Maryland High School Survey

				He	ealth Ri	isk Beha	avior a	nd Pero	centages	5					Linear Change*	Quadratic Change [*]	Change fron 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QN9: Pe						•	ho had 25.0	been dr 28.9	inking a 26.7	llcohol (25.9	(in a car 20.7	or other 18.2	vehicle 14.2	e, one 15.2	Decreased, 2005-2018	No change, 2005-2009 Decreased, 2009-2018	Increased
Or more to QN10: H	times du Percenta ring the	uring the	e 30 day	s before	e the sur	rvey)	25.0	28.9 le when	26.7 they had	25.9 d been d	20.7 Irinking	18.2 alcohol	14.2 (one or	15.2 more	Decreased, 2005-2018	e ,	Increase

Maryland High School Survey

Trend Analysis Report

				He	ealth Ri	isk Beha	avior a	nd Perc	entages	5					Linear Change [*]	Quadratic Change [*]	Change fron 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
		age of st ore the s															
											33.1	26.1	28.1	26.2	Decreased, 2013-2018	Not available [§]	Decreased
		age of st 80 days l				eapon o	n schoo	l propei	ty (such	n as a gu	ın, knife	, or club	o, on at 1	east 1			
						eapon o	n schoo 6.9	l proper 5.9	ty (such 4.6	n as a gu 5.3	ın, knife 4.8	, or club 4.3	o, on at 1 7.4	least 1 5.7	Decreased, 2005-2018	Decreased, 2005-2013 Increased, 2013-2018	Decreased
lay dur QN14:	Percenta		udents v	who carr	y) ried a gu	ın (not c	6.9 counting	5.9	4.6 ys when	5.3 they ca	4.8 rried a g	4.3 gun only	7.4	5.7	Decreased, 2005-2018	,	Decreased

Maryland High School Survey

Trend Analysis Report

				He	ealth Ri	isk Beh	avior a	nd Pero	centages	5					Linear Change [*]	Quadratic Change [*]	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
	Percenta r club, or									on scho	ol prope	erty (suc	h as a g	un,			
							11.7	9.6	9.1	8.4	9.4	7.2	7.8	7.8	Decreased, 2005-2018	Decreased, 2005-2014 No change, 2014-2018	No change
	Percenta before tl			who wer	e in a p	hysical	fight on	school	propert	y (one o	or more t	imes du	ring the	12			
			•				14.9	12.4	11.2	11.0	14.3	12.2	12.2	12.0	Decreased, 2005-2018	No change, 2005-2013 Decreased, 2013-2018	No change
QN22:	e they w	ere dati	ng or go	ing out	with [co	ounting	such thi	ings as l onths be	being hit	t, slamn	ically hu ned into among	somethi	ng, or ir	njured			
someon with an	t with so					efore the	e survey	y)									

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

[§]Not enough years of data to calculate.

Maryland High School Survey

Total Injury ar	nd Viole	ence		H	ealth Ri	isk Beh	avior ai	nd Perc	entages	5					Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN23:	Percent	age of s	tudents	who we	re bullie	d on scł	nool pro	perty (e	ver duri	ing the	12 mont	hs befo	re the su	irvey)			
									20.9	21.2	19.6	17.7	18.2	16.7	Decreased, 2009-2018	No quadratic change	Decreased
QN24: Faceboo											d throug	gh textir	ıg, Insta	gram,			
										14.2	14.0	13.8	14.1	13.5	No linear change	Not available [§]	No change
QN25: stopped											eks in a	row so	that the	у			
							29.7	23.2	25.1	25.4	27.0	26.8	29.9	32.0	Increased, 2005-2018	Decreased, 2005-2009 Increased, 2009-2018	Increased

Maryland High School Survey

Total Injury an	d Viole	ence		н	ealth R	isk Beha	avior a	nd Perc	entages	5					Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN26: 1 survey)	Percent	age of s	tudents	who ser	iously c	onsidere	d attem	pting su	uicide (e	ever dur	ing the	12 mon	ths befor	re the			
							17.4	13.2	14.5	16.2	16.0	15.9	17.3	18.0	No linear change	No change, 2005-2009 Increased, 2009-2018	No change
QN27: 1 before th			tudents	who ma	ide a pla	n about 1	how the	ey woul	d attemp	ot suicic	le (durir	ng the 1	2 month	IS			
							12.2	10.2	11.6	12.6	12.5	12.7	14.4	16.2	Increased, 2005-2018	No change, 2005-2014 Increased, 2014-2018	Increased

Maryland High School Survey

Fotal Fobacco	Use																
				He	ealth Ri	sk Beha	avior a	nd Pero	centages	5					Linear Change [*]	Quadratic Change [*]	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QN32: survey)	Percenta	age of st	udents v	vho curi	rently sr	noked c	igarette	es (on at	least 1	day dur	ing the 3	30 days 1	before t	ne			
							16.5	16.8	11.9	12.5	11.9	8.7	8.2	5.0	Decreased, 2005-2018	Decreased, 2005-2013 Decreased, 2013-2018	Decreased
	CIG: Per fore the		of stude	ents who	o curren	tly smol	ced cig	arettes f	requent	ly (on 2	0 or mor	re days o	luring tl	ne 30			
							7.4	7.4	4.4	4.4	3.6	2.4	1.8	1.1	Decreased, 2005-2018	No quadratic change	Decreased
	VCIG: I	Percenta	ge of stu	idents w	who curr	ently sn	noked c	igarette	s daily (on all 3	0 days d	luring th	e 30 da	ys			
QNDAY before t			0														
-			-			2	5.4	5.2	3.5	3.2	2.5	1.8	1.3	0.8	Decreased, 2005-2018	No quadratic change	Decreased
QN34: vape pip	he surve	y) age of st ng pens			r used a	n electro	onic va	por proc	luct (inc	luding	2.5 e-cigaret kTen, L	ttes, e-ci	gars, e-	pipes,	Decreased, 2005-2018	No quadratic change	Decreased

Maryland High School Survey

obacco	Use			H	ealth R	isk Beha	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	3		
e-pipes,	vape pij	pes, vap	ing pens	s, e-hoo	kahs, an	sed an e nd hooka he 30 da	h pens [such as	blu, NJ								
												20.0	13.3	23.0	Increased, 2014-2018	Not available [§]	Increased
	VP: Per he 30 da				o currei	ntly used	l electro	nic vap	or produ	ucts free	quently ((on 20 c	or more	days			
												2.3	2.0	5.5	Increased, 2014-2018	Not available	Increased
	YEVP: 1 ays befo			udents v	who cur	rently us	sed elect	ronic v	apor pro	oducts d	laily (on	all 30 d	lays du	ring			
												1.7	1.5	3.7	Increased, 2014-2018	Not available	Increased
	: Perceing the 3					smoked	l cigaret	tes or us	sed elec	tronic v	apor pro	oducts	(on at l	east 1	<u>.</u>		
												23.4	17.6	24.7	Increased, 2014-2018	Not available	Increased

Maryland High School Survey

Trend Analysis Report

'otal 'obacco	Use			H	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	8		
QN36: (such as survey,	a conve	enience	store, su	permarl	ket, disc	ount sto	re, gas s	station,	or vape	store, d	uring th	e 30 day					
													13.3	9.7	Decreased, 2016-2018	Not available [§]	Decreased
dissolva	ble toba	age of st acco pro on at le	ducts [s	uch as C	Copenha	gen, Gri	zzly, Sł	coal, or	Camel S					nic			
													6.2	4.6	Decreased, 2016-2018	Not available	Decreased
QN38: during t					rently si	moked c	igars (c	igars, ci	garillos	, or littl	e cigars	, on at le	ast 1 d	ay			
							11.6	11.0	12.7	12.9	12.5	10.3	9.0	6.0	Decreased, 2005-2018	No change, 2005-2013 Decreased, 2013-2018	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

Total Tobacco V	Use			п	oolth D	isk Beh	aviona	nd Dore	ontogoo						Linear Change [*]	Quadratic Change [*]	Change from
						isk dena			entages							Quaurauc Change	2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QNTB2: before th		•	student	s who c	urrently	smoked	l cigare	ttes or c	igars (o	n at leas	st 1 day	during t	he 30 da	iys			
							20.9	22.0	19.6	19.0	18.2	14.4	12.9	8.7	Decreased, 2005-2018	Decreased, 2005-2013 Decreased, 2013-2018	Decreased

Maryland High School Survey

Trend Analysis Report

				H	ealth Ri	isk Beh	avior a	nd Pero	centages	5					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	c of alco	bhol bef	ore age	13 year	s (other	than a fe	ew sips)				
							24.8	23.5	24.5	23.2	19.3	17.3	15.7	15.1	Decreased, 2005-2018	No change, 2005-2009 Decreased, 2009-2018	No change
	Percenta ays befo			who cur	rently d	rank alc	ohol (at	least o	ne drink	of alco	hol, on a	at least 1	day du	ring			
							39.8	42.9	37.0	34.8	31.2	26.1	25.5	24.1	Decreased, 2005-2018	No quadratic change	Decreased
female s		or five	or more	drinks o	of alcoh							f alcohol of hours,					
													13.0	12.0	Decreased, 2016-2018	Not available [§]	Decrease

Maryland High School Survey

Trend Analysis Report

				H	ealth Ri	isk Beh	avior a	nd Perc	entages	5					Linear Change [*]	Quadratic Change [*]	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
2N45:	Percent	age of s	tudents	who eve	r used n	narijuar	a (one o	or more	times d	uring the	eir life)						
							38.2	36.5	35.9	37.0	35.9	32.5	31.4	31.0	Decreased, 2005-2018	No quadratic change	No change
QN46:	Percent	age of s	tudents	who trie	d marijı	uana for	the firs	t time b	efore ag	ge 13 yea	ars						
N46:	Percent	age of s	tudents	who trie	d marijı	uana for	the firs 8.9	t time b 8.6	efore ag 8.1	ge 13 yea 8.5	ars 8.8	8.0	7.3	6.4	Decreased, 2005-2018	No quadratic change	Decreased
QN47:	Percent						8.9	8.6	8.1	8.5	8.8				Decreased, 2005-2018	No quadratic change	Decreased
QN47:							8.9	8.6	8.1	8.5	8.8				Decreased, 2005-2018 No linear change	No quadratic change No change, 2005-2009 Decreased, 2009-2018	Decreased No change
QN47: urvey)	Percent	age of s	tudents	who cur	rently u	sed mar	8.9 ijuana (18.5	8.6 one or r 19.4	8.1 nore tim 21.9	8.5 nes durin 23.2	8.8 ng the 3 19.8) days b 18.8	efore th 18.4	e	, 	No change, 2005-2009	
QN47: urvey)		age of s	tudents	who cur	rently u	sed mar	8.9 ijuana (18.5	8.6 one or r 19.4	8.1 nore tim 21.9	8.5 nes durin 23.2	8.8 ng the 3 19.8) days b 18.8	efore th 18.4	e	, 	No change, 2005-2009	

 *Based on trend analyses using a logistic regression model controlling 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

Trend Analysis Report

				He	ealth Ri	isk Beha	avior a	nd Pero	centages	5					Linear Change [*]	Quadratic Change [*]	Change fron 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
differer	tly than	how a d	tudents v loctor to ocet, on	ld them	to use i	t (counti	ng drug	gs such						1			
													13.7	14.6	Increased, 2016-2018	Not available [§]	No change
			tudents		r used c	ocaine (any for	m of co	caine, ir	ncluding	powder	r, crack,	or freeb	base,			
one or i	nore tim	es durir	ng their l	ife)										,			
one or i	nore tim	ies durir	ig their l	ife)			6.9	5.5	6.3	5.9	6.5	5.4	5.4	4.8	Decreased, 2005-2018	No quadratic change	No change
QN52:		age of s	tudents		r used h	eroin (a					6.5	- ·	5.4	4.8	Decreased, 2005-2018	No quadratic change	No change
QN52:	Percent	age of s			r used h	eroin (a					6.5	- ·	5.4	4.8	Decreased, 2005-2018 No linear change	No quadratic change Increased, 2005-2013 Decreased, 2013-2018	No change No change
QN52: times d QN53:	Percent uring the Percent	age of s eir life) age of s		who eve	r used n	nethamp	lso call 2.6	ed "sma 2.4	ack," "ju 4.1	nk," or ' 4.2	6.5 "China V 4.9	White," 4.2	5.4 one or n 4.3	4.8 nore 3.7		Increased, 2005-2013	

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

[§]Not enough years of data to calculate.

Maryland High School Survey

Total Alcohol a	nd Oth	er Dru	g Use	H	ealth Ri	sk Beha	avior ai	nd Perc	centages	5					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		
QN54:	Percenta	age of s	tudents	who eve	r used e	cstasy (also cal	led "MI	DMA," o	one or n	nore tim	es durin	g their	life)			
							5.0	6.3	6.4	6.9	8.3	6.4	5.5	4.9	No linear change	No change, 2005-2013 Decreased, 2013-2018	No change
QN56: body, or						d any il	legal dr	ug (use	d a need	lle to in	ject any	illegal o	lrug int	to their			
							2.0	2.1	3.0	4.1	3.9	3.6	3.8	4.1	Increased, 2005-2018	No quadratic change	No change
QN57: months		•		who wei	e offere	d, sold,	or give	n an ille	egal drug	g on sch	iool proj	perty (di	uring th	ne 12			
							28.9	27.4	29.3	30.4	29.1	26.2	23.5	23.2	Decreased, 2005-2018	No change, 2005-2011 Decreased, 2011-2018	No change

Maryland High School Survey

Trend Analysis Report

'otal exual Be	ehaviors	5															
				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	_		
QN58:	Percenta	age of st	udents v	who eve	r had se	xual int	ercourse	e	:								
											39.1	32.4	31.8	31.3	Decreased, 2013-2018	Not available [§]	No change
QN59:	Percenta	age of st	udents v	who had	sexual	intercou	rse for t	the first	time be	fore age	e 13 yea	urs					
											6.6	5.0	4.3	3.9	Decreased, 2013-2018	Not available	No change
QN60:	Percenta	age of st	udents v	who had	sexual	intercou	urse with	n four oi	r more p	ersons	during t	heir life					
											12.3	8.6	7.7	7.2	Decreased, 2013-2018	Not available	No change
										interes	urso wit	th at lea	st one n	erson			
	Percenta he 3 mor		udents v ore the s		e currer	ntly sexu	ally act	ive (hac	l sexual	merco	uise wii	ui at ica	st one p	c13011,			

 *Based on trend analyses using a logistic regression model controlling 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

Total Sexual Be	ehaviors	S															
				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	5 2018	3		
QN62: 1 who wer					nk alcol	hol or us	sed drug	s before	e last sex	kual int	ercourse	e (amor	g stude	nts			
											24.0	23.7	21.2	20.6	Decreased, 2013-2018	Not available [§]	No change
QN63: 1 currently				who use	ed a con	dom dur	ing last	sexual i	ntercou	rse (am	ong stu	dents w	ho were	;			
											61.5	61.3	56.9	56.7	Decreased, 2013-2018	Not available	No change
QN64: 1 among s							oills befo	ore last	sexual i	ntercou	rse (to j	prevent	pregnar	icy,	· · · · · ·		
											18.7	17.7	20.2	22.6	Increased, 2013-2018	Not available	Increased
QNIUD or Nexpl active)																	
											1.5	2.0	3.7	3.9	Increased, 2013-2018	Not available	No change

Maryland High School Survey

Trend Analysis Report

				H	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	201	3		
control	PARG: 1 ring (suc y sexual	ch as Nu	waRing														
	5 501100										4.3	4.0	3.7	3.5	No linear change	Not available [§]	No change
01007						111.1		• • • •		1 1		<u> </u>	1				
implant control	HHPL: 1 (such as ring (suc y sexual	s Implar ch as Nu	ion or N waRing	explano	n); or a	shot (su	ich as D	epo-Pro	vera), p	atch (su	ich as O	rthoEvi	a), or b		Increased, 2013-2018	Not available	Increased
implant control : currentl	(such as ring (suc y sexual	s Implar ch as Nu ly activ	ion or N vaRing e)	explano) before	n); or a last sex	shot (su ual inter	ich as D rcourse	epo-Pro (to prev	wera), p ent preg	atch (su mancy,	among 24.5	orthoEvents students 23.7	a), or b who w 27.7	30.0	Increased, 2013-2018	Not available	Increased
implant control : currentl QNDUA pills; an Depo-Pi	(such as ring (suc	s Implan ch as Nu ly active Percenta uch as N patch (s	age of st liven as Contract of the state of	explance) before cudents r ParaG DrthoEv	n); or a last sex who use ard) or i ra), or b	shot (su ual inter d both a mplant pirth con	ich as D rcourse a condor (such as atrol ring	n during s Implan g (such a	yvera), p ent preg g last sez on or N as Nuval	atch (su mancy, sual inte	24.5 ercourse on); or a	e and bi shot (st	a), or b who w 27.7 th cont	30.0 rol	Increased, 2013-2018	Not available	Increased

Maryland High School Survey

Trend Analysis Report

				H	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			
QNBCN			0				-		prevent	pregnar	ncy duri	ng last	sexual				
QNBCN			0				-		prevent	pregnar	ncy duri 14.3	ng last 14.6	sexual 15.8	15.8	No linear change	Not available [§]	No change
ntercour	rse (amo	ong stud	lents wh	o were	currentl	y sexual	lly activ	e)			14.3	14.6	15.8		No linear change	Not available ^{\$}	No change
-	rse (amo	ong stud	lents wh	o were	currentl	y sexual	lly activ	e)			14.3	14.6	15.8		No linear change	Not available [§]	No chan

Maryland High School Survey

Trend Analysis Report

				Н	ealth Ri	isk Beha	avior a	nd Pero	centages	5					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	body ma	ISS			
							16.0	15.0	15.4	15.4	14.8	14.9	15.0	15.7	No linear change	No quadratic change	No change
QNOBI	ESE: Pe	ercentag	e of stud	lents wh	no had o	besity (>	>= 95th	percen	tile for b	ody ma	ss index	, based	on sex-	and			
						besity (> c growth			tile for b	ody ma	ss index	, based	on sex-	and			
						growth						a, based 11.5		and 12.8	No linear change	No quadratic change	No change
age-spe	cific ref	erence	data fron	n the 20	00 CDC	growth	charts) 12.6	^{ية} 12.9	12.0	12.0	11.0				No linear change	No quadratic change	No change
age-spe	cific ref	erence	data fron	n the 20	00 CDC	growth	charts) 12.6	^{ية} 12.9	12.0 or very o	12.0	11.0				No linear change No linear change	No quadratic change No quadratic change	No change No change
QN67:	Percent	age of s	data from	n the 20	00 CDC	growth	charts) 12.6 es as sl 27.4	12.9 lightly c 27.5	12.0 or very o 27.5	12.0 verweig 26.3	11.0 ght 26.7	11.5 26.2	13.1 27.1	12.8 27.4			

 * 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.

⁸Overweight 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.

Maryland High School Survey

Trend Analysis Report

				He	ealth Ri	sk Beh	avior a	nd Perc	entages	5					Linear Change [*]	Quadratic Change [*]	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN70:	Percenta	age of st	udents v	who did	not eat	fruit (or	ne or mo	ore time	s during	g the 7 d	ays befo	ore the s	urvey)				
							15.6	18.5	15.0	14.0	15.7	15.9	16.3	15.6	No linear change	No quadratic change	No change
-	: Percer juice, d	•					or drink	100% fi	ruit juic	es (such	as oran	ge juice	, apple j	uice,			
01	5	U	5			5 /	5.3	6.2	5.0	5.4	7.0	8.0	8.6	8.4	Increased, 2005-2018	No quadratic change	No change
	: Percer	•								or more	times pe	er day (s	such as				
orange j	uice, ap	pie juice	, or gru	pe juice	, uuring	the / u	uys bere	ne the s	ai (ej)								

 * Based on trend 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

Trend Analysis Report

				He	ealth Ri	sk Beha	avior a	nd Perc	entages	ł					Linear Change [*]	Quadratic Change [*]	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
					e fruit o , during					or more	times p	er day (such as				
							30.7	29.3	36.0	34.7	31.9	28.8	26.7	26.9	Decreased, 2005-2018	No change, 2005-2009 Decreased, 2009-2018	No change
QN71:	Percenta	age of st	udents	who did	not eat	green sa	lad (on	e or mo	re times	during	the 7 da	ıys befo	re the su	irvey)			
							36.4	37.7	38.2	37.9	38.1	42.0	44.8	45.7	Increased, 2005-2018	No change, 2005-2011 Increased, 2011-2018	No change
		6	udents	who did	not eat	potatoes	(one o	r more	imes du	ring the	e 7 days	before t	he surve	ey)			
QN72:	Percenta	age of st	adents			portation	(0										
QN72:	Percenta	age of st				•	34.1	35.4	34.7	36.5	35.9	38.9	38.9	41.3	Increased, 2005-2018	No quadratic change	Increased
					not eat		34.1	35.4							Increased, 2005-2018	No quadratic change	Increased

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

Maryland High School Survey

				H	ealth Ri	isk Beh	avior a	nd Perc	entages	5					Linear Change [*]	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN74: survey)	Percenta	age of st	udents	who did	not eat	other ve	egetable	es (one c	or more	times di	uring the	e 7 days	before t	he			
							14.5	16.3	17.6	18.5	17.0	18.4	20.1	18.9	Increased, 2005-2018	No quadratic change	No change
	GO: Perc s, or pota											ng Frenc	h fries,	fried			_
							5.6	5.8	5.9	7.3	7.1	8.4	9.0	9.0	Increased, 2005-2018	No quadratic change	No change
												, potatoe					

Maryland High School Survey

				Н	ealth Ri	sk Beh	avior a	nd Perc	entages	5					Linear Change [*]	Quadratic Change [*]	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
					ate veg nips], ca												
							25.6	24.4	26.6	29.4	27.7	25.8	24.0	23.9	No linear change	No change, 2005-2011 Decreased, 2011-2018	No change
					ate veg or potat									the			
							12.8	11.3	12.6	15.3	13.8	13.4	12.0	11.9	No linear change	No change, 2005-2011 Decreased, 2011-2018	No change
			udanta	vho did	not drin	ık a can	, bottle,	or glass	s of soda		(such a	s Coke,	Pepsi, c	or			
					p, durin			fore the	survey)								

Maryland High School Survey

				Н	ealth Ri	isk Beha	avior an	d Perc	entages	5					Linear Change [*]	Quadratic Change [*]	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QNSOD.			e of stud r Sprite,					op, duri						ny 12.4	Decreased, 2009-2018	Decreased, 2009-2013 Decreased, 2013-2018	Decreased
	Coke, F	Pepsi, or	r Sprite, e of stud	not cour	nting die o drank	et soda c	or diet p	op, duri	21.3	7 days b 24.9 or pop t	efore the 18.0 wo or n	16.6	y) 14.0 es per da	12.4	Decreased, 2009-2018	,	Decreased

Maryland High School Survey

Fotal Physical /	Activity	7		Н	ealth Ri	isk Beh	avior ar	nd Perc	entages						Linear Change [*]	Quadratic Change*	Change from
																	2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	8		
QN78: kind of j days bef	physical	activity															
										41.2	40.1	36.9	35.2	36.5	Decreased, 2011-2018	Not available [§]	No change
QNPA0 1 day (in during t	n any kii	nd of ph	ysical a	ctivity the													
										15.6	18.0	19.8	21.6	21.8	Increased, 2011-2018	Not available	No change
QNPA7 kind of j days bef	physical	activity															

Maryland High School Survey

hysical	Activity			He	ealth Ri	isk Beh	avior a	nd Pero	centages	5					Linear Change [*]	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QN79:	Percenta	age of st	udents	who wat	tched tel	levision	3 or m	ore hou	rs per da	y (on a	n averag	e schoo	l day)				
							40.7	41.9	39.1	34.2	31.4	26.7	22.1	19.7	Decreased, 2005-2018	Decreased, 2005-2011 Decreased, 2011-2018	Decreased
(countir	Percentang time s m, Face	pent on	things s	such as 2	Xbox, P	layStati	on, an i	Pad or o	other tab	let, a sr	nartpho	ne, texti	ng, You	Tube,			
									28.9	34.5	36.3	38.3	38.0	42.4	Increased, 2009-2018	Increased, 2009-2014 Increased, 2014-2018	Increased
QN81:	Percenta hen thev	age of st			ended ph	iysical e	ducatio	on (PE)	classes o	on 1 or i	nore da	ys (in ai	n averag	e			
week w																	

Maryland High School Survey

				He	ealth Ri	isk Beha	avior a	nd Pero	centages	5					Linear Change [*]	Quadratic Change [*]	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QNDLY	PE: Pe	rcentage	of stud	onto wh								-	-				
week wl			school)		o atteno	led phys	sical edu	ucation	(PE) cla	isses on	all 5 da	ys (in ai	n averag	je			

Maryland High School Survey

Trend Analysis Report

Total Other																	
				H	ealth Ri	isk Beha	avior ar	nd Perc	entages	5					Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	5 2018	3		
QN86: during th						st (for a	check-1	ıp, exar	n, teeth	cleanin	g, or oth	er dent	al work	-,			
												76.1	76.6	76.3	No linear change	Not available [§]	No change
QNNOI work)	ONT: P	ercentag	ge of stu	dents w	ho neve	r saw a o	dentist (for a ch	eck-up,	exam,	teeth cle	aning, c	or other	dental			
												2.0	2.1	2.3	No linear change	Not available	No change
QN87:	Percenta	age of s	tudents	who had	ever be	en told	by a doo	ctor or r	nurse the	at they l	nad asth	ma					
							22.3	23.7	26.1	28.7	26.3	26.3	26.4	25.9	Increased, 2005-2018	No change, 2005-2009 No change, 2009-2018	No change

Maryland High School Survey

Trend Analysis Report

otal ite-Adde	ed																
				He	ealth Ri	isk Beh	avior aı	nd Pero	entage	5					Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN90: 1	Percenta	age of st	udents v	who are	transge	nder							3.3	1.4	Decreased, 2016-2018	Not available [§]	Decreased
						cell pho car or o			ng (on a	t least 1	day du	ing the	30 days 28.8	29.8	No linear change	Not available	No change
N94:	Percenta	age of st	udents	who smo	oked a w	whole ci	garette l	before a	ge 13 y	ears (fo	r the firs	st time)	<u>.</u>				
							13.7	13.4	10.8	10.9	8.0	7.1	7.1	4.1	Decreased, 2005-2018	Decreased, 2005-2011 Decreased, 2011-2018	Decreased
						ne refus 30 days				s becaus	e of the	ir age (a	mong				
					C	·			•		29.6	33.3	31.4	25.7	Decreased, 2013-2018	Not available	Decreased

Maryland High School Survey

Trend Analysis Report

`otal ite-Added																
			He	ealth Ri	isk Beha	avior ar	nd Perc	entages	1					Linear Change [*]	Quadratic Change*	Change from 2016-2018 [†]
1991 1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN98: Percent day during the 3					oacco in	a hooka	ıh, narg	hile, or	other ty	pe of wa	aterpipe	(on at l	east 1			
												5.6	3.5	Decreased, 2016-2018	Not available [§]	Decreased
ON99: Percent vapor product (flavor v	vith an e	lectron	ic			
											93.3	95.2	95.6	Increased, 2014-2018	Not available	No change
QN101: Percer pil, or THC was		students	who ha	ve ever	used an	electro	nic vapo	or produ	ict to sm	ioke mai	rijuana,	THC o	r hash			
												8.3	13.4	Increased, 2016-2018	Not available	Increased
QN102: Percer ittle cigar in the	U		who thi	ink they	definite	ely or pr	obably	will sm	oke a ci	garette,	cigar, ci	garillo,	or			
												17.4	13.4	Decreased, 2016-2018	Not available	Decreased

Maryland High School Survey

Trend Analysis Report

Total Site-Added																
			H	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	8		
QN103: Perce flavored smoke survey)													rs,			
										13.3	11.6	7.4	4.5	Decreased, 2013-2018	Not available [§]	Decreased
QN104: Perce the survey)	ntage of	students	s who tri	ed or us	sed toba	cco proc	lucts for	r the firs	st time (during t	the 12 m	onths b	efore			
											11.0	7.7	6.5	Decreased, 2014-2018	Not available	Decreased
QN105: Perce survey, among											2 month	s before	e the			
										41.3	40.2	41.6	11.9	Decreased, 2013-2018	Not available	Decreased
QN106: Perce	ntage of	students	s who liv	ve with s	someone	e who no	ow smo	kes ciga	rettes o	r cigars						
										36.9	35.8	30.4	27.5	Decreased, 2013-2018	Not available	Decreased

Maryland High School Survey

Trend Analysis Report

`otal ite-Adde	ed																
				H	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		
QN107: allowed										r home i	s that sr	noking	is not				
													80.7	82.1	Increased, 2016-2018	Not available [§]	Increased
QN108: during tl					ere in th	e same i	room wi	ith some	eone wh	o was si	moking	(on at l	east one	e day			
uuring u	ne 7 day	ys beron	e the sur	vey)									25.8	24.6	No linear change	Not available	Decreased
QN110: school y		ntage of	students	who we	ere taug	ht in the	ir classe	es about	the dan	gers of	tobacco	use (dı	uring the	e last			
											69.4	61.7	60.3	58.0	Decreased, 2013-2018	Not available	Decreased
QN117: friends	Percen	ntage of	students	who sa	y defini	tely yes	or prob	ably yes	s that yo	oung peo	ople who	smoke	e have n	nore			
											39.8	37.6	38.1	40.7	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.

Maryland High School Survey

Trend Analysis Report

				H	ealth Ri	isk Beh	avior a	nd Perc	centages	5					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>		
						-											
QN118:		tage of	students	who sa	y defini	tely yes	or prot	bably ye	s that sn	noking r	makes y 24.4				Increased, 2013-2018	Not available [§]	Increased
	t in Percent	tage of	students	who we	ould fee	el comfo	rtable s				24.4	oung pe 21.2	cople loo 22.1	ok 25.5		Not available [§]	Increased

Maryland High School Survey

ale jury an	nd Viole	ence		Н	ealth Ri	isk Beh	avior a	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	_		
	ercentag times du						/ho had	been dri	inking a	lcohol (in a car	or other	vehicle	, one			
							25.3	26.7	27.1	25.2	21.0	17.6	13.9	15.3	Decreased, 2005-2018	No change, 2005-2009 Decreased, 2009-2018	Increased
imes du	Percenta tring the	30 day															
5		5,									10.7	8.6	6.7	6.5	Decreased, 2013-2018	Not available [§]	No change
	Percenta																
QN11: he 30 d survey)	ays befo	ne the s		mong st	ludents	wno nac	u ui iven	a car or	ould v	ennere a	aring u	0 30 au		e the			

Maryland High School Survey

Trend Analysis Report

				He	ealth Ri	sk Beh	avior ai	nd Perc	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
	Percentang the 3					eapon o	n schoo	l proper	ty (such	as a gu	n, knife	, or club	, on at le	east 1	-		
							9.5	7.3	6.3	7.2	6.4	5.4	9.3	7.3	Decreased, 2005-2018	Decreased, 2005-2014 Increased, 2014-2018	Decreased
ON114	Domoonto	an of st	1														
	sport suc								ys when onths be				for hun	ting			
													for hun 7.6	-	Decreased, 2016-2018	Not available [§]	Decreased
Or for a		ch as tar	get shoo udents v	oting, or	n at least	t 1 day of	luring t	he 12 m	onths be weapon	efore the	e survey)	7.6	6.4	Decreased, 2016-2018	Not available [§]	Decrease

Maryland High School Survey

Trend Analysis Report

				H	ealth Ri	isk Beh	avior a	nd Perc	centages	5					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 tl			who wei	re in a p	hysical	fight or	ı school	property	y (one o	or more	times du	ring the	12			
							19.4	14.5	14.3	13.0	17.6	15.1	14.7	15.0	Decreased, 2005-2018	No change, 2005-2013 Decreased, 2013-2018	No change
someon with an	Percenta e they w object o at with so	vere dati or weapo	ng or go n] one o	oing out	with [co times du	ounting uring the	such th e 12 mo	ings as l onths bei	being hit	t, slamn	ned into	somethi	ing, or i	njured			
someon with an	e they w object o	vere dati or weapo	ng or go n] one o	oing out	with [co times du	ounting uring the	such th e 12 mo	ings as l onths bei	being hit	t, slamn	ned into	somethi	ing, or i	njured	No linear change	Not available [§]	Increased
someon with an went ou	e they w object o	vere dati or weapo omeone	ng or go on] one o during t	bing out or more the 12 m	with [co times du nonths b	ounting uring the efore th	such th e 12 mo e surve	ings as t onths bei y)	being hit fore the	t, slamn survey,	ned into among 9.7	somethi students 8.5	ing, or ings who da	njured tted or 10.6	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.

Maryland High School Survey

Trend Analysis Report

				H	ealth Ri	isk Beha	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	_		
QN24: Faceboo											ed throug	gh textii	ng, Insta	ıgram,			
										10.4	10.7	10.2	11.1	10.8	No linear change	Not available [§]	No change
ON25:	Doroonte		tudonta	who falt	and or l	honologo	almo	at over	day for				-		The filled change		
						g the 12				->=2 we			-		No linear change	No change, 2005-2014 Increased, 2014-2018	Increased
QN25: stopped QN26: survey)	doing so	ome usu	al activ	ities, eve	er durin	g the 12	month 21.5	s before 15.5	e the sur 20.2	r>=2 we vey) 19.2	eeks in a 19.7	row so 18.7	that the 21.0	y 23.5			Increased
stopped QN26:	doing so	ome usu	al activ	ities, eve	er durin	g the 12	month 21.5	s before 15.5	e the sur 20.2	r>=2 we vey) 19.2	eeks in a 19.7	row so 18.7	that the 21.0	y 23.5			Increased No change
stopped QN26:	doing se Percenta Percenta	age of st	tudents	ities, evo	er during	g the 12	month 21.5 d atten 12.9	s before 15.5 npting s 10.3	20.2 uicide (o 11.3	2>=2 we vey) 19.2 ever dur 12.9	eeks in a 19.7 ing the 11.6	row so 18.7 12 mont 10.9	that the 21.0 ths befor 12.4	y 23.5 re the 13.0	No linear change	Increased, 2014-2018	

 *Based on trend analyses using a logistic regression model controlling 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

Trend Analysis Report

				Н	ealth R	isk Beh	avior a	nd Pero	centage	8					Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN32: survey)	Percenta	age of st	udents v	who cur	rently s	moked o	cigarette	es (on at	t least 1	day dur	ing the 3	30 days 1	before t	he			
							17.2	17.4	12.0	12.2	13.2	9.3	9.3	5.7	Decreased, 2005-2018	No quadratic change	Decreased
	IG: Per fore the			ents wh	o currer	ntly smo	ked cig	arettes f	requent	ly (on 2	0 or mo	e days d	luring t	he 30			
				ents wh	o currer	ntly smo	ked cig 7.4	arettes f 8.0	frequent 4.4	ly (on 2 4.5	0 or mor 4.4	e days c	luring t	he 30	Decreased, 2005-2018	No quadratic change	Decreased
days bef	fore the s	survey) Percenta					7.4	8.0	4.4	4.5		2.8	2.0	1.2	Decreased, 2005-2018	No quadratic change	Decreased
days bef	Tore the store the store the store the store the store	survey) Percenta					7.4	8.0	4.4	4.5	4.4	2.8	2.0	1.2	Decreased, 2005-2018 Decreased, 2005-2018	No quadratic change No quadratic change	Decreased
days bef QNDAY before th QN34: vape pip	fore the s CIG: F he surve	survey) Percenta yy) age of st	ge of stu	ıdents v who eve	vho curr er used a	rently sr	7.4 noked c 4.9	8.0 Sigarette 5.7	4.4 s daily (3.5 duct (inc	4.5 (on all 3 2.9	4.4 0 days d	2.8 Luring th 2.1 Lttes, e-ci	2.0 e 30 da 1.5 gars, e-	1.2 ys 0.9 pipes,	·		

Maryland High School Survey

Trend Analysis Report

Iale obacco	Use			Н	ealth R	isk Beha	avior an	nd Perc	entages	1					Linear Change [*]	Quadratic Change [*]	Change from
															ge	Quantume change	2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	8		
e-pipes,		pes, vap	ing pens	s, e-hool	kahs, ar	nd hooka	h pens [[such as	blu, NJ		ling e-ci use, Mar						
												20.8	14.0	22.7	Increased, 2014-2018	Not available [§]	Increased
	VP: Per he 30 da				o currei	ntly used	l electro	nic vap	or produ	ucts free	quently (on 20 c	or more	days			
												3.1	2.6	6.4	Increased, 2014-2018	Not available	Increased
	YEVP: 1 ays befo			udents v	who cur	rently us	ed elect	tronic v	apor pro	oducts d	laily (on	all 30 d	lays du	ring			
			•									2.4	2.0	4.4	Increased, 2014-2018	Not available	Increased
	· Percer	ntage of				smoked	cigaret	tes or us	sed elec	tronic v	apor pro	oducts	(on at le	east 1			
	ing the 3	0 days l	before the	e surve	y)												

Maryland High School Survey

Trend Analysis Report

/Iale `obacco	Use			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	3		
QN36: (such as survey,	a conve	enience	store, su	ıpermarl	cet, disc	ount sto	re, gas s	station,	or vape	store, d	uring th	ie 30 day					
													17.0	12.4	Decreased, 2016-2018	Not available [§]	Decreased
dissolva		icco pro	ducts [s	uch as C	Copenha	gen, Gri	zzly, Sk	oal, or	Camel S			f, dip, sı ting any		nic			
													8.3	6.3	Decreased, 2016-2018	Not available	Decreased
	Percenta he 30 da				rently si	moked c	igars (c	igars, ci	garillos	, or little	e cigars	, on at le	east 1 da	ay	· · · · · · · · · · · · · · · · · · ·		
							16.5	13.8	16.4	16.1	15.5	12.3	10.9	7.5	Decreased, 2005-2018	No change, 2005-2013 Decreased, 2013-2018	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.

Maryland High School Survey

Male Tobacco	Use			н	ealth Ri	isk Beh	avior ai	nd Perc	entages	i					Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QNTB2 before tl			student	s who c	urrently	smoked	l cigaret	tes or c	igars (o	n at leas	st 1 day o	during t	he 30 da	iys			
							23.6	24.6	21.7	21.0	21.0	16.0	14.9	10.3	Decreased, 2005-2018	No change, 2005-2013 Decreased, 2013-2018	Decreased

Maryland High School Survey

				H	ealth Ri	isk 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	3		
QN40:	Percent	age of st	tudents	who had	l their fi	rst drink	c of alco	ohol bef	ore age	13 year	s (other	than a fe	ew sips))			
							25.4	26.3	26.9	24.1	21.1	18.3	16.5	16.1	Decreased, 2005-2018	No change, 2005-2009 Decreased, 2009-2018	No change
	Percenta ays befo			who cur	rently d	rank alc	ohol (at	t least o	ne drink	c of alco	hol, on a	at least 1	day du	iring			
							37.6	40.3	34.4	32.3	29.3	23.0	22.2	21.0	Decreased, 2005-2018	No quadratic change	No change
emale s	students	or five	or more		of alcoh							f alcohol of hours,					
													11.8	10.9	No linear change	Not available [§]	No chang

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Trend Analysis Report

				H	ealth Ri	isk Beh	avior a	nd Perc	centages	5					Linear Change [*]	Quadratic Change [*]	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN45:	Percenta	age of st	udents	who eve	r used n	narijuar	na (one o	or more	times d	uring th	eir life)						
							41.7	38.2	39.8	36.9	37.6	32.6	29.7	28.2	Decreased, 2005-2018	No quadratic change	No change
QN46:	Percenta	age of st	udents	who trie	d mariju	uana foi	r the firs	t time b	efore ag	e 13 ye	ars						
							11.4	11.6	10.8	11.1	11.3	9.8	9.0	7.4	Decreased, 2005-2018	No quadratic change	Decreased
N47: urvey)	Percenta	age of st	udents	who cur	rently u	sed mai	rijuana (one or r	nore tim	nes durin	ng the 3) days b	efore th	e			
							18.5	23.0	24.6	25.9	21.6	19.4	17.6	16.5	Decreased, 2005-2018	No change, 2005-2009 Decreased, 2009-2018	No change
N48:	Percenta	age of st	udents	who eve	r used s	yntheti	c mariju	ana (on	e or mor	e times	during	heir life	:)				

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

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				H	ealth Ri	isk Beha	avior a	nd Pero	centages	5					Linear Change [*]	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
differer	tly than	how a c	tudents loctor to ocet, on	ld them	to use i	t (count	ing drug	gs such									
													13.5	13.3	No linear change	Not available [§]	No change
			. 1 .			·			<u> </u>								
			ng their l		r used c	ocaine (any for	m of co	caine, ii	ncluding	g powde	r, crack,	or freel	oase,			
					r used c	ocaine (any for 8.5	m of co 7.0	7.7	6.8	g powde 8.1	r, crack, 6.7	or freel 6.8	6.0	Decreased, 2005-2018	No quadratic change	No change
QN52:	nore tim	age of s		life)			8.5	7.0	7.7	6.8	8.1	6.7	6.8	6.0	Decreased, 2005-2018	No quadratic change	No change
QN52:	nore tim	age of s	ng their l	life)			8.5	7.0	7.7	6.8	8.1	6.7	6.8	6.0	Decreased, 2005-2018 No linear change	No quadratic change Increased, 2005-2011 No change, 2011-2018	No change No change
QN52: times d	Percenta Percenta Percenta	age of s eir life) age of s	ng their l	life) who eve	r used h	eroin (a nethamp	8.5 lso call 2.8	7.0 ed "sma 3.7	7.7 ack," "ju 5.8	6.8 ink," or 5.7	8.1 "China V 6.3	6.7 White," 5.5	6.8 one or r 5.3	6.0 nore 4.9	· · · · · · · · · · · · · · · · · · ·	Increased, 2005-2011	

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

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Male Alcohol a	and Oth	er Dru	g Use	Н	ealth Ri	isk Beh	avior a	nd Pero	centages	5					Linear Change [*]	Quadratic Change*	Change from
									8						8		2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	5 2018	3		
QN54:	Percent	age of s	tudents	who eve	r used e	ecstasy (also cal	led "Ml	DMA," o	one or r	nore tim	es durin	g their	life)			
							4.8	7.1	7.7	7.5	10.3	7.9	6.7	6.2	No linear change	Increased, 2005-2013 Decreased, 2013-2018	No change
QN56: body, or						ed any il	legal dı	ug (use	d a need	lle to in	ject any	illegal o	lrug int	to their			
				,	•)		2.2	2.9	4.1	5.0	5.0	4.4	4.8	5.1	Increased, 2005-2018	No quadratic change	No change
QN57: months				who we	re offere	ed, sold,	or give	n an ille	egal drug	g on sch	nool proj	perty (di	uring th	ne 12			
							31.2	31.0	33.7	33.1	33.0	28.1	24.6	24.0	Decreased, 2005-2018	No change, 2005-2013 Decreased, 2013-2018	No change

Maryland High School Survey

Trend Analysis Report

				H	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	_		
2N58:	Percenta	age of s	tudents	who eve	er had se	xual int	ercourse	•	:	:	-						
											41.9	35.0	33.9	33.7	Decreased, 2013-2018	Not available [§]	No change
QN59:	Percenta	age of s	tudents	who had	l sexual	intercou	irse for t	he first	time be	fore age	e 13 yea	rs	· · ·				
N59:	Percenta	age of s	tudents	who had	l sexual	intercou	urse for t	he first	time be	fore age	e 13 yea 10.2	rs 7.8	6.5	6.0	Decreased, 2013-2018	Not available	No change
						intercou intercou					10.2	7.8		6.0	Decreased, 2013-2018	Not available	No change
											10.2 during t	7.8		6.0 9.1	Decreased, 2013-2018 Decreased, 2013-2018	Not available Not available	No change No change
2N60: 2N61:	Percenta	age of s	tudents y	who had	l sexual		irse with	1 four of	r more p	ersons	10.2 during t 15.4	7.8 heir life 11.4	9.8	9.1			

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

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Male Sexual Be	ehaviors	S															
				Н	ealth R	isk Beh	avior aı	nd Perc	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	3 2014	2010	5 2018	8		
QN62: 1 who wer					nk alcol	hol or us	sed drug	s before	e last sez	kual int	ercours	e (amor	ig stude	nts			
											27.9	26.1	22.6	22.0	Decreased, 2013-2018	Not available [§]	No change
QN63: 1 currently				who use	ed a con	dom dur	ing last	sexual i	intercou	rse (am	ong stu	dents w	ho were	;			
											67.2	67.3	64.2	63.3	Decreased, 2013-2018	Not available	No change
QN64: 1 among s							oills befo	ore last	sexual i	ntercou	rse (to j	prevent	pregnar	ncy,			
											15.5	13.3	17.2	20.3	Increased, 2013-2018	Not available	Increased
QNIUD or Nexpi active)																	
											1.0	1.3	2.1	2.1	Increased, 2013-2018	Not available	No change

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Trend Analysis Report

				H	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		
control	PARG: I ring (suc y sexual	ch as Nu	vaRing)						,	· 1							
		<u>j</u>	- , ,								2.8	2.0	2.6	2.2	No linear change	Not available [§]	No change
implant control	HHPL: I (such as ring (suc y sexual	s Implar ch as Nu	ion or N ivaRing)	explano	n); or a	shot (su	ich as D	epo-Pro	vera), p	atch (su	ch as O	rthoEvi	a), or b				
implant control	(such as	s Implar ch as Nu	ion or N ivaRing)	explano	n); or a	shot (su	ich as D	epo-Pro	vera), p	atch (su	ch as O	rthoEvi	a), or b		Increased, 2013-2018	Not available	No change
QNDUA pills; an Depo-Pi	(such as ring (suc	s Implan ch as Nu ly active Percenta uch as M patch (s	age of st liven as C	explano) before cudents v r ParaGa DrthoEv	n); or a last sex who use ard) or i ra), or b	shot (su ual inter d both a mplant irth con	condor course condor (such as trol ring	epo-Pro (to prev n during Implan g (such a	yera), p ent preg g last sez on or Na as Nuval	atch (su mancy, s sual inte explano	19.3 ercourse on); or a	rthoEvr students 16.6 and bin shot (su	a), or b who w 21.9 Th contr ich as	ere 24.5 rol	Increased, 2013-2018	Not available	No chang

Maryland High School Survey

Trend Analysis Report

ale xual Behaviors			H	ealth Ri	sk Beha	avior an	d Perc	entages						Linear Change [*]	Quadratic Change*	Change from 2016-2018
1991 1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
2NBCNONE: Pentercourse (amor								prevent	pregnar	icy durii	ng last s	sexual				
										13.3	13.8	13.9	14.3	No linear change	Not available [§]	

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Trend Analysis Report

				Н	ealth Ri	isk Beha	avior a	nd Pero	centages	5					Linear Change [*]	Quadratic Change [*]	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
						verweigh e data fro						tile for t	body ma	iss			
							16.2	15.0	15.8	15.5	14.8	14.5	14.2	14.5	No linear change	No quadratic change	No change
01/01		<u> </u>	6	1 . 1		1	05.1				· .						
						besity (> C growth			tile for b	ody ma	iss index	, based	on sex-	and			
						growth						, based 14.1	on sex- 15.4	and 14.6	No linear change	No quadratic change	No change
age-spe	cific ref	erence	lata fror	n the 20	00 CDC	C growth	charts) 15.5	[§] 16.6	15.4	13.4	13.8				No linear change	No quadratic change	No change
age-spe	cific ref	erence	lata fror	n the 20	00 CDC	c growth	charts) 15.5	[§] 16.6	15.4 or very o	13.4	13.8				No linear change No linear change	No quadratic change No quadratic change	No change No change
QN67:	cific ref	age of s	data fror	n the 20	00 CDC	c growth	charts) 15.5 es as sl 21.8	§ 16.6 ightly o 22.6	15.4 or very o 22.5	13.4 verweig 21.8	13.8 ght 21.7	14.1 21.6	15.4 22.9	14.6 22.8			

^{*}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.

⁸Overweight and obese prevalence estimates for 1999 differ slightly from previously published results because different BMI cut points were used in 1999 than in subsequent years. To make these prevalence estimates comparable, the 1999 prevalence estimates were recalculated using the updated BMI cut points. In addition, beginning in 2017, new, slightly different ranges were used to calculate biologically implausible responses to height and weight questions.

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				He	ealth Ri	sk Beh	avior a	nd Perc	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QN70:	Percenta	age of st	udents v	vho did	not eat f	ruit (or	ne or me	ore time	s during	the 7 d	ays befo	ore the s	urvey)				
							16.4	21.2	18.4	14.7	18.5	17.3	18.3	17.7	No linear change	No quadratic change	No change
					d not ea the surv		or drink	100% fi	ruit juice	es (such	as oran	ge juice	, apple j	uice,			
8 1	J ,,,	8				- 5 /	5.4	7.5	6.2	5.9	8.5	9.1	9.9	9.9	Increased, 2005-2018	No quadratic change	No change
		ataga of	students	who at	e fruit o	r drank	100% 1	fruit juic	es one o	or more	times pe	er day (s	such as				
					, during												

Maryland High School Survey

Trend Analysis Report

				H	ealth Ri	isk Beh	avior a	nd Pero	centages	5					Linear Change [*]	Quadratic Change [*]	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
	: Percer uice, ap								ces two survey)	or more	times p	er day (such as				
							33.8	30.1	36.3	36.5	32.7	30.3	27.8	27.7	Decreased, 2005-2018	No change, 2005-2011 Decreased, 2011-2018	No change
QN71:	Percenta	age of st	udents v	who did	not eat	green sa	ulad (or	ne or mo	ore times	during	the 7 da	ys befo	re the su	irvey)			
QN71:	Percenta	age of st	udents v	who did	not eat	-	ılad (or 40.5	ue or mo 41.5		during 39.1	the 7 da 42.3	ys befo 45.5	re the su 48.5	urvey) 49.3	Increased, 2005-2018	No change, 2005-2011 Increased, 2011-2018	No change
_						_	40.5	41.5		39.1	42.3	45.5	48.5	49.3	Increased, 2005-2018		No change
						potatoes	40.5 s (one c	41.5	43.6	39.1	42.3 e 7 days	45.5	48.5	49.3	Increased, 2005-2018 Increased, 2005-2018		No change Increased
QN72:	Percenta	age of st	udents v	who did	not eat	potatoes	40.5 s (one c 31.4	41.5 or more 34.8	43.6 times du	39.1 uring the 33.9	42.3 e 7 days 34.5	45.5 before t 37.6	48.5 he surve 37.8	49.3 ey) 40.8		Increased, 2011-2018	

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

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Weight N	lanager	ment an	d Dieta			isk Beh	avior a	nd Perc	entages	5					Linear Change [*]	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN74: survey)	Percenta	age of st	udents	who did	not eat	other ve	egetable	es (one c	or more	times dı	uring the	e 7 days	before t	the			
							16.6	18.2	20.2	21.2	19.3	20.1	22.4	21.2	Increased, 2005-2018	No quadratic change	No change
QNVEC potatoes												ng Frenc	h fries,	fried			
							6.2	6.0	7.7	9.0	8.7	9.8	10.6	10.9	Increased, 2005-2018	No quadratic change	No change
QNVEC French f																	
							57.8	59.2	59.5	62.4	62.2	59.9	58.0	57.9	No linear change	Increased, 2005-2011 Decreased, 2011-2018	No change

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				He	ealth Ri	sk Beh	avior a	nd Perc	entages	1					Linear Change [*]	Quadratic Change [*]	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
	52: Perc fries, frie																
							23.5	25.3	26.5	31.6	28.2	27.3	25.1	24.6	No linear change	Increased, 2005-2011 Decreased, 2011-2018	No change
	33: Perc ng Fren													the			
•							12.9	12.4	13.3	16.6	14.4	14.8	12.7	12.3	No linear change	No change, 2005-2014 Decreased, 2014-2018	No change
					not drin	k a can	bottle.	or glass	s of soda		(such a	s Coke,	Pepsi, o	or			
	Percenta ot coun								survey)								

Maryland High School Survey

				H	ealth Ri	isk Beha	avior an	d Perco	entages	5					Linear Change [*]	Quadratic Change [*]	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
						a can, b et soda c		op, duri						ay 14.3	Decreased, 2009-2018	No change, 2009-2013 Decreased, 2013-2018	Decreased
Such as	Coke, F	Pepsi, or	r Sprite, e of stud	not cou	nting die o drank		or diet p	op, duri	23.8 23.8 of soda of	7 days t 27.1 or pop t	20.8 wo or n	ne surve 19.1 nore tim	y) 15.7 es per d	14.3	Decreased, 2009-2018		Decreased

Maryland High School Survey

Male Physical A	Activity			ц	oolth Di	al Dob	.	d Dono	~ * to ~oo						Lincon Change*	Quadratic Change*	Chongo fuom
				П	eaith K	ISK Ben	avior ar	la Perc	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	8		
QN78: kind of j days bef	physical	activity															
										50.1	46.8	44.0	42.2	42.9	Decreased, 2011-2018	Not available [§]	No change
QNPA0 1 day (in during th	n any kii	nd of ph	ysical a	ctivity tl													
										13.4	14.9	16.6	17.8	18.0	Increased, 2011-2018	Not available	No change
QNPA7																	
kind of j days bef			ulat III	leaseu	their nea	art rate a	and mad		oreattic	nuru sol			U				

Maryland High School Survey

				H	ealth Ri	sk Beh	avior a	nd Perc	centages	5					Linear Change [*]	Quadratic Change [*]	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN79:	Percenta	age of st	udents	who wat	tched tel	evision	3 or m	ore hour	rs per da	ıy (on aı	n averag	e schoo	l day)				
							41.2	41.5	41.2	35.0	30.8	26.4	21.2	18.5	Decreased, 2005-2018	No change, 2005-2011 Decreased, 2011-2018	Decreased
(countir	Percentang time s m, Face	spent on	things s	such as 2	Xbox, P	layStati	on, an i	Pad or o	other tab	let, a sn	nartphoi	ne, texti	ng, You'	Tube,			
									32.0	35.7	37.8	38.9	39.8	45.2	Increased, 2009-2018	No quadratic change	Increased
	Percenta hen they				ended ph	iysical e	ducatio	on (PE)	classes of	on 1 or 1	nore da	ys (1n ar	average	e			

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				He	ealth Ri	isk Beha	avior a	nd Perc	entages	1					Linear Change [*]	Quadratic Change [*]	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
			•														
			of stud school)		o attend	led phys	sical ed	ucation	(PE) cla	sses on	all 5 da	ys (in ar	ı averag	e			

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Trend Analysis Report

Male Other																	
				H	ealth Ri	isk Beh	avior ar	nd Perc	entages	5					Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QN86: during t						st (for a	check-1	ıp, exan	n, teeth	cleanin	g, or oth	ier denta	ıl work	,			
												75.2	75.6	75.4	No linear change	Not available [§]	No change
QNNOI work)	ONT: P	ercentag	ge of stu	dents w	ho neve	r saw a o	dentist (for a ch	eck-up,	exam, t	teeth cle	aning, c	or other	dental			
												2.5	2.5	2.8	No linear change	Not available	No change
QN87:	Percenta	age of st	udents	who had	ever be	en told	by a doo	ctor or r	urse that	at they l	nad asth	ma					
							23.2	25.4	28.0	29.7	27.2	27.4	27.7	26.8	No linear change	No change, 2005-2009 No change, 2009-2018	No change

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				Н	ealth Ri	isk 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	_		
QN90:	Percenta	age of	students	who are	transge	nder		:					3.9	1.4	Decreased, 2016-2018	Not available [§]	Decreased
				who tall ents who					ng (on a	it least 1	day du	ring the	30 days 29.6	30.7	No linear change	Not available	No change
before t	he surve	ey, amo	ong stud		drove a	car or o	other ve	hicle)					-		No linear change	Not available	No change
before t	he surve	ey, amo	ong stud	ents who	drove a	car or o	other ve	hicle)					-		No linear change Decreased, 2005-2018	Not available No change, 2005-2011 Decreased, 2011-2018	No change Decreased
QN94:	he surve Percenta Percenta	age of	students	ents who	drove a oked a v	vhole ci	garette l 14.7 e to sell	before a 14.4 them c	nge 13 y 12.5 igarette	eears (fo 12.2	r the fir 9.8	st time) 8.5	29.6 8.6	30.7		No change, 2005-2011	

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

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Trend Analysis Report

1ale ite-Adde	ed																
				H	ealth R	isk Beha	avior ar	nd Perc	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN98: I day durii						bacco in	a hooka	ıh, nargl	hile, or	other ty	pe of wa	terpipe	(on at l	east 1			
													6.0	3.7	Decreased, 2016-2018	Not available [§]	Decreased
						a kind o used an					flavor w	vith an e	electron	ic			
												91.9	94.1	94.2	Increased, 2014-2018	Not available	No change
QN101: oil, or Tl			students	s who ha	ave ever	used an	electro	nic vapo	or produ	ict to sm	ioke mai	rijuana,	THC of	r hash			
													9.0	13.4	Increased, 2016-2018	Not available	Increased
QN102: ittle ciga				s who th	ink they	definite	ely or pr	obably	will sm	oke a ci	garette, o	cigar, ci	igarillo,	or			
													19.5	16.0	Decreased, 2016-2018	Not available	Decreased

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fale ite-Added															
		He	ealth Ri	isk Beha	avior an	nd Perc	entages						Linear Change [*]	Quadratic Change*	Change from 2016-2018
1991 1993 1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	8		
QN103: Percentage of a flavored smokeless toba survey)												ſS,			
									15.8	13.3	9.1	5.6	Decreased, 2013-2018	Not available [§]	Decreased
QN104: Percentage of the survey)	students	who tri	ed or us	sed tobac	cco prod	lucts for	r the firs	st time (during t	he 12 m	onths b	efore			
										10.8	7.6	5.7	Decreased, 2014-2018	Not available	Decreased
QN105: Percentage of survey, among students										2 month	s before	the			
									40.4	39.5	41.6	13.3	Decreased, 2013-2018	Not available	Decreased
QN106: Percentage of	students	who liv	ve with s	someone	e who no	ow smol	kes ciga	rettes o	r cigars						
									36.5	34.9	29.5	26.4	Decreased, 2013-2018	Not available	Decreased

Maryland High School Survey

Trend Analysis Report

/lale Site-Adde	ed																
				Н	ealth Ri	isk Beh	avior aı	nd Perc	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	201	8		
QN107: allowed										r home i	is that sr	noking	is not				
													81.1	82.4	No linear change	Not available [§]	Increased
QN108: during th					ere in th	ie same i	room wi	th some	eone wh	o was s	moking	(on at l	east one	e day			
during u	ne 7 day			((0))									23.9	22.9	No linear change	Not available	No change
QN110: school y		itage of	students	s who w	ere taug	ht in the	eir classe	es about	the dan	gers of	tobacco	use (di	uring the	e last			
											70.2	62.5	61.7	58.8	Decreased, 2013-2018	Not available	Decreased
QN117: friends	Percer	tage of	students	s who sa	y defini	tely yes	or prob	ably yes	s that yo	oung peo	ople who	o smoke	e have n	nore			
											41.3	39.3	39.5	42.5	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.

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Trend Analysis Report

				H	ealth Ri	isk Beh	avior a	nd Perc	centages	5					Linear Change [*]	Quadratic Change [*]	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QN118: 1		tage of	students	who sa	y defini	tely yes	or prol	bably ye	s that sn	noking r	makes y	oung pe	eople lo	ok			
QN118: 1 cool or fit		tage of	students	who sa	y defini	tely yes	or prol	bably ye	s that sn	noking r	makes y 28.2	oung pe 23.9	eople loo 24.6	ok 28.0	No linear change	Not available [§]	Increased
		tage of	students	who sa	y defini	tely yes	or prol	bably ye	s that sn	noking r	-		-		No linear change	Not available [§]	Increased
	t in Percent	tage of	students	who we	ould fee	l comfo	ortable				28.2	23.9	24.6	28.0	No linear change	Not available [§]	Increase

Maryland High School Survey

emale 1jury an	d Viole	ence		H	ealth Ri	isk Beh	avior a	nd Perc	entages	5					Linear Change [*]	Quadratic Change [*]	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN9: Por more							vho had	been dri	inking a	lcohol (in a car	or other	vehicle	e, one			
							24.7	31.0	26.2	26.0	19.7	18.6	14.0	14.1	Decreased, 2005-2018	No change, 2005-2009 Decreased, 2009-2018	No change
QN10: 1 times du days bef	ring the	30 day															
uuys bei	ore the	survey)									6.4	5.0	4.4	3.2	Decreased, 2013-2018	Not available [§]	Decreased
QN11: 1 the 30 da survey)																	
											30.4	22.6	26.7	24.1	Decreased, 2013-2018	Not available	Decreased

Maryland High School Survey

				Н	ealth Ri	sk Beh	avior ai	nd Perc	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
	Percentating the 3					eapon o	n schoo	l proper	ty (such	as a gu	n, knife	, or club	, on at l	east 1			
							4.3	4.2	2.6	2.8	2.9	2.8	4.5	3.4	No linear change	No change, 2005-2011 Increased, 2011-2018	Decreased
	Percenta sport su												for hun	ting			
	_												2.6	1.9	Decreased, 2016-2018	Not available [§]	Decreased
	Percenta r club, or									on scho	ol prope	rty (suc	h as a g	un,			

Maryland High School Survey

				H	ealth Ri	isk Beh	avior a	nd Perc	entages	5					Linear Change [*]	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
	Percenta before t			who wei	re in a p	hysical	fight or	n school	propert	y (one o	or more t	imes du	ring the	e 12			
							10.4	10.0	7.8	8.5	10.2	8.5	8.7	8.3	No linear change	No quadratic change	No change
ON22:	Percent	age of s	tudents	who exn	perience	d physic	cal datir	ng violer	nce (beij	ng phys	ically h	Irt on pi	urpose h	v	-		
someon with an	Percenta e they w object o t with so	vere dati or weapo	ng or go on] one o	oing out or more	with [co times do	ounting uring the	such th e 12 mc	ings as t onths bef	being hit	t, slamn	ned into	somethi	ng, or i	njured			_
someon with an	e they w object o	vere dati or weapo	ng or go on] one o	oing out or more	with [co times do	ounting uring the	such th e 12 mc	ings as t onths bef	being hit	t, slamn	ned into	somethi	ng, or i	njured	No linear change	Not available [§]	Increased
someone with an went ou	e they w object o	vere dati or weapc omeone	ng or go on] one o during t	bing out or more he 12 m	with [co times du nonths b	ounting uring the efore th	such th e 12 mo e surve	ings as t onths bef y)	being hit fore the	t, slamn survey,	ned into among 12.0	somethi students 11.2	ng, or i who da 10.1	njured ated or 11.8	No linear change	Not available [§]	Increased

Maryland High School Survey

Trend Analysis Report

				H	ealth Ri	isk Beha	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			
	Percent ok, or ot										ed throug	gh textin	ıg, Insta	gram,			
										17.4	17.2	17.2	17.0	15.9	No linear change	Not available [§]	No change
	Percent l doing s					g the 12					eeks in a 34.2	row so 35.0	that the 38.7	y 40.6	Increased, 2005-2018	Decreased, 2005-2009 Increased, 2009-2018	Increased
stopped	l doing s Percent	ome usu	al activ	ities, ev	er durin	g the 12	month 38.1	s before 30.7	e the sur 30.1	vey) 31.4	34.2	35.0	38.7	40.6	Increased, 2005-2018	,	Increased
stopped QN26:	l doing s Percent	ome usu	al activ	ities, ev	er durin	g the 12	month 38.1	s before 30.7	e the sur 30.1	vey) 31.4	34.2	35.0	38.7	40.6	Increased, 2005-2018 Increased, 2005-2018	,	Increased No change
QN26: survey) QN27:	l doing s Percent	age of st	tudents	ities, evo	er during	g the 12	month 38.1 d atten 22.0	s before 30.7 npting s 15.8	e the sur 30.1 suicide (17.4	vey) 31.4 ever dur 19.3	34.2 ring the 20.0	35.0 12 mont 20.7	38.7 hs befor 21.8	40.6 re the 22.7		Increased, 2009-2018 No change, 2005-2009	

*Based on trend 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

				He	ealth Ri	isk Beh	avior a	nd Pero	centages	5					Linear Change [*]	Quadratic Change [*]	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN32: survey)	Percenta	age of st	tudents v	who cur	rently si	moked c	cigarette	es (on at	t least 1	day dur	ing the 3	80 days 1	before t	he			
							16.0	15.8	11.6	12.3	10.0	7.7	6.3	3.5	Decreased, 2005-2018	Decreased, 2005-2013 Decreased, 2013-2018	Decreased
	IG: Per fore the		of stude	ents who	o curren	tly smo	ked cig	arettes f	requent	ly (on 20	0 or mor	e days o	luring t	he 30			
							7.4	6.6	4.3	4.1	2.7	1.9	1.4	0.7	Decreased, 2005-2018	No quadratic change	Decreased
	CIG: Ine surve		ge of stu	idents w	vho curr	ently sr	noked c	igarette	s daily (on all 3	0 days d	uring th	e 30 da	ys			
							5.8	4.5	3.4	3.2	1.8	1.4	1.0	0.6	Decreased, 2005-2018	No quadratic change	Decreased
				1	r used a	n electr	onic va				e-cigaret						
vape pi		ing pens	tudents v , e-hook					blu, NJ	OY, Vu	se, Mar	k i en, L	ogic, va	ipin Piu	s,			

Maryland High School Survey

Trend Analysis Report

emale Tobacco	Use																
				H	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	8		
QN35: e-pipes, Plus, eG	vape pi	pes, vap	ing pen	s, e-hoo	kahs, ar	nd hooka	h pens [such as	blu, NJ								
												18.7	12.1	23.1	Increased, 2014-2018	Not available [§]	Increased
QNFRE during t					o currei	ntly used	l electro	nic vap	or produ	icts free	quently (on 20 c	or more	days			
C		-		•								1.5	1.1	4.5	Increased, 2014-2018	Not available	Increased
QNDAY the 30 d				udents v	who cur	rently us	sed elect	ronic v	apor pro	oducts d	laily (on	all 30 c	lays du	ring			
	2											0.9	0.8	2.9	Increased, 2014-2018	Not available	Increased
QNTB5 day duri						smoked	cigaret	tes or us	sed elec	tronic v	apor pro	oducts	(on at le	east 1			
												21.8	15.5	24.1	Increased, 2014-2018	Not available	Increased

Maryland High School Survey

Trend Analysis Report

	Use			H	ealth Ri	sk Beha	avior ai	nd Perc	entages						Linear Change [*]	Quadratic Change [*]	Change fron 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
(such as	a conve	age of st enience students	store, su	permarl	et, disc	ount sto	re, gas :	station,	or vape	store, d	uring th	e 30 day					
													8.8	6.8	No linear change	Not available [§]	No change
dissolva	able toba	age of st acco pro	ducts [su	ich as C	openha	gen, Gri	zzly, Sł	coal, or	Camel S					nic			
vapor p													3.2	2.1	Decreased, 2016-2018	Not available	Decreased
vapor p																	Decreased
QN38:		age of st ays befor			ently si	noked c	igars (c	igars, ci	garillos	, or little	e cigars,	on at le	ast 1 da	ıy			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.

Maryland High School Survey

Female Tobacco	Use			н	ealth R	isk Beh	avior a	nd Perc	entages	i					Linear Change*	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QNTB2: before th		0	student	s who c	urrently	smoked	l cigare	ttes or c	igars (o	n at leas	st 1 day	during t	he 30 da	iys			
							18.1	19.1	17.3	16.2	14.5	12.1	9.9	6.0	Decreased, 2005-2018	Decreased, 2005-2013 Decreased, 2013-2018	Decreased

Maryland High School Survey

				H	ealth Ri	sk Beh	avior a	nd Perc	entages	5					Linear Change [*]	Quadratic Change*	Change fron 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN40:	Percent	age of st	udents v	who had	l their fi	rst drink	of alco	hol bef	ore age	13 years	s (other	than a fe	ew sips)				
							24.1	20.3	21.8	22.2	17.1	15.9	14.4	13.6	Decreased, 2005-2018	No quadratic change	No change
		age of st ore the s		who cur	rently di							at least 1	-	-			
							41.9	45.3	39.4	36.8	33.0	29.1	28.6	26.8	Decreased, 2005-2018	No quadratic change	Decreased
									1.6		luintra of	falcohol	in a roy	v for			
emale	students		or more	drinks o								of hours,					

Maryland High School Survey

Trend Analysis Report

				Н	ealth R	isk Beh	avior a	nd Perc	centages	5					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	er used r	narijuar	na (one o	or more	times d	uring th	eir life)						
							34.4	34.5	32.1	36.9	34.0	32.1	32.9	33.3	No linear change	No quadratic change	No change
2N46:	Percenta	age of s	tudents	who trie	ed mariji	uana for	the firs		efore ag	ge 13 ye	ars						
QN46:	Percenta	age of s	tudents	who trie	ed mariji	uana for	the firs 6.5	st time b 5.3	efore ag 5.3	ge 13 yes 6.0	ars 5.8	5.9	5.1	5.0	No linear change	No quadratic change	No change
		-		who trie who cur			6.5	5.3	5.3	6.0	5.8				No linear change	No quadratic change	No change
QN47:		-					6.5	5.3	5.3	6.0	5.8				No linear change No linear change	No quadratic change	No change No change
0N47:		-					6.5 ijuana (5.3	5.3	6.0	5.8	0 days t	efore th	e			
N47: irvey)	Percenta	age of s	tudents		rently u	sed mar	6.5 ijuana (18.4	5.3 one or 1 15.9	5.3 nore tin 19.2	6.0 nes durin 20.4	5.8 ng the 3 17.8	0 days t 18.2	efore th	e			

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

Trend Analysis Report

				H	ealth R	isk Beh	avior a	nd Per	centages	5					Linear Change [*]	Quadratic Change [*]	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	1		
differer		how a c	loctor to	ld them	to use i	t (count	ing dru	gs such	ine with as codei								
													13.2	15.1	Increased, 2016-2018	Not available [§]	Increased
	Percentanore tim				er used c	cocaine (any foi	rm of co	ocaine, ii	ncluding	g powde	r, crack,	or freel	oase,			
					er used c	cocaine (any for	rm of co 3.6	ocaine, in 4.5	ncluding 4.6	g powde 4.2	r, crack, 3.6	or freeb	base, 2.8	Decreased, 2005-2018	No quadratic change	No change
$\overline{\text{QN52:}}$	nore tim	age of s	ng their l	ife)			5.3	3.6		4.6	4.2	3.6	3.4	2.8	Decreased, 2005-2018	No quadratic change	No change
QN52:	nore tim	age of s	ng their l	ife)			5.3	3.6	4.5	4.6	4.2	3.6	3.4	2.8	Decreased, 2005-2018 No linear change	No quadratic change No quadratic change	No change Decreased
QN52: imes di	nore tim Percentauring the	age of si eir life) age of si	tudents	ife) who eve	r used h	neroin (a	5.3 Iso call 2.3	3.6 ed "sma 0.8	4.5 ack," "ju	4.6 nk," or 1.9	4.2 "China" 2.8	3.6 White," 2.4	3.4 one or r 2.4	2.8 nore 1.8	· · · · · · · · · · · · · · · · · · ·		

 *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

Trend Analysis Report

				Н	ealth Ri	isk Beh	avior a	nd Per	centage	5					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	ige of st	tudents	who eve	r used e	cstasy (also cal	lled "M	DMA,"	one or r	nore tim	nes durir	g their	life)			
							5.1	5.2	4.7	5.5	5.7	4.3	3.6	2.8	Decreased, 2005-2018	No quadratic change	Decreased
			tudents v			ed any il									Decreased, 2005-2018	No quadratic change	Decreased
			tudents v s during			ed any il									Decreased, 2005-2018 Increased, 2005-2018	No quadratic change No quadratic change	Decreased No change
ody, or 2N57:	e or mo	re times	s during	their lif	e)		legal d	rug (uso 0.7	ed a need 1.4	lle to in 2.5	ject any 2.5	illegal o 2.4	lrug int 2.4	o their 2.7			

 *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.

Maryland High School Survey

Trend Analysis Report

Female Sexual Bo	ehavior	S															
				Н	ealth Ri	isk Beh	avior aı	nd Perc	entages	1					Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN58:	Percenta	age of st	tudents	who eve	er had se	exual int	ercourse	2			36.4	29.8	29.7	29.1	Decreased, 2013-2018	Not available [§]	No change
											50.4	27.0	27.1	29.1	Decreased, 2013 2016		
QN59:	Percenta	age of st	tudents	who had	l sexual	intercou	urse for	the first	time be	fore ag	e 13 yea	rs					
											3.2	2.4	2.0	1.8	Decreased, 2013-2018	Not available	No change
QN60:	Percenta	age of st	tudents	who had	l sexual	intercou	urse with	n four oi	r more p	persons	during t	heir life	;				
											9.3	5.9	5.6	5.3	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 p	erson,			
											26.7	22.1	22.2	22.1	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.

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	ehaviors	5		He	ealth Ri	sk Beh	avior an	nd Perce	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
	Percenta re currer				nk alcoł	nol or us	ed drug	s before	last sex	tual inte	ercourse	e (amon	g studer	its			
											20.1	21.2	19.7	18.7	No linear change	Not available [§]	No change
	Percenta y sexual			who use	d a conc	lom dur	ing last	sexual i	ntercou	rse (amo	ong stu	dents w	ho were 50.7	51.3	Decreased, 2013-2018	Not available	No change
	Percenta students						oills befo	ore last	sexual in	ntercou	rse (to p	prevent	pregnan	cy,			
							oills befo	ore last s	sexual in	ntercou	rse (to p 21.9	prevent 21.8	pregnan 23.1	cy, 24.8	Increased, 2013-2018	Not available	No change
among s		who we	re curre	ntly sex	ually ac	tive) an IUD	(such a	s Miren	a or Para	aGard)	21.9 or impl	21.8 ant (suc	23.1 h as Im	24.8	Increased, 2013-2018	Not available	No change

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Trend Analysis Report

				H	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		
control	PARG: I ring (suc y sexual	ch as Nu	waRing														
	,	-)	- / /								5.7	6.0	4.8	4.7	No linear change	Not available [§]	No change
implant control	HPL: I (such as ring (suc v sexual	s Implar ch as Nu	ion or N waRing	lexpland	n); or a	shot (su	ıch as D	epo-Pro	vera), p	atch (su	ich as O	rthoEvi	a), or b				
implant control	(such as	s Implar ch as Nu	ion or N waRing	lexpland	n); or a	shot (su	ıch as D	epo-Pro	vera), p	atch (su	ich as O	rthoEvi	a), or b		Increased, 2013-2018	Not available	No change
QNDUA pills; an Depo-Pr	(such as ring (suc	s Implan ch as Nu ly active Percenta uch as N patch (s	age of st liven as Contractions	explance) before tudents r ParaG OrthoEv	who use ard) or i ra), or b	shot (su ual inter d both a mplant irth con	ich as D rcourse a condor (such as itrol ring	epo-Pro (to prev n during Implan g (such a	y last sey on or Neas Nuval	atch (su nancy, s kual inte explano	29.4 ercourse on); or a	rthoEvr students 30.4 e and bin shot (su	a), or b who w 33.0 Th cont	ere 35.2 rol	Increased, 2013-2018	Not available	No chang

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. [†]Based on t-test analysis, p < 0.05. [§]Not enough years of data to calculate.

Maryland High School Survey

				H	ealth Ri	isk Beh	avior ar	nd Perc	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018
1991 1	993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
NBCNOI									prevent	pregnar	ncy durin 15.2	ng last s 15.3	sexual 17.2	16.8	No linear change	Not available ⁸	No change

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Trend Analysis Report

				H	ealth Ri	isk Beha	avior a	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	-		
			of studer id age-sp									tile for b	oody ma	ISS			
							15.7	15.1	14.9	15.3	14.8	15.4	15.9	17.0	No linear change	No quadratic change	No change
ONODI				1 , 1	1 1 1	1			·1 C 1			1 1				1 0	
			e of stud data fron				>= 95th	percent				, based 6	on sex- 10.8	and 10.9	No linear change	No quadratic change	No change
age-spe	cific refe	erence		n the 20	00 CDC	c growth	>= 95th charts) 9.6	percent § 9.1	8.5	ody mas 10.5	ss index 8.2						
age-spe	cific refe	erence	data fron	n the 20	00 CDC	growth	>= 95th charts) 9.6	percent § 9.1	8.5	ody mas 10.5 verweig	ss index 8.2	8.8		10.9			
QN67:	Percent	age of s	data fron	n the 200	00 CDC	c growth	>= 95th charts) 9.6 es as sl 32.9	9.1 ightly o 32.3	8.5 r very o 32.5	ody mas 10.5 verweig 30.8	ss index 8.2 ht 31.9	8.8 30.8	10.8 31.4	10.9 32.0	No linear change	No quadratic change	No change

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

⁸Overweight and obese prevalence estimates for 1999 differ slightly from previously published results because different BMI cut points were used in 1999 than in subsequent years. To make these prevalence estimates comparable, the 1999 prevalence estimates were recalculated using the updated BMI cut points. In addition, beginning in 2017, new, slightly different ranges were used to calculate biologically implausible responses to height and weight questions.

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				H	ealth Ri	sk Beh	avior a	nd Perc	centages	5					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	age of st	udents v	who did	not eat	fruit (or	ne or mo	ore time	s during	g the 7 d	ays befo	ore the s	urvey)	1			
							15.0	15.5	11.2	13.2	12.7	14.5	14.2	13.2	No linear change	No quadratic change	No change
					id not ea the surv		or drink	100% f	ruit juic	es (such	as oran	ge juice	, apple j	juice,			
or grupe	juice, u	uning un	o r duy		uie sui v	03)	5.2	4.5	3.4	4.9	5.3	6.7	7.3	6.8	Increased, 2005-2018	No quadratic change	No change
QNFR1	: Percer	ntage of	students	s who at	te fruit o	r drank	100% f	fruit juic	ces one o	or more	times pe	er day (s	such as				
orange j	uice, ap	ple juice	e, or gra	pe juice	, during	the 7 da	ays befo	ore the s	urvey)								
							57.2	55.3	65.8	60.4	60.2	54.5	52.5	52.9	Decreased, 2005-2018	Increased, 2005-2009	No chan

Maryland High School Survey

Trend Analysis Report

				H	ealth Ri	sk Beha	vior a	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	_		
						r drank 1 the 7 day				or more	times p	er day (such as				
						2	27.6	28.4	35.9	32.8	31.2	27.3	25.6	26.0	Decreased, 2005-2018	Increased, 2005-2009 Decreased, 2009-2018	No change
QN71:	Percent	age of st	tudents	who did	not eat	green sal	ad (on	e or mo	re times	during	the 7 da	ys befo	re the su	irvey)			
						3	32.3	33.7	32.8	36.6	34.0	38.8	41.3	42.1	Increased, 2005-2018	No quadratic change	No change
							(one o	r more t	imes du	ring the	e 7 davs	before	the surve	ev)			
QN72:	Percent	age of st	tudents	who did	not eat	potatoes	(one o			0							
QN72:	Percent	age of si	tudents v	who did	not eat	-	37.1			-	37.4		39.9	41.9	Increased, 2005-2018	No quadratic change	Increased
						-	37.1	36.0	37.1	39.0	37.4	40.1	39.9	41.9	Increased, 2005-2018	No quadratic change	Increased

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

Maryland High School Survey

				He	ealth Ri	isk Beha	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	-		
QN74: survey)	Percenta	age of st	udents v	vho did	not eat	other ve	getable	s (one o	r more t	times du	ring the	7 days	before t	he			
							12.3	14.1	14.6	16.0	14.5	16.6	17.6	16.5	Increased, 2005-2018	No quadratic change	No change
ONVE						eat vege				tatoes [e e the sur		g Frenc	h fries,	fried			
	s, or pota	ato emp	sj, cano	13, 01 01	ici vege	iuoics,	uuring t										
	s, or pota	ato emps	sj, cario	., 01 00	ier vege	<i>fuores</i> , •	5.1	5.2	4.2	5.6	5.6	6.9	7.4	7.0	Increased, 2005-2018	No quadratic change	No change
QNVE	G1: Perc	centage	of stude	nts who	ate veg	etables of	5.1	5.2	4.2	lay (gree	en salad,	, potatoe	es [exclu	ıding	Increased, 2005-2018	No quadratic change	No chang

Maryland High School Survey

				Н	ealth Ri	isk Beh	avior a	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			
													es [excl survey]				
							27.6	23.4	26.6	26.9	26.8	24.1	22.5	22.9	Decreased, 2005-2018	No quadratic change	No change
excludi	33: Perc ng Frend								er veget	tables, d	luring th	ne 7 day	s before	the 11.2	No linear change	No quadratic change	No change
excludi survey) QN75:	ng Fren	ch fries,	fried po	who did	or potat	o chips]	, carrot: 12.6 , bottle,	s, or oth 9.9 or glass	er veget 11.7	13.8	luring th	ne 7 day 11.8	s before	11.2	No linear change	No quadratic change	No change

Maryland High School Survey

				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	<u>.</u>		
-		0				a can, b	,	0						ay			
QNSOD.		0				,	,	0	ing the 7					ay 10.2	Decreased, 2009-2018	Decreased, 2009-2014 Decreased, 2014-2018	Decreased
-	Coke, P	Pepsi, or	r Sprite, e of stud	not cour	nting die o drank	et soda o	or diet p	op, duri r glass c	18.8 of soda of	7 days b 22.5 or pop t	efore th 15.0 wo or m	14.2	y) 12.1 es per d	10.2	Decreased, 2009-2018	,	Decreased

Maryland High School Survey

Female Physical A	Activity	7															
				H	ealth R	isk Beh	avior aı	nd Perc	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN78: kind of j days bef	physical	activity															
										32.3	33.8	30.1	28.4	30.4	No linear change	Not available [§]	Increased
QNPA0 1 day (in during th	n any kii	nd of ph	ysical a	ctivity t											· · · · · ·		
										17.9	21.0	22.8	25.4	25.2	Increased, 2011-2018	Not available	No change
QNPA7 kind of j days bef	physical	activity															
										14.7	16.0	14.1	12.6	14.3	No linear change	Not available	Increased

Maryland High School Survey

male ysical A	Activity	7		He	ealth Ri	sk Beh	avior a	nd Pero	centages	5					Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	.		2010-2010
QN79:	Percenta	age of st	udents	who wat	ched tel	evision	3 or m	ore hou	rs per da	ıy (on aı	n averag	e schoo	l day)				
							40.3	42.1	37.3	33.8	32.2	27.1	23.0	20.9	Decreased, 2005-2018	Decreased, 2005-2013 Decreased, 2013-2018	Decreased
countin	Percenta Ig time s m, Face	spent on	things s	such as 2	Xbox, P	layStati	on, an i	Pad or o	other tab	let, a sr	nartpho	ne, texti	ng, Ŷou	Tube,			
									25.9	33.5	35.1	37.9	36.3	39.8	Increased, 2009-2018	Increased, 2009-2014 Increased, 2014-2018	Increased
	Percenta hen they				nded ph	iysical e	educatio	on (PE)	classes of	on 1 or 1	nore da	ys (in ar	n averag	e			
	5						30.2	29.8	30.6	31.1	31.3	30.6	29.1	30.9	No linear change	No quadratic change	

Maryland High School Survey

No linear change	No quadratic change	No change
	No linear change	No linear change No quadratic change

Maryland High School Survey

Trend Analysis Report

Female Other																	
				H	ealth Ri	isk Beha	avior ar	nd Perc	entages	5					Linear Change [*]	Quadratic Change*	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	5 2018	3		
QN86: during t						st (for a	check-1	ıp, exar	n, teeth	cleanin	g, or otl	ner dent	al work	-, ,			
												77.5	78.3	77.8	No linear change	Not available [§]	No change
QNNOI work)	ONT: P	ercentag	ge of stu	dents w	ho neve	r saw a o	dentist (for a ch	eck-up,	exam,	teeth cle	eaning, o	or other	dental			
												1.5	1.4	1.6	No linear change	Not available	No change
QN87:	Percent	age of st	tudents	who had	ever be	en told	by a doo	ctor or r	nurse the	at they l	nad asth	ma					
							21.6	22.1	24.3	27.3	25.2	25.2	25.1	24.7	Increased, 2005-2018	Increased, 2005-2011 No change, 2011-2018	No change

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. [†]Based on t-test analysis, p < 0.05. [§]Not enough years of data to calculate.

Maryland High School Survey

Trend Analysis Report

emale ite-Adde	ed																
				Н	ealth R	isk Beh	avior ai	nd Pero	centage	5					Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
(N90:)	Percenta	age of st	udents	who are	transge	nder	:	:		:		:	:				
													2.2	1.1	Decreased, 2016-2018	Not available [§]	Decreased
			a studa	nto mho	drawa		than real	hiolo)									
before u	ie surve	ey, amor	ig stude	nts who	drove a	a car or o	other vel	hicle)					27.0	27.8	No linear change	Not available	No change
						a car or o			ige 13 y	ears (fo	r the firs	st time)	27.0	27.8	No linear change	Not available	No change
							garette l		nge 13 y 9.0	ears (fo 9.4	r the firs 5.7	st time) 5.2	27.0 5.1	27.8 2.6	No linear change Decreased, 2005-2018	Not available No quadratic change	No change Decreased
QN94: 1 QN97: 1	Percenta	age of st	udents v	who smo who hac	oked a v		garette l 12.8 e to sell	pefore a 11.8 them c	9.0	9.4	5.7	5.2	5.1				

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

[§]Not enough years of data to calculate.

Maryland High School Survey

Trend Analysis Report

emale ite-Adde	ed																
				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	3		
QN98: I day durii						bacco in	a hooka	ıh, nargl	hile, or	other ty	pe of wa	terpipe	(on at l	east 1			
													4.4	2.8	Decreased, 2016-2018	Not available [§]	Decreased
QN99: I vapor pre											flavor w	vith an e	lectron	ic			
												95.2	97.0	97.1	Increased, 2014-2018	Not available	No change
QN101: oil, or Tl			students	who ha	ive ever	used an	electro	nic vapo	or produ	ict to sm	ioke mai	rijuana,	THC o	r hash			
													7.3	13.3	Increased, 2016-2018	Not available	Increased
QN102: little ciga				who th	ink they	definite	ely or pr	obably	will sm	oke a ci	garette, o	cigar, ci	garillo,	or			
													14.6	10.2	Decreased, 2016-2018	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

Trend Analysis Report

Temale Site-Added															
		He	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	8		
QN103: Percentage of flavored smokeless tobs survey)															
									10.5	9.7	5.1	3.1	Decreased, 2013-2018	Not available [§]	Decreased
QN104: Percentage of the survey)	students	who tri	ed or us	sed toba	cco proc	lucts for	r the firs	st time (during t	he 12 m	onths b	efore			
										11.1	7.7	7.2	Decreased, 2014-2018	Not available	No change
QN105: Percentage of survey, among students										2 month	s before	e the			
									42.4	40.7	41.2	10.5	Decreased, 2013-2018	Not available	Decreased
QN106: Percentage of	students	who liv	ve with s	someone	e who no	ow smo	kes ciga	rettes o	r cigars						
									37.2	36.8	31.1	28.3	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.

Maryland High School Survey

Trend Analysis Report

Female Site-Adde	ed																
				Н	ealth Ri	isk Beh	avior aı	nd Perc	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN107: allowed										home i	s that sr	noking	is not				
													80.7	82.3	Increased, 2016-2018	Not available [§]	Increased
QN108: during th					ere in th	ie same i	room wi	ith some	eone wh	o was si	moking	(on at]	east one	e day			,
uuring u	ie 7 day	13 00101	e the su	(vey)									27.2	25.5	No linear change	Not available	Decreased
QN110: school y		itage of	students	s who w	ere taug	ht in the	eir classe	es about	the dan	gers of	tobacco	use (d	uring the	e last			
											68.8	61.2	59.0	57.4	Decreased, 2013-2018	Not available	No change
QN117: friends	Percer	itage of	students	s who sa	y defini	tely yes	or prob	ably yes	s that yo	ung peo	ple who	o smok	e have n	nore			
											38.0	35.7	36.4	38.7	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.

Maryland High School Survey

Trend Analysis Report

			He	ealth Ri	isk Beha	avior a	nd Per	centage	S					Linear Change [*]	Quadratic Change [*]	Change from 2016-2018
1991 1993 1	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	5 2018	3		
QN118: Percentag	ge of st	tudents	who say	y defini	tely yes	or prol	bably ye	es that sr	moking	makes y	oung pe	eople lo	ok			
QN118: Percentag cool or fit in	ge of st	tudents	who say	y defini	tely yes	or prol	bably ye	es that sr	moking	makes y 20.2	oung pe	eople lo 19.3	ok 22.3	Increased, 2013-2018	Not available [§]	Increased
cool or fit in						•				20.2	18.2	19.3	22.3	Increased, 2013-2018	Not available [§]	Increased
	ge of st	tudents	who wo	ould fee	l comfo	ortable s				20.2	18.2	19.3	22.3	Increased, 2013-2018	Not available [§]	Increased

^{*}Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. [†]Based on t-test analysis, p < 0.05. [§]Not enough years of data to calculate.

Maryland High School Survey

Trend Analysis Report

njury a	nd Viol	ence		H	lealth F	Risk Bel	navior a	and Per	centage	S					Linear Change [†]	Quadratic Change †	Change from 2016-2018 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
			dents w				ho had	been dri	inking a	lcohol (in a car	or other	vehicle	, one			
or more	times di	uring the	e 30 day	s before	e the sur	vey)											
							26.9	28.9	28.3	22.6	19.1	18.7	13.5	14.9	Decreased, 2005-2018	No quadratic change	Increased
imes du	ring the	30 days	udents v s before				r vehicl	e when	they had	l been d	rinking	alcohol	(one or	more	Decreased, 2005-2018	No quadratic change	Increased
imes du		30 days					r vehicl	e when	they had	l been d	rinking	alcohol	(one or	more	Decreased, 2005-2018 Decreased, 2013-2018	No quadratic change Not available¶	Increased No chang
imes du lays bef 2N11: 1	Fore the solution of the solut	age of st		the surv	ted or e-	ong stud	r vehicl lents wh	e when no had d riving a	they had riven a car or o	d been d car or of	rinking ther veh 8.8 nicle (on	alcohol icle dur 7.2 at least	(one or ing the 3 5.4	more 30 6.0 luring			

Maryland High School Survey

Trend Analysis Report

				H	ealth R	isk Bel	avior a	and Per	centage	S					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
	Percentating the 3					eapon o	n schoo	l proper	ty (such	i as a gu	ın, knife	, or club	, on at l	east 1	+		
	0						6.3	4.9	4.2	3.9	3.5	3.2	4.7	3.7	Decreased, 2005-2018	No quadratic change	Decrease
ON14:	Percenta												for hun	iting			
	sport su	ch as tai	get shot	, oi	i ut ious	i i uuy t	ann g u										
or for a	sport su	cii as tai	get shot	, ding, or	i ut ious	t i duy (g						3.4	2.9	Decreased, 2016-2018	Not available [¶]	Decrease
Or for a QN16:	sport su Percenta r club, o	age of st	udents v	who wer	e threat	ened or	injured	with a v	weapon			erty (suc			Decreased, 2016-2018	Not available [¶]	Decrease

Maryland High School Survey

Trend Analysis Report

				E	lealth R	Risk Beł	navior a	and Per	centage	s					Linear Change ^{\dagger}	Quadratic Change ^{\dagger}	Change from 2016-2018 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
	Percenta before th			who we	re in a p	hysical	fight or	school	propert	y (one o	r more t	imes du	ring the	12			
							14.1	10.0	7.4	6.9	8.3	7.0	6.9	7.3	Decreased, 2005-2018	Decreased, 2005-2014 No change, 2014-2018	No chang
omeon vith an	Percenta e they w object of t with so	ere dati r weapo	ng or go on] one o	oing out or more	with [co times du	ounting uring the	such thi e 12 mo	ings as b onths bef	being hit	t, slamn	ned into	somethi	ng, or ii	njured			
someon with an	e they w object o	ere dati r weapo	ng or go on] one o	oing out or more	with [co times du	ounting uring the	such thi e 12 mo	ings as b onths bef	being hit	t, slamn	ned into	somethi	ng, or ii	njured	No linear change	Not available [¶]	Increased
someon with an went ou	e they w object o	ere dati: r weapo omeone	ng or go on] one o during t	bing out or more he 12 m	with [co times du nonths be	ounting uring the efore the	such thi e 12 mo e surve	ings as t onths bef y)	being hit	t, slamn survey,	ned into among 9.3	somethi students 8.7	ng, or ii who da 7.6	njured ted or 9.3	No linear change	Not available¶	Increase

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Trend Analysis Report

njury a	nd Viol	ence		H	Iealth R	Risk Beł	navior	and Pe	rcentag	es					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 [§]
						-									_		2010 2010
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
	Percenta ok, or otl										ed throug	gh textin	ıg, Insta	gram,			
										17.0	16.6	16.0	17.0	15.9	No linear change	Not available [¶]	No chang
QN25:	Percenta	age of st	tudents	who felt	sad or l	hopeless	almo	st every	day for	>=2 we	eks in a	row so	that the	v			
	Percenta doing so										eks in a	row so	that the	y			
						g the 12				vey)	eeks in a 25.2	row so 25.9	that the 28.7	y 30.8	Increased, 2005-2018	Decreased, 2005-2009 Increased, 2009-2018	Increased
stopped		ome usu	al activ	ities, ev	er durin	g the 12	month 28.4	21.5	e the sur 21.5	vey) 24.6	25.2	25.9	28.7	30.8	Increased, 2005-2018	<i>,</i>	Increase
QN26:	doing so	ome usu	al activ	ities, ev	er durin	g the 12	month 28.4	21.5	e the sur 21.5	vey) 24.6	25.2	25.9	28.7	30.8	Increased, 2005-2018 No linear change	<i>,</i>	Increase
QN26: survey) QN27:	doing so	age of st	tudents	ities, evo	er durin	g the 12	month 28.4 ed atten 19.1	21.5 21.5 npting s 14.6	21.5 21.c uicide (6 12.1	vey) 24.6 ever dur 16.3	25.2 ing the 14.9	25.9 12 mont 15.8	28.7 hs befor 16.6	30.8 re the 17.8		Increased, 2009-2018 Decreased, 2005-2009	

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Trend Analysis Report

				H	Health F	Risk Be	havior :	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	-		
QN32: 1 survey)	Percenta	ige of st	udents v	who cur	rently s	moked	cigarette	es (on at	least 1	day duri	ing the 3	30 days	before t	ne			
							21.4	18.5	15.7	16.5	13.8	10.8	8.6	5.4	Decreased, 2005-2018	Decreased, 2005-2013 Decreased, 2013-2018	Decreased
ONFRC			of stude	ents wh	o curren	tly smo	ked cig	arettes f	requent	ly (on 20	0 or mor	e days o	luring tl	ne 30			
	ore the	survev)															
	ore the	survey)					10.9	8.7	6.9	6.6	5.0	3.4	2.2	1.2	Decreased, 2005-2018	No quadratic change	Decreased
days bef	CIG: F	Percenta	ge of stu	idents v	who curr	ently si									Decreased, 2005-2018	No quadratic change	Decreased
days bef	CIG: F	Percenta	ge of stu	idents v	who curr	rently si									Decreased, 2005-2018 Decreased, 2005-2018	No quadratic change	Decreased
days bef	CIG: F he surve Percenta es, vapi	Percenta y) age of st ng pens	udents v	who eve	er used a	n electr	noked c 7.8 ronic va	6.0	s daily (5.6 luct (inc	on all 3 4.7	0 days d 3.5 e-cigaret	uring th 2.4 ttes, e-ci	e 30 day 1.6 gars, e-j	vs 0.9 pipes,			

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Trend Analysis Report

obacco	o Use			F	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	3		
e-pipes,	Percenta , vape pi Go, and I	pes, vap	ing pen	s, e-hoo	kahs, ar	nd hooka	h pens	[such as	blu, NJ								
												22.7	16.0	33.0	Increased, 2014-2018	Not available [¶]	Increase
	EVP: Pe the 30 da				io currei	ntly used	l electro	onic vap	or produ	icts freq	uently (on 20 o	or more	days			
												3.0	2.6	9.6	Increased, 2014-2018	Not available	Increase
	YEVP: 1 lays befo			udents	who cur	rently u	sed elec	tronic v	apor pro	oducts d	aily (on	all 30 c	lays du	ring			
												2.1	1.9	6.5	Increased, 2014-2018	Not available	Increase
												duata	on at le	act 1			
he 30 c	5: Percenting the 3					smoked	l cigaret	tes or us	sed elec	tronic v	apor pro	oducts (Ull at K	ast 1			

Maryland High School Survey

Trend Analysis Report

White* Fobacco	o Use			-													
				H	Iealth R	isk 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	_		
(such as	a conve	enience	store, su	permarl	ally got ket, disco ised elec	ount sto	ore, gas s	station,	or vape	store, di	uring the	e 30 day					
													10.3	7.8	Decreased, 2016-2018	Not available [¶]	Decreased
dissolva	able toba		ducts [sı	ich as C	rently us Copenhag	gen, Gri	izzly, Sk	oal, or	Camel S					ic			
vapor p			ust i duj	uuring	the so (uays bei	ore the										
vapor p			ust i daj	uning	, the SO (5.7	4.2	Decreased, 2016-2018	Not available	Decreased
QN38:				who cur	rently sn	-				, or little	e cigars,	on at le			Decreased, 2016-2018	Not available	Decreased

Maryland High School Survey

lopacco	Use			H	Iealth F	Risk Beł	avior a	and Per	centage	es					Linear Change ^{\dagger}	Quadratic Change [†]	Change from 2016-2018 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QNTB2: before th		U	student	s who c	urrently	smoked	l cigare	ttes or c	igars (o	n at leas	st 1 day	during t	he 30 da	ays			
							25.2	23.5	21.8	21.3	18.5	15.3	12.6	8.6	Decreased, 2005-2018	Decreased, 2005-2013 Decreased, 2013-2018	Decreased

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				H	lealth R	lisk Beł	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	5 2018	8		
QN40:	Percenta	nge of st	udents v	who had	their fi	rst drink	c of alco	hol bef	ore age	13 year	s (other	than a f	ew sips	.)			
							23.5	23.6	19.3	20.1	16.5	15.7	14.2	12.4	Decreased, 2005-2018	No quadratic change	Decreased
	Percenta ays befo			who cur	rently di	rank alc	ohol (at	least o	ne drink	of alco	hol, on a	at least 1	l day d	uring			
				who cur	rently di		ohol (at 46.2	2 least of 49.0	ne drink 40.9	c of alco 41.4	hol, on a 37.4	at least 1 33.3	l day d 33.2	uring 32.3	Decreased, 2005-2018	No quadratic change	No chang
he 30 d QN42: Female s	ays befo	age of st	urvey) udents v or more	who cur drinks c	rently w	ere bing	46.2 ge drink	49.0 ing (ha	40.9 d four o	41.4		33.3 alcoho	33.2	32.3	Decreased, 2005-2018	No quadratic change	No chang

Maryland High School Survey

Trend Analysis Report

				H	lealth R	lisk Beł	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	_		
QN45:	Percenta	age of st	udents v	who eve	r used n	narijuan	a (one o	or more	times d	uring the	eir life)						
							39.9	32.4	32.6	36.6	34.4	30.6	30.5	31.0	Decreased, 2005-2018	No quadratic change	No chang
							1 0			10							
QN46:	Percenta	age of st	udents v	who trie	d marijı	ana for						6.0	4.0	4.2	Degrapsed 2005 2018	No quadratia abanga	No chong
QN46:	Percenta	age of st	udents v	who trie	d marijı	ana for	the firs 7.9	t time b 7.3	efore ag 4.8	ge 13 yea 5.7	ars 6.1	6.0	4.9	4.3	Decreased, 2005-2018	No quadratic change	No chang
QN47:	Percenta	-					7.9	7.3	4.8	5.7	6.1				Decreased, 2005-2018	No quadratic change	No chang
		-				sed mar	7.9	7.3	4.8	5.7	6.1				Decreased, 2005-2018 No linear change	No quadratic change No quadratic change	No chang No chang
2N47:		-				sed mar	7.9 ijuana (7.3	4.8	5.7 nes durin	6.1) days b	efore th	e			
2N47: urvey)		age of st	udents v	who curr	rently u	sed mar	7.9 ijuana (20.8	7.3 one or r 16.8	4.8 nore tin 21.2	5.7 nes durin 23.4	6.1 ng the 3 19.7) days b 18.8	efore th 18.6	e			

Maryland High School Survey

Trend Analysis Report

				E	Iealth F	Risk Beł	navior	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	3		
lifferen	tly than	how a d	loctor to	ld them	to use i		ing dru	gs such	ine with as codei								
													12.2	11.0	Decreased, 2016-2018	Not available [¶]	Decreased
	Percenta nore tim				er used c	cocaine ((any for	rm of co	ocaine, ii	ncluding	g powde	er, crack	, or free	base,			
					er used c	cocaine ((any for 9.5	rm of co 6.3	ocaine, in 7.2	ncluding 6.7	g powde 5.1	er, crack 4.3	, or free 3.6	base, 3.3	Decreased, 2005-2018	No quadratic change	No chang
QN52:	nore tim	age of st	g their l	ife)			9.5	6.3		6.7	5.1	4.3	3.6	3.3	Decreased, 2005-2018	No quadratic change	No chang
QN52:	nore tim	age of st	g their l	ife)			9.5	6.3	7.2	6.7	5.1	4.3	3.6	3.3	Decreased, 2005-2018 No linear change	No quadratic change No quadratic change	No chang No chang
QN52: times du	Percenta	age of st eir life) age of st	tudents	ife) who eve	er used h	neroin (a nethamp	9.5 Ilso call 2.7	6.3 led "sma 2.4	7.2 ack," "ju	6.7 nk," or 2.7	5.1 "China 3.1	4.3 White," 2.6	3.6 one or r 2.0	3.3 nore 2.1	, 		

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

⁸Based on t-test analysis, p < 0.05. Not enough years of data to calculate.

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				E	lealth R	Risk Beł	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	3		
QN54:	Percenta	age of st	tudents	who eve	r used e	ecstasy (also cal	lled "Ml	DMA," (one or n	nore tim	es durin	g their	life)			
							6.5	6.7	7.1	6.2	7.1	5.3	3.7	3.4	Decreased, 2005-2018	No quadratic change	No chang
						ed any il					7.1 ject any				Decreased, 2005-2018	No quadratic change	No chang
				who eve their lif		ed any il									Decreased, 2005-2018 No linear change	No quadratic change No quadratic change	No chang No chang
oody, or QN57:	ne or mo	age of st	s during	their lif	e)		llegal di 2.0	rug (use 1.5	d a need 2.6	lle to in 3.0	ject any	illegal o	lrug inte 2.1	o their 2.5			

*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.

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Trend Analysis Report

White* Sexual B	Sehavio	rs															
				ł	Iealth F	Risk Beł	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		
QN58:	Percenta	age of st	tudents	who eve	er had se	exual int	ercourse	;			36.8	30.3	30.9	30.4	Decreased, 2013-2018	Not available [¶]	No change
QN59:	Percenta	age of st	tudents	who hac	l sexual	intercou	rse for	he first	time be	fore age	e 13 yea	ars					
											3.3	2.7	2.2	2.0	Decreased, 2013-2018	Not available	No change
QN60:	Percenta	age of st	tudents	who hac	l sexual	intercou	urse with	n four oi	r more p	persons	during	their life	;				
											9.2	6.7	6.3	6.3	Decreased, 2013-2018	Not available	No change
QN61: during t						ntly sexu	ally act	ive (had	l sexual	interco	urse wi	th at lea	st one p	erson,			
											27.2	22.5	22.6	22.6	Decreased, 2013-2018	Not available	No change

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Sexual H	Behavio	rs		T	[]4h T	tale Dal		n d Da		~					Linger Charter	Our dustin Charact	Change frages
				h	lealth R	isk Ben	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		
		age of st			nk alcoł	ol or us	ed drug	s before	last sev	cual inte	ercourse	e (amon	g studer	nts			
											25.4	25.7	22.2	23.2	Decreased, 2013-2018	Not available [¶]	No change
		age of st lly active		who use	d a conc	lom dur	ing last	sexual i	ntercou	rse (am	ong stud	dents w	no were				
											60.4	59.3	55.9	57.8	Decreased, 2013-2018	Not available	No change
		age of st who we					oills befo	ore last	sexual i	ntercou	rse (to p	prevent	pregnan	cy,			
											27.6	25.7	29.3	31.0	Increased, 2013-2018	Not available	No change
		ercentag pefore la															
,											1.4	2.0	4.3	4.8	Increased, 2013-2018	Not available	No chang

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				H	Iealth F	tisk Beł	navior a	nd Pero	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	3		
QNSHP control 1 currently	ring (suc	ch as Nu	waRing)														
											4.1	3.9	3.4	3.7	No linear change	Not available [¶]	No change
implant control 1	IHPL: I (such as ring (suc y sexual	s Implan ch as Nu	ion or N waRing	explano	n); or a	shot (su	ich as D	epo-Pro	overa), p	oatch (su	ich as C	OrthoEv	a), or b		Increased, 2013-2018	Not available	No change
CONDUA CONDUA CONDUA CONDUA CONDUA CONDUA CONDUA	(such as ring (suc	s Implan ch as Nu ly active Percenta uch as M patch (s	age of st liven as C	explano) before udents v r ParaG DrthoEv	who use ard) or i ra), or b	shot (su ual inter d both a mplant pirth con	course course condor (such as trol ring	epo-Pro (to prev) n during Implan g (such a	g last sezion or N	atch (su gnancy, xual inte fexplance	among 33.0 ercours	OrthoEv student 31.6 e and bi	a), or b who w 36.9 Th cont uch as	39.5 rol	Increased, 2013-2018	Not available	No chang

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			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	2018			
								prevent	pregnar	ncy durin 9.3	ng last s 10.6	sexual 10.4	10.6	No linear change	Not available [¶]	No chang
QNBCNONE: P ntercourse (amor QN84: Percentag	ng stud	ents who	o were c	currently	y sexual	lly active	e)			9.3	10.6	10.4		No linear change	Not available [¶]	1

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				H	lealth R	isk Beh	avior a	and Per	centage	S					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
		entage o sex- and										tile for t	oody ma	ISS			
							14.0	12.4	14.4	12.5	12.3	12.8	12.8	12.9	No linear change	No quadratic change	No chang
		rcentage erence d				growth			ile for b 7.6	ody mas 9.1	ss index 9.1	, based 9.2	on sex- 10.1	and 9.7	No linear change	Decreased, 2005-2009 Increased, 2009-2018	No chang
											1.						
QN67:	Percenta	age of st	udents v	who des	cribed th	nemselv	es as sl	ightly o	r very o	verweig	ht						
QN67:	Percenta	age of st	udents v	who des	cribed th		es as sl 29.2	ightly o 29.0		26.7	nt 27.0	26.1	26.7	26.9	Decreased, 2005-2018	No quadratic change	No chang
QN69:		age of st					29.2	29.0	28.4	26.7	27.0				Decreased, 2005-2018	No quadratic change	No chang

*Non-Hispanic.

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

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

¹Overweight and obese prevalence estimates for 1999 differ slightly from previously published results because different BMI cut points were used in 1999 than in subsequent years. To make these prevalence estimates comparable, the 1999 prevalence estimates were recalculated using the updated BMI cut points. In addition, beginning in 2017, new, slightly different ranges were used to calculate biologically implausible responses to height and weight questions.

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				E	Iealth F	Risk Bel	havior :	and Per	centage	es					Linear Change ^{\dagger}	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	tudents	who did	not eat	fruit (o	ne or m	ore time	es during	g the 7 d	lays bef	ore the s	urvey)				
							11.2	13.9	11.4	8.8	11.2	12.0	12.3	12.0	No linear change	No quadratic change	No chang
			student												No linear change	No quadratic change	No chang
			student ne 7 days												No linear change Increased, 2005-2018	No quadratic change No quadratic change	No chang No chang
							or drink	100% f	ruit juic	es (such	as orar	nge juice	e, apple	juice,			
or grape	juice, d	luring th		s before	the surv	vey) or drank	or drink 4.6	100% f 5.7 fruit juid	ruit juic 4.3 ces one	es (such 3.9	n as oran 5.7	nge juice 6.8	e, apple	juice,			

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				H	Iealth R	lisk Beł	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	-		
	: Percei juice, ap									or more	times p	er day (such as				
							30.3	28.7	36.0	35.8	31.6	28.1	26.8	26.3	No linear change	No change, 2005-2009 Decreased, 2009-2018	No chang
QN71:	Percent	age of st	tudents	who did	not eat	green sa	alad (or	e or mo	ore times	during	the 7 da	ays befo	re the s	urvey)			
							30.3	30.8	30.2	30.5	32.4	35.9	37.6	39.3	Increased, 2005-2018	No quadratic change	Increased
QN72:	Percent	age of st	tudents	who did	not eat	potatoe	s (one c	or more	times du	ring the	e 7 days	before	the surv	ey)			
							26.6	29.3	25.3	29.0	30.0	32.2	31.6	37.0	Increased, 2005-2018	No quadratic change	Increased
QN73:	Percent	age of st	tudents	who did	not eat	carrots	(one or	more ti	mes dur	ing the	7 days b	efore th	e surve	y)			
							50.2	45.5	44.4	43.8	44.6	46.1	47.7	47.0	No linear change	No change, 2005-2009 Increased, 2009-2018	No chang

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

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				H	lealth R	lisk Bel	navior :	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	_		
QN74: survey)	Percenta	ige of st	udents v	who did	not eat	other ve	egetable	es (one o	or more	times du	uring the	e 7 days	before t	he			
							9.6	13.5	12.9	11.6	12.8	14.1	14.8	14.3	Increased, 2005-2018	No quadratic change	No chang
QNVEC potatoes												ng Frenc 5.5	h fries, t	fried 5.9	Increased, 2005-2018	No quadratic change	No cha
potatoes	, or pota	to chips	s], carro	ts, or otl	her vege	etables,	during 3.6	the 7 da 3.2	ys befor 2.6	e the su 4.9	rvey) 4.7	5.5	5.9	5.9	Increased, 2005-2018	No quadratic change	No chan
QNVEC	, or pota	to chips], carro	ts, or otl	her vege ate veg	etables,	during 3.6 one or 1	the 7 da 3.2 nore tin	ys befor	e the su 4.9 lay (gre	rvey) 4.7 en salad	5.5	5.9	5.9 Iding	Increased, 2005-2018	No quadratic change	No chan

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				H	lealth F	tisk Bel	navior :	and Per	rcentag	es					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
											een salad days be						
		•						-		-	-						
							29.1	26.6	30.0	32.1	29.4	27.5	26.1	25.6	No linear change	No quadratic change	No chang
excludi							three or	more t	imes pe	r day (g	29.4 reen sala during th	id, potat	oes		No linear change	No quadratic change	No chang
excludi							three or	more t	imes pe her vege	r day (g	reen sala	id, potat	oes		No linear change	No quadratic change No quadratic change	No chang No chang
excludi survey)	ng Frend Percenta	ch fries,	, fried po	who did	or potat	o chips]	three or , carrot 13.5 , bottle,	more t s, or oth 11.1	imes pener vege 13.5	r day (g etables, o 14.3 a or pop	reen sala during th	nd, potat ne 7 days 12.9	oes s before 11.7	e the 11.2			

*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.

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	Health	Risk Behavior a	and Percentag	ges					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 [§]
1991 1993 1995 1	997 1999 2001	2003 2005	2007 200	9 2011	2013	2014	2016	2018	3		
NSODA1: Percentage of uch as Coke, Pepsi, or Sp		, , ,	0					ay			
			22.4	25.9	18.0	16.8	14.2	12.4	Decreased, 2009-2018	No quadratic change	Decrease

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				H	lealth R	lisk Beh	avior a	nd Pero	centage	s					Linear Change [†]	Quadratic Change †	Change from 2016-2018 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
kind of	Percenta physical fore the s	activity															
		•								47.6	47.4	43.3	42.1	45.1	Decreased, 2011-2018	Not available [¶]	Increased
1 day (ii	DAY: H n any kin he 7 day	nd of ph	ysical a	ctivity t													
1 day (in	n any kii	nd of ph	ysical a	ctivity t											Increased, 2011-2018	Not available	No chang
1 day (in during t QNPA7 kind of	n any kii	nd of ph s before Percenta activity	ysical a the sur ge of stu	ctivity t vey) udents v	hat incre who wer	eased th	eir heart	t rate an	d made	them by 10.2	13.2 per day	ard somo 14.7 on all 7	e of the 15.7 days (i	time 14.6 n any	Increased, 2011-2018	Not available	No chanş

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				Н	lealth R	isk Beh	avior a	nd Per	centage	es					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
N79 : 1	Percenta	age of st	udents v	vho wat	ched tel	evision	3 or mo	ore hour	s per da	ıy (on aı	n averag	e schoo	l day)	-			
							27.1	30.1	26.6	24.1	24.3	20.9	18.2	15.9	Decreased, 2005-2018	No change, 2005-2013	Decrease
																Decreased, 2013-2018	
countin	g time s	pent on	things s	uch as 2	Kbox, Pl	layStatio	on, an il	Pad or o	other tab	let, a sr	iter 3 or nartphor on an av	ne, texti	ng, Ŷou	Tube,		Decreased, 2013-2018	
countin	g time s	pent on	things s	uch as 2	Kbox, Pl	layStatio	on, an il	Pad or o	other tab	let, a sr	nartphor	ne, texti	ng, Ŷou	Tube,	Increased, 2009-2018	Increased, 2009-2013 Increased, 2009-2013	Increased
countin nstagra	g time s m, Facel	pent on book, or	things s other so udents v	uch as 2 ocial me	Xbox, Pl edia, for	layStatio someth	on, an il ing that	Pad or o	other tab ot school 23.1	let, a sn l work, 30.1	nartphor on an av	ne, textin rerage so 36.2	ng, Ŷou chool da 36.8	ay) 42.1	Increased, 2009-2018	Increased, 2009-2013	Increase

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1995 1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
		no attend	led physi	ical edu	ucation	(PE) cla	asses on	all 5 da	iys (in a	n averag	ge			
vere in seno)))		2	20.9	16.3	25.3	23.1	20.1	17.7	16.4	16.3	No linear change	No quadratic change	No chang
	entage of stu vere in schoo	entage of students wh vere in school)	entage of students who attend vere in school)	entage of students who attended phys vere in school)	entage of students who attended physical edu vere in school) 20.9	entage of students who attended physical education vere in school)	entage of students who attended physical education (PE) clavere in school) 20.9 16.3 25.3	entage of students who attended physical education (PE) classes on vere in school) 20.9 16.3 25.3 23.1	entage of students who attended physical education (PE) classes on all 5 da vere in school) 20.9 16.3 25.3 23.1 20.1	entage of students who attended physical education (PE) classes on all 5 days (in an vere in school) 20.9 16.3 25.3 23.1 20.1 17.7	entage of students who attended physical education (PE) classes on all 5 days (in an average vere in school) 20.9 16.3 25.3 23.1 20.1 17.7 16.4	entage of students who attended physical education (PE) classes on all 5 days (in an average vere in school) 20.9 16.3 25.3 23.1 20.1 17.7 16.4 16.3	entage of students who attended physical education (PE) classes on all 5 days (in an average vere in school) 20.9 16.3 25.3 23.1 20.1 17.7 16.4 16.3 No linear change	entage of students who attended physical education (PE) classes on all 5 days (in an average vere in school) 20.9 16.3 25.3 23.1 20.1 17.7 16.4 16.3 No linear change No quadratic change

Maryland High School Survey

Trend Analysis Report

White* Other																	
				H	lealth R	Risk Beł	navior a	nd Per	centage	es					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QN86: 1						st (for a	check-	ıp, exar	n, teeth	cleanin	g, or oth	er denta	al work	,			
during th	ne 12 m	onths be	efore the	survey)							83.2	84.2	84.5	Increased, 2014-2018	Not available [¶]	No change
												05.2	04.2	04.5	mereusea, 2014 2010	i vot u vultuoie	No chang
QNNOE	DNT: Pe	ercentag	ge of stu	dents w	ho neve	r saw a o	dentist (for a ch	eck-up	, exam,	teeth cle						
QNNOE work)	ONT: Pe	ercentag	ge of stu	dents w	ho neve	r saw a o	dentist (for a ch	leck-up	, exam, ⁻	teeth cle				No linear change	Not available	No change
	DNT: Pe	ercentag	ge of stu	dents w	ho never	r saw a d	dentist (for a ch	eck-up	, exam, ⁻	teeth cle	aning, c	or other	dental			
												aning, o 1.0	or other	dental			

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Trend Analysis Report

White* Site-Add	led																
				H	Iealth R	lisk Beł	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	3		
QN90: 1	Percenta	age of st	udents v	who are	transge	nder							2.2	1.3	Decreased, 2016-2018	Not available [¶]	Decreased
	Percenta he surve								ng (on a	t least 1	day du	ring the	30 days 32.1	35.4	Increased, 2016-2018	Not available	Increased
QN94: 1	Percenta	age of st	udents v	who smo	oked a v	whole ci	garette	before a	age 13 y	ears (fo	r the fir	st time)					
							15.2	13.9	8.7	8.9	6.9	6.3	5.5	3.2	Decreased, 2005-2018	No quadratic change	Decreased
	Percenta who trie									s becau	se of the	eir age (a	among				
											25.3	30.1	26.7	22.5	No linear change	Not available	

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Trend Analysis Report

Vhite* Site-Add	ed																
				H	Iealth R	Risk Bel	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		
			tudents v before th			bacco in	a hooka	ıh, nargl	hile, or o	other ty	pe of wa	aterpipe	(on at l	east 1			
													3.7	2.7	Decreased, 2016-2018	Not available [¶]	Decrease
											flavor v	vith an e 95.2	electron 97.4	ic 96.9	Increased, 2014-2018	Not available	No chang
vapor pr QN101:	oduct (a	among s	tudents	who hav	ve ever	used an	electron	ic vapo	r produc	ct)		95.2	97.4	96.9	Increased, 2014-2018	Not available	No chang
vapor pr QN101:	oduct (a	among s	tudents	who hav	ve ever	used an	electron	ic vapo	r produc	ct)		95.2	97.4	96.9	Increased, 2014-2018 Increased, 2016-2018	Not available Not available	No chang
QN99: 1 vapor pr QN101: oil, or Tl QN102: little ciga	Percen HC wax	among s atage of tage of	tudents students students	who hay who ha	ve ever t	used an	electron	nic vapo	r produc	et) et to sm	noke mar	95.2 rijuana,	97.4 THC o 9.5	96.9 • hash 17.5			

Maryland High School Survey

Trend Analysis Report

White* Site-Add	led																
				H	Health F	Risk Beł	navior a	and Per	centage	S					Linear Change [†]	Quadratic Change †	Change from 2016-2018 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QN103: flavored survey)														ïs,			
											13.6	13.0	7.7	5.5	Decreased, 2013-2018	Not available [¶]	Decreased
QN104: the surve		tage of	students	who tri	ied or us	sed toba	cco proc	ducts for	r the firs	st time (during t	he 12 m	onths b	efore			
												12.8	8.8	9.7	Decreased, 2014-2018	Not available	No change
QN105: survey, a												2 month	s before	e the			
											35.3	34.5	34.2	8.7	Decreased, 2013-2018	Not available	Decrease
QN106:	Percen	tage of	students	who liv	ve with s	someone	e who no	ow smo	kes ciga	rettes of	r cigars						
											37.5	36.0	31.2	28.3	Decreased, 2013-2018	Not available	Decrease

Maryland High School Survey

Trend Analysis Report

White* Site-Added																
			H	Iealth F	Risk Beł	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		
QN107: Percent allowed anywher									home i	s that s	moking	is not				
												83.2	84.4	Increased, 2016-2018	Not available [¶]	Increased
QN108: Percent during the 7 days				ere in th	e same	room wi	ith some	eone wh	o was si	noking	(on at l	east one	e day			
												29.1	27.9	No linear change	Not available	No chang
QN110: Percent school year)	tage of s	students	who we	ere taug	ht in the	eir classe	es about	the dan	gers of	tobacco	use (du	iring th	e last			
										69.7	64.1	62.5	60.7	Decreased, 2013-2018	Not available	Decreased
QN117: Percent friends	tage of s	students	who sa	y defini	tely yes	or prob	ably yes	s that yo	ung peo	ple wh	o smoke	e have n	nore			
										26.9	24.5	25.6	32.7	Increased, 2013-2018	Not available	

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						U	S					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 [§]
1991 1993 1995	1997 19	99 2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
N118: Percentage of	students who	o say defin	itely yes	or prob	ably yes	s that sn	noking 1	nakes y	oung pe	eople lo	ok			
ool or fit in								16.7	15.1	16.8	22.8	Increased, 2013-2018	Not available [¶]	Increase
N119: Percentage of	students who	o would fe	el comfo	rtable se	eeking h	nelp fror	n one o	r more a	dults be	esides tl	neir			

Maryland High School Survey

Trend Analysis Report

Black* Injury a	nd Viol	ence															
				H	Iealth F	Risk Bel	havior 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	-		
QN9: Por more							ho had	been dri	nking a	lcohol (in a car	or other	vehicle	e, one			
							24.4	26.0	23.9	28.7	20.3	16.4	13.5	14.8	Decreased, 2005-2018	No change, 2005-2011 Decreased, 2011-2018	No change
QN10: 1 times du days bef	ring the	30 day	s before														
uuys oor		survey)									6.2	4.2	4.2	2.6	Decreased, 2013-2018	Not available [¶]	Decreased
QN11: 1 the 30 da survey)																	
											24.6	16.9	20.3	17.3	Decreased, 2013-2018	Not available	Decreased

Maryland High School Survey

Trend Analysis Report

				H	lealth R	isk Beł	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	-		
	Percentang the 3					eapon o	n schoo	l propei	ty (such	as a gu	n, knife,	, or club	, on at 1	least 1			
	ing the s	o days i			,,		8.6	6.7	4.1	5.7	5.1	4.5	8.5	7.1	No linear change	Decreased, 2005-2013 Increased, 2013-2018	Decreased
											rried a g e survey		for hur	nting			
													5.7	5.3	No linear change	Not available [¶]	No change
					re threat g the 12					on scho	ol prope	rty (suc	h as a g	un,			

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

⁸Based on t-test analysis, p < 0.05. Not enough years of data to calculate.

Maryland High School Survey

Trend Analysis Report

				ł	Iealth F	Risk Bel	navior :	and Per	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
	Percenta before tl			who we	re in a p	hysical	fight or	n school	propert	y (one c	or more	imes du	ring the	12			
							16.7	14.1	14.7	13.6	20.0	16.4	16.2	16.8	No linear change	No quadratic change	No change
someon with an	Percenta e they w object o t with so	vere dati r weapo	ng or go on] one o	oing out or more	with [co times do	ounting uring th	such th e 12 mo	ings as bonths bet	being hi	t, slamn	ned into	somethi	ng, or ii	njured			
someon with an	e they w object o	vere dati r weapo	ng or go on] one o	oing out or more	with [co times do	ounting uring th	such th e 12 mo	ings as bonths bet	being hi	t, slamn	ned into	somethi	ng, or ii	njured	No linear change	Not available [¶]	Increased
someon with an went ou	e they w object o	vere dati r weapo omeone	ng or go on] one o during t	bing out or more the 12 m	with [co times du nonths b	ounting uring the efore th	such th e 12 mo e surve	ings as t onths bet y)	being hit	t, slamn survey,	ned into among 11.0	somethi students 9.2	ng, or in who da 10.1	njured ted or 12.2	No linear change	Not available¶	Increased

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Trend Analysis Report

Black* Injury a	nd Viol	ence															
				E	Iealth F	Risk Beh	navior a	and Pe	rcentage	es					Linear Change ^{\dagger}	Quadratic Change [†]	Change from 2016-2018 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
	Percenta ok, or oth										d throug	gh textir	ıg, Insta	gram,			
										10.7	10.1	9.7	10.4	10.3	No linear change	Not available [¶]	No chang
	Percenta doing so									>=2 we					No linear change	Not available [¶]	No chang
						g the 12				>=2 we					No linear change	Not available [¶] No change, 2005-2014 Increased, 2014-2018	
stopped QN26:		ome usu	al activ	ities, ev	er durin	g the 12	month 30.1	s before 23.0	e the sur 26.7	>=2 we vey) 23.8	eeks in a 27.4	row so 24.7	that the 28.3	y 31.0		No change, 2005-2014	No chang
stopped QN26:	doing so	ome usu	al activ	ities, ev	er durin	g the 12	month 30.1	s before 23.0	e the sur 26.7	>=2 we vey) 23.8	eeks in a 27.4	row so 24.7	that the 28.3	y 31.0		No change, 2005-2014	Increased
stopped QN26: survey) QN27:	doing so	age of st	udents	ities, ev	er durin	g the 12	month 30.1 d atten 13.8	s before 23.0 npting s 10.3	26.7 26.7 uicide (e	>=2 we vey) 23.8 ever dur 15.3	eeks in a 27.4 ing the 1 15.6	row so 24.7 12 mont 13.7	that the 28.3 hs befor 16.1	y 31.0 re the 17.8	No linear change	No change, 2005-2014 Increased, 2014-2018	

Maryland High School Survey

Trend Analysis Report

				F	Iealth F	Risk Bel	navior a	and Per	centage	S					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QN32: survey	Percent	age of st	udents	who cur	rently si	noked c	cigarette	es (on at	least 1	day duri	ing the 3	80 days 1	before t	he			
							9.0	12.9	6.2	6.9	8.1	5.1	5.7	3.3	Decreased, 2005-2018	No quadratic change	Decrease
	CIG: Per fore the		of stud	ents wh	o curren	tly smo	ked cig	arettes f	requentl	y (on 20) or mor	e days o	luring th	ne 30			
							3.2	5.0	1.2	1.6	1.6	0.9	0.8	0.4	Decreased, 2005-2018	No quadratic change	Decrease
	YCIG: 1 the surve		ge of st	udents v	vho curr	ently sn	noked c	igarette	s daily (on all 3	0 days d	uring th	e 30 da	ys	· · · · · · · · · · · · · · · · · · ·		
							2.9	3.7	1.0	1.0	1.1	0.7	0.5	0.2	Decreased, 2005-2018	No quadratic change	Decrease
									luct (in c	luding e	e-cigaret	tes, e-ci	gars, e-	pipes,			
ape p	Percenta pes, vapi d Halo])	ing pens												s,			

Maryland High School Survey

Trend Analysis Report

obacco) Use			E	Iealth R	Risk Bel	navior a	nd Pero	centage	s					Linear Change [†]	Quadratic Change †	Change from 2016-2018 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
e-pipes,	Percenta vape pi Jo, and H	pes, vap	ing pen	s, e-hoo	kahs, an	nd hooka	h pens	[such as	blu, NJ								
												15.7	9.1	13.4	Decreased, 2014-2018	Not available [¶]	Increase
	EVP: Per the 30 da				o currer	ntly used	l electro	nic vap	or produ	icts freq	uently (on 20 o	r more	days			
-		-		-								1.1	0.8	1.5	No linear change	Not available	Increase
				udents v	who curi	rently u	sed elect	tronic va	apor pro	ducts da	aily (on	all 30 d	ays dur	ing			
	YEVP: 1 lays befo	ore the s											0.6	1 1	No linear sheres		
		ore the s										0.8	0.6	1.1	No linear change	Not available	Increase
he 30 c		ntage of	student			smoked	l cigaret	tes or us	sed elect	tronic va	apor pro				No intear change	Not available	Increase

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Trend Analysis Report

lopacco	, Osc			H	Iealth R	lisk 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			
(such as	Percenta a conve among s	enience	store, su	permarl	ket, disc	ount sto	re, gas	station,	or vape	store, d	uring th	e 30 day					
													20.6	12.3	Decreased, 2016-2018	Not available [¶]	Decrease
													20.0	12.5	Decreased, 2010-2018	Not available	Decrease
lissolva	Percenta able toba	acco pro	ducts [si	uch as C	Copenha	gen, Gri	zzly, Sł	coal, or	Camel S				ius, or		Decreased, 2010-2018		
lissolva	uble toba	acco pro	ducts [si	uch as C	Copenha	gen, Gri	zzly, Sł	coal, or	Camel S				ius, or		No linear change	Not available	
dissolva vapor pr QN38:	uble toba	acco pro- on at les	ducts [si ast 1 day	uch as C y during who cur	Copenha the 30	gen, Gri days bef	zzly, Sł fore the	coal, or survey)	Camel S	Snus], n	ot count	ing any	us, or electror 5.0	nic 4.2			No chang

Maryland High School Survey

lobacco	050			ł	Health F	Risk Beł	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		
	: Percei he surve		student	s who c	urrently	smoked	l cigare	tes or c	igars (oi	n at leas	st 1 day	during t	he 30 da	ıys			
							14.1	17.4	16.0	14.7	16.5	12.4	11.3	7.2	Decreased, 2005-2018	No change, 2005-2013	Decreased

Maryland High School Survey

				Н	Iealth R	lisk Bel	navior a	and Per	centage	S					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN40: 1	Percenta	age of st	tudents v	who had	their fi	rst drinł	κ of alco	ohol bef	ore age	13 years	s (other	than a fe	ew sips))			
							26.2	21.4	30.0	25.2	20.9	17.3	15.9	17.7	Decreased, 2005-2018	Decreased, 2005-2014 No change, 2014-2018	Increased
		age of st ore the s	tudents v urvey)	who cur	cently dr	cank alc	ohol (at	least of	ne drink	of alco	hol, on a	at least 1	day du	iring			
							31.1	31.8	31.2	28.5	25.2	18.1	17.8	16.7	Decreased, 2005-2018	No change, 2005-2009 Decreased, 2009-2018	No chang
																Decreased, 2007 2010	
QN42: 1 female s	tudents	or five of	tudents v or more before th	drinks o	of alcoho												

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Trend Analysis Report

				H	Iealth R	Risk Bel	navior a	and Per	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN45:	Percenta	ige of st	udents v	who eve	er used n	narijuan	a (one o	or more	times d	uring the	eir life)						
							36.4	40.8	40.7	39.2	39.2	35.0	34.3	33.8	Decreased, 2005-2018	No quadratic change	No chang
QN46:	Percenta	ige of st	udents v	who trie	d mariju	uana for	the firs	t time b	efore ag	e 13 yea	ars						
							9.7	10.0	11.1	11.1	11.0	9.4	9.0	8.3	No linear change	No quadratic change	No chang
N47: urvey)	Percenta	ige of st	udents v	who cur	rently u	sed mar	ijuana (one or r	nore tim	es durir	ng the 3	0 days b	efore th	e			
							15.7	22.1	23.0	23.7	21.0	19.2	18.9	17.9	No linear change	No change, 2005-2009 Decreased, 2009-2018	No chang
	Percents	ige of st	udents v	who eve	r used s	vnthetic	e mariju	ana (on	e or mor	e times	during	their life	e)				
QN48:	rereentu	0															

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				H	lealth F	Risk Beł	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			
lifferen	tly than	age of st how a d and Perce	loctor to	ld them	to use i	t (count	ing dru	gs such									
													13.4	17.2	Increased, 2016-2018	Not available [¶]	Increased
		age of st nes durin			r used c	ocaine ((any for 2.9	rm of co 2.7	ocaine, in 4.4	ncluding 3.6	g powde 5.6	er, crack 4.4			Increased, 2005-2018	No quadratic change	No change
QN52:	nore tim	age of st	ig their l	ife)			2.9	2.7	4.4	3.6	5.6	4.4	, or free 5.4	base, 4.7			No change
QN52:	nore tim	age of st	ig their l	ife)			2.9	2.7	4.4	3.6	5.6	4.4	, or free 5.4	base, 4.7			No change No change
QN52: times du	Percenta uring the Percenta	age of st	tudents v	ife) who eve who eve	r used h	eroin (a nethamp	2.9 Ilso call 2.0	2.7 ed "sma 1.6	4.4 ack," "ju 4.0	3.6 nk," or 4.1	5.6 "China 5.1	4.4 White," 4.1	, or free 5.4 one or r 5.0	4.7 4.7 nore 4.5	Increased, 2005-2018	No quadratic change Increased, 2005-2011	

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

⁸Based on t-test analysis, p < 0.05. Not enough years of data to calculate.

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				H	lealth R	tisk Beł	navior a	and Per	centage	S					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
2N54:	Percenta	age of st	tudents	who eve	r used e	cstasy (also cal	led "MI	DMA," o	one or n	nore tim	es durin	g their	life)			
							3.7	5.3	5.5	6.0	7.6	5.6	5.6	5.1	No linear change	Increased, 2005-2013 Decreased, 2013-2018	No chang
	Percenta					ed any il									No linear change		No chang
	Percenta ne or mo					ed any il									No linear change Increased, 2005-2018		No chang
200dy, 01		age of st	s during	their lif	e)		legal di 1.3	rug (use 1.7	d a need 2.5	lle to inj 3.9	ject any 4.4	illegal o 4.0	lrug inte 4.5	o their 5.4		Decreased, 2013-2018	

^{*}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.

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Black* Sexual B	ehavio	rs															
				H	Health F	Risk 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		
QN58: 1	Percent	age of s	tudents	who eve	er had se	exual inte	ercourse	;			46.0	37.4	35.9	35.8	Decreased, 2013-2018	Not available [¶]	No change
QN59: 1	Percent	age of s	tudents	who had	l sexual	intercou	urse for t	he first	time be	fore ag	e 13 yea 10.6	ars 7.9	6.5	6.2	Decreased, 2013-2018	Not available	No change
QN60:	Percent	age of s	tudents	who hac	l sexual	intercou	rse with	n four oi	more p	persons	during	their life	;				
											17.0	11.3	9.8	8.7	Decreased, 2013-2018	Not available	No change
QN61: during t					re currei	ntly sexu	ally act	ive (had	l sexual	interco	urse wi	th at lea	st one p	erson,			
											29.7	24.8	23.6	23.1	Decreased, 2013-2018	Not available	No change

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Trend Analysis Report

exual I	3ehavio	rs		H	lealth R	isk Beh	navior a	nd Per	centage	s					Linear Change †	Quadratic Change †	Change from 2016-2018 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
	Percenta re curren				nk alcoł	ol or us	ed drug	s before	e last sez	cual inte	ercourse	e (amon	g studer	its			
											20.0	18.7	17.3	17.0	Decreased, 2013-2018	Not available [¶]	No chang
	Percenta y sexual			who use	d a conc	lom dur	ing last	sexual i	ntercou	rse (am	ong stud	lents wl	no were				
											64.1	66.1	58.1	54.4	Decreased, 2013-2018	Not available	No chang
	Percenta students						oills befo	ore last	sexual i	ntercou	rse (to p	prevent	pregnan	cy,			
											9.5	10.2	10.7	12.7	Increased, 2013-2018	Not available	No chang
	DIMP: P blanon) b																
											1.3	1.9	2.6	3.3	Increased, 2013-2018	Not available	No chang

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	Behavior			H	lealth F	Risk Beł	navior a	nd Per	centage	s					Linear Change †	Quadratic Change †	Change from 2016-2018 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
control 1	PARG: I ring (suc y sexual	ch as Nu	vaRing							· · I							
											5.2	4.7	4.9	5.1	No linear change	Not available [¶]	No chang
mplant control 1	HPL: I (such as ring (suc y sexual	s Implan ch as Nu	on or N vaRing)	explano	n); or a	shot (su	ıch as D	epo-Pro	overa), p	atch (su	ich as C	rthoEv	a), or b		Increased, 2013-2018	Not available	No chang
mplant ontrol i urrently (NDUA ills; an Depo-Pi	(such as ring (suc	s Implan ch as Nu ly active Percenta uch as M patch (s	age of st lirena o uch as (explano) before udents v r ParaG DrthoEv	who use ard) or i ra), or b	shot (su ual inter d both a mplant pirth con	ich as D rcourse a condor (such as atrol ring	epo-Pro (to prev n during Implan g (such a	g last sez on or N as Nuva	atch (su gnancy, xual inte explano	among 16.1 ercourse on); or a	e and bi shot (s	a), or b who w 18.2 Th contr uch as	ere 21.1 rol	Increased, 2013-2018	Not available	No chang

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	1997 1999 2(001 2003 20	05 2007	2009	2011							
NBCNONE: Percentan				2007	2011	2013	2014	2016	2018			
tercourse (among stude	ge of students who ents who were curr			orevent p	pregnan	cy durii 17.9	ng last s 17.5	exual 20.7	20.5	No linear change	Not available [¶]	No chang
N84: Percentage of stu	dents who were e	ver tested for hu	man immuno	odeficie	ncv viri					No inical change	Not available*	

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Trend Analysis Report

				H	lealth R	lisk Beł	avior a	and Per	centage	S					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
			of studen d age-sp									tile for t	oody ma	SS			
							19.7	19.5	16.5	19.7	17.7	16.7	17.4	18.0	No linear change	No quadratic change	No chang
			e of stud ata from						ile for b	-	ss index 13.5		on sex- 16.6	and 16.4	No linear change	No quadratic change	No chang
ige-spe	cific refe	erence d		n the 200	00 CDC	growth	charts) 15.4	17.4	15.1	15.6	13.5				No linear change	No quadratic change	No chang
age-spe	cific refe	erence d	ata from	n the 200	00 CDC	growth	charts) 15.4 res as sl	17.4	15.1	15.6	13.5				No linear change No linear change	No quadratic change No quadratic change	No chanş No chanş
QN67:	Percent	age of st	ata from	h the 200	00 CDC	growth	charts) 15.4 res as sl 24.2	17.4 ightly o 24.6	15.1 r very o 25.5	15.6 verweig 25.5	13.5 sht 25.4	14.4 23.8	16.6 25.8	16.4 25.7			

*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.

⁶Overweight and obese prevalence estimates for 1999 differ slightly from previously published results because different BMI cut points were used in 1999 than in subsequent years. To make these prevalence estimates comparable, the 1999 prevalence estimates were recalculated using the updated BMI cut points. In addition, beginning in 2017, new, slightly different ranges were used to calculate biologically implausible responses to height and weight questions.

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				H	Iealth F	Risk Bel	havior 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			
QN70:	Percenta	age of si	tudents v	who did	not eat	fruit (o	ne or me	ore time	s during	g the 7 c	lays bef	ore the s	urvey)				
							23.7	25.1	19.0	21.3	21.8	22.1	22.7	22.1	No linear change	No quadratic change	No chang
			student												No linear change	No quadratic change	No chang
			student ne 7 days												No linear change Increased, 2005-2018	No quadratic change	No chang No chang
or grape	juice, d	luring th	ne 7 days	s before	the surv	vey)	or drink 7.6	100% f 6.6	ruit juic 5.6	es (such 7.1	n as oran 8.6	nge juice 9.4	e, apple 10.6	juice,			
OF grape	juice, d	luring th		s before	the surv	vey) or drank	or drink 7.6	100% f 6.6 fruit juid	ruit juic 5.6 ces one	es (such 7.1	n as oran 8.6	nge juice 9.4	e, apple 10.6	juice,			

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Trend Analysis Report

				H	lealth F	Risk Bel	navior :	and Per	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
						or drank g the 7 d			ces two survey)	or more	times p	er day (s	such as				
							30.6	30.3	35.7	31.5	30.9	28.8	26.0	25.9	Decreased, 2005-2018	No change, 2005-2009 Decreased, 2009-2018	No chang
QN71:	Percent	age of st	tudents	who did	not eat	green sa	alad (or	ne or mo	ore times	during	the 7 da	ys befo	re the su	irvey)			
QN71:	Percent	age of st	tudents	who did	not eat	green sa	alad (or 47.6	ue or mo 46.9		during 47.5	the 7 da 47.5	ys befor 51.1	re the su	urvey) 56.6	Increased, 2005-2018	No change, 2005-2013 Increased, 2013-2018	No chang
							47.6	46.9		47.5	47.5	51.1	55.2	56.6	Increased, 2005-2018		No chang
							47.6	46.9	48.0	47.5	47.5	51.1	55.2	56.6	Increased, 2005-2018 No linear change		No chang No chang
QN72:	Percent	age of st	tudents	who did	not eat	potatoe	47.6 s (one c 45.0	46.9 or more 42.5	48.0 times du	47.5 uring the 46.0	47.5 e 7 days 44.0	51.1 before t 47.4	55.2 he surve 48.1	56.6 ey) 49.0	-	Increased, 2013-2018	

^{*}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.

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				H	lealth R	isk Beł	avior a	and Per	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN74: survey)	Percenta	age of st	udents v	vho did	not eat o	other ve	getable	s (one c	or more	times dı	uring the	7 days	before t	he	-		
							22.6	18.5	21.3	26.9	22.6	23.7	27.0	25.2	Increased, 2005-2018	No quadratic change	No chang
	G0: Perc s, or pota											ng Frenc	h fries, t	fried			
Solutoe							9.0	8.3	10.0	10.6	10.4	11.9	12.9	12.9	Increased, 2005-2018	No quadratic change	No chan
potutoe							9.0	0.5	10.0	10.0	10.1	11.9	12.9	1212		1 0	
QNVEC	G1: Perc						one or r	nore tin	nes per d	lay (gre	en salad	, potatoe	es [exclu	ıding			

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Trend Analysis Report

				Н	ealth R	isk Beh	avior a	ind 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	-		
	32: Perc fries, frie																
							18.7	20.7	21.1	23.8	22.1	20.5	17.9	18.5	No linear change	No change, 2005-2011 Decreased, 2011-2018	No change
						4.1.1	1			day (ar	an colo	d notat	2005				
exclud	33: Perc ng Fren													the			
						o chips]					luring th			the 10.2	No linear change	No quadratic change	No change
exclud survey) QN75:		ch fries,	fried po	tatoes, o	or potate	chips]	, carrot 11.7 , bottle,	s, or oth 10.9 or glass	er vege 10.8	13.2 a or pop	luring th 12.4	ne 7 days 11.6	9.7	10.2	No linear change	No quadratic change	No chang

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

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

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			H	Health F	Risk Beł	havior a	nd Perc	centage	es					Linear Change [†]	Quadratic Change ^{\dagger}	Change from 2016-2018 §
1991 1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
					:		:							÷		
INSUDAT: P	ercentag	ge of stu	dents wh	10 drank	a can. F	bottle, or	r glass o	of soda	or pop	one or n	nore tim	es per d	av			
													ay			
							op, duri						ay 13.6	Decreased, 2009-2018	No change, 2009-2013 Decreased, 2013-2018	Decrease
Such as Coke,	Pepsi, o	or Sprite	, not cou	nting di	et soda o	or diet p	r glass o	ng the 20.5 of soda	7 days t 25.4 or pop t	18.9	he surve 17.9 nore tim	y) 15.0 es per d	13.6	Decreased, 2009-2018	e ,	Decrease
QNSODA1: P such as Coke, QNSODA2: P such as Coke,	Pepsi, o	or Sprite	, not cou	nting di	et soda o	or diet p	r glass o	ng the 20.5 of soda	7 days t 25.4 or pop t	18.9	he surve 17.9 nore tim	y) 15.0 es per d	13.6	Decreased, 2009-2018	e ,	Decreas

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Trend Analysis Report

Black* Physical	Activit	y		Н	lealth R	lisk Beh	avior a	nd Pero	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
kind of	Percenta physical fore the	activity															
Ĵ		57								35.0	33.3	32.9	30.5	30.7	Decreased, 2011-2018	Not available [¶]	No change
1 day (i	DAY: I n any kii he 7 day	nd of ph	ysical a	ctivity tl													
										20.1	23.5	24.7	27.4	27.6	Increased, 2011-2018	Not available	No change
kind of	DAY: I physical fore the	activity															

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Trend Analysis Report

				H	lealth R	isk Beh	avior 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	5 2018	3		
QN79: F	Percenta	ige of st	udents v	who wat	ched tel	evision	3 or mo	ore hou	rs per da	ıy (on a	n averag	ge schoo	l day)				
							65.2	58.9	54.7	47.9	43.6	37.1	29.9	27.8	Decreased, 2005-2018	No quadratic change	No chang
QN80: I counting nstagrar	g time s	pent on	things s	such as 2	Kbox, Pl	layStatio	on, an il	Pad or o	other tab	olet, a sr	nartpho	ne, texti	ng, Ŷoı	ıTube,	Increased, 2009-2018	No quadratic change	Increased
counting	g time s n, Facel Percenta	pent on book, or	things s r other s	such as 2 ocial me	Xbox, Pl edia, for	layStatio someth	on, an il ing that	Pad or o	other tab ot school 35.1	olet, a sr l work, 39.1	nartpho on an av 38.9	ne, texti verage s 40.2	ng, You chool d 39.3	1Tube, ay) 44.3	Increased, 2009-2018	No quadratic change	Increased

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05 2007 2009 20	11 2013 2014 2016 2018		
· · · · ·			
education (PE) classes	on all 5 days (in an average		
13.8 15.0 13.	0 15.4 12.2 12.0 12.0 No lin	near change No quadratic change N	lo chang
pla		13.8 15.0 13.9 15.4 12.2 12.0 12.0 No lin aying a sport or being physically active (one or more	

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Black* Other				H	lealth R	lisk Beh	avior a	nd Per	centage	es					Linear Change [†]	Quadratic Change †	Change from 2016-2018 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	5 2018	3		
QN86: 1 during th						st (for a	check-	up, exai	m, teeth	cleanin	g, or oth	ner dent	al work	,			
												69.7	69.7	68.3	No linear change	Not available [¶]	No chang
-	DNT: Pe	ercentag	ge of stud	dents w	ho neve	r saw a d	dentist (for a ch	neck-up	, exam,	teeth cle				No linear change	Not available [¶]	No chang
-	DNT: Pe	ercentag	e of stu	dents w	ho never	r saw a d	dentist (for a ch	neck-up	, exam, t	teeth cle				No linear change	Not available [¶] Not available	
QNNOE work) QN87: 1												aning, o	or other	dental			No chang No chang

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ne-Au	led			H	lealth R	lisk Beł	navior a	nd Per	centage	es					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN90:	Percenta	ige of st	udents v	who are	transge	nder	-						3.9	0.8	Decreased, 2016-2018	Not available [¶]	Decreased
									ng (on a	t least 1	day du	ring the	30 days		· · ·		
before th	ne surve	y, amon	g studei	nts who	drove a	car or o	other vel	hicle)					22.2	21.7	No linear change	Not available	No chang
QN94:	Percenta								ge 13 y	rears (fo	r the fir	st time)	22.2	21.7	No linear change	Not available	No change
									ge 13 y 12.0	rears (fo 13.2	r the fir 7.3	st time) 6.0	22.2 7.1	21.74.0	No linear change Decreased, 2005-2018	Not available No change, 2005-2009 Decreased, 2009-2018	No chang
QN94:	Percenta	ige of st	udents v	who smo who had	oked a w	vhole ci	garette l 10.9 e to sell	pefore a 11.1 them c	12.0	13.2	7.3		7.1			No change, 2005-2009	

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Black* Site-Add	led																
				H	Iealth R	Risk Beł	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		
		age of st 30 days l				bacco in	a hooka	ıh, nargl	nile, or o	other typ	pe of wa	terpipe	(on at l	east 1			
													5.7	3.3	Decreased, 2016-2018	Not available [¶]	Decrease
		age of st among s									flavor w	vith an e	lectron	ic			
												91.9	94.0	93.7	No linear change	Not available	No chang
QN101: pil, or T			students	who ha	ive ever	used an	electro	nic vapo	or produ	ct to sm	oke ma				No linear change	Not available	No chang
			students	who ha	ive ever	used an	electro	nic vapo	or produ	ct to sm					No linear change Increased, 2016-2018	Not available Not available	No chang
QN102:	HC wax	<u> </u>	students									rijuana,	THC o 6.1	hash 9.3			

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Black* Site-Add	ed																
				H	Iealth F	Risk Beł	avior a	and Per	centage	8					Linear Change [†]	Quadratic Change †	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN103: flavored survey)														ïs,			
											12.9	9.4	6.2	3.2	Decreased, 2013-2018	Not available [¶]	Decreased
QN104: the surve		tage of	students	who tri	ied or us	sed toba	cco proc	ducts for	r the firs	t time (during t	he 12 m	onths b	efore			
												8.8	6.3	3.8	Decreased, 2014-2018	Not available	Decreased
QN105: survey, a												2 month	s before	the			
											46.3	45.3	49.6	17.8	Decreased, 2013-2018	Not available	Decreased
QN106:	Percen	tage of	students	who liv	ve with s	someone	e who no	ow smo	kes ciga	rettes of	r cigars		<u> </u>				
															Decreased, 2013-2018	Not available	

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Black* Site-Add	led																
				E	Health R	Risk Beh	navior a	nd Pero	centage	s					Linear Change [†]	Quadratic Change †	Change from 2016-2018 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN107: allowed		0						0		r home i	is that s	moking	is not				
													77.3	78.1	No linear change	Not available [¶]	No chang
QN108: during th					ere in th	e same :	room wi	th some	eone wh	o was si	moking	(on at l	east one	e day			
				, ,									24.1	23.2	No linear change	Not available	No chang
QN110: school y		tage of	students	who w	ere taug	ht in the	ir classe	es about	the dan	gers of	tobacco	use (du	iring th	e last			
seniour y											(0.0	50.2	57.6	E 1 E	Decreased 2012 2019	NT / 111	
senioor y											68.8	58.3	57.0	54.5	Decreased, 2013-2018	Not available	Decrease
QN117: friends	Percen	tage of	students	who sa	y defini	tely yes	or prob	ably yes	s that yo	ung peo					Decreased, 2015-2018	Not available	Decreased

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				H	lealth R	Risk Beł	navior a	and Per	centage	2S					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
N118: ool or f		itage of	students	who sa	y defini	tely yes	or prot	oably ye	s that sn	noking	-	oung pe 27.9	ople loo 28.2	ok 29.3	Decreased, 2013-2018	Not available [¶]	No chang
ool or f N119:	it in Percen	ntage of	students students nportant	who we	ould fee	1 comfo	rtable s				33.4	27.9	28.2	29.3	Decreased, 2013-2018	Not available¶	No chang

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jury an	d Viole	ence		Н	ealth Ri	isk Beh	avior ar	nd Perc	entages	8					Linear Change [*]	Quadratic Change [*]	Change fron 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
	ercentag times di						ho had l	been dri	nking a	lcohol (in a car	or other	vehicle	, one			
		U	2						30.6	26.8	27.2	21.2	16.2	16.7	Decreased, 2009-2018	No quadratic change	No change
imes du		30 day										alcohol iicle duri					
imes du	ring the	30 day													Decreased, 2013-2018	Not available [§]	Decreased
times du days bef	Fore the	e 30 days survey)	s before	the surv	vey, am	ong stuc	lents wh	o had d	riven a	car or o	ther veh	iicle duri 11.4	ng the 3 8.4	30 6.1	Decreased, 2013-2018	Not available [§]	Decreased
imes du lays bef QN11: 1	Fore the solution of the solut	age of st	s before	who tex	ted or e-	ong stud	lents wh	o had d	riven a car or o	car or o	ther veh 14.2 nicle (or	icle duri	ng the 3 8.4 1 day d	6.1	Decreased, 2013-2018	Not available [§]	Decreased

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				H	ealth Ri	isk Beh	avior aı	nd Perc	entage	5					Linear Change [*]	Quadratic Change [*]	Change fron 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
			udents v pefore th			eapon o	n schoo	l propei	ty (sucl	n as a gi	un, knife	e, or clut	o, on at	least 1			
iay dun	ing the 5	o days i		ie suive	y)				8.7	5.1	7.5	5.4	9.1	6.7	No linear change	No quadratic change	Decreased
											arried a g e survey		for hu	nting			
													for hu	nting 5.7	Decreased, 2016-2018	Not available [§]	Decreased
														-	Decreased, 2016-2018	Not available [§]	Decreased
or for a Provide the Providence of the Providence of the Providence of the Providence of the Provide Contract of the Provide C	sport su	ch as tar	get sho	oting, or	n at leas	t 1 day of	during t	with a v	onths b	efore th		7)	7.8	5.7	Decreased, 2016-2018	Not available [§]	Decrease

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				H	ealth R	isk Beh	avior aı	nd Perc	entages	•					Linear Change [*]	Quadratic Change*	Change fron 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
	Percenta before tl			who we	re in a p	hysical	fight on	school	propert	y (one o	r more	times du	ring the	2 12			
									17.1	15.9	18.0	15.2	14.4	12.8	Decreased, 2009-2018	No quadratic change	No change
someon with an	Percenta e they w object o t with so	vere dati or weapo	ng or go on] one o	oing out or more	with [co times d	ounting uring the	such thi e 12 mo	ngs as b nths bef	eing hi	, slamn	ned into	somethi	ng, or i	njured			
someon with an	e they w object o	vere dati or weapo	ng or go on] one o	oing out or more	with [co times d	ounting uring the	such thi e 12 mo	ngs as b nths bef	eing hi	, slamn	ned into	somethi students	ng, or i	njured	No linear change	Not available [§]	No change
someon with an went ou	e they w object o	vere dati or weapo omeone	ng or go on] one o during t	bing out or more the 12 m	with [co times du nonths b	ounting uring the efore th	such thi e 12 mo e survey	ngs as b nths bef 7)	eing hi	survey,	ned into among 14.9	somethi students 13.8	ng, or i who da 11.3	njured ated or 13.7	No linear change	Not available [§]	No chang

Maryland High School Survey

Trend Analysis Report

				Н	ealth Ri	sk Beh	avior ar	nd Perc	entage	s					Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
	Percenta ok, or oth										ed throu	gh textii	ng, Insta	gram,			
										10.8	14.5	16.2	14.1	12.9	No linear change	Not available [§]	No change
	Percenta										eeks in a	row so	that the	у			
	Percenta doing so							before			eeks in a 32.3	a row so 34.6	that the 37.2	y 37.1	No linear change	No quadratic change	No change
stopped QN26:		ome usu	al activi	ities, eve	er durin	g the 12	months	before	the sur 33.5	vey) 29.9	32.3	34.6	37.2	37.1	No linear change	No quadratic change	No change
stopped	doing so	ome usu	al activi	ities, eve	er durin	g the 12	months	before	the sur 33.5	vey) 29.9	32.3	34.6	37.2	37.1	No linear change	No quadratic change No quadratic change	No change No change
QN26: survey) QN27:	doing so	age of st	al activi	ities, eve who seri	ously co	g the 12	months d attem	pting su	the sur 33.5 icide (0 20.7	vey) 29.9 ever dur 14.4	32.3 ring the 18.9	34.6 12 mont 20.0	37.2 ths befor 19.6	37.1 re the 17.3			

Maryland High School Survey

Trend Analysis Report

Iispanic 'obacco																	
				H	ealth Ri	sk Beha	avior an	d Perc	entages	5					Linear Change [*]	Quadratic Change [*]	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN32: survey)	Percenta	ige of st	udents v	who cur	rently si	noked c	igarettes	s (on at	least 1	day dur	ing the 3	30 days	before t	ne			
									13.8	12.2	15.4	10.2	10.2	6.0	Decreased, 2009-2018	No change, 2009-2013 Decreased, 2013-2018	Decreased
	CIG: Per fore the		of stude	ents who	o curren	tly smol	ced ciga	rettes fi	requent	y (on 2	0 or mo	re days o	luring tl	ne 30			
									2.5	3.5	4.3	2.6	2.7	1.4	Decreased, 2009-2018	No quadratic change	Decreased
	YCIG: I	Percenta	ge of stu	idents v	who curr	ently sn	noked ci	garettes	daily (on all 3	0 days c	luring th	e 30 da	vs			
	he surve		-											, ,			
			-						2.5	2.5	3.3	2.2	2.1	1.1	Decreased, 2009-2018	No quadratic change	Decreased
QN34: vape pip		y) age of st ng pens							uct (inc	luding	e-cigare	ttes, e-c	gars, e-	1.1 pipes,	Decreased, 2009-2018	No quadratic change	Decreased

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Trend Analysis Report

				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	5 201	8		
e-pipes.	Percenta vape pi Jo, and I	pes, vap	ing pen	s, e-hoo	kahs, an	nd hooka	th pens	[such as	blu, NJ								
												22.7	14.7	19.8	No linear change	Not available [§]	Increased
	EVP: Pe the 30 da				o currer	ntly used	l electro	nic vap	or produ	icts frec	quently ((on 20 d	or more	days			
					o currer	ntly used	l electro	onic vap	or produ	icts frec	quently ((on 20 o 3.4	or more 2.3	days 3.8	No linear change	Not available	Increased
during t		Percenta	re the su	irvey)								3.4	2.3	3.8	No linear change	Not available	Increased
during t	he 30 da	Percenta	re the su	irvey)								3.4	2.3	3.8	No linear change No linear change	Not available Not available	Increased No change
QNDA QNDA he 30 c	he 30 da	Percenta pre the s	re the su age of st urvey)	udents v	who cur	rently u	sed elect	tronic v	apor pro	oducts d	laily (on	3.4 all 30 c 2.7	2.3 days du 1.9	3.8 ring 2.4			

Maryland High School Survey

Trend Analysis Report

				Н	ealth Ri	isk Beh	avior aı	nd Perc	entages						Linear Change [*]	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	8		
such as	a conve	enience	store, su	permarl	cet, disc	ount sto	ore, gas s	station,	or vape	store, d	y buying luring th lged <18	e 30 day					
													12.1	127	NT. 1 ^t	NT - 4 1 - 1 - 1 - 8	NT 1
													13.1	13.7	No linear change	Not available [§]	No chang
lissolva	ble toba	icco pro		uch as C	openha	gen, Gr	izzly, Sk	coal, or			co, snuf ot count		nus, or		No linear change	Not available ³	No chang
issolva	ble toba	icco pro	ducts [si	uch as C	openha	gen, Gr	izzly, Sk	coal, or					nus, or		Decreased, 2016-2018	Not available	No chang Decrease
lissolva vapor pr 2N38:	ble toba oducts, Percenta	age of st	ducts [si ast 1 day	uch as C y during who cur	copenha the 30	gen, Gr days be	izzly, Sk fore the	toal, or (survey)	Camel S	Snus], n		ting any	nus, or electron 7.2	nic 4.7			

*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.

Maryland High School Survey

Hispanic Tobacco	Use			н	ealth R	isk Beh	avior ar	nd Perc	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QNTB2 before th		U	f student	ts who c	currently	smoked	l cigaret	tes or ci		at leas 20.9	at 1 day 21.8	during t 15.8	he 30 da 14.8	ays 10.4	Decreased, 2009-2018	No quadratic change	Decreased

Maryland High School Survey

Trend Analysis Report

				H	ealth Ri	isk Beha	avior ar	d Perc	entages	5					Linear Change [*]	Quadratic Change [*]	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
2N40:	Percent	age of s	tudents	who had	l their fi	rst drink	c of alco	hol befo	ore age	13 year	s (other	than a fe	ew sips)				
									26.3	29.4	24.3	22.2	19.3	16.5	Decreased, 2009-2018	No quadratic change	Decreased
	Percenta lays befo			who cur	rently d	rank alc	ohol (at		ne drink 38.0	of alco 30.4	hol, on 30.4	at least 1 26.0	day du 23.5	ring 19.8	Decreased, 2009-2018	No quadratic change	Decreased
emale	students	or five	or more		of alcoh							f alcohol of hours,					
lay dur	0																

Maryland High School Survey

Trend Analysis Report

				H	ealth Ri	isk Beh	avior ar	nd Perc	entages	6					Linear Change [*]	Quadratic Change [*]	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN45:	Percenta	age of st	udents	who eve	er used n	narijuan	a (one o	r more	times d	uring th	eir life)						
									34.7	37.1	39.1	36.9	31.4	29.3	Decreased, 2009-2018	No change, 2009-2013 Decreased, 2013-2018	No change
QN46:	Percenta	age of st	udents	who trie	d mariju	uana for	the first	time b	efore ag	e 13 ye	ars						
									10.7	10.2	11.4	10.9	8.9	8.0	No linear change	No quadratic change	No change
QN47: survey)	Percenta	age of st	udents	who cur	rently u	sed mar	ijuana (o	one or n	nore tin	nes durii	ng the 3	0 days b	efore th	e			
									21.4	21.1	20.7	20.7	18.4	16.5	Decreased, 2009-2018	No quadratic change	No change
ON48:	Percenta	age of st	udents	who eve	r used s	ynthetic	marijua	ana (one	e or moi	e times	during	their life	e)				
-																	

Maryland High School Survey

Trend Analysis Report

				Н	ealth Ri	isk Beha	ivior an	d Perco	entages	;					Linear Change [*]	Quadratic Change [*]	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
differen	tly than	how a c	loctor to	ld them	to use i	orescripti t (counti during t	ng drug	s such a									
													16.2	16.6	No linear change	Not available [§]	No change
	Percent nore tim				r used c	cocaine (any form	n of coc	caine, ir	ncluding	g powde	r, crack,	or freel	oase,			
			-0	inc)													
			-8	ne)					7.3	6.4	11.2	9.1	8.2	6.8	No linear change	No quadratic change	No change
QN52:	Percent uring the			-	r used h	neroin (al	lso calle	d "smao							No linear change	No quadratic change	No change
QN52:				-	r used h	neroin (al	lso calle	d "smao				White,"			No linear change	No quadratic change No change, 2009-2013 Decreased, 2013-2018	No change Decreased
QN52: times d QN53:	ring the Percent	eir life) age of s	tudents	who eve	r used n	nethamp			ck," "ju 4.3	nk," or 5.9	"China V 8.3	White," 6.7	one or r 6.1	nore 4.7		No change, 2009-2013	

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

[§]Not enough years of data to calculate.

Maryland High School Survey

Trend Analysis Report

Hispanic Alcohol a		er Dru	g Use														
				Н	ealth Ri	isk Beha	avior ar	nd Perc	entages	5					Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	8		
QN54: 1	Percent	age of s	tudents	who eve	er used e	cstasy (also call	ed "MI	DMA," o	one or r	nore tim	es durir	ng their	life)			
									6.8	6.7	12.7	9.1	7.7	6.4	No linear change	No change, 2009-2013 Decreased, 2013-2018	No change
QN56: 1 body, or						ed any il	legal dr	ug (useo	1 a neec	lle to in	ject any	illegal o	drug int	o their			
									4.8	5.7	6.8	5.2	5.0	5.0	No linear change	No quadratic change	No change
QN57: 1 months				who we	re offere	ed, sold,	or give	n an ille	gal dru	g on scl	nool proj	perty (d	uring th	ie 12			
									35.8	34.2	37.2	32.1	28.4	24.7	Decreased, 2009-2018	No change, 2009-2013 Decreased, 2013-2018	Decreased

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Trend Analysis Report

				H	ealth Ri	sk Beha	avior an	d Perc	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
2N58:	Percenta	ge of st	udents v	who eve	r had se	xual int	ercourse	;		·				÷	- i		
											41.6	37.3	34.1	33.6	Decreased, 2013-2018	Not available [§]	No change
QN59:	Percenta	ge of st	udents v	who had	sexual	intercou	rse for t	he first	time be	fore age	e 13 yea	urs					
											9.8	6.8	5.7	5.1	Decreased, 2013-2018	Not available	No change
QN60:	Percenta	ge of st	udents v	who had	sexual	intercou	rse with	four or	more p	ersons				5.1	Decreased, 2013-2018	Not available	No change
QN60:	Percenta	ge of st	udents v	who had	sexual	intercou	rse with	1 four of	more p	ersons				5.1 8.9	Decreased, 2013-2018 Decreased, 2013-2018	Not available Not available	No change No change
QN61:	Percenta Percenta	ge of st	udents v	who wei							during t 15.5	heir life 10.7	8.9	8.9			

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

[§]Not enough years of data to calculate.

Maryland High School Survey

exual B	ehaviors	8		H	ealth Ri	sk Beh	avior ar	ıd 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	 1		
			udents v ually act		nk alcoł	nol or us	ed drug	s before	last sex	ual inte	ercourse	e (amon	g studer	its			
											28.6	28.1	24.5	18.4	Decreased, 2013-2018	Not available [§]	Decreased
	Percenta y sexual		udents v e)	who use	d a cono	lom dur	ing last	sexual i	ntercou	rse (amo	C						
											59.0	57.6	58.4	58.1	No linear change	Not available	No change
QN64:			udents v ere curre				oills befo	ore last s	sexual in	ntercou	rse (to p	prevent	pregnan	cy,			
among											12.1	9.9	12.5	17.8	Increased, 2013-2018	Not available	No change
among s																	
QNIUD			ge of stud														

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Trend Analysis Report

				H	ealth Ri	sk Beha	avior ai	d Perc	entages						Linear Change*	Quadratic Change [*]	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
control		ch as Nu	vaRing						Provera) ent preg								
		5	,,								2.4	3.8	2.5	0.8	Decreased, 2013-2018	Not available [§]	Decreased
	HPL: I								IUD (su								
mplant control 1	(such as ring (suc	ch as Nu	waRing						vera), pa ent preg								
mplant control 1	(such as	ch as Nu	waRing												Increased, 2013-2018	Not available	No change
QNDUA QNDUA Depo-Pi	(such as ring (suc y sexual ALBC: IUD (su	ch as Nu ly active Percenta uch as M patch (s	e) age of st firena o uch as () before tudents r ParaG DrthoEv	last sex who use ard) or i ra), or b	ual inter d both a mplant (irth con	course condor (such as trol ring	to prevo n during Implan g (such a	ent preg g last sex on or No as Nuval	nancy, a	among s 17.0 ercourse n); or a	students 15.3 e and bin shot (su	who w 19.0 th contruct as	ere 22.3 rol	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.

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									entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018
1991 19	93	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
NBCNON ntercourse (prevent	pregnar	ncy durin 22.8	ng last s 21.0	exual 21.5	23.8	No linear change	Not available [§]	No change
	centa	ge of st	udents y	who we	re ever t	ested fo	r humar	immun	odeficie	ency vir	us (HIV	') (not c	ounting	tests			

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Trend Analysis Report

				H	ealth Ri	isk Beha	wior 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	3		
						erweigh data fro						tile for	body ma	ISS			
									16.7	15.3	18.7	19.5	17.6	20.4	Increased, 2009-2018	No quadratic change	No change
						besity (> growth			ile for b	ody mas	ss index	, based	on sex-	and			
									23.9	13.2	12.7	13.9	16.2	16.8	No linear change	Decreased, 2009-2013 Increased, 2013-2018	No change
	-	age of st	udents	who des	cribed t	hemselv	es as sli	ghtly or	very o	verweig	ht		•				
QN67:	Percenta													22.0	No linear shange		NT 1
QN67:	Percenta	C							32.8	26.8	31.0	33.4	32.8	32.8	No linear change	No quadratic change	No change
QN69:		0	udents	who did	not drir	nk fruit j	uice (10	00% frui							No mear change	No quadratic change	No change

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

⁸Overweight and obese prevalence estimates for 1999 differ slightly from previously published results because different BMI cut points were used in 1999 than in subsequent years. To make these prevalence estimates comparable, the 1999 prevalence estimates were recalculated using the updated BMI cut points. In addition, beginning in 2017, new, slightly different ranges were used to calculate biologically implausible responses to height and weight questions.

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				H	ealth Ri	isk Beh	avior aı	nd Perc	entages	5					Linear Change [*]	Quadratic Change*	Change fron 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
2N70: 1	Percenta	age of st	udents v	who did	not eat	fruit (or	ne or mo	ore times	s during	g the 7 c	lays bef	ore the s	urvey)				
									15.3	12.3	15.8	15.9	16.0	14.8	No linear change	No quadratic change	No chang
NFR0:	Percen	ntage of	students	s who d	id not ea	at fruit o	or drink	100% fr				15.9 nge juice			No linear change	No quadratic change	No chang
			students le 7 days				or drink	100% fr		es (such	ı as oraı	nge juice	, apple	juice,			
							or drink	100% fr	uit juic						No linear change	No quadratic change No quadratic change	No chang No chang
r grape	juice, d Percen	uring th	students	s before	the surv	vey)	100% f	ruit juic	uit juic 7.0 es one o	es (such 6.4	n as orai 6.9	nge juice	9.2	juice,			

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Trend Analysis Report

				H	ealth Ri	isk Beh	avior ar	nd Perco	entages	5					Linear Change [*]	Quadratic Change [*]	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
						or drank the 7 da				or more	times p	er day (such as				
									35.3	36.6	34.1	29.7	26.1	28.5	Decreased, 2009-2018	No quadratic change	No change
0.171							1 1 /					1.6					
QN71:	Percent	age of s	tudents	who did	not eat	green sa	ılad (one		re times 42.1	during 35.4		ays befo 40.9	re the su 44.5	urvey) 43.6	Increased, 2009-2018	No quadratic change	No change
						green sa			42.1	35.4	35.1	40.9	44.5	43.6	Increased, 2009-2018	No quadratic change	No change
								r more t	42.1 imes du	35.4	35.1 e 7 days	40.9	44.5	43.6 ey)	Increased, 2009-2018 Increased, 2009-2018	No quadratic change No quadratic change	No change No change
QN72:	Percent	age of s	tudents	who did	not eat		s (one or	r more t	42.1 imes du 30.8	35.4 uring the 41.8	35.1 e 7 days 36.5	40.9 before t 40.4	44.5 he surve 41.1	43.6 ey) 41.5			

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Trend Analysis Report

				H	ealth Ri	isk Beh	avior ar	nd Perc	entages	5					Linear Change [*]	Quadratic Change [*]	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN74: survey)	Percenta	age of st	tudents	who did	not eat	other ve	egetable	s (one o	r more	times d	uring the	e 7 days	before	the			
, ai vey j									28.5	23.6	21.5	23.1	24.4	21.2	No linear change	No quadratic change	Decreased
										2010	21.5	23.1	21.1	21.2	ito inicar change	rto quadratic change	Deereused
							etables (during t			otatoes [excludii	ng Frenc			No linear change	No quadratic change	No change
otatoes	, or pota	ato chips	s], carro	ts, or oth	her vege ate veg	etables,		he 7 day	ys befor 7.8 nes per c	otatoes [e the su 8.0 lay (gre	excludin rvey) 9.5 en salad	ng Frenc 10.8	ch fries, 11.5 es [excl	fried 10.2 uding			

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Trend Analysis Report

				He	ealth Ri	isk Beha	avior ar	nd Perco	entages	5					Linear Change [*]	Quadratic Change [*]	Change fron 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
												l, potatoe fore the					
														22.0			
									24.9	27.0	28.2	25.6	23.4	23.9	No linear change	No quadratic change	No change
									nes per	day (gi	reen sala	id, potato ne 7 days	pes		No linear change	No quadratic change No change, 2009-2013 No change, 2013-2018	No change No change
[excludi survey) QN75:	ing Fren	ch fries	, fried po	who did	or potat	o chips]	, carrots	or glass	mes per er veget 10.1 of soda	day (gi tables, c 17.2 a or pop	reen sala luring th 15.2	id, potato ne 7 days	bes s before 13.3	the 13.0		No change, 2009-2013	

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				He	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		
NSODA														ay			
									ing the 7	7 days b				ay 11.6	Decreased, 2009-2018	No quadratic change	No change
									ing the 7	7 days b	efore th	ne surve	y)		Decreased, 2009-2018	No quadratic change	No chang
Such as (Coke, P	rcentage	Sprite,	not cour ents wh	nting die	et soda o	or diet p	r glass c	ing the 7	7 days b 20.9 or pop tv	efore th 17.7 wo or n	ne surve 16.3 nore tim	y) 13.3 es per d	11.6	Decreased, 2009-2018	No quadratic change	No chang

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				He	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	_		
kind of	Percenta physical fore the s	activity															
										30.7	34.1	29.5	26.8	27.4	No linear change	Not available [§]	No change
	DAY: F n any kir	nd of ph	ysical a	ctivity th								ard som	e of the	time	1 2011 2010		
	he 7 day	sbelore								20.3	19.3	23.1	26.6	28.5	Increased, 2011-2018	Not available	No change
during t QNPA7 kind of	he 7 day DAY: F physical fore the s	Percenta activity	ge of stu	idents w					ast 60 m	ninutes	per day	on all 7	days (ii	n any	Increased, 2011-2018	Not available	No chang

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íispanic hysical		7		Н	ealth Ri	isk Beh	avior aı	nd Perc	entages	5					Linear Change [*]	Quadratic Change [*]	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN79:	Percenta	age of st	udents v	who wat	ched te	levision	3 or mo	ore hour	s per da	y (on a	n averag	ge schoo	ol day)				
									42.4	42.3	32.1	27.3	20.2	17.9	Decreased, 2009-2018	No quadratic change	No change
(countin	ig time s	age of st spent on book, or	things s	uch as 2	Xbox, P	layStati	on, an il	Pad or o	ther tab	let, a sr	nartpho	ne, texti	ng, Ŷou	Tube,			
									22.7	38.2	36.8	40.1	38.5	37.7	Increased, 2009-2018	Increased, 2009-2014 No change, 2014-2018	No change
	Percenta	age of st			nded ph	nysical e	ducatio	n (PE) c	classes of	on 1 or i	more da	ys (in a	n averag	je			1
	hen they	were ir	school)													

Maryland High School Survey

Health Risk Behavior and Percentages												Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]	
1991 1993 199	5 1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
NDLYPE: Percent			io attenc	led phys	ical edu	cation (PE) cla	sses on	all 5 da	ys (in ar	averag	e			
eek when they were	e in schoo	1)					16.0	18.9	17.4	16.4	17.3	17.0	No linear change	No quadratic change	No change

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Hispanic Other				H	ealth Ri	isk Beha	avior an	nd Perce	entages	1					Linear Change [*]	Quadratic Change*	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	5 2018	-		
QN86: 1 during th						st (for a	check-u	ıp, exan	n, teeth	cleanin	g, or oth	ner denta	al work 72.4	71.5	No linear change	Not available [§]	No change
QNNOE work)	NT: P	ercentag	e of stu	dents w	ho neve	r saw a d	lentist (for a ch	eck-up,	exam,	teeth cle	aning, c	or other	dental			
												2.9	3.4	3.7	No linear change	Not available	No change
QN87: 1	Percenta	age of st	udents	who had	ever be	en told	by a doc	ctor or n	urse the	at they l	nad asth	ma		·			
									27.1	25.1	27.6	27.2	26.7	26.7	No linear change	No quadratic change	No change

Maryland High School Survey

Trend Analysis Report

te-Add	ed			Н	ealth Ri	sk Beh	avior ar	nd Perc	entages	1					Linear Change [*]	Quadratic Change [*]	Change fron 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN90:	Percenta	age of st	tudents	who are	transge	nder			;	:			4.2	2.0	Decreased, 2016-2018	Not available [§]	Decreased
	Doroont	and of st		1 11	1	11 1	1 '1		(20.1				
	he surve								ig (on a	t least I	day du	ring the	30 days 29.3	28.5	No linear change	Not available	No chang
		y, amor	ng studer	nts who	drove a	car or o	other veh	hicle)					-		No linear change	Not available	No change
before t	he surve	y, amor	ng studer	nts who	drove a	car or o	other veh	hicle)					-		No linear change Decreased, 2009-2018	Not available No change, 2009-2013 Decreased, 2013-2018	No chang Decreased
QN94:	he surve	age of stage	tudents v	nts who who smo	drove a oked a v	vhole ci	garette t	before a them ci	ge 13 y 12.1 garettes	ears (fo 11.8	r the firs 13.0	st time) 10.1	29.3 9.7	28.5		No change, 2009-2013	

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

[§]Not enough years of data to calculate.

Maryland High School Survey

Trend Analysis Report

lispanic ite-Added	d																
	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		
QN98: Pe day during						bacco in	a hooka	ıh, narg	hile, or	other ty	pe of wa	terpipe	(on at l	east 1			
													7.8	4.2	Decreased, 2016-2018	Not available [§]	Decreased
QN99: Pe vapor pro											flavor v	vith an e	lectron	ic			
												92.8	93.5	95.5	No linear change	Not available	No change
QN101: I pil, or TH			students	s who ha	ive ever	used an	electro	nic vapo	or produ	ict to sm	ioke ma	rijuana,	THC o	r hash			
													10.0	13.1	Increased, 2016-2018	Not available	Increased
QN102: I little cigar				who th	ink they	/ definite	ely or pr	obably	will sm	oke a ci	garette,	cigar, ci	garillo,	or			
													19.2	15.3	Decreased, 2016-2018	Not available	Decreased

Maryland High School Survey

Trend Analysis Report

lispanic ite-Addo	ed			н	ealth Ri	isk Beha	avior ar	d Perc	entages						Linear Change*	Quadratic Change*	Change from
				11		ISK Den	avior un		entuges						Linear Change	Quadrane Change	2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	8		
QN103: flavored survey)																	
											14.5	12.8	7.9	4.1	Decreased, 2013-2018	Not available [§]	Decreased
QN104: the surv		tage of	students	who tri	ed or us	sed toba	cco proc	lucts for	r the firs	st time (during t	he 12 m	onths b	efore			
												12.0	8.2	4.3	Decreased, 2014-2018	Not available	Decreased
						ly quit us lucts dur						2 month	s before	e the			
											47.7	45.6	45.9	16.4	Decreased, 2013-2018	Not available	Decreased
QN106:	Percen	tage of	students	who liv	ve with s	someone	e who no	ow smol	kes ciga	rettes o	r cigars						

Maryland High School Survey

Trend Analysis Report

lispanic ite-Add																	
	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		
QN107: allowed											s that sr	noking	is not				
													83.4	85.9	No linear change	Not available [§]	Increased
QN108: during t					ere in th	ne same i	room wi	ith some	eone wh	o was si	moking	(on at l	east one	e day			
8				, ,									20.3	18.7	No linear change	Not available	No change
QN110: school y		tage of	students	who we	ere taug	ht in the	eir classe	es about	the dan	gers of	tobacco	use (dı	uring the	e last			
											70.5	61.5	58.7	58.0	Decreased, 2013-2018	Not available	No change
QN117:	Percen	tage of	students	who sa	y defini	itely yes	or prob	ably yes	s that yo	oung peo	ople who	smoke	e have n	nore			
friends																	

Maryland High School 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	3		
QN118: Percer	ntage of	students	who sa	y defini	tely yes	or proba	ably yes	that sm	noking r	nakes y	oung pe	eople lo	ok			
cool or fit in										29.3	25.3	24.9	24.1	Decreased, 2013-2018	Not available [§]	No change