as ring (suc	s Implan	on or NivaRing)	explano	n); or a	shot (su	ich as Ď	epo-Pro	vera), p	atch (su	ich as C	rthoEvr	a), or bi		Increased, 2013-2018	Not available	No chan
entrol is control is control is control is control is control is control in the c	(such as ring (such y sexual ALBC: IUD (such rovera),	s Implanch as Nully active Percentauch as Martine patch (s	age of st livena or uch as (explano before udents v ParaG	who use ard) or i	shot (su cual inte	ich as Ď	epo-Pro (to prev m during Implan	g last secon or N	atch (su gnancy, xual inte	33.7 ercourse on); or a	33.4 e and bin shot (su	38.0 rth contract	40.6	Increased, 2013-2018	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	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			
									prevent	pregnar	ncy duri	ng last	sexual	:			
							any me		prevent	pregnar				11.3	No linear change	Not available¶	No chans
									prevent	pregnar	ncy duri	ng last		11.3	No linear change	Not available [¶]	No chan
ntercour	rse (amo	ong stud	lents wh	o were	currently	y sexual	lly activ	e)			11.8	9.4			No linear change	Not available [¶]	No char

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

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

				H	Iealth R	isk Beh	avior a	nd Pero	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	-		
			of studen d age-sp									ile for t	oody ma	iss			
											15.2	15.3	16.6	14.2	No linear change	Not available	No chang
			e of stud ata from						le for bo	ody mas	ss index	, based	on sex-	and			
											12.1	13.3	15.5	12.3	No linear change	Not available	No chang
QN67:	Percenta	age of st	tudents v	who des	cribed tl	nemselv	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	verweigl	ht 30.7	31.1	31.6	27.8	No linear change	Not available	Decrease
QN69:	,	age of st	tudents v				,		-		30.7				No linear change	Not available	Decreas

^{*}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 1	Manage	ement a	nd Diet	-		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	3		
QN70:	Percenta	age of st	tudents v	who did	not eat	fruit (on	ne or mo	ore times	during	the 7 da	ays befo	ore the s	survey)				
											13.4	14.2	13.3	14.8	No linear change	Not available¶	No chang
																	·
						at fruit o	r drink	100% fr	uit juice	es (such	as oran	ge juice	e, apple	juice,			
			student ne 7 days				r drink	100% fr	uit juice	es (such	as oran	ge juice	e, apple	juice, 9.5	No linear change	Not available	No chang
or grape	juice, d	luring th	ne 7 days	s before	the surv	vey)					6.9	8.6	8.6	9.5	No linear change	Not available	No chang
ONFR1	juice, d	luring th	ne 7 days	s before	the surv		100% fi	ruit juic	es one o		6.9	8.6	8.6	9.5	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.

Veight 1	Manage	ement a	nd Diet	-		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	-		
							100% f			or more	times p	er day (such as	•			
											24.7	23.0	21.9	19.8	Decreased, 2013-2018	Not available¶	No chang
QN71:	Percent	age of st	udents	who did	not eat	green sa	alad (on	e or moi	re times	during	the 7 da	ıys befo	re the si	ırvey)	+		
											38.7	43.7	42.9	44.9	Increased, 2013-2018	Not available	No chang
QN72:	Percent	age of st	udents	who did	not eat	potatoe	s (one or	r more t	imes du	ring the	7 days	before t	the surv	ey)			
											33.4	31.0	28.0	36.3	No linear change	Not available	Increase
	Percent	age of st	udents	who did	not eat	carrots	(one or	more tin	nes duri	ng the 7	days b	efore th	e surve	y)			
QN73:																	

^{*}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.

				Н	lealth R	tisk Beh	avior a	nd Pero	centages	S					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991 19	993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN74: Persurvey)	centag	ge of st	udents v	who did	not eat	other ve	getables	s (one o	r more t	imes du	ring the	7 days	before t	the			
survey)											16.6	17.2	17.2	15.8	No linear change	Not available¶	No change
QNVEG0: potatoes, or											vey)	g Frenc	h fries,	fried	No linear change	Not available	
											5.6	1.2	3.1	7.1	No inical change	Not available	No change
QNVEG1: French fries											n salad.	, potato	es [excl	uding	Two filled 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 R	isk 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>		
												d, potato					
											22.2	22.8	22.2	21.6	No linear change	Not available¶	No chang
excludi												ad, potat ne 7 day		the			
excludi														the 8.6	No linear change	Not available	No chan
excludi urvey) QN75:	ng Frence	ch fries,	fried po	who did	or potate	o chips]	, carrots	or glass	er veget	ables, d	uring th	ne 7 day	9.3	8.6	No linear change	Not available	No chan

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

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

				H	lealth R	Risk Beh	navior a	nd Pero	centages	S					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991 19	993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
NSODA1		_				,	,	_						ıy	+		
uch as Co	oke, P	epsi, or	Sprite,	not cou	nting die	et soda o	or diet p	op, duri	ng the 7	days be	efore th	e surve	7)				

^{*}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* Physical	Activit	y															
				H	Iealth 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	_		
QN78: kind of j days bef	physical	activity															
											42.7	39.7	35.7	46.7	No linear change	Not available¶	Increased
QNPA0 1 day (ii during th	ı any kir	nd of ph	ysical a	ctivity t													
											15.5	18.0	16.7	13.7	No linear change	Not available	No chang
QNPA7 kind of j days bef	physical	activity															

^{*}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* 'hysical Activi	ty															
			H	lealth R	tisk 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		
QN79: Percen	tage of st	udents v	who wat	ched tel	evision	3 or mo	re hour	s per da	y (on ar	averag	e schoo	l day)				
										27.5	24.7	23.0	16.8	Decreased, 2013-2018	Not available¶	Decrease
QN80: Percen counting time nstagram, Fac	spent on	things s	uch as 2	Kbox, Pl	layStatio	on, an iF	Pad or o	ther tab	let, a sn	artphor	ne, texti	ng, Ŷοι	ıTube,			
										37.2	40.5	40.7	43.8	Increased, 2013-2018	Not available	No chang
QN81: Percen				nded ph	ysical e	ducation	n (PE) c	lasses o	n 1 or r	nore day	ys (in aı	averag	ge			
										34.2	30.1	43.6	44.7	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.

Maryland High School Survey Cecil 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) 27.7 25.1 4.8 4.2 Decreased, 2013-2018 Not available ¶ No change QN83: Percentage of students who had a concussion from playing a sport or being physically active (one or more times during the 12 months before the survey) 14.8 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.

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

Not enough years of data to calculate.

Maryland High School Survey Cecil County Trend Analysis Report

White* Other **Health Risk Behavior and Percentages** Linear Change[†] Quadratic Change[†] Change from 2016-2018 § 1991 1993 1999 1995 1997 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QN86: Percentage of students who saw a dentist (for a check-up, exam, teeth cleaning, or other dental work, during the 12 months before the survey) 79.2 81.8 81.7 No linear change Not available ¶ No change QNNODNT: Percentage of students who never saw a dentist (for a check-up, exam, teeth cleaning, or other dental work) 1.3 1.1 0.9 No linear change Not available No change QN87: Percentage of students who had ever been told by a doctor or nurse that they had asthma 23.6 No linear change Not available No change 24.6 27.8 25.8

^{*}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.

White* Site-Add	led			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	<u> </u>		
QN90:	Percenta	nge of st	udents v	who are	transge	nder							2.2	1.1	No linear change	Not available [¶]	Decreased
QN93: before the									g (on at	least 1	day dur	ing the	30 days 29.6	34.7	Increased, 2016-2018	Not available	No change
QN94: 1	Percenta	age of st	udents v	who smo	oked a v	whole ci	garette b	efore a	ge 13 ye	ears (for	the first	t time) 9.9	7.1	3.7	Decreased, 2013-2018	Not available	Decreased
QN98: day duri						pacco in	a hooka	ıh, nargl	nile, or o	other typ	oe of wa	aterpipe	(on at le	3.5	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.

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

	led			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	3		
	Percenta roduct (a										flavor v	with an	electron	ic			
												93.9	98.2	98.0	Increased, 2014-2018	Not available¶	No change
	Percen HC wax		students	who ha	ive ever	used an	electro	nic vapo	or produ	ct to sm	noke ma	rijuana,	, THC o	r hash			
													10.2	20.6	Increased, 2016-2018	Not available	Increased
	Percengar in the			who th	ink they	definite	ely or pr	obably	will smo	oke a ci	garette,	cigar, c	igarillo,	or			
													17.3	17.0	No linear change	Not available	No change
	Percen					ored toba											
	l smokel	.055 1001	•														

^{*}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-Added			Н	Iealth R	lisk Beh	avior a	nd Pero	centage	S					Linear Change [†]	Quadratic Change [†]	Change from
1001 1002	400=	100=	1000	••••	2002	•••	****	•				•		_		2016-2018 [§]
1991 1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN104: Percenthe survey)	itage of	students	who tri	ed or us	ed tobac	cco proc	lucts for	the firs	t time (during t	he 12 m	onths b	efore	,		
											16.1	8.9	11.7	Decreased, 2014-2018	Not available¶	Increased
QN105: Percensurvey, among s											2 month	s befor	e the			
										34.0	28.8	33.4	6.2	Decreased, 2013-2018	Not available	Decreased
QN106: Percen	tage of	students	who liv	e with s	someone	who no	ow smol	kes ciga	rettes or	cigars						
										53.5	50.4	41.2	40.6	Decreased, 2013-2018	Not available	No change
QN107: Percen									home i	s that s	moking	is not				
												80.9	81.3	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.

				H	lealth R	disk 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		
			students the sur		ere in th	e same 1	room wi	ith some	eone wh	o was si	moking	(on at	least on	e day			
													36.8	35.9	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 (d	uring th	e last			
		atage of	students	who we	ere taug	ht in the	ir classe	es about	the dan	gers of	73.0	o use (di 70.0	uring th	e last 67.8	Decreased, 2013-2018	Not available	No change
school y	rear)	,						·		gers of t	73.0	70.0	66.5	67.8	Decreased, 2013-2018	Not available	No change
QN117:	rear)	,						·			73.0	70.0	66.5	67.8	Decreased, 2013-2018 No linear change	Not available Not available	No change
N117: riends	Percen	tage of	students	who sa	y defini	tely yes	or proba	ably yes	s that yo		73.0 ople wh 27.4	70.0 o smok 28.3	66.5 e have r 23.6	67.8 more 28.9			

^{*}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 Cecil County Trend Analysis Report

White* Site-Added

Health Risk Behavior and Percentages

Linear Change[†] Qua

Quadratic Change[†]

Change from 2016-2018 §

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

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

83.0 83.2 82.5 81.9

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.

				H	Iealth R	Risk Bel	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			
					with a c		ho had l	been dri	nking al	cohol (in a car	or other	vehicle	, one			
											21.7	24.0	14.8	12.7	Decreased, 2013-2018	Not available [¶]	No chang
				who car		eapon o	n schoo	l proper	ty (such	as a gu	ın, knife	e, or club	o, on at	least 1			
											4.1	6.4	10.8	2.4	No linear change	Not available	Decrease
					ried a gu							gun only	for hur	nting			·
	. r		8	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* Injury and \	Violenc	e															
				Н	Iealth R	Risk Bel	navior a	ind Per	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991 19	993 19	95 1	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN16: Perc knife, or clu										on scho	ol prop	erty (su	ch as a g	gun,			
											10.5	7.4	7.8	7.8	No linear change	Not available¶	No change
QN18: Perc	centage ore the s	of stud	ents w	ho wer	e in a p	hysical	fight on	school	property	(one o	r more	imes di	ıring the	e 12			,
											19.3	15.0	15.6	18.4	No linear change	Not available	No chang
QN23: Perc	centage	of stud	ents w	ho wer	e bullie	d on scl	nool pro	perty (e	ver duri	ng the 1	2 mont	hs befo	re the su	ırvey)			;
											20.5	17.6	12.6	18.2	No linear change	Not available	No chang
		of stud	lents w	who wer	re electr	onically	bullied				d throug	h textir	ng, Insta	gram,			
QN24: Perc Facebook, o							onths be	fore the	survey)								

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

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

Black* Injury an	nd Viol	ence		H	lealth R	lisk Beh	avior a	nd Pero	centages	S					Linear Change [†]	Quadratic Change [†]	Change from
																	2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN25: F											eks in a	row so	that the	y	1		
stopped o	doing so	ome usu	al activi	ties, eve	er during	g the 12	months	before	the surv	ey)							
											28.8	22.9	23.1	27.7	No linear change	Not available¶	No change
QN26: F	Percenta	ige of st	udents v														
		•	uuciits v	who seri	ously co	onsidere	d attemp	oting su	icide (ev	ver duri	ng the 1	2 mont	hs before	re the			:
survey)			udents v	who seri	ously co	onsidere	d attemp	oting su	icide (ev	ver duri	_				No linear change	Not available	No chang
survey)			udents v	who seri	ously co	onsidere	d attemp	oting su	icide (ev	ver duri	ng the 1	2 mont 15.3	hs before 13.6	16.9	No linear change	Not available	No chang
QN27: Foefore th		nge of st						-		·	15.8	15.3	13.6	16.9	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.

Black* Fobacco	Use																
				I	Health I	Risk Bel	havior 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	cigarette	s (on at	least 1 c	lay duri	ng the 3	30 days	before t	he			
3,											8.3	10.7	9.4	2.8	No linear change	Not available [¶]	Decrease
QNFRC lays bef			of stud	ents wh	o currer	ntly smo	ked ciga	arettes fi	requentl	y (on 20	2.4	re days of	during th	0.6	Decreased, 2013-2018	Not available	No chang
QNDAY before th			ige of st	udents v	who curi	rently sn	noked c	igarettes	s daily (on all 30) days d	uring th	e 30 da	ys			
											1.8	4.5	1.4	0.6	No linear change	Not available	No chang
QN34: I vape pip eGo, and	es, vapi	ing pens															,
												41.8	40.2	45.8	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.

Black* Tobacco Us	se																
				H	Iealth F	Risk Bel	navior a	ind 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	-		
QN35: Per e-pipes, vap Plus, eGo,	pe pip	es, vap	ing pens	s, e-hoo	kahs, ar	nd hooka	h pens	[such as	blu, NJ								
												21.0	16.0	29.2	No linear change	Not available¶	Increased
QNFREVP during the 3					o currei	ntly used	l electro	onic vap	or produ	icts freç	quently ((on 20 o	r more	days			
												3.2	2.4	4.3	No linear change	Not available	No chang
QNDAYEV				udents v	who cur	rently us	sed elec	tronic v	apor pro	oducts d	aily (on	all 30 d	lays dui	ring	,		
												2.2	2.4	3.5	No linear change	Not available	No chang
QNTB5: P						smoked	l cigaret	ttes or u	sed elec	tronic v	apor pro	oducts ((on at le	east 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.

lack* obacco	Use																
				H	lealth R	tisk Beh	avior a	nd 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	201	3		
 NN27+ I	Percents		•				-								•		
							keless to										
dissolval	ble toba	cco pro	ducts [st	ich as C	openhag	gen, Gri	keless to zzly, Sk ore the s	oal, or (nic			
dissolval	ble toba	cco pro	ducts [st	ich as C	openhag	gen, Gri	zzly, Sk	oal, or (3.1	No linear change	Not available¶	No chang
dissolval vapor pr	ble toba	cco prodon at lea	ducts [suast 1 day	uch as C	Copenhag the 30 c	gen, Gri days bef	zzly, Sk fore the	oal, or (survey)	Camel S	Snus], no	ot coun	ting any	electro	3.1	No linear change	Not available¶	No chanş
dissolval vapor pr	ble toba oducts,	on at lea	ducts [suast 1 day	uch as C during	Copenhag the 30 c	gen, Gri days bef	zzly, Sk	oal, or (survey)	Camel S	Snus], no	ot coun	ting any	electro	3.1	No linear change	Not available¶	No chang
dissolval vapor pr QN38: 1	ble toba oducts,	on at lea	ducts [suast 1 day	uch as C during	Copenhag the 30 c	gen, Gri days bef	zzly, Sk fore the	oal, or (survey)	Camel S	Snus], no	ot coun	ting any	electro	3.1	No linear change Decreased, 2013-2018	Not available [¶] Not available	No chanş No chanş
dissolval vapor pr QN38: 1 during th	ble toba oducts, Percenta ne 30 da	occo procon at lease age of st	ducts [su ast 1 day udents v re the su	nch as C during who currey)	copenhage the 30 c	gen, Gri days bef noked c	zzly, Sk fore the s	oal, or osurvey)	Camel S	onus], no	e cigars	on at lo	4.3 east 1 da 10.2	3.1 ny 6.2			
dissolval vapor pr QN38: 1 during th	Percentane 30 da	age of st ys befor	ducts [su ast 1 day udents v re the su	nch as C during who currey)	copenhage the 30 c	gen, Gri days bef noked c	zzly, Sk fore the	oal, or osurvey)	Camel S	onus], no	e cigars	on at lo	4.3 east 1 da 10.2	3.1 ny 6.2			

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

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

				H	Iealth R	Risk Bel	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	_		
QN40:	Percenta	age of st	udents	who had	l their fi	rst drink	of alco	hol befo	ore age 1	13 years	(other	than a f	ew sips)			
											20.7	21.9	19.4	13.5	No linear change	Not available¶	No chang
		age of st		who cur	rently d	rank alc	ohol (at	least on	e drink	of alcol	nol, on a	at least	l day dı	uring			,
											33.2	27.7	24.1	25.1	No linear change	Not available	No chang
female	students	age of st or five o	or more	drinks o	of alcoho												

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

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

Black* Alcohol	and Ot	her Dru	ıg Use														
				H	Iealth F	Risk Bel	navior a	nd Per	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN45:	Percenta	age of s	tudents	who eve	r used n	narijuan	a (one c	or more	times du	ıring the	eir life)						
											46.2	42.1	43.2	37.9	No linear change	Not available¶	No chang
QN46:	Percent	age of s	tudents	who trie	d mariji	ıana for	the first	time be	efore ago	e 13 yea	ars			-			
											11.9	11.5	11.2	7.6	No linear change	Not available	No chang
QN47: survey)	Percent	age of s	tudents	who cur	rently u	sed mar	ijuana (d	one or n	nore tim	es durin	ng the 30	0 days t	efore th	ie			
, a											27.0	22.9	23.7	28.8	No linear change	Not available	No chang
QN48:	Percent	age of s	tudents	who eve	r used s	ynthetic	marijua	ana (one	or more	e times	during	their life	e)				
												10.5	6.2	7.8	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.

				Н	lealth 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	2018			
differer	tly than	how a d	loctor to	ld them	to use i	prescripti it (counti during t	ing drug	s such a									
													12.0	10.9	No linear change	Not available [¶]	No chang
	Percenta nore tim				r used c	cocaine (any fori	n of coo	caine, in	cluding	powder	, crack,	or freel	pase,			
one or i											5.2	3.8	8.0	4.2	No linear change	Not available	No ahana
one or i											0.2		0.0	1.2	140 inical change	1 vot a variable	No chang
QN52:	Percenta		udents	who eve	r used h	neroin (a	lso calle	ed "smac	ck," "jui	nk," or "					Two finear change	Tot uvuluote	No chang
QN52:			cudents	who eve	r used h	neroin (a	lso calle	ed "smad	ck," "jui	nk," or "					No linear change	Not available	No chang
QN52: times d	ring the	eir life) age of si	udents		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.

Black* Alcohol and	Oth	er Dru	g Use	H	Iealth R	Risk Beh	avior a	nd Perc	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991 199	03	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	201	8		2010 2010
QN54: Perce	entag	ge of st	udents	who eve	r used e	cstasy (a	also call	ed "MD) МА," с	one or m	ore tim	es durir 5.8	g their	life)	No linear change	Not available¶	No change
QN56: Perce body, one or						ed any il	legal dri	ug (used	d a need	le to inj	ect any	illegal o	lrug inte	o their 2.3	No linear change	Not available	No change
QN57: Perce months befor				who we	re offere	ed, sold,	or giver	an ille	gal drug	g on sch	ool pro	perty (d	aring th	e 12 13.7	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.

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

caudi 1	Behavior	.5		F	Iealth F	lisk 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	_		
QN58:	Percenta	age of st	udents	who eve	er had se	xual int	ercourse	2)			55.8	52.4	48.4	49.4	No linear change	Not available [¶]	No chang
QN59:	Percenta	age of st	udents	who had	l sexual	intercou	irse for t	the first	time be	fore ag	e 13 yea	urs					
											12.1	12.7	12.3	7.0	No linear change	Not available	No chang
QN60:	Percenta	age of st	udents	who had	l sexual	intercou	ırse with	n four o	r more p	ersons	during t	their life	;				
											20.1	15.4	19.5	9.9	Decreased, 2013-2018	Not available	Decrease
	Percenta he 3 mor					ntly sexu	ually act	ive (had	d sexual	interco	ourse wi	th at lea	st one po	erson,			
											38.0	35.6	32.4	29.3	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.

Maryland High School Survey Cecil 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)

20.4 17.0 18.5

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.

				H	lealth 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	_		
	T: Perce											tile for t	ody ma	ıss			
											16.4	18.5	14.5	20.4	No linear change	Not available	No chang
	ESE: Per								le for be	ody mas	ss index	, based	on sex-	and			
											23.6	18.2	19.0	12.9	Decreased, 2013-2018	Not available	No chang
		age of st	udents v	who des	cribed t	hemselv	es as sli	ghtly or	very ov	verweigl	ht		-				
QN67:	Percenta	ige of st				ileilisei v	00 40 511	8.11.7									
QN67:	Percenta	150 01 31		10 405		nemser v	.	girij or	,		29.8	32.6	23.5	24.6	No linear change	Not available	No chang
QN69:	Percenta Percenta he surve	age of st									29.8				No linear change	Not available	No chang

^{*}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.

				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	 }		
QN70: 1	Percenta	age of st	tudents	who did	not eat	fruit (or	ne or mo	ore times	during	the 7 da	ays befo	ore the s	urvey)				
											21.8	26.9	26.7	27.6	No linear change	Not available [¶]	No chang
											21.0	20.7	20.7	27.0	110 inical change	110t available	1 to chang
				s who d			or drink	100% fr	uit juice	es (such					To med change	110t available	Tvo chang
				s who d s before			or drink	100% fr	uit juice	es (such			, apple	juice,	Increased, 2013-2018	Not available	No chang
or grape	juice, d	luring th	ne 7 day	s before	the surv	vey)					as oran	ge juice	, apple 12.8	juice,			
or grape ONFR1:	juice, d	luring th	ne 7 day		the surv	vey) or drank	100% f	ruit juic	es one o		as oran	ge juice	, apple 12.8	juice,			

^{*}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	_		
		ntage of								or more	times p	er day (such as				
											26.6	21.9	24.5	26.4	No linear change	Not available¶	No change
ON71:	Percent	age of st	tudents	who did	not eat	green sa	alad (one	e or moi	re times	during	the 7 da	nvs befo	re the si	urvev)			
QN71:	Percent	age of si	tudents	who did	not eat	green sa	alad (one	e or mor	re times	during	the 7 da	ays before	re the si		No linear change	Not available	No change
		age of si	,								52.7	60.7	54.6	58.1	No linear change	Not available	No change
			,								52.7	60.7	54.6	58.1	No linear change Decreased, 2013-2018	Not available Not available	No change
QN72:	Percent		tudents	who did	not eat	potatoes	s (one or	r more t	imes du	ring the	52.7 27 days 50.0	60.7 before 53.3	54.6 the surv 37.6	58.1 ey) 43.5			

^{*}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 Pero	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN74: survey)	Percenta	age of st	udents v	who did	not eat	other ve	getables	s (one o	r more t	imes du	ring the	e 7 days	before	the			
<i>541</i> (<i>6</i> 5)											23.8	28.0	24.6	25.7	No linear change	Not available¶	No change
	60: Perc											ng Frenc	ch fries,	fried			
											13.2	14.7	11.0	14.5	No linear change	Not available	No change
	31: Perc																

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

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

				H	lealth R	disk Bel	navior a	nd Pero	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QNVEC French f																	
											21.0	12.9	22.4	20.5	No linear change	Not available¶	No chang
												d, potato e 7 days 5.5		the 11.8	No linear change	Not available	No chang
(excludi survey) QN75:	ng Fren	ch fries,	fried po	who did	or potat	o chips]	, carrots	or glass	er veget	ables, d	uring tl	e 7 days	before 9.7	11.8	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.

		Н	ealth R	isk Beh	avior aı	nd Perc	entages						Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991 1993 19	95 1997	1999	2001	2003	2005	2007	2009	2011 2	2013	2014	2016	2018			
NSODA1: Percer such as Coke, Peps												ay			
such as Coke, 1 cps	i, or sprite,	not coun	iting the	t soua o	n diet pe	op, dum	ig the 7	·		•	20.5	14.3	No linear change	Not available¶	No chan
								10	0.0					1 tot a vanable	IN 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* Physical	hysical Activity Health Risk Behavior and Percentages Linear Change [†] Quadratic Change [†] Change from																
				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	-		
QN78: I kind of p days bef	physical	activity															
											43.2	32.5	34.0	35.0	No linear change	Not available¶	No change
QNPA01 1 day (ir during th	n any kii	nd of ph	ysical a	ctivity t													
											19.4	34.1	22.0	26.8	No linear change	Not available	No change
QNPA71 kind of p	physical	activity															
											21.2	19.5	22.8	18.3	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.

Black* Physical Activity		Н	ealth R	isk 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	5 2018	3		2010-2016
QN79: Percentage of stu	ıdents v	vho wat	ched tel	evision	3 or mo	re hours	s per da	y (on ar	averag	e schoo	l day)				
									41.9	38.8	25.6	24.6	Decreased, 2013-2018	Not available [¶]	No chang
QN80: Percentage of stu (counting time spent on t Instagram, Facebook, or	things su	uch as X	Kbox, Pl	ayStatio	on, an iP	ad or o	ther tab	let, a sn	nartphoi	ne, texti	ng, Ŷoı	ıTube,	No linear change	Not available	No chang
					1	- (DE) -	1	. 1		ve (in a	averag	e	:		
QN81: Percentage of stu week when they were in			nded ph	ysical e	ducatioi	1 (PE) C	iasses o	nıorn	nore da	ys (III ai	raverag	5-			

^{*}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 Cecil 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) 27.8 34.7 10.4 Decreased, 2013-2018 Not available ¶ No change 4.5

18.5 15.7

No linear change

Not available

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

times during the 12 months before the survey)

No change

^{*}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* Other				H	lealth R	lisk 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:	Percenta					st (for a	check-ı	ıp, exan	n, teeth	cleaning	g, or oth	er dent	al work	,			
iui ing u			orore the	, survey	,							67.7	58.0	64.0	No linear change	Not available [¶]	No chang
QNNOL			·			r saw a o	dentist (for a ch	eck-up,	exam, t	eeth cle				No linear change	Not available [¶]	No chang
			·			r saw a o	dentist (for a cho	eck-up,	exam, t	eeth cle				No linear change	Not available [¶] Not available	No chang
QNNOI work)	DNT: Pe	ercentag	·	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.

Maryland High School Survey Cecil County Trend Analysis Report

Rlack*

				F	Health F	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	_ }		
QN90:	Percenta	age of s	tudents	who are	transge	nder						,	5.5	0.6	Decreased, 2016-2018	Not available [¶]	Decreased
QN94:	Percenta	age of s	tudents	who sm	oked a v	whole ci	garette b	efore a	ge 13 ye	ears (for	the firs	t time) 10.7	11.3	2.9	Decreased, 2013-2018	Not available	Decreased
QN98: day duri						oacco in	a hooka	h, nargl	nile, or o	other typ	e of wa	nterpipe	(on at le	east 1 6.9	No linear change	Not available	No change
QN101: oil, or T			students	s who ha	ave ever	used an	electron	nic vapo	or produ	ct to sm	oke ma	rijuana,	THC or	hash 19.1	Increased, 2016-2018	Not available	Increased

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

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

Maryland High School Survey Cecil County Trend Analysis Report

Black* Site-Added **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 QN102: Percentage of students who think they definitely or probably will smoke a cigarette, cigar, cigarillo, or little cigar in the next year No linear change Not available ¶ No change 17.2 16.0 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) 19.8 14.1 6.8 Not available No change Decreased, 2013-2018 QN104: Percentage of students who tried or used tobacco products for the first time (during the 12 months before the survey) 11.2 3.3 6.5 No linear change Not available No change QN106: Percentage of students who live with someone who now smokes cigarettes or cigars 40.9 43.9 34.1 39.7 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 Cecil 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 QN107: Percentage of students who report the rule about smoking inside their home is that smoking is not allowed anywhere inside their home (not counting decks, garages, or porches) 78.4 72.9 No linear change Not available ¶ No change QN108: Percentage of students who were in the same room with someone who was smoking (on at least one day during the 7 days before the survey) 25.6 28.1 No linear change Not available No change QN110: Percentage of students who were taught in their classes about the dangers of tobacco use (during the last school year) 70.4 63.8 61.2 64.3 No linear change Not available No change QN117: Percentage of students who say definitely yes or probably yes that young people who smoke have more friends 51.3 54.1 50.5 46.7 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 Cecil 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 QN118: Percentage of students who say definitely yes or probably yes that smoking makes young people look cool or fit in No linear change Not available ¶ No change 30.5 33.6 24.5 23.7

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

 $82.2 \quad 72.8 \quad 75.4 \quad 71.0 \qquad \text{No linear change} \qquad \qquad \text{Not available} \qquad \qquad \text{No change}$

*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 Cecil 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) 24.4 18.6 Decreased, 2013-2018 32.9 34.3 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) 13.1 14.6 13.5 6.8 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) 12.4 5.9 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.

Iispanic njury an		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	-		
QN16: knife, or										on scho	ol prop	erty (su	ch as a g	gun,			
											19.9	20.2	14.6	13.2	No linear change	Not available [§]	No change
QN18:				who wei	re in a p	hysical	fight on	school	property	(one o	r more	times di	iring the	e 12			,
											22.5	28.2	23.3	13.6	No linear change	Not available	Decreased
QN22: someone with an ewent out	e they w object o	vere dati or weapo	ng or go on] one o	oing out or more	with [co	ounting a	such thi e 12 mo	ngs as b nths bef	eing hit	, slamm	ned into	someth	ing, or i	njured			
											19.2	23.3	17.1	17.9	No linear change	Not available	No change

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

[§]Not enough years of data to calculate.

Hispanic Injury and Violence		Health R	isk Beh	avior ar	nd Perce	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 †
1991 1993 1995 1	1997 1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN23: Percentage of stud	lents who w	ere bullie	ed on sch	nool pro	perty (e	ver duri	ng the 1	2 mont	hs befo	re the si	urvey)			
								24.4	29.9	23.9	22.1	No linear change	Not available§	No change
QN24: Percentage of stud Facebook, or other social								d throug	gh textii	ng, Insta	ıgram,			
								19.1	23.4	22.9	22.3	No linear change	Not available	No change
QN25: Percentage of stud stopped doing some usual								eks in a	row so	that the	ey			-
								33.7	39.2	38.4	38.9	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 Cecil 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) Not available§ 27.0 26.4 26.2 21.3 No linear change No change QN27: Percentage of students who made a plan about how they would attempt suicide (during the 12 months before the survey) 17.2 23.3 22.6 20.5 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 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)	Percenta	age of st	tudents	who cur	rently s	moked c	igarette	s (on at	least 1 d	lay duri	ing the 3	30 days	before t	he			
•											26.4	26.4	11.8	8.1	Decreased, 2013-2018	Not available§	No change
QNFRC		_	of stud	ents wh	o currer	ntly smo	ked ciga	rettes fi	requentl	y (on 20	or mo	re days	during t	he 30			
days bef	ore the	survey)									13.1	12.6	5.6	2.6	Decreased, 2013-2018	Not available	No change
QNDAY before th			ge of st	udents v	who curi	rently sn	noked ci	igarettes	s daily (on all 30	0 days c	luring th	ne 30 da	ys			
											13.1	12.0	4.7	2.6	Decreased, 2013-2018	Not available	No change
QN34: vape pip eGo, and	es, vapi	ng pens													-		-
ŕ	1/											59.2	58.9	59.1	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 Cecil County Trend Analysis Report

Hienanie

				Ho	ealth Ri	sk Beha	vior 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			
-pipes,	vape pij	pes, vap	ing pens	s, e-hool	kahs, an		h pens [such as	blu, NJ		ing e-cig ise, Marl						
												38.0	29.5	40.0	No linear change	Not available§	Increased
			e of stud		o curren	ntly used	electro	nic vap	or produ	icts freq	quently (on 20 c	r more	days			
					o curren	ntly used	electro	nic vapo	or produ	icts freq	uently (on 20 o	7.3	days	No linear change	Not available	No chang
NDAY	ne 30 da	ys before	re the su	rvey)						_	quently (on a	9.8	7.3	11.4	No linear change	Not available	No chang
NDAY	ne 30 da	ys before	re the su	rvey)						_		9.8	7.3	11.4	No linear change	Not available Not available	No chang
NDAY NDAY NO 30 do	YEVP: 1 ays before	Percenta ore the s	nge of st urvey)	udents v	who curi	rently us	ed elect	ronic va	apor pro	ducts da		9.8 all 30 c	7.3 lays dur	11.4 ring 8.0			

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

[§]Not enough years of data to calculate.

Hispanic Tobacco																	
				Н	ealth Ri	isk 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	201	8		
QN37: dissolva vapor pr	ble toba	cco pro	ducts [si	uch as C	Copenha	gen, Gri	zzly, Sk	oal, or	Camel S					nic			
													12.2	9.4	No linear change	Not available§	No change
QN38: during the					rently si	noked c	igars (ci	gars, ci	garillos,	, or little	e cigars,	on at le	ast 1 da	ay			
											19.5	25.3	10.0	12.3	Decreased, 2013-2018	Not available	No change
QNTB2 before the			student	s who c	urrently	smoked	cigaret	tes or ci	gars (or	at leas	t 1 day o	during t	he 30 da	ays	,		
											30.0	34.4	15.5	14.5	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.

Hispanic Alcohol a		er Druș	g Use	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	-		
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 f	ew sips)			
											27.8	26.4	29.4	25.5	No linear change	Not available§	No change
QN41: 1 the 30 da				who cur	rently d	rank alc	ohol (at	least or	ne drink	of alcol	hol, on	at least	1 day d	uring			,
											37.8	39.8	33.9	29.1	No linear change	Not available	No change
QN42: I female s day duri	tudents	or five	or more	drinks o	of alcoho												
													20.4	18.3	No linear change	Not available	No change

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

[§]Not enough years of data to calculate.

Hispanic Alcohol a		er Dru	g Use														
				Н	ealth R	isk Beh	avior aı	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN45:	Percent	age of s	tudents	who eve	er used r	narijuan	ia (one c	or more	times du	iring the	eir life)						
											44.4	46.2	43.2	38.2	No linear change	Not available [§]	No change
QN46:	Percent	age of s	tudents	who trie	d mariji	uana for	the first	t time be	efore ag	e 13 yea	ars		•	-			
											16.4	18.3	17.8	12.5	No linear change	Not available	No change
QN47: survey)	Percent	age of s	tudents	who cur	rently u	sed mar	ijuana (one or n	nore tim	es durir	ng the 3	0 days b	efore th	ie			
											28.4	33.7	24.0	24.5	No linear change	Not available	No change
QN48:	Percent	age of s	tudents	who eve	er used s	ynthetic	mariju	ana (one	e or mor	e times	during	their life	e)				
												26.8	11.7	10.5	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.

Hispanic 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	<u> </u>		
QN49: different Hydroco	tly than	how a	doctor to	old them	to use	it (count	ing drug	gs such a									
													18.3	20.0	No linear change	Not available [§]	No change
QN50:		_			er used o	cocaine (any for	m of coo	caine, in	cluding	g powde	r, crack	, or free	base,			
											17.5	17.5	12.7	8.9	Decreased, 2013-2018	Not available	No change
QN52: times du			tudents	who eve	er used l	neroin (a	lso calle	ed "sma	ck," "jui	nk," or '	"China	White,"	one or	more			,
											16.2	16.4	9.4	5.9	Decreased, 2013-2018	Not available	No change
QN53: "ice," or							hetamii	nes (also	called	"speed,	" "cryst	al meth,	," "cranl	ζ,"			
											15.9	13.8	10.2	6.6	Decreased, 2013-2018	Not available	No change

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

[§]Not enough years of data to calculate.

Hispanic 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		
QN54:	Percent	age of s	tudents	who eve	er used e	cstasy (also call	ed "MD	MA," c	one or m	nore tim	es durir	ng their	life)			
											21.8	21.0	12.3	9.5	Decreased, 2013-2018	Not available§	No change
QN56: body, or						ed any il	legal dr	ug (useo	d a need	le to inj	ect any	illegal	drug int	o their			
554), 51			o during								12.2	11.2	8.7	8.6	No linear change	Not available	No change
QN57: 1	Percent	age of s	tudents	who we	re offere	ed, sold,	or give	n an ille	gal drug	g on sch	ool pro	perty (d	uring th	e 12	,		
months	before t	he surve	ey)								37.3	37.6	21.7	25.9	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.

Maryland High School Survey Cecil 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 57.7 49.6 46.5 Decreased, 2013-2018 Not available§ No change QN59: Percentage of students who had sexual intercourse for the first time before age 13 years 15.9 10.6 7.3 11.0 No linear change Not available No change

25.4 21.2

16.3 12.4 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,

Hispanic

No change

Not available

during the 3 months before the survey) 43.9 37.1 34.7 38.8 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 Cecil County Trend Analysis Report

Hispanic 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

DN84: Percentage of students who were ever tested for human immunodeficiency virus (HIV) (not counting tests)

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

22.4 19.2 12.9 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.

				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			
						erweigh data fro						tile for l	oody ma	uss			
											18.7	22.4	22.1	20.5	No linear change	Not available¶	No change
						besity (>			le for b	ody mas	ss index	, based	on sex-	and			, !
											14.0	16.2	19.2	18.8	No linear change	Not available	No change
QN67:	Percenta	age of st	udents v	who des	cribed t	hemselv	es as sli	ghtly or	very ov	verweig	ht			:	,		
											27.2	36.4	33.4	34.9	No linear change	Not available	No change
	Percenta he surve		udents v	who did	not drir	nk fruit j	uice (10	00% frui	t juices	one or 1	more tin	nes duri	ng the 7	days			
berore u																	

^{*}Based on trend 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.

weight N	Ianage i	ment an	d Dieta	•		sk Beha	avior an	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			
QN70:	Percent	age of st	udents	who did	not eat	fruit (on	e or mo	re times	during	the 7 da	ays befo	ore the s	urvey)				
											15.6	13.7	22.0	16.0	No linear change	Not available [§]	No change
QNFR0 or grape		ntage of luring th					r drink	100% fr	uit juice	es (such	as oran	ge juice	, apple j	uice,			
• •	•		·			•					9.2	10.6	15.6	8.5	No linear change	Not available	Decreased
QNFR1 orange j		ntage of								or more	times pe	er day (s	such as	· · · · · · · · · · · · · · · · · · ·			

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

[§]Not enough years of data to calculate.

Hispanic Weight M	Ianage	ment ar	ıd Dieta	-			·	ı.p.							*	0 1 d Cl *	CI 6
				н	eaith K	isk Ben	avior ar	1a Perc	entages						Linear Change [*]	Quadratic Change*	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QNFR2: orange j										or more	times p	er day (such as				
											31.9	30.5	23.9	28.8	No linear change	Not available§	No change
QN71: 1	Percent	age of s	tudents	who did	not eat	green sa	alad (on	e or mo	re times	during	the 7 da	ays befo	re the s	urvey)			
											39.1	45.3	49.7	45.7	No linear change	Not available	No change
QN72:]	Percent	age of s	tudents	who did	not eat	potatoe	s (one or	r more t	imes du	ring the	7 days	before	he surv	ey)			
											35.3	39.1	38.8	38.5	No linear change	Not available	No change
QN73: 1	Percent	age of s	tudents	who did	not eat	carrots	(one or	more tir	nes duri	ng the 7	days b	efore th	e surve	y)	,		:
											49.5	49.1	51.3	49.1	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.

Weight M	Ianager	nent an	d Dieta	•	oviors ealth Ri	sk Beha	avior an	nd Perco	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN74: I survey)	Percenta	age of st	tudents v	who did	not eat	other ve	getables	s (one or	r more t	imes du	ring the	e 7 days	before t	he			
											19.6	27.4	29.8	27.7	No linear change	Not available§	No change
	Ω· Perc	centage	of stude	nts who	did not	eat veg	etables (graan s	.1.1								
QNVEG potatoes											rvey)						
												ng Frenc	h fries,	fried	No linear change	Not available	No change
	or pota	entage	s], carro	ts, or other	her vege	etables,	during the	he 7 day	es per d	ay (gree	9.9 en salad	12.7	15.0	10.3	No linear change	Not available	No change

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

[§]Not enough years of data to calculate.

				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			
	G2: Perofries, frie																
											26.5	25.3	21.0	24.7	No linear change	Not available§	No change
												1					
	33: Percing Fren												before	the 10.9	No linear change	Not available	No change
[exclude survey) QN75:		ch fries,	fried po	who did	or potate	o chips]	bottle,	or glass	of soda	ables, d	uring th	15.4	before 13.2	10.9	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.

		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	5 2018	-		
		:			:	-	:		:	-	-	-	-	-	:		
QNSOD.														lay			
														20.3	No linear change	Not available [§]	No change
QNSOD.											efore th	ne surve	ey)		No linear change	Not available [§]	No change
	Coke, P	Pepsi, or	Sprite,	ents wh	nting di	et soda o	or diet p	oop, duri	of soda of	7 days b	26.0 wo or n	22.9	20.6 es per c	20.3	No linear change	Not available [§]	No change

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

Hispanic Physical		,															
				Н	ealth Ri	isk Beh	avior ar	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN78: kind of j	physical	activity	that in														
											37.0	31.9	33.4	37.7	No linear change	Not available [§]	No change
QNPA0 1 day (in during th	n any kii	nd of ph	ysical a	ctivity t											,		
											18.4	23.2	23.7	19.5	No linear change	Not available	No change
QNPA7 kind of j days bef	physical	activity	that in														
											18.9	20.1	21.9	22.6	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.

Hispanic Physical Activity		Н	ealth Ri	sk Beha	avior an	ıd Perc	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018
1991 1993 19	95 1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QN79: Percentage	of students	who wat	tched tel	evision	3 or mo	re hour	s per da	y (on aı	n averag	ge schoo	l day)				
									34.7	31.4	27.5	24.6	No linear change	Not available§	No change
QN80: Percentage (counting time spen Instagram, Faceboo	t on things	such as 2	Xbox, P	layStatio	on, an iF	Pad or o	ther tab	let, a sn	nartpho	ne, texti	ng, Ŷοι	ıTube,			
									40.6	40.4	40.9	44.9	No linear change	Not available	No change
QN81: Percentage week when they we			ended ph	ysical e	ducation	n (PE) c	lasses o	on 1 or i	nore da	ys (in a	ı averaş	ge			
									41.3	36.8	43.8	43.9	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 Cecil 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§ 27.3 24.1 2.3 6.3 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) 24.7 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.

Maryland High School Survey Cecil County Trend Analysis Report

				Н	ealth Ri	isk Beha	avior an	nd Perco	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
								2007	2007	2011	2013						
QN86: P						st (for a				-							
QN86: Polynois						st (for a				-	g, or othe	er dent	ıl work,		No linear change	Not available [§]	No shangs
						st (for a				-	g, or othe				No linear change	Not available [§]	No change
	e 12 mo	onths be	efore the	survey)		ı check-ı	ıp, exan	n, teeth	cleaning	g, or othe	er dent	ol work, 67.5	74.2	No linear change	Not available [§]	No change

30.1 34.9 31.6 26.7

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.

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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 QN90: Percentage of students who are transgender 6.7 5.3 No linear change Not available§ No change QN94: Percentage of students who smoked a whole cigarette before age 13 years (for the first time) 21.4 20.9 14.6 7.7 Decreased, 2013-2018 Not available No change

11.3 11.9

No linear change

oil, or THC wax 13.4 22.5 Increased, 2016-2018 Not available

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

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

Hispanic

day during the 30 days before the survey)

No change

Increased

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.

lispanic ite-Adde				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		
QN102:				who th	ink they	definite	ely or pr	obably	will smo	oke a ciş	garette,	cigar, c	igarillo	, or			
little cig	ar in the	е пехі ує	аг										27.4	20.1	No linear change	Not available [§]	No change
QN103: flavored survey)																	
•											23.6	29.2	10.7	9.2	Decreased, 2013-2018	Not available	No change
QN104: the surve		tage of	students	who tri	ed or us	sed toba	cco prod	ducts for	the firs	t time (during t	he 12 n	nonths b	efore			
												24.5	9.8	11.3	Decreased, 2014-2018	Not available	No change
QN106:	Percen	tage of	students	who liv	ve with s	someone	e who no	ow smo	kes ciga	rettes or	r cigars						
											50.6	53.1	34.7	37.1	Decreased, 2013-2018	Not available	No change

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

[§]Not enough years of data to calculate.

Iispanic ite-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	_		
QN107: allowed											is that s	moking	is not				
													76.6	76.6	No linear change	Not available§	No change
QN108: during th					ere in th	e same	room w	ith some	eone wh	o was s	moking	(on at 1	east on	e day			
C	J			3,									31.9	38.3	No linear change	Not available	No change
QN110: school y		ntage of	students	s who w	ere taug	ht in the	eir classe	es about	the dan	gers of	tobacco	use (di	iring th	e last			
·											70.7	66.2	63.7	64.5	No linear change	Not available	No change
QN117: friends	Percen	ntage of	students	s who sa	y defini	tely yes	or prob	ably yes	s that yo	oung peo	ple wh	o smok	e have r	nore			
											45.3	46.0	39.9	46.3	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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Hispanic Site-Added

Health Risk Behavior and Percentages

Health Risk Behavior and Percentages

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

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

parents if they had an important question affecting their life

72.8 71.5 78.6 73.0 No linear change Not available No change

30.5 32.1 25.0 27.4

No linear change

Not available§

No change

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