Maryland High School Survey

Montgomery County

Trend Analysis Report

Total Injury and Violence

				H	ealth Ri	isk Beha	avior ar	nd Perco	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN9: P or more		_					ho had l	been dri	nking al	lcohol (i	in a car 19.2	or other 15.6	vehicle	e, one 10.0	Decreased, 2013-2018	Not available [§]	No change
QN10: times du days bet	uring the	e 30 day	s before												Decreased, 2013-2018	Not available	No change

Maryland High School Survey

Montgomery County

Trend Analysis Report

Total Injury and Violence

				Н	ealth Ri	isk Beha	avior ar	nd Perce	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN11: the 30 d survey)		U						0			· ·		-	0			
-											31.3	25.0	26.5	23.1	Decreased, 2013-2018	Not available [§]	No change
QN13: day duri						eapon o	n schoo	l proper	ty (such	as a gu	n, knife	e, or clu	b, on at	least 1			
											3.9	2.6	5.0	4.0	No linear change	Not available	No change
QN14: or for a													y for hu	nting			
													3.1	2.3	No linear change	Not available	No change

Maryland High School Survey

Montgomery County

Trend Analysis Report

Total		
Injury	and	Violence

				Н	ealth R	isk Beha	avior an	nd Perc	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QN16: knife, or										on scho	ol prop	erty (suc	ch as a g	gun,			
											8.1	6.5	5.5	4.6	Decreased, 2013-2018	Not available [§]	No change
QN18: 1 months				who we	re in a p	hysical f	fight on	school	property	(one o	r more	times du	ring the	e 12			
											11.4	8.9	9.5	9.1	No linear change	Not available	No change
QN22: someone with an went out	e they v object (vere dat or weap	ing or g on] one	oing out or more	with [co times do	ounting suring the	such thin 2 12 mor	ngs as b nths bef	eing hit	, slamm	ed into	someth	ing, or i	njured			
											8.7	9.5	6.3	9.2	No linear change	Not available	No change

Maryland High School Survey

Montgomery County

Trend Analysis Report

Total		
Injury	and	Violence

				H	ealth Ri	isk Beha	avior ar	nd Perco	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN23: 1	Percenta	age of s	tudents	who we	re bullie	d on sch	nool pro	perty (e	ver duri	ng the 1	2 mont	hs befor	e the su	rvey)			
											18.9	17.5	16.3	14.3	Decreased, 2013-2018	Not available [§]	No change
QN24: 1 Faceboo											d throug	,h textir	g, Insta	gram,			
											14.1	14.4	13.6	11.7	No linear change	Not available	No change
QN25: 1 stopped											eks in a	row so	that the	у			
											26.9	27.5	28.5	31.5	Increased, 2013-2018	Not available	No change

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Montgomery County

Trend Analysis Report

Total Injury and Violence

				H	ealth Ri	isk Beh	avior aı	nd Perce	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN26: survey)	Percenta	age of s	tudents v	who seri	iously co	onsidere	d attem	pting su	icide (e	ver duri	C		hs befor 15.6		No linear change	Not available [§]	No change
	Percenta he surve		udents	who ma	de a pla	n about	how the	y would	l attemp	ot suicid		-	2 months 12.5	5 13.8	No linear change	Not available	No change

Maryland High School Survey

Montgomery County

Trend Analysis Report

Total	
Tobacco Use	

				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	5 2018	8		
QN32: I survey)	Percenta	age of st	tudents	who cur	rently si	noked c	igarettes	s (on at	least 1 d	day duri	ing the	30 days	before	the			
											8.5	6.0	5.5	3.7	Decreased, 2013-2018	Not available [§]	No change
QNFRC days befo			of stud	ents who	o curren	tly smol	ked ciga	rettes fr	equentl	y (on 20) or mo	re days	during	the 30			
											1.6	1.5	0.9	0.6	Decreased, 2013-2018	Not available	No change
QNDAY before th			ge of st	udents v	who curr	ently sm	noked ci	garettes	daily (on all 3	0 days (during t	he 30 da	ays			
		•									1.0	1.0	0.8	0.5	Decreased, 2013-2018	Not available	No change
QN34: I vape pip eGo, and	es, vapi	ing pens															
												34.8	30.3	35.3	No linear change	Not available	No change

Maryland High School Survey

Montgomery County

Trend Analysis Report

Total Tobacco Use

	Health Risk Behavior and Percentages														Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	8		
QN35: e-pipes, Plus, eG	vape pi	pes, vap	ing pens	s, e-hool	kahs, an	d hooka	h pens [such as	blu, NJ								
												17.0	8.8	18.7	No linear change	Not available [§]	Increased
	VP: Pe he 30 da				o curren	itly used	lelectro	nic vapo	or produ	icts freq	uently (on 20 o	or more	days			
												1.5	0.9	3.6	Increased, 2014-2018	Not available	Increased
	YEVP: 1 ays befo			udents v	who curr	ently us	ed elect	ronic va	apor pro	ducts da	aily (on	all 30 c	lays du	ring			
												1.1	0.6	2.2	Increased, 2014-2018	Not available	Increased
	: Perceing the 3					smoked	cigarett	tes or us	ed elec	tronic v	apor pro	ducts ((on at le	east 1			
												19.7	12.3	20.2	No linear change	Not available	Increased

Maryland High School Survey

Montgomery County

Trend Analysis Report

Total	
Tobacco	Use

				H	ealth Ri	isk Beha	avior an			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, si	permarl	ket, disc	their ow count sto ctronic v	re, gas s	tation, o	or vape	store, di	uring the	e 30 da <u>y</u>					
													11.0	8.7	No linear change	Not available [§]	No change
	able toba	icco pro	ducts [s	uch as C	Copenha	sed smo gen, Gri days bef	zzly, Sk	oal, or (nic			
	iouucis,																
	ioducis,												3.5	3.1	No linear change	Not available	No change
vapor pr					rently si	moked c	igars (ci	gars, ci	garillos,	or little	e cigars,	on at le			No linear change	Not available	No change

Maryland High School Survey

Montgomery County

Trend Analysis Report

Total Tobacco Use

	Health Risk Behavior and Percentages														Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016											2018	8				
QNTB2 before th		U	student	s who c	urrently	smoked	l cigaret	tes or ci	gars (or	n at least	t 1 day (during t	he 30 da	ays			
											13.8	10.1	8.6	5.3	Decreased, 2013-2018	Not available [§]	Decreased

Maryland High School Survey

Montgomery County

Trend Analysis Report

Total Alcohol and Other Drug Use

				H	ealth Ri	sk Beha	avior ar	d Perce	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN40:	Percent	age of s	tudents	who had	l their fi	rst drink	of alco	hol befo	ore age 1	3 years	(other	than a f	ew sips)			
											16.0	15.0	12.6	12.0	Decreased, 2013-2018	Not available [§]	No change
QN41: the 30 d				who cur	rently di	rank alco	ohol (at	least on	e drink	of alcoh	nol, on	at least	1 day di	uring	· · · · · ·		
	2		2 /								28.9	24.7	23.6	20.4	Decreased, 2013-2018	Not available	No change
QN42: 1 female s day duri	students	or five	or more	drinks o	of alcoho												
													11.2	9.3	No linear change	Not available	No change

Maryland High School Survey

Montgomery County

Trend Analysis Report

Total Alcohol a	und Oth	er Dru	g Use	н	ealth R	isk Beh	avior ar	nd Perc	entages						Linear Change [*]	Quadratic Change*	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN45:	Percent	age of s	tudents	who eve	er used r	narijuan	a (one o	r more	times dı	iring the	eir life)						
											32.8	28.4	27.0	27.6	Decreased, 2013-2018	Not available [§]	No change
QN46:	Percent	age of s	tudents	who trie	d mariji	uana for	the first	time be	efore ag	e 13 yea	ars						
		0			, and the second s					j	6.7	5.3	4.1	3.8	Decreased, 2013-2018	Not available	No change
QN47:	Percent	age of s	tudents	who cur	rently u	sed mar	ijuana (o	one or n	nore tim	es durir	ng the 3) days b	efore th	e			
survey)											18.8	16.8	16.0	15.9	No linear change	Not available	No change
QN48:	Percent	age of s	tudents	who eve	er used s	ynthetic	marijua	una (one	e or mor	e times	during	heir life	e)				
												6.0	4.2	4.7	No linear change	Not available	No change

Maryland High School Survey

Montgomery County

Trend Analysis Report

Total Alcohol and Other Drug Use

				H	ealth Ri	isk Beha	avior an	d Perce	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	201	8		
QN49: 1 different Hydroco	ly than	how a d	loctor to	ld them	to use i	t (count	ing drug	s such a									
													10.3	11.4	No linear change	Not available [§]	No change
QN50: I one or m					er used c	cocaine (any forr	n of coc	aine, in	cluding	powde	r, crack	, or free	base,			
											6.2	4.5	3.9	3.2	Decreased, 2013-2018	Not available	No change
QN52: I times du			tudents	who eve	er used h	eroin (a	lso calle	d "smac	ck," "jur	1k," or "	China	White,"	one or	more			,
											3.9	3.1	2.6	2.0	Decreased, 2013-2018	Not available	No change
QN53: I "ice," or							hetamin	es (also	called	"speed,'	' "crysta	al meth	" "cran	k,"			,
											4.5	3.2	2.6	1.8	Decreased, 2013-2018	Not available	No change

Maryland High School Survey

Montgomery County

Trend Analysis Report

Total Alcohol and Other Drug Use

				Н	ealth Ri	isk Beh	avior ar	nd Perce	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN54:	Percent	age of s	students	who eve	er used e	cstasy (also call	ed "ME	9MA," c	one or m	ore tim	es durii	g their	life)			
											7.6	5.5	3.8	3.2	Decreased, 2013-2018	Not available [§]	No change
QN56: body, or						ed any il	legal dr	ug (usec	l a need	le to inj	ect any	illegal	lrug int	o their	,i		
											3.1	2.9	2.4	2.8	No linear change	Not available	No change
QN57: months				who we	re offere	ed, sold,	or give	n an ille	gal drug	on sch	ool proj	perty (d	uring th	e 12			
											32.4	28.1	23.9	24.2	Decreased, 2013-2018	Not available	No change

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Montgomery County

Trend Analysis Report

Total Sexual B	ehavior	°S		н	ealth R	isk Beh	avior aı	nd Perc	entages	i					Linear Change [*]	Quadratic Change*	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN58:	Percent	age of s	tudents	who eve	er had se	exual int	ercourse	2		;	27.7	23.2	22.5	22.0	Decreased, 2013-2018	Not available [§]	No change
QN59:	Percent	age of s	tudents	who had	l sexual	intercou	urse for	the first	time be	fore age	e 13 yea 4.1	ars 3.1	2.4	1.7	Decreased, 2013-2018	Not available	No change
QN60:	Percent	age of s	tudents	who hac	l sexual	intercou	urse with	n four oi	r more p	persons	during t 8.0	their life 5.6	4.6	4.9	Decreased, 2013-2018	Not available	No change
QN61: during t					re curre	ntly sexu	ually act	ive (hac	l sexual	interco	urse wi 19.2	th at lea 16.1	st one po 15.0	erson, 15.4	Decreased, 2013-2018	Not available	No change

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Montgomery County

Trend Analysis Report

Total Sexual Behaviors

				Н	ealth Ri	isk Beha	avior ar	d Perce	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN62: who we					nk alcoł	nol or us	ed drug	s before	last sex	tual inte	ercourse	(amon	g studer	nts	1		
		2	2	,							26.8	27.0	21.4	21.6	No linear change	Not available [§]	No change
QN63: currently				who use	d a cond	lom dur	ing last	sexual i	ntercour	rse (amo	-				No linear chorac	Not available	Increased
											67.2	64.7	59.4	69.1	No linear change	Not available	Increased
QN64: among s							ills befo	ore last s	sexual in	ntercou	rse (to p	revent	pregnan	cy,			
											17.5	13.2	17.1	23.8	No linear change	Not available	No change
QNIUD or Nexp active)																	
											1.6	1.2	6.1	4.2	Increased, 2013-2018	Not available	No change

Maryland High School Survey

Montgomery County

Trend Analysis Report

Total
Sexual Behaviors

				He	ealth Ri	sk Beha	ivior 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	 i		
control	ring (su	Percenta ch as Nu lly active	ivaRing)														
											1.4	2.8	2.0	0.7	No linear change	Not available [§]	No change
implant control	(such a ring (su	Percenta s Implan ch as Nu lly active	ion or N ivaRing)	explano	n); or a	shot (su	ch as De	epo-Pro	vera), pa	atch (suc nancy, a	ch as Or mong s	thoEvr	a), or b		Increased, 2013-2018	Not available	No change
pills; an Depo-P	IUD (s rovera),	Percenta uch as M patch (s mancy, a	Airena or such as C	r ParaGa DrthoEvi	ard) or in ra), or b	mplant (irth cont	such as trol ring	Impland (such a	on or Ne s Nuval	explanor	n); or a	shot (sı	ich as				

Maryland High School Survey

Montgomery County

Trend Analysis Report

Total Sexual Behaviors

				H	ealth Ri	isk Beha	avior ar	nd Perce	entages						Linear Change [*]	Quadratic Change*	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QNBCN intercou			0				2		prevent	pregnar	ncy duri	ng last s	exual				
											14.3	18.0	17.1	16.7	No linear change	Not available [§]	No change
QN84: done if t		U		who wei	e ever t	ested fo	r human	ı immun	odeficio	ency vir	us (HIV	') (not c	ounting	tests			
												10.6	12.0	10.3	No linear change	Not available	No change

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Montgomery County

Trend Analysis Report

Total Weight Management and Dietary Behaviors Health Risk Behavior and Percentages Linear Change* Quadratic Change* **Change from** 2016-2018 * 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QNOWT: Percentage of students who were overweight (>= 85th percentile but <95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts)[§] 12.9 13.5 12.3 13.8 No linear change Not available[¶] No change ONOBESE: Percentage of students who had obesity (>= 95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts)§ 7.1 7.5 8.2 8.6 No linear change Not available No change QN67: Percentage of students who described themselves as slightly or very overweight 24.4 25.4 25.6 25.2 No linear change Not available No change QN69: Percentage of students who did not drink fruit juice (100% fruit juices one or more times during the 7 days before the survey) 21.9 26.6 31.7 32.6 Increased, 2013-2018 Not available No change

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

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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Trend Analysis Report

Total Weight Management and Dietary Behaviors Health Risk Behavior and Percentages Linear Change^{*} Quadratic Change* **Change from** 2016-2018 * 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QN70: Percentage of students who did not eat fruit (one or more times during the 7 days before the survey) 11.9 10.8 11.6 9.8 No linear change Not available§ No change ONFR0: Percentage of students who did not eat fruit or drink 100% fruit juices (such as orange juice, apple juice, or grape juice, during the 7 days before the survey) 4.9 5.7 6.1 5.6 No linear change Not available No change QNFR1: Percentage of students who ate fruit or drank 100% fruit juices one or more times per day (such as orange juice, apple juice, or grape juice, during the 7 days before the survey) 68.8 64.8 61.3 60.7 Decreased, 2013-2018 Not available No change

Maryland High School Survey

Montgomery County

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		
	: Percer juice, ap									or more	times p	er day (such as				
											38.0	34.8	31.7	32.1	Decreased, 2013-2018	Not available [§]	No change
QN71:	Percenta	ige of st	udents	who did	not eat	green sa	alad (on	e or mo	re times	during	the 7 da	ays befo	ore the s	urvey)			
											31.3	35.6	37.3	36.8	Increased, 2013-2018	Not available	No change
QN72:	Percenta	ige of st	udents	who did	not eat	potatoes	s (one o	r more t	imes du	ring the	7 days	before	the surv	ey)			
											34.4	38.8	37.8	38.3	No linear change	Not available	No change
0172	Percenta	ige of st	udents	who did	not eat	carrots	(one or	more tin	nes duri	ng the 7	7 days b	efore th	e surve	y)			
QN/3:																	

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Trend Analysis Report

Total Weight Management and Dietary Behaviors

Health Risk Behavior and Percentages	Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016	5 2018		
QN74: Percentage of students who did not eat other vegetables (one or more times during the 7 days before survey)	the		
13.7 15.6 16.0	13.9 No linear change	Not available [§]	No change
QNVEG0: Percentage of students who did not eat vegetables (green salad, potatoes [excluding French fries potatoes, or potato chips], carrots, or other vegetables, during the 7 days before the survey)	, fried		
5.3 6.8 7.2	6.8 No linear change	Not available	No change
QNVEG1: Percentage of students who ate vegetables one or more times per day (green salad, potatoes [exc French fries, fried potatoes, or potato chips], carrots, or other vegetables, during the 7 days before the survey			
69.3 64.7 65.8	65.3 No linear change	Not available	No change

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Trend Analysis Report

Total Weight Management and Dietary Behaviors

				H	ealth Ri	sk Beha	avior an				Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]				
1991 1	.993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	5 2018	3		
QNVEG2: French frie																	
											34.1	31.4	30.6	29.7	No linear change	Not available [§]	No change
QNVEG3: [excluding survey)														e the			
											17.0	16.4	14.6	14.9	No linear change	Not available	No change
QN75: Per Sprite, not										or pop	(such a	ıs Coke	, Pepsi,	or			
											33.0	34.2	39.2	40.0	Increased, 2013-2018	Not available	No change

Maryland High School Survey

Montgomery County

Trend Analysis Report

Total
Weight Management and Dietary Behaviors

	Health Risk Behavior and Percentages														Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991 199	93	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
NSODA1: such as Cok		0				,	,	0						у			
		1, , , ,	~ F ,		0			1	U	2	12.1	10.7	8.3	7.2	Decreased, 2013-2018	Not available [§]	No chang

Maryland High School Survey

Montgomery County

Trend Analysis Report

Total Physical Activity

				H	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	5 2018	3		
QN78: kind of j days bef	physical	activity	that in														
J											41.6	40.2	38.3	37.7	No linear change	Not available [§]	No change
QNPA0 1 day (ir during th	n any ki	nd of ph	ysical a	ctivity t													
											16.5	17.6	20.7	20.2	Increased, 2013-2018	Not available	No change
QNPA7 kind of J days bef	physical	activity															
											21.6	19.9	18.0	19.4	No linear change	Not available	No change

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Montgomery County

Trend Analysis Report

Total	
Physical Activity	

	Health Risk Behavior and Percentages 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2016 201														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: 1	Percenta	age of s	tudents	who wa	tched te	levision	3 or mo	re hours	s per da	/ (on ar	n averag	e schoo	l day)				
											23.7	18.5	15.6	15.0	Decreased, 2013-2018	Not available [§]	No change
QN80: 1 (counting Instagram	g time s	pent on	things	such as	Xbox, P	layStatio	on, an iF	ad or o	ther tabl	et, a sn	nartphor	ne, texti	ng, Ŷou	Tube,			
											34.3	36.2	35.3	39.1	Increased, 2013-2018	Not available	No change
QN81: 1 week wh					ended pl	nysical e	ducation	n (PE) c	lasses o	n 1 or r	nore day	ys (in ai	n averag	je			
											43.2	42.3	39.0	39.3	No linear change	Not available	No change

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

[§]Not enough years of data to calculate.

Maryland High School Survey

Montgomery County

Trend Analysis Report

Total Physical Activity

				H	ealth Ri	isk Beh	avior ar	nd Perc		Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]					
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QNDLY week wi					io attend	led phys	ical edu	cation ((PE) cla	sses on	all 5 da <u>y</u> 27.3	ys (in ai 30.4	n averag 31.0	e 29.8	No linear change	Not available [§]	No change
QN83: times du						ussion fi	om play	ying a sj	port or b	being ph	ysically	active	(one or 1 13.9	more 13.0	No linear change	Not available	No change

Maryland High School Survey

Montgomery County

Trend Analysis Report

Other	Health Risk Behavior and Percentages														Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN86: 1 during th						st (for a	check-u	up, exan	n, teeth	cleaning	g, or oth	er denta	l work,				
during u	ne 12 ni	onuis oc	lione the	survey	,							80.6	81.5	81.6	No linear change	Not available [§]	No change
QNNOL	ONT: Pe	ercentag	ge of stu	dents wl	ho neve	r saw a	dentist (for a ch	eck-up,	exam, t	eeth cle	aning, c	r other	dental			
	ONT: Pe	ercentag	ge of stu	dents wl	ho neve	r saw a (dentist (for a ch	eck-up,	exam, t	eeth cle	aning, c	r other	dental 2.5	No linear change	Not available	No change
QNNOE work)	DNT: Pe	ercentag	e of stu	dents wl	ho never	r saw a o	dentist (for a ch	eck-up,	exam, t	eeth cle	-			No linear change	Not available	No change
												1.9			No linear change	Not available	No change

Maryland High School Survey

Montgomery County

Trend Analysis Report

Total Site-Add	ed			н	ealth R	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		
QN90:	Percent	age of s	tudents	who are	transge	ender		<u>.</u>		-	-		2.7	0.9	Decreased, 2016-2018	Not available [§]	Decreased
QN93: before th									ig (on at	t least 1	day dur	ing the :	30 days 26.7	26.1	No linear change	Not available	No change
QN94:	Percent	age of s	tudents	who sm	oked a v	whole ci	garette l	before a	ge 13 ye	ears (for	the firs 6.1	t time) 5.1	5.2	2.5	Decreased, 2013-2018	Not available	Decreased
QN98: day duri						bacco in	a hooka	ıh, nargi	hile, or	other ty	pe of wa	aterpipe	(on at lo 4.1	east 1 2.8	Decreased, 2016-2018	Not available	No change

Maryland High School Survey

Montgomery County

Trend Analysis Report

Total
Site-Added

				H	ealth Ri	sk Beha	avior an	nd Perce	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
					ally use ve ever t						flavor v	with an	electror	ic			
												95.0	95.6	95.1	No linear change	Not available [§]	No change
	Percen HC wax		students	who ha	ive ever	used an	electron	nic vapo	or produ	ct to sm	oke ma	rijuana,	THC o	r hash			
11, OF 1													7.6	14.7	Increased, 2016-2018	Not available	Increased
	Percen ar in the			who th	ink they	definite	ely or pr	obably	will smo	oke a ciş	garette,	cigar, c	igarillo	or			
													12.6	10.3	No linear change	Not available	No change
					ed flavo r both, n												

Maryland High School Survey

Montgomery County

Trend Analysis Report

Total	
Site-Added	

				He	ealth Ri	isk Beha	avior an	nd Perce	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN104: the surve		tage of	students	who tri	ed or us	ed toba	cco prod	lucts for	the firs	t time (c	luring t	the 12 n	nonths b	efore			
												9.2	6.3	5.7	Decreased, 2014-2018	Not available [§]	No change
QN105: survey, a												2 month	is before	e the			
											46.3	47.2	45.4	14.1	Decreased, 2013-2018	Not available	Decreased
QN106:	Percen	tage of	students	who liv	ve with s	someone	e who no	ow smol	ces cigai	rettes or	cigars						
											26.3	25.8	19.5	16.8	Decreased, 2013-2018	Not available	No change
QN107: allowed a										home is	s that s	moking	is not				
													85.4	88.8	Increased, 2016-2018	Not available	

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Trend Analysis Report

Total
Site-Added

				Н	ealth Ri	sk Beha	avior ar	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	_		
QN108: during tl		0			ere in th	e same 1	room wi	th some	one wh	o was si	moking	(on at l	east one	e day			
													16.8	16.3	No linear change	Not available [§]	No change
		ntage of	students	who we	ere taug	ht in the	ir classe	s about	the dan	gers of	tobacco	use (du	iring the	e last			
school y	ear)										72.1	64.8	61.5	61.3	Decreased, 2013-2018	Not available	No change
QN117: Triends	Percer	ntage of	students	who sa	y defini	tely yes	or prob	ably yes	that yo	ung peo	ople who	o smoke	e have n	nore			
											35.4	31.8	31.8	34.3	No linear change	Not available	No change
QN118: cool or f		ntage of	students	who sa	y defini	tely yes	or prob	ably yes	that sm	oking n	nakes y	oung pe	ople lo	ok			
											22.9	18.6	18.5	20.9	No linear change	Not available	No change

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

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Trend Analysis Report

Total Site-Added

				He	ealth Ri	isk Beha	avior ar	nd Perce	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN119: parents								eking h	elp fron	n one or	more a	dults be	sides th	eir			
											73.9	76.9	76.1	76.5	No linear change	Not available [§]	No change

Maryland High School Survey

Montgomery County

Trend Analysis Report

Male		
Injury	and	Violence

			H	ealth Ri	isk Beha	avior ar	d Perce	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 [†]
1991 1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN9: Percentage or more times due						ho had l	been drii	nking al	cohol (i	in a car	or othe	vehicle	e, one			
										20.1	16.0	11.1	10.7	Decreased, 2013-2018	Not available [§]	No change
QN10: Percentag times during the 3 days before the su	30 days							2		0						
										7.6	7.2	4.3	4.6	No linear change	Not available	No change
QN11: Percentag the 30 days befor survey)																,
										33.3	27.8	27.8	27.1	No linear change	Not available	No change

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

Maryland High School Survey

Montgomery County

Trend Analysis Report

Male Injury and Violence

				Н	ealth R	isk Beh	avior aı	nd Perc	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991 1993	3 19	95	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	8		
QN13: Percer day during the						eapon o	n schoo	l proper	ty (such	i as a gu	ın, knife	e, or clul	o, on at	least 1			
											5.4	3.8	6.0	5.1	No linear change	Not available [§]	No change
QN14: Percer or for a sport s													for hu	nting			
													4.2	3.0	No linear change	Not available	No change
QN16: Percer knife, or club,										on scho	ol prope	erty (suc	ch as a g	gun,			
											10.3	8.0	6.9	5.4	Decreased, 2013-2018	Not available	No change

Maryland High School Survey

Montgomery County

Trend Analysis Report

Male **Injury and Violence**

				He	ealth Ri	sk Beha	ivior 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	_		
QN18: months				who wei	e in a pl	nysical f	ight on	school p	property	(one of	r more t	times du	ring the	e 12			
											14.7	12.2	12.7	12.8	No linear change	Not available [§]	No change
QN22: someone with an	e they w object o	ere dati	ng or go on] one o	oing out or more	with [co times du	ounting s ring the	such thir 12 mor	igs as bo ths befo	eing hit,	slamm	ed into	someth	ing, or i	njured			
went ou	e with se			ne 12 m	ontino ot		. sai (e)	, ,									
went ou				ne 12 m							8.4	7.8	6.6	8.9	No linear change	Not available	No change
QN23:									ver durii	ng the 1					No linear change	Not available	No change

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

[§]Not enough years of data to calculate.

Maryland High School Survey

Montgomery County

Trend Analysis Report

Male	
Injury and	l Violence

				Н	ealth Ri	sk Beha	avior an	d Perco	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
	Percenta										d throug	gh textii	ng, Insta	ıgram,			
											11.0	11.5	10.8	9.9	No linear change	Not available [§]	No change
	Percent				sad or h	opeless	(almost	t every o	lay for :	>=2 we	eks in a	row so	that the	ev	· · ·		
siopped	uong s	ome usi	al activ	ities, ev	er during	g the 12	months				19.7	19.3	19.9	-	No linear change	Not available	No change
	Percent					-		before	the surv	ey)	19.7	19.3	19.9	22.5	No linear change Increased, 2013-2018	Not available Not available	No change No change
QN26: survey) QN27:	Percent	age of s	tudents	who ser	iously co	onsidere	d attemp	before pting su	the surv	ey) ver duri	19.7 ng the 9.7	19.3 12 mon 11.1	19.9 hs befo 11.4	22.5 re the 12.1			

Maryland High School Survey

Montgomery County

Trend Analysis Report

Male	
Tobacco	Use

				He	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	5 2018	3		
QN32: I survey)	Percent	age of s	tudents	who curi	rently sr	noked c	igarettes	s (on at	least 1 o	day dur	ing the	30 days	before	the			
survey)											8.9	6.6	6.6	4.7	Decreased, 2013-2018	Not available [§]	No change
QNFRC days bef				ents who	o curren	tly smol	ked ciga	rettes fr	equentl	y (on 2	0 or mo	ore days	during	the 30			
days ber	ore the	survey)									1.9	1.7	0.9	0.8	No linear change	Not available	No change
QNDAY before th			ige of st	udents w	vho curr	ently sm	noked ci	garettes	daily (on all 3	0 days	during t	he 30 d	ays			
before th	ie sui ve	<i>y</i>)									1.2	1.3	0.8	0.4	No linear change	Not available	No change
QN34: I vape pip eGo, and	es, vap	ing pens															
	-											36.0	31.5	36.2	No linear change	Not available	No change

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Trend Analysis Report

Male Tobacco Use

				He	ealth Ri	sk Beha	vior an	d Perce	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
e-pipes,	vape pi	pes, vap	ing pens	s, e-hool	rently us kahs, an luring th	d hooka	h pens [such as	blu, NJ								
												17.8	9.4	18.7	No linear change	Not available [§]	Increased
-	VP: Per he 30 da	0			o curren	tly used	electro	nic vapo	or produ	cts freq	uently (on 20 o	r more	days			
												1.9	1.1	4.5	Increased, 2014-2018	Not available	Increased
	(EVP: 1 ays befo			udents v	who curr	ently us	ed elect	ronic va	por pro	ducts da	aily (on	all 30 c	lays du	ring			
												1.6	0.9	2.7	No linear change	Not available	No change
	: Perceing the 3				urrently y)	smoked	cigarett	es or us	ed elect	ronic va	apor pro	oducts (on at le	east 1			
												20.6	13.7	20.6	No linear change	Not available	Increased

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Trend Analysis Report

Male	
Tobacco	Use

	Health Risk Behavior and Percentages											Linear Change [*]	Quadratic Change [*]	Change from 2016-2018			
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
such as	a conve	enience	store, su	ıpermarl	ket, disc	their ow ount stor	re, gas s	tation,	or vape	store, d	uring th	e 30 day					
													12.5	9.1	No linear change	Not available [§]	No change
issolva	ble toba	acco pro	oducts [s	uch as C	Copenha	sed smok gen, Griz days befo	zzly, Sk	oal, or	Camel S				ius, or electro	nic			No change
issolva	ble toba	acco pro	oducts [s	uch as C	Copenha	gen, Griz	zzly, Sk	oal, or	Camel S				nus, or	;	No linear change	Not available [®]	No change
issolva apor pr N38:	ble toba oducts,	age of s	oducts [s east 1 da	uch as C y during who cur	Copenha the 30	gen, Griz	zzly, Sk ore the s	oal, or (survey)	Camel S	Snus], n	ot count	ing any	nus, or electro 4.9	nic 4.4			

 *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.

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Trend Analysis Report

Male Tobacco Use

		Н	ealth Ri	sk Beha	avior an	d Perce	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
tage of	students	s who cu	urrently	smoked	cigaret	es or ci	gars (on	at least	t 1 day o	during t	he 30 da	ys			
[]	tage of	tage of students	1995 1997 1999 tage of students who cu	1995 1997 1999 2001 tage of students who currently	1995 1997 1999 2001 2003 tage of students who currently smoked	1995 1997 1999 2001 2003 2005 tage of students who currently smoked cigarett	1995 1997 1999 2001 2003 2005 2007 tage of students who currently smoked cigarettes or ci	1995 1997 1999 2001 2003 2005 2007 2009 tage of students who currently smoked cigarettes or cigars (on	tage of students who currently smoked cigarettes or cigars (on at least	1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 tage of students who currently smoked cigarettes or cigars (on at least 1 day of students) 1 <td>1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 tage of students who currently smoked cigarettes or cigars (on at least 1 day during t</td> <td>1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 tage of students who currently smoked cigarettes or cigars (on at least 1 day during the 30 day</td> <td>1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 tage of students who currently smoked cigarettes or cigars (on at least 1 day during the 30 days</td> <td>1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 tage of students who currently smoked cigarettes or cigars (on at least 1 day during the 30 days</td> <td>1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 tage of students who currently smoked cigarettes or cigars (on at least 1 day during the 30 days</td>	1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 tage of students who currently smoked cigarettes or cigars (on at least 1 day during t	1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 tage of students who currently smoked cigarettes or cigars (on at least 1 day during the 30 day	1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 tage of students who currently smoked cigarettes or cigars (on at least 1 day during the 30 days	1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 tage of students who currently smoked cigarettes or cigars (on at least 1 day during the 30 days	1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 tage of students who currently smoked cigarettes or cigars (on at least 1 day during the 30 days

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Trend Analysis Report

Male		
Alcohol and	Other Drug	Use

				Н	ealth Ri	isk Beha	avior ar	d Perce	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN40: I	Percenta	age of s	tudents	who hac	l their fi	rst drink	of alco	hol befo	re age 1	13 years	s (other	than a f	ew sips)			
											16.6	16.1	13.4	13.1	Decreased, 2013-2018	Not available [§]	No change
QN41: I the 30 da				who cur	rently di	rank alco	ohol (at	least on	e drink	of alcol	hol, on a	at least	1 day di	uring			
											25.8	21.8	20.2	17.1	Decreased, 2013-2018	Not available	No change
QN42: I female st day durin	tudents	or five	or more	drinks	of alcoho												
													9.7	7.9	No linear change	Not available	No change

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Trend Analysis Report

Male Alcohol a	and Oth	er Dru	g Use	н	ealth R	isk Beh	avior ar	nd Perc	entages						Linear Change [*]	Quadratic Change*	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN45:	Percent	age of s	tudents	who eve	er used r	narijuan	a (one c	r more	times du	uring the	eir life)						
											34.5	29.5	25.9	25.5	Decreased, 2013-2018	Not available [§]	No change
QN46:	Percent	age of s	tudents	who trie	d marii	uana for	the first	time be	efore ag	e 13 vea	ars				· · · ·		;
		-8									8.4	6.5	5.7	4.2	Decreased, 2013-2018	Not available	No change
QN47:	Percent	age of s	tudents	who cur	rently u	sed mar	ijuana (o	one or n	nore tim	es durir	ng the 3	0 days b	efore th	e			
survey)											20.3	19.1	15.4	15.6	Decreased, 2013-2018	Not available	No change
QN48:	Percent	age of s	tudents	who eve	er used s	synthetic	marijua	ana (one	e or mor	e times	during	their life	e)				
												6.8	5.0	6.0	No linear change	Not available	No change

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Trend Analysis Report

Male			
Alcohol and	Other	Drug	Use

				He	ealth Ri	sk Beha	ivior 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			
ifferen	tly than	how a d	octor to	ld them	r took pi to use it re times	t (counti	ng drugs	s such a									
													10.2	10.3	No linear change	Not available [§]	No change
	Percenta nore tim				r used co	ocaine (a	any forn	n of coc	aine, in	cluding	powde	r, crack	, or free	base,			
											8.0	5.3	5.3	4.5	No linear change	Not available	No change
	Percenta tring the		udents v	who eve	r used he	eroin (al	so calle	d "smac	k," "jur	1k," or "	China '	White,"	one or	more			
											5.4	3.9	3.4	2.9	No linear change	Not available	No change
					r used m ing their		hetamin	es (also	called	"speed,'	' "cryst	al meth	," "cran	k,"	······································		

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Male		
Alcohol and	Other D	rug Use

				Н	ealth R	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		
QN54: Pe	ercenta	ige of s	tudents	who eve	er used e	cstasy (also call	ed "MD)MA," с	one or m	ore tim	es durir	ng their	life)			
											9.8	6.5	4.8	4.4	Decreased, 2013-2018	Not available [§]	No change
QN56: Pe body, one						ed any il	legal dr	ug (usec	l a need	lle to inj	ect any	illegal	lrug int	o their			
											4.0	3.6	3.3	3.8	No linear change	Not available	No change
QN57: Pe months be		0		who we	re offere	ed, sold,	or giver	n an ille	gal drug	g on sch	ool proj	perty (d	uring th	e 12			
											35.5	29.2	24.1	25.8	Decreased, 2013-2018	Not available	No change

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				H	ealth Ri	isk Beh	avior ar	nd Perce	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN58:	Percenta	age of st	tudents	who eve	r had se	exual int	ercourse	;			31.1	25.8	23.4	24.7	No linear change	Not available [§]	No change
QN59:	Percenta	age of si	tudents	who had	l sexual	intercou	Irse for	he first	time be	fore age	e 13 yea 5.9	urs 4.0	3.4	2.6	Decreased, 2013-2018	Not available	No change
QN60:	Percenta	age of st	tudents	who had	l sexual	intercou	irse with	n four oi	more p	ersons	during t 10.3	heir life 7.2	6.1	6.5	Decreased, 2013-2018	Not available	No change
QN61: during t					re curre	ntly sexu	ually act	ive (hac	l sexual	interco	urse wit 20.5	th at leas	st one po 14.4	erson, 16.7	No linear change	Not available	No change

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Trend Analysis Report

Male Sexual Behaviors

				Н	ealth Ri	isk Beha	wior an	d Perce	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	91 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 201																
QN84: done if t				who wer	e ever t	ested for	r human	immun	odeficie	ency vir	us (HIV		C		No linear change	Not available [§]	No change

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Trend Analysis Report

Male Weight Management and Dietary Behaviors Health Risk Behavior and Percentages Linear Change* Quadratic Change* **Change from** 2016-2018 * 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QNOWT: Percentage of students who were overweight (>= 85th percentile but <95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts)[§] 13.9 14.6 11.2 13.9 No linear change Not available[¶] No change ONOBESE: Percentage of students who had obesity (>= 95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts)§ 9.4 9.2 10.2 8.9 No linear change Not available No change QN67: Percentage of students who described themselves as slightly or very overweight 19.9 20.8 21.9 21.1 No linear change Not available No change QN69: Percentage of students who did not drink fruit juice (100% fruit juices one or more times during the 7 days before the survey) 19.2 23.7 28.7 31.5 Increased, 2013-2018 Not available No change

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

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

Montgomery County

Trend Analysis Report

Male Weight Management and Dietary Behaviors Health Risk Behavior and Percentages Linear Change^{*} Quadratic Change* **Change from** 2016-2018 * 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QN70: Percentage of students who did not eat fruit (one or more times during the 7 days before the survey) 13.7 11.7 13.8 11.8 No linear change Not available§ No change ONFR0: Percentage of students who did not eat fruit or drink 100% fruit juices (such as orange juice, apple juice, or grape juice, during the 7 days before the survey) 5.4 6.2 7.3 7.0 No linear change Not available No change QNFR1: Percentage of students who ate fruit or drank 100% fruit juices one or more times per day (such as orange juice, apple juice, or grape juice, during the 7 days before the survey) 69.1 66.4 61.4 61.9 Decreased, 2013-2018 Not available No change

Maryland High School Survey

Montgomery County

Trend Analysis Report

				Н	ealth R	isk Beh	avior aı	nd Perc	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
	: Percer juice, ap									or more	times p	er day (such as				
											39.1	36.4	32.1	34.3	Decreased, 2013-2018	Not available [§]	No change
QN71:	Percenta	age of st	udents	who did	not eat	green sa	alad (on	e or moi	re times	during	the 7 da	ays befo	re the s	urvey)	· · · · · · · · · · · · · · · · · · ·		
											34.4	38.7	41.3	40.3	Increased, 2013-2018	Not available	No change
QN72:	Percenta	age of st	udents	who did	not eat	potatoe	s (one of	r more t	imes du	ring the	7 days	before	the surv	ey)	· · · · ·		
											31.9	37.3	36.3	36.2	No linear change	Not available	No change
0172	Percenta	age of st	udents	who did	not eat	carrots	(one or)	more tin	nes duri	ng the 7	7 days b	efore th	e surve	y)			
QN/3:																	

Maryland High School Survey

Montgomery County

Trend Analysis Report

Male Weight Management and Dietary Behaviors

Health Risk Behavior and Percentages	Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018			
QN74: Percentage of students who did not eat other vegetables (one or more times during the 7 days before the survey)			
15.4 16.1 18.0 15.0	No linear change	Not available [§]	No change
QNVEG0: Percentage of students who did not eat vegetables (green salad, potatoes [excluding French fries, fried potatoes, or potato chips], carrots, or other vegetables, during the 7 days before the survey)			
6.2 7.8 8.9 7.5	No linear change	Not available	No change
QNVEG1: Percentage of students who ate vegetables one or more times per day (green salad, potatoes [excluding French fries, fried potatoes, or potato chips], carrots, or other vegetables, during the 7 days before the survey)			
69.6 66.5 63.9 65.5	No linear change	Not available	No change

Maryland High School Survey

Montgomery County

Trend Analysis Report

Male Weight Management and Dietary Behaviors

			H	ealth Ri	sk Beha	wior 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	3		
QNVEG2: Pe French fries, f																
										33.6	33.0	30.7	29.5	No linear change	Not available [§]	No change
QNVEG3: Pe [excluding Fre survey)													e the			
										16.6	17.4	14.1	15.1	No linear change	Not available	No change
QN75: Percer Sprite, not cou									or pop	(such a	s Coke,	Pepsi,	or	· · · · ·		
										28.2	30.2	35.5	33.6	Increased, 2013-2018	Not available	No change

Maryland High School Survey

Montgomery County

Male
Weight Management and Dietary Behaviors

				Н	ealth Ri	sk Beh	avior aı	nd Perc	entages						Linear Change*	Quadratic Change [*]	Change from 2016-2018 [†]
1991 19	.993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
NSODA1		centage	e of stud	ents wh	o drank	,	,	0						у			
such as Co	oke. P	epsi. or	Sprite.	not cou	nting die	et soda o	or diet p	op. duri	ng the 7	7 davs b	efore th	e survey	7)				
such as Col	oke, P	epsi, or	Sprite,	not cou	nting die	et soda (or diet p	op, duri	ing the 7	7 days b	efore the 15.5	e survey 13.2	⁷⁾ 9.6	9.0	Decreased, 2013-2018	Not available [§]	No change

Maryland High School Survey

Montgomery County

Trend Analysis Report

Male Physical Activity

		He	ealth Ri	sk Beha	vior an	d Perce	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991 1993 19	95 1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2010	5 2018	3		
QN78: Percentage kind of physical act days before the surv	ivity that in														
5	5,								49.4	48.0	45.6	45.9	No linear change	Not available [§]	No change
QNPA0DAY: Perc 1 day (in any kind o during the 7 days be	of physical a	ctivity th													
									13.3	13.7	16.6	16.7	Increased, 2013-2018	Not available	No change
QNPA7DAY: Perc kind of physical act days before the surv	ivity that in														
									28.2	26.5	23.7	25.8	No linear change	Not available	No change

Maryland High School Survey

Montgomery County

Trend Analysis Report

Male	
Physical Activity	

				H	ealth Ri	isk Beha	avior an	d Perc		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		
QN79:	Percenta	age of st	tudents	who wat	tched te	levision	3 or mo	re hour	s per da	y (on ai	n averaş	ge scho	ol day)				
											21.7	18.4	14.8	12.7	Decreased, 2013-2018	Not available [§]	No change
ON80	Percentage of students who watched television 3 or more hours per day (on an average school day) 21.7 18.4 14.8 12. Percentage of students who played video or computer games or used a computer 3 or more hours per day g time spent on things such as Xbox, PlayStation, an iPad or other tablet, a smartphone, texting, YouTube n, Facebook, or other social media, for something that was not school work, on an average school day)														3 · · · · ·		
(countin	ig time s	pent on	things s	such as 2	Xbox, P	layStatio	on, an iF	ad or o	ther tab	let, a sn	nartpho	ne, text	ing, Ŷo	ıTube,	No linear change	Not available	No change
(countin Instagra	g time s m, Face	pent on book, or	things s r other s tudents	such as 2 ocial me	Xbox, P edia, for	layStatio	on, an iF ing that	ad or o was no	ther tab	let, a sn work, o	nartpho on an a 35.7	one, text verage s 37.0	ing, Ŷou chool d 36.0	ıTube, ay) 40.7	No linear change	Not available	No change

Maryland High School Survey

Montgomery County

Trend Analysis Report

Male Physical Activity

				H	ealth Ri	isk Beh	avior ai	nd Perc	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QNDLY week wi		0			o attenc	led phys	ical edu	cation ((PE) cla	sses on	all 5 da <u>:</u> 34.8		n averag 35.3	ge 32.8	No linear change	Not available [§]	No change
QN83: times du						ussion fi	om play	ying a sj	port or b	being ph	ysically	active	(one or 14.9	more 15.0	No linear change	Not available	No change

Maryland High School Survey

Montgomery County

Male Other				Н	ealth Ri	isk Beh	avior ar	nd Perce	entages	:					Linear Change [*]	Quadratic Change*	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN86: during t						st (for a	check-ı	ıp, exan	n, teeth	cleanin	g, or oth	ner dent 79.7	al work, 80.1	80.9	No linear change	Not available [§]	No change
QNNOI	DNT: P	ercentag	ge of stu	dents w	ho neve	r saw a	dentist (for a ch	eck-up,	exam, t	teeth cle	eaning, c	or other	dental			
work)												2.0	2.0	3.2	No linear change	Not available	No change
QN87:	Percenta	age of s	tudents	who had	l ever be	en told	by a doo	ctor or n	urse that	at they l	nad asth	ma					1
											24.4	25.1	25.4	22.0	No linear change	Not available	No change

Maryland High School Survey

Montgomery County

Male Site-Add	ed			н	ealth R	isk Beh	avior aı	nd Perc	Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]						
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN90:	Percent	age of s	tudents	who are	transge	ender				-	-		3.3	0.9	Decreased, 2016-2018	Not available [§]	Decreased
QN93: before t									ig (on at	t least 1	day dur	ing the :	30 days 28.7	27.4	No linear change	Not available	No change
QN94:	Percent	age of s	tudents	who sm	oked a v	whole ci	garette l	before a	ge 13 ye	ears (for	the firs	t time) 6.1	6.7	3.1	Decreased, 2013-2018	Not available	Decreased
QN98: day duri						bacco in	a hooka	ıh, narg	hile, or	other ty	pe of wa	aterpipe	(on at lo 4.6	east 1 3.1	Decreased, 2016-2018	Not available	No change

Maryland High School Survey

Montgomery County

Trend Analysis Report

Male
Site-Added

		H	ealth Ri	sk Beha	wior an	d Perce	entages						Linear Change [*]	Quadratic Change*	Change from 2016-2018 [†]
1991 1993 199	5 1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN99: Percentage o vapor product (amon									flavor v	with an	electror	nic			
										93.7	93.4	95.1	No linear change	Not available [§]	No change
QN101: Percentage bil, or THC wax	of students	s who ha	ve ever	used an	electroi	nic vapo	r produ	ct to sm	oke ma	rijuana,	THC o	r hash			
											8.4	13.7	Increased, 2016-2018	Not available	Increased
2N102: Percentage ittle cigar in the next		s who th	ink they	definite	ly or pr	obably	will smo	oke a ciş	garette,	cigar, c	igarillo	, or	,,		
											14.9	13.1	No linear change	Not available	No change
2N103: Percentage lavored smokeless to urvey)															
									11.3	9.7	6.0	3.5	Decreased, 2013-2018	Not available	No change

Maryland High School Survey

Montgomery County

Male
Site-Added

				Н	ealth Ri	isk Beha	avior an	d Perce	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	<u> </u>		
QN104: the surv		tage of	students	who tri	ed or us	ed toba	cco prod	ucts for	the firs	t time (during t	he 12 m	onths b	efore			
												9.9	6.6	5.0	Decreased, 2014-2018	Not available [§]	No change
QN106:	Percen	tage of	students	who liv	ve with s	someone	e who no	ow smol	kes ciga	rettes or	cigars		<u> </u>				
											26.3	25.6	20.0	14.4	Decreased, 2013-2018	Not available	No change
QN107: allowed										home i	s that sr	noking	is not				
													85.6	88.2	Increased, 2016-2018	Not available	Increased
		taga of	students	who w					1			(an at 1	ant one	dari			
QN108: during the					ere in th	e same i	room wi	th some	one wh	o was si	noking	(on at 1	east one	uay			

Maryland High School Survey

Montgomery County

Trend Analysis Report

Male
Site-Added

				Н	ealth Ri	sk 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		
QN110: school ye		tage of	students	who we	ere taugl	nt in the	ir classe	es about	the dan	gers of	tobacco	o use (di	uring the	e last			
											73.3	64.8	62.4	61.2	Decreased, 2013-2018	Not available [§]	No change
QN117: friends	Percen	tage of	students	who sa	y definit	ely yes	or proba	ably yes	that yo	ung peo	ople wh	io smok	e have r	nore			
inclus											38.4	32.7	32.9	37.6	No linear change	Not available	No change
QN118: cool or fi		tage of	students	who sa	y definit	ely yes	or proba	ably yes	s that sm	noking r	nakes y	oung po	eople lo	ok			
											26.4	21.1	20.1	24.4	No linear change	Not available	No change
QN119: parents if								eking h	elp fron	n one or	more	adults b	esides th	neir			
											72.8	77.4	75.0	77.5	No linear change	Not available	No change

Maryland High School Survey

Montgomery County

Trend Analysis Report

Female
Injury and Violence

				Н	ealth Ri	isk Beha	avior ar	nd Perco	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN9: Po or more							ho had l	been dri	nking al	cohol (in a car	or othe	vehicle	e, one			
											17.5	15.1	11.0	8.7	Decreased, 2013-2018	Not available [§]	No change
QN10: 1 times du days bef	ring the	e 30 day	s before														
											6.1	3.8	2.3	2.6	Decreased, 2013-2018	Not available	No change
QN11: 1 the 30 da survey)																	
											28.7	21.2	24.3	18.3	Decreased, 2013-2018	Not available	No change

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

[§]Not enough years of data to calculate.

Maryland High School Survey

Montgomery County

Trend Analysis Report

Female **Injury and Violence**

				Н	ealth Ri	sk Beha	avior ar	d Perce	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN13: day duri						eapon o	n school	proper	y (such	as a gu	n, knife	, or clul	o, on at	least 1			
											1.9	1.3	3.4	2.3	Increased, 2013-2018	Not available [§]	No change
QN14: or for a													for hu	nting			
													1.6	0.7	Decreased, 2016-2018	Not available	Decreased
QN16: knife, or										on scho	ol prope	erty (suc	h as a g	gun,			
											5.0	4.8	3.5	2.8	No linear change	Not available	No change

Maryland High School Survey

Montgomery County

Trend Analysis Report

Female **Injury and Violence**

				Н	ealth R	isk Beh	avior ar	nd Perco	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
	Percenta before tl			who we	re in a p	hysical	fight on	school	property	(one of	r more	times du	iring the	e 12			
											7.3	4.9	5.6	4.8	No linear change	Not available [§]	No change
omeone with an	e they w object o	vere dati r weapo	ng or go on] one (oing out or more	with [co times d	d physic ounting uring the efore the	such thi e 12 mor	ngs as b nths bef	eing hit	, slamm	ed into	someth	ing, or i	njured			
											8.8	10.8	5.8	8.6	No linear change	Not available	No change
QN23:	Percenta	age of s	tudents	who we	re bullie	ed on sch	nool pro	perty (e	ver duri	ng the 1	2 mont	hs befoi	e the su	irvey)			
											19.4	18.2	17.4	15.5	No linear change	Not available	No change

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

[§]Not enough years of data to calculate.

Maryland High School Survey

Montgomery County

Trend Analysis Report

Female Injury and Vio	lence															
			Н	ealth R	isk Beh	avior ar	nd Perc	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991 1993	3 1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN24: Perce Facebook, or										d throug	gh textii	ng, Insta	gram,			
										17.0	17.2	16.2	13.4	No linear change	Not available [§]	No change
QN25: Perce stopped doing										eks in a	row so	that the	у			
										34.2	35.7	37.2	40.9	Increased, 2013-2018	Not available	No change
QN26: Perces survey)	ntage of s	students	who ser	iously c	onsidere	d attem	pting su	icide (e	ver duri	ing the	12 mon	ths befo	re the			
										19.1	20.0	19.6	20.8	No linear change	Not available	No change
QN27: Perce before the sur		students	who ma	de a pla	n about	how the	y would	l attemp	t suicid	e (durin	ng the 1	2 month	S			,
	-									15.1	15.2	15.4	16.4	No linear change	Not available	No change

Maryland High School Survey

Montgomery County

Trend Analysis Report

Temale Tobacco I	Use			H	ealth R	isk Beh	avior ar	nd Perc	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN32: I survey)	Percenta	age of st	udents v	who cur	rently s	moked c	cigarette	s (on at	least 1 o	lay duri	ng the 3	30 days	before	the			
											7.5	5.2	4.1	2.6	Decreased, 2013-2018	Not available [§]	No change
QNFRC days bef			of stude	ents who	o currer	ntly smo	ked ciga	rettes fi	requentl	y (on 20) or mo	re days	during t	he 30			
											1.3	1.3	0.8	0.5	Decreased, 2013-2018	Not available	No change
QNDAY before th			ge of stu	udents v	who curi	rently sn	noked ci	garettes	s daily (on all 30) days c	luring th	ne 30 da	iys			
											0.7	0.7	0.6	0.5	No linear change	Not available	No change
QN34: I vape pip eGo, and	es, vapi	ng pens															
												33.7	28.9	34.7	No linear change	Not available	No change

Maryland High School Survey

Montgomery County

Trend Analysis Report

Female	
Tobacco Use	

			Н	ealth Ri	sk Beha	vior an	d Perce	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 [†]
1991 1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN35: Percer e-pipes, vape Plus, eGo, and	pipes, va	ping pen	s, e-hool	kahs, an	d hooka	h pens [such as	blu, NJ								
											16.0	7.8	18.8	No linear change	Not available [§]	Increased
ONFREVP: I luring the 30		-		o curren	tly used	electro	nic vapo	or produ	cts freq	uently (on 20 o	r more	days			
											1.0	0.6	2.8	Increased, 2014-2018	Not available	Increased
QNDAYEVP he 30 days be			tudents v	who curr	ently us	ed elect	ronic va	apor pro	ducts da	aily (on	all 30 c	ays dur	ring			
											0.7	0.2	1.7	Increased, 2014-2018	Not available	Increased
QNTB5: Percenter of the					smoked	cigarett	es or us	sed elect	ronic v	apor pro	oducts (on at le	east 1			
											18.5	10.3	19.8	No linear change	Not available	Increased

Maryland High School Survey

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Trend Analysis Report

Female
Tobacco Use

				Н	ealth Ri	sk Beha	vior an	d Perce	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
(such as	a conve	enience	store, su	ıpermarl	ket, disc	their ow ount stor etronic va	e, gas s	tation, c	or vape	store, di	uring the	e 30 day					
													9.5	8.4	No linear change	Not available [§]	No change
			ducts [s	uch as C	Copenha	sed smok gen, Griz	zly, Sk	oal, or (nic			
		on at le	ast 1 dag	y during	the 30	lays befo	ore the s	urvey)									
		on at le	ast 1 da	y during	the 30	lays befo	ore the s	urvey)					1.6	0.8	No linear change	Not available	No change
vapor pr	roducts,	age of s	tudents	who cur		lays befo			garillos,	or little	e cigars,	on at le			No linear change	Not available	No change

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

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Montgomery County

Trend Analysis Report

Female Tobacco Use

				H	ealth Ri	isk Beha	avior ar	nd Perco	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	8		
QNTB2 before tl		0	student	s who c	urrently	smoked	l cigaret	tes or ci	gars (or	n at leas	t 1 day o	luring t	he 30 da	ays			
											10.1	8.1	5.7	3.3	Decreased, 2013-2018	Not available [§]	Decreased

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Female Alcohol a	and Oth	er Druş	g Use	Н	ealth Ri	isk Beh	avior ar	nd Perc	entages						Linear Change [*]	Quadratic Change*	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN40:	Percenta	age of s	tudents	who had	l their fi	rst drink	of alco	hol befo	ore age 1	13 years	(other	than a fe	ew sips)				
											15.1	13.7	11.7	10.6	Decreased, 2013-2018	Not available [§]	No change
	Percenta lays befo			who cur	rently d	rank alc	ohol (at	least or	e drink	of alcol	nol, on a	at least 1	day du	ring			
											31.9	27.7	26.8	23.5	Decreased, 2013-2018	Not available	No change
female	Percenta students ing the 3	or five	or more	drinks o	of alcoh												
													12.6	10.5	No linear change	Not available	No change

Maryland High School Survey

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Female Alcohol a	and Oth	er Druş	g Use					1.5							*		
				н	ealth R	isk Beh	avior ar	id Perc	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN45:	Percent	age of s	tudents	who eve	er used r	narijuan	a (one o	r more	times du	uring the	eir life)	·					
											31.0	27.5	28.1	29.5	No linear change	Not available [§]	No change
QN46:	Percent	age of s	tudents	who trie	d marij	uana for	the first	time be	efore ag	e 13 ye	ars						
											4.6	3.9	2.1	3.3	No linear change	Not available	No change
QN47: survey)	Percent	age of s	tudents	who cur	rently u	sed mar	ijuana (o	one or n	nore tim	es durii	ng the 3	0 days t	before th	ie			
											17.0	14.7	16.6	16.2	No linear change	Not available	No change
QN48:	Percent	age of s	tudents	who eve	er used s	ynthetic	marijua	ana (one	e or mor	e times	during	their life	e)				
												5.0	2.8	3.2	No linear change	Not available	No change

Maryland High School Survey

Montgomery County

Trend Analysis Report

Female			
Alcohol and	l Other	Drug	Use

				H	ealth Ri	isk Beha	avior an	d Perce	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	8		
QN49: 1 different Hydroco	ly than	how a c	loctor to	ld them	to use i	t (counti	ing drug	s such a									
													9.8	12.2	No linear change	Not available [§]	No change
QN50: 1 one or m					er used c	cocaine (any forr	n of coc	aine, in	cluding	powder	, crack	or free	base,			
											3.4	3.3	2.0	1.6	Decreased, 2013-2018	Not available	No change
QN52: I times du			tudents	who eve	er used h	neroin (a	lso calle	ed "smac	k," "jur	1k," or "	China V	White,"	one or	more			.,
											1.7	1.9	1.2	0.9	No linear change	Not available	No change
QN53: I "ice," or							hetamin	nes (also	called	"speed,'	' "crysta	ıl meth,	" "cranl	۶,"			
											2.3	2.3	1.3	0.5	Decreased, 2013-2018	Not available	No change

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Montgomery County

Female Alcohol a	nd Oth	er Drug	g Use	H	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	8		
QN54: 1	Percenta	age of st	tudents	who eve	er used e	ecstasy (also call	ed "ME	Э МА," с	one or m	ore tim	es durin	g their l	ife)			
											4.9	4.2	2.2	1.5	Decreased, 2013-2018	Not available [§]	No change
QN56: 1 body, on						ed any il	legal dr	ug (used	l a need	le to inj	ect any	illegal c	lrug into	o their			
<i>body</i> , of			uuring	uien m	,						1.9	2.0	1.2	2.0	No linear change	Not available	No change
QN57: 1				who we	re offere	ed, sold,	or giver	n an ille	gal drug	on sch	ool proj	perty (du	uring the	e 12			
months l	before tl	he surve	ey)								29.1	26.9	23.7	22.7	Decreased, 2013-2018	Not available	No change

Maryland High School Survey

Montgomery County

Trend Analysis Report

				H	ealth Ri	sk Beha	ivior 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		
QN58:	Percenta	ige of st	udents	who eve	r had se	xual inte	ercourse	1			24.3	20.8	21.6	19.7	Decreased, 2013-2018	Not available [§]	No change
QN59:	Percenta	ige of st	udents	who had	sexual	intercou	rse for t	he first	time be	fore age	e 13 yea 2.1	urs 2.0	1.2	0.6	Decreased, 2013-2018	Not available	No change
QN60:	Percenta	ige of st	udents	who had	sexual	intercou	rse with	four or	more p	ersons	during t 5.5	heir life 4.0	3.1	3.1	Decreased, 2013-2018	Not available	No change
	Percenta he 3 mo				e currer	ntly sexu	ally act	ive (hac	l sexual	interco	urse wit 17.6	th at lea	st one pe	erson, 14.1	Decreased, 2013-2018	Not available	No change

Maryland High School Survey

Montgomery County

Trend Analysis Report

Female Sexual Behaviors

				Н	ealth Ri	sk Beha	avior an	nd Perce	entages						Linear Change [*]	Quadratic Change*	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN84: done if t		0		who wer	e ever t	ested for	r human	immun	odeficio	ency vir	us (HIV		ounting	tests	No linear change	Not available [§]	No change
).5	10.5	2.0	No mear change	Not available	No change

Maryland High School Survey

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Trend Analysis Report

				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		
QNOW index, b												tile for	body ma	ISS			
											11.7	12.2	13.5	13.7	No linear change	Not available [¶]	No change
QNOBI age-spe									ile for b	ody ma	ss index	, based	on sex-	and			
				1 110 200	00 02 0	- Brown	charts)										
				i the 200		510	charts)				4.6	5.7	6.1	8.3	Increased, 2013-2018	Not available	No change
QN67:	Percent	age of s							very ov	verweig		5.7	6.1	8.3	Increased, 2013-2018	Not available	No change
QN67:	Percent	age of st							very ov	verweig		5.7 30.2	6.1 29.3	8.3 29.6	Increased, 2013-2018 No linear change	Not available Not available	No change No change
QN67: QN69: before t	Percent	age of st	udents v	who des	cribed t	hemselv	es as sli	ghtly or	-		ht 29.3	30.2	29.3	29.6			

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

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. ^INot enough years of data to calculate.

Maryland High School Survey

Montgomery County

Trend Analysis Report

				Н	ealth Ri	isk Beh	avior ar	nd Perco	entages						Linear Change*	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN70:	Percenta	age of st	udents v	who did	not eat	fruit (or	ne or mo	ore times	s during	the 7 da	ays befo	ore the s	urvey)				
											0.6	0.0	0.4	7.0	D 1 2012 2010	NT / 1118	No showes
											9.6	9.9	9.4	7.3	Decreased, 2013-2018	Not available [§]	No change
	: Percer						or drink	100% fr	uit juice	es (such					Decreased, 2013-2018	Not available ^s	No change
							or drink	100% fr	uit juice	es (such					No linear change	Not available ^s	No change
or grape		luring th	students	s before	the surv	vey) or drank	100% f	ruit juic	es one o	·	as oran 4.1	ge juice 5.2	, apple j 4.9	uice,	·		

Maryland High School Survey

Montgomery County

Trend Analysis Report

				Не	ealth Ri	sk Beha	avior an	d Perco	entages						Linear Change*	Quadratic Change [*]	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	i		
	: Percer juice, ap									or more	times p	er day (such as				
											37.1	33.4	31.4	29.8	Decreased, 2013-2018	Not available [§]	No change
QN71:	Percenta	age of st	udents v	who did	not eat	green sa	lad (one	e or mor	re times	during	the 7 da	ays befo	re the s	urvey)			
											28.1	32.3	33.2	32.8	No linear change	Not available	No change
										• •					· · · ·		;
QN72:	Percenta	age of st	udents v	who did	not eat	potatoes	s (one or	more ti	imes du	ring the	7 days	before	the surv	ey)			
QN72:	Percenta	age of st	udents v	who did	not eat	potatoes	s (one or	more ti	imes du	ring the	e 7 days 36.8	40.0	the surv 39.2	ey) 39.7	No linear change	Not available	No change
	Percenta					_					36.8	40.0	39.2	39.7	No linear change	Not available	No change

Maryland High School Survey

Montgomery County

Trend Analysis Report

Female Weight Management and Dietary Behaviors

				Н	ealth Ri	isk Beha	avior ar	nd Perce	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			
QN74: Perc survey)	centag	e of st	udents	who did	not eat	other ve	getables	s (one o	more t	imes du	ring the	e 7 days	before	the			
											11.9	14.8	13.8	12.1	No linear change	Not available [§]	No change
QNVEG0: 1 potatoes, or												ng Fren	ch fries,	fried			
											4.2	5.8	5.6	5.5	No linear change	Not available	No change
QNVEG1: 1 French fries,																	
											69.1	62.8	67.4	65.3	No linear change	Not available	No change

Maryland High School Survey

Montgomery County

Trend Analysis Report

Female	
Weight Management and Dietary	Behaviors

				Н	ealth Ri	sk Beha	avior an	nd Perce	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	5 2018	3		
QNVEG French f																	
											34.4	30.0	30.3	30.1	No linear change	Not available [§]	No change
QNVEG [excludit survey)														e the			
-											17.2	15.4	15.0	14.6	No linear change	Not available	No change
QN75: 1 Sprite, n											(such a	s Coke	, Pepsi,	or			
											37.9	38.1	43.0	46.1	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.

Maryland High School Survey

Montgomery County

Trend Analysis Report

Female Weight N	Ianage	ment an	nd Dieta	ary Beha	aviors												
				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	8		
QNSOE (such as														ay			
											8.6	8.2	7.0	5.2	Decreased, 2013-2018	Not available [§]	No change
QNSOE (such as														ay			
											5.2	4.4	4.2	2.2	Decreased, 2013-2018	Not available	Decreased

Maryland High School Survey

Montgomery County

Trend Analysis Report

Female Physical Activity

				H	ealth Ri	isk Beha	avior an	d Perce	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	5 2018	<u> </u>		
QN78: kind of j days bef	physica	l activit	y that in														
5		5,									34.1	32.6	30.9	29.7	No linear change	Not available [§]	No change
QNPA0 1 day (in during th	n any ki	nd of pl	iysical a	ctivity t													
											19.6	21.5	24.6	23.2	Increased, 2013-2018	Not available	No change
QNPA7 kind of j days bef	physica	l activit	that in														
											15.0	13.3	12.2	13.0	No linear change	Not available	No change

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Trend Analysis Report

	Activity			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			
QN79:	Percenta	age of st	udents v	who wat	ched te	levision	3 or mo	re hour	s per da	y (on ar	n averag	e schoo	l day)				
											26.0	18.7	16.1	17.3	Decreased, 2013-2018	Not available [§]	No change
(countir	Percenta ng time s m, Face	pent on	things s	such as 2	Xbox, P	layStati	on, an il	Pad or o	ther tab	let, a sn	nartphoi	ne, texti verage s	ng, Ŷou	Tube, ay)	No linear change	Not available	No chongo
											33.2	35.4	34.6	37.5	No linear change	Not available	No change
QN81: week w	Percenta hen they				ended pl	nysical e	ducation	n (PE) c	lasses o	n 1 or r	nore da	ys (in ai	ı averag	je			

Maryland High School Survey

Montgomery County

Trend Analysis Report

Female
Physical Activity

				H	ealth Ri	sk Beh	avior ar	nd Perc	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QNDLY week w					o attenc	led phys	sical edu	cation ((PE) cla	sses on	all 5 da 20.1	ys (in ai 25.7	n averag 26.6	ge 27.2	No linear change	Not available [§]	No change
QN83: times du						ission fi	rom play	ying a sj	port or b	being ph	ysically	active	(one or 12.3	more 11.0	No linear change	Not available	No change

Maryland High School Survey

Montgomery County

Trend Analysis Report

Female Other				Н	ealth Ri	sk Beha	avior an	d Perce	entages						Linear Change [*]	Quadratic Change*	Change from 2016-2018 [†]
1991 1	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN86: Per during the						st (for a	check-u	ıp, exam	n, teeth	cleaning	g, or oth	er denta 81.8	l work, 83.3	82.5	No linear change	Not available [§]	No change
QNNODN [*] work)	IT: Pe	ercentag	e of stud	dents wl	no nevei	r saw a c	lentist (1	for a che	eck-up,	exam, to	eeth clea	aning, o	r other of	lental			
												1.7	0.9	1.2	No linear change	Not available	No change

Maryland High School Survey

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Trend Analysis Report

Female Site-Add	ed			Н	ealth R	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	8		
QN90:	Percent	age of s	tudents	who are	transge	nder				1			1.6	0.7	Decreased, 2016-2018	Not available [§]	Decreased
QN93: before the									ng (on at	t least 1	day dur	ring the	30 days 24.0	24.3	No linear change	Not available	No change
QN94:	Percent	age of s	tudents	who sm	oked a v	whole ci	garette l	before a	ge 13 ye	ears (for	the firs	st time) 3.8	3.3	1.8	Decreased, 2013-2018	Not available	Decreased
QN98: day duri						bacco in	a hooka	ah, narg	hile, or	other ty	pe of wa	aterpipe	(on at lo 2.9	east 1 2.2	No linear change	Not available	No change

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Trend Analysis Report

Female Site-Added Health Risk Behavior and Percentages Linear Change* Quadratic Change* **Change from** 2016-2018 * 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QN99: Percentage of students who usually use a kind of flavoring other than tobacco flavor with an electronic vapor product (among students who have ever used an electronic vapor product) 96.7 98.6 95.7 No linear change Not available§ No change ON101: Percentage of students who have ever used an electronic vapor product to smoke marijuana, THC or hash oil. or THC wax 6.6 15.5 Increased, 2016-2018 Not available Increased QN102: Percentage of students who think they definitely or probably will smoke a cigarette, cigar, cigarillo, or little cigar in the next year 9.9 6.7 No linear change Not available Decreased QN103: Percentage of students who used flavored tobacco products (flavored cigars, cigarillos, or little cigars, flavored smokeless tobacco products, or both, not counting menthol cigarettes, during the 30 days before the survey) 8.9 7.8 3.1 2.3 Decreased. 2013-2018 Not available No change

Maryland High School Survey

Montgomery County

Trend Analysis Report

Female Site-Added Health Risk Behavior and Percentages Linear Change* Quadratic Change* **Change from** 2016-2018 * 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QN104: Percentage of students who tried or used tobacco products for the first time (during the 12 months before the survey) 8.4 5.8 6.5 No linear change Not available§ No change QN106: Percentage of students who live with someone who now smokes cigarettes or cigars 26.1 26.1 19.0 18.7 Decreased, 2013-2018 Not available No change QN107: Percentage of students who report the rule about smoking inside their home is that smoking is not allowed anywhere inside their home (not counting decks, garages, or porches) 85.3 89.4 Increased, 2016-2018 Not available Increased QN108: Percentage of students who were in the same room with someone who was smoking (on at least one day during the 7 days before the survey) No change 16.8 16.0 No linear change Not available

Maryland High School Survey

Montgomery County

Trend Analysis Report

Temale Site-Adde	ed																
				H	ealth R	sk Beh	avior ar	nd Perc	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN110: school y		tage of	students	who w	ere taug	ht in the	ir classe	es about	the dan	gers of	tobacco	o use (d	uring th	e last			
											71.1	64.9	60.7	61.2	Decreased, 2013-2018	Not available [§]	No change
QN117: friends	Percen	tage of	students	who sa	y defini	tely yes	or prob	ably yes	s that yo	ung peo	ople wh	o smok	e have r	nore	· · · · ·		
											32.1	30.7	30.5	30.6	No linear change	Not available	No change
QN118: cool or f		tage of	students	who sa	y defini	tely yes	or prob	ably yes	s that sn	noking 1	makes y	oung p	eople lo	ok			
											18.9	15.9	16.7	17.1	No linear change	Not available	No change
QN119: parents i								eking h	elp fron	n one of	r more a	adults b	esides tl	neir			
1			r	1		0	-				74.8	76.5	77.3	75.3	No linear change	Not available	No change

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Trend Analysis Report

Injury a	nd Viol	ence		H	Iealth F	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		
QN9: P or more							ho had l	been dri	nking al	lcohol (i	in a car	or other	vehicle	, one			
											16.7	14.9	10.5	10.6	Decreased, 2013-2018	Not available [¶]	No change
QN10: times du days bef	iring the	e 30 day	s before														
days bei	iore une	survey)									6.8	4.6	2.3	7.4	No linear change	Not available	Increased
QN11: the 30 d survey)																	
											33.4	27.2	30.3	30.9	No linear change	Not available	No change

White*

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

Maryland High School Survey

Montgomery County

Trend Analysis Report

White*	
Injury and	Violence

				ł	Iealth F	Risk Beh	avior a	nd Pero	centage	8					Linear Change [†]	Quadratic Change †	Change from 2016-2018 [§]
1991 1	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN13: Pe day during						eapon o	n schoo	l proper	ty (such	as a gu	n, knife	, or club	o, on at	least 1			
											2.5	1.5	3.4	4.8	Increased, 2013-2018	Not available [¶]	No change
QN14: Pe or for a sp													for hur	nting			
													1.9	2.3	No linear change	Not available	No change
QN16: Pe knife, or c										on scho	ol prope	erty (suc	h as a g	gun,			
											5.1	4.9	4.2	4.3	No linear change	Not available	No change

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

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Trend Analysis Report

Linear Change[†]

No linear change

No linear change

Quadratic Change[†]

Not available

Not available

Change from 2016-2018 [§]

No change

No change

White* Injury a	nd Viol	ence								
				E	Iealth F	Risk Beł	navior a	nd Per	centage	5
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	

QN18: Percentage of students who were in a physical fight on school property (one months before the survey)	or more	times d	uring th	e 12			
	7.0	5.7	5.5	7.2	No linear change	Not available [¶]	No change
QN22: Percentage of students who experienced physical dating violence (being phy someone they were dating or going out with [counting such things as being hit, slam with an object or weapon] one or more times during the 12 months before the survey went out with someone during the 12 months before the survey)	med into	o sometl	ning, or	injured			

6.1

5.7 4.6 7.0

20.6 18.7 18.8 17.3

2007 2009 2011 2013 2014 2016 2018

QN23: Percentage of students who were bullied on school property (ever during the 12 months before the survey)

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

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

[¶]Not enough years of data to calculate.

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Trend Analysis Report

White* **Injury and Violence** Health Risk Behavior and Percentages Linear Change[†] Quadratic Change[†] Change from 2016-2018 § 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QN24: Percentage of students who were electronically bullied (counting being bullied through texting, Instagram, Facebook, or other social media, ever during the 12 months before the survey) 16.5 15.5 14.9 15.2 No linear change Not available[¶] No change QN25: Percentage of students who felt sad or hopeless (almost every day for ≥ 2 weeks in a row so that they stopped doing some usual activities, ever during the 12 months before the survey) 23.8 23.3 25.3 28.2 No linear change Not available No change QN26: Percentage of students who seriously considered attempting suicide (ever during the 12 months before the survey) Not available No change 12.8 14.2 13.9 18.2 Increased, 2013-2018 QN27: Percentage of students who made a plan about how they would attempt suicide (during the 12 months before the survey) 10.4 9.7 No linear change Not available No change 10.8 11.7

*Non-Hispanic.

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

Based on t-test analysis, p < 0.05.

Not enough years of data to calculate.

Maryland High School Survey

Montgomery County

Trend Analysis Report

White* Tobacco	Use																
				ł	Iealth F	Risk Beł	navior 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	8		
QN32: survey)	Percent	age of st	tudents	who cur	rently s	moked c	igarette	s (on at	least 1 c	lay duri	ng the 3	30 days	before	the			
											7.1	5.7	4.7	3.9	Decreased, 2013-2018	Not available [¶]	No change
QNFRC days bef				ents wh	o curren	tly smo	ked ciga	rettes fr	equently	y (on 20) or mo	re days	during t	he 30			
											1.8	1.5	0.6	0.8	No linear change	Not available	No change
QNDAY before th			ige of st	udents v	who curi	ently sn	noked ci	garettes	daily (o	on all 3) days c	luring t	he 30 da	iys			
											0.9	0.7	0.5	0.8	No linear change	Not available	No change
QN34: vape pip eGo, and	bes, vapi	ing pens															
,												32.4	26.7	41.9	Increased, 2014-2018	Not available	Increased

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

Maryland High School Survey

Montgomery County

Trend Analysis Report

White* Fobacco Use		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	3		
QN35: Percentage of s e-pipes, vape pipes, va Plus, eGo, and Halo], o	ping pens	, e-hool	kahs, an	d hooka	h pens [such as	blu, NJ								
										17.0	8.8	27.3	Increased, 2014-2018	Not available [¶]	Increased
QNFREVP: Percentag luring the 30 days before			o curren	tly used	electro	nic vap	or produ	icts free	quently ((on 20 o	r more	days			
										0.8	1.1	5.8	Increased, 2014-2018	Not available	Increased
QNDAYEVP: Percen he 30 days before the		udents v	vho curr	ently us	ed elect	ronic v	apor pro	oducts d	aily (on	all 30 c	ays du	ring			
										0.6	0.5	3.5	Increased, 2014-2018	Not available	Increased
QNTB5: Percentage o day during the 30 days				smoked	cigaret	tes or us	sed elec	tronic v	apor pro	oducts (on at le	east 1			
0										19.8	11.6	28.1	No linear change	Not available	

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

Maryland High School Survey

Montgomery County

Trend Analysis Report

White* Tobacco	Use			H	lealth R	Risk Bel	navior a	and Perc	centage	s					Linear Change [†]	Quadratic Change †	Change from
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	201	<u> </u>		2016-2018 [§]
1991	1993	1995	1997	1999	2001	2003	2003	2007	2009	2011	2013	2014	2010	201	10		
QN37: dissolva vapor pr	ble toba	acco pro	ducts [si	uch as C	Copenha	gen, Gr	izzly, Sł	koal, or (nic 2.9	No linear change	Not available [¶]	No change
QN38:					rently si	moked c	cigars (c	igars, ci	garillos,	, or little	e cigars	, on at l	east 1 d	ay			
during t	he 30 da	ays befo	re the su	irvey)							8.5	6.8	4.7	3.2	Decreased, 2013-2018	Not available	No change
QNTB2 before th			student	s who c	urrently	smoked	l cigaret	ttes or ci	gars (or	n at leas	t 1 day	during t	he 30 d	ays			,

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

Maryland High School Survey

Montgomery County

Trend Analysis Report

				Н	lealth R	Risk Beł	navior a	nd Pero	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			
QN40:	Percenta	age of st	udents	who had	their fi	rst drink	c of alco	hol befo	ore age 1	13 years	(other	than a fe	w sips)	,			
											10.4	11.2	10.5	10.9	No linear change	Not available [¶]	No change
ON41:		age of st		who curi	rently d	rank alc	ohol (at	least on	e drink	of alcol	hol. on	at least 1	day du	ring			
	ays befo	ore the s	urvey)				,				- , -		5	8			
the 30 d	ays befo	ore the s	urvey)		·						35.7	32.0	31.9	33.9	No linear change	Not available	No change
the 30 d QN42:	Percenta	age of st or five	udents or more	drinks c	rently w	vere bing	ge drink	ing (had	four or	more d	35.7		31.9 in a ro	33.9 w for	No linear change	Not available	No change

Maryland High School Survey

Montgomery County

Trend Analysis Report

White* Alcohol	and Ot	her Dru	ıg Use	H	Iealth F	Risk Beh	navior a	nd Pero	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN45:	Percent	age of s	tudents	who eve	er used n	narijuan	a (one c	or more	times dı	uring the	eir life)						
											32.5	27.5	26.7	33.8	No linear change	Not available [¶]	No change
QN46:	Percent	age of s	tudents	who trie	d mariju	uana for	the first	t time be	efore ag	e 13 ye	ars						
											3.4	3.0	1.8	2.4	No linear change	Not available	No change
QN47: survey)	Percent	age of s	tudents	who cur	rently u	sed mari	ijuana (o	one or n	nore tim	es durir	ng the 3	0 days t	before th	ie			
											19.7	18.5	16.9	20.7	No linear change	Not available	No change
QN48:	Percent	age of s	tudents	who eve	er used s	ynthetic	marijua	ana (one	e or mor	e times	during	their life	e)				
												4.6	2.9	4.0	No linear change	Not available	No change

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

Maryland High School Survey

Montgomery County

Trend Analysis Report

White*		
Alcohol and	Other Drug Use	e

				E	lealth R	lisk Beh	avior a	nd Perc	centages	s					Linear Change [†]	Quadratic Change †	Change from 2016-2018 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN49: differen Hydroco	tly than	how a d	loctor to	ld them	to use i	t (count	ing drug	s such a									
													9.5	9.1	No linear change	Not available [¶]	No change
QN50: one or n					r used c	ocaine (any form	n of coc	aine, in	cluding	powder	r, crack	or free	base,			
											3.1	3.5	2.1	2.5	No linear change	Not available	No change
QN52: times du			udents v	who eve	r used h	eroin (a	lso calle	d "smac	ck," "jur	nk," or '	'China V	White,"	one or 1	nore			
											1.5	1.7	1.1	2.2	No linear change	Not available	No change
QN53: "ice," or							hetamir	es (also	called	"speed,	" "crysta	al meth,	" "cranl	ς,"			
											2.0	1.8	1.2	1.6	No linear change	Not available	No change

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

Maryland High School Survey

Montgomery County

Trend Analysis Report

White* Alcohol	and Otl	her Dru	ıg Use	H	Iealth F	Risk Beł	navior a	and Pero	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	8		
QN54:	Percenta	age of st	tudents	who eve	er used e	ecstasy (also call	led "ME	ЭМА, " с	one or m	ore time	es durin 4.2	g their	life) 3.1	Decreased, 2013-2018	Not available [¶]	No change
QN56: body, or						ed any il	legal dr	ug (usec	l a need	le to inj	ect any	illegal c	lrug inte	o their			
·			-								1.3	1.8	1.4	2.8	No linear change	Not available	No change
QN57: months				who we	re offere	ed, sold,	or give	n an ille	gal drug	g on sch	ool prop	perty (du	iring th	e 12			
											30.2	25.4	22.3	27.5	No linear change	Not available	No change

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

Maryland High School Survey

Montgomery County

Trend Analysis Report

White* Sexual F	Behavi o	rs		H	Iealth F	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		
QN58:	Percent	age of s	tudents	who eve	er had se	exual int	ercourse			;	24.8	19.8	20.9	21.0	No linear change	Not available¶	No change
QN59:	Percent	age of s	tudents	who had	l sexual	intercou	irse for t	the first	time be	efore ag	e 13 yea 1.2	urs 1.5	0.6	0.7	Decreased, 2013-2018	Not available	No change
QN60:	Percent	age of s	tudents	who had	l sexual	intercou	irse with	n four oi	r more p	persons	during t 5.5	their life 4.3	3.2	5.0	No linear change	Not available	No change
QN61: during t					re curre	ntly sexu	ally act	ive (had	1 sexual	interco	urse wi		st one p 14.3		No linear change	Not available	No change

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

Maryland High School Survey

Montgomery County

Trend Analysis Report

White*
Sexual Behaviors

				H	lealth R	tisk Beh	avior a	nd Perc	centage	s					Linear Change [†]	Quadratic Change †	Change from 2016-2018 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN84: done if t				who wer	e ever t	ested for	r human	immun	odeficie	ency vir	us (HIV	6.7	ounting 8.7	tests 6.7	No linear change	Not available [¶]	No change

Maryland High School Survey

Montgomery County

Trend Analysis Report

				H	Iealth R	Risk Beh	avior a	nd Pero	centage	s					Linear Change [†]	Quadratic Change †	Change from 2016-2018 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
	T: Perce ased on											tile for l	body ma	iss			
											0.0	0.0	0.5	-	N. 1'	Not available	No change
											8.2	9.9	9.5	7.8	No linear change	Not available	i to chung
	ESE: Per cific refe								le for b	ody mas					No linear change	Not available	
									ile for b	ody mas					No linear change	Not available	No change
ige-spec		erence d	lata fron	n the 200	00 CDC	growth	charts) [¶]	Î			ss index 4.1	, based	on sex-	and			
ige-spec	cific refe	erence d	lata fron	n the 200	00 CDC	growth	charts) [¶]	Î			ss index 4.1	, based	on sex-	and			
QN67:	cific refe	age of stage	lata fron	n the 200	00 CDC	erowth hemselv	charts) [¶] es as sli	ghtly or	· very ov	verweigl	4.1 ht 21.0	, based 3.5 19.9	on sex- 4.4 20.9	and 4.0 19.4	No linear change	Not available	No chang

*Non-Hispanic.

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

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

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.

**Not enough years of data to calculate.

Maryland High School Survey

Montgomery County

Trend Analysis Report

				H	lealth R	tisk Bel	avior a	nd Pero	centage	S					Linear Change [†]	Quadratic Change †	Change from 2016-2018 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN70:	Percenta	age of st	udents	who did	not eat	fruit (or	ie or mo	re times	s during	the 7 da	ays befo	re the su	irvey)				
											7.3	6.1	6.6	6.5	No linear change	Not available [¶]	No change
-	: Percer	0					r drink	100% fr	uit juice	es (such	as oran	ge juice,	apple j	uice,			
-	: Percer	0					r drink	100% fr	uit juice	es (such	as orang 3.1	ge juice, 3.3	apple j 3.9	uice, 4.1	No linear change	Not available	No change
or grape		luring th	e 7 days	s before	the surv	vey) or drank	100% fi	ruit juic	es one o		3.1	3.3	3.9	ŗ	No linear change	Not available	No chang

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

Maryland High School Survey

Montgomery County

Trend Analysis Report

White* Weight N	Aanage	ement a	nd Diet			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	5 2018	8		
QNFR2: orange ju										or more	times p	er day ((such as				
											42.4	39.6	38.6	37.2	No linear change	Not available [¶]	No change
QN71: 1	Percent	age of s	tudents	who did	not eat	green sa	ılad (on	e or mo	re times	during	the 7 da 24.5	ays befo 25.5	ore the s 25.1	urvey) 26.1	No linear change	Not available	No change
QN72: 1	Percent	age of s	tudents	who did	not eat	potatoes	s (one o	r more t	imes du	ring the	e 7 days	before	the surv	vey)			
											29.5	32.0	31.2	35.2	Increased, 2013-2018	Not available	No change
QN73: 1	Percent	age of s	tudents	who did	not eat	carrots	(one or	more tir	nes duri	ng the	7 days b	efore th	ne surve	y)			
											34.5	36.2	36.4	36.1	No linear change	Not available	No change

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

Maryland High School Survey

Montgomery County

Trend Analysis Report

				H	lealth R	lisk 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			
QN74: survey)	Percenta	age of st	udents v	who did	not eat	other ve	getables	s (one o	r more t	imes du	ring the	7 days	before t	he			
57											9.3	9.2	10.4	9.6	No linear change	Not available [¶]	No change
QNVEC	i0: Perc											g Frenc	h fries, f	fried			
potatoes	, or pota																
	, or pota	Ĩ									3.0	3.6	3.9	3.0	No linear change	Not available	No change
QNVEC	il: Perc										en salad,	, potatoe	es [exclu	Iding	No linear change	Not available	No change

Maryland High School Survey

Montgomery County

Trend Analysis Report

White* Weight N	/Janage	ment a	nd Diet	-		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		
QNVEG French fr																	
											39.9	36.3	37.6	38.4	No linear change	Not available [¶]	No change
QNVEG [excludii survey)		0			0							· 1		e the			
•											17.4	17.7	17.1	17.5	No linear change	Not available	No change
QN75: I Sprite, n		0						0			(such a	s Coke,	Pepsi,	or			
											38.2	35.9	44.3	42.5	Increased, 2013-2018	Not available	No change

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

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Trend Analysis Report

														2016-2018 [§]
1991 1993 19	95 1997	1999 2	2001 200	3 2005	2007	2009	2011	2013	2014	2016	2018	8		
NSODA1: Percen											ay			
uch as Coke, Peps	si, or Sprite,	not count	ing diet soc	la or diet p	op, duri	ng the 7	days be	efore the 10.2	e surve <u>y</u> 9.0	y) 6.4	65	Decrement 2012 2018	Not available [¶]	No shong
								10.2	9.0	0.4	6.5	Decreased, 2013-2018	Not available	No chang

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Trend Analysis Report

White*	
Physical Activity	

Health Risk Behavior and Percentages				Linear Change †	Quadratic Change [†]	Change from 2016-2018 §				
1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2015	013 2014	2016	2018							
QN78: Percentage of students who were physically active at least 60 minutes per day on 5 kind of physical activity that increased their heart rate and made them breathe hard some of days before the survey)										
50.3	3 49.5	48.3	48.1	No linear change	Not available [¶]	No change				
QNPA0DAY: Percentage of students who did not participate in at least 60 minutes of phys 1 day (in any kind of physical activity that increased their heart rate and made them breathed during the 7 days before the survey)										
12.5	5 11.2	13.2	11.0	No linear change	Not available	No change				
QNPA7DAY: Percentage of students who were physically active at least 60 minutes per day on all 7 days (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey)										
23.5	5 23.3	23.5	25.1	No linear change	Not available	No change				

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

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Trend Analysis Report

				H	ealth 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	-		
)N79:]	Percenta	age of st	tudents v	who wat	ched tel	levision	3 or mo	ore hours	s per day	y (on an	average	e schoo	l day)				
																	N7 1
											17.0	14.5	12.3	12.3	No linear change	Not available [¶]	No chang
countin	ig time s	pent on	tudents v things s r other s	such as 2	Kbox, P	layStatio	on, an il	Pad or of	ther tabl	let, a sm	ter 3 or 1 hartphon	more ho	ours per ng, You	day Tube,	No linear change	Not available ¹	No chang
countin nstagrat	g time s m, Face Percenta	pent on book, or age of st	things s	such as 2 ocial me who atte	Kbox, P dia, for	layStatio someth	on, an il ing that	Pad or of was not	ther tabl t school	let, a sm work, c	ter 3 or a hartphon on an av 30.5	more ho ne, textin erage so 31.7	ours per ng, You chool da 30.5	day Tube, y) 35.6			

White*

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

Maryland High School Survey

Montgomery County

Trend Analysis Report

				H	lealth F	Risk Bel	havior a	and Per	centage	s					Linear Change †	Quadratic Change †	Change from 2016-2018 [§]
1991 1993	19	95	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
NDLYPE: Pe		0			o attend	ded phys	sical edu	ucation	(PE) cla	sses on	all 5 da	ıys (in a	n averaş	ge			
NDLYPE: Pe veek when they		0			o attend	ded phy	sical edu	ucation	(PE) cla	sses on	all 5 da 29.5	uys (in a 35.5	n averaş 32.5	ge 31.3	No linear change	Not available [¶]	No char
	y wei	re in	school))							29.5	35.5	32.5	31.3	No linear change	Not available [¶]	No chan

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Trend Analysis Report

White* Other				F	Iealth F	lisk 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	-		
QN86: during t						st (for a	check-1	ıp, exan	n, teeth	cleanin	g, or oth	er denta 89.7	al work 90.1	91.3	No linear change	Not available [¶]	No change
QNNOI work)	DNT: Po	ercentag	e of stu	dents w	ho neve	r saw a	dentist (for a ch	eck-up,	exam, t	eeth cle	aning, o	or other	dental			
												0.3	0.6	1.2	No linear change	Not available	No change
QN87:	Percenta	age of st	udents	who had	l ever be	en told	by a doo	ctor or n	urse that	at they h	nad asthi	ma		· · · · ·			
											20.4	20.2	19.0	17.6	No linear change	Not available	No change

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Trend Analysis Report

White* Site-Ado	led			I	Iealth F	Risk Beh	navior a	nd Per	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN90:	Percenta	age of si	tudents	who are	transge	nder							2.1	1.2	No linear change	Not available [¶]	No change
QN93: before t									ng (on at	t least 1	day dur	ring the	30 days 30.6	36.6	No linear change	Not available	No change
QN94:	Percenta	age of st	tudents	who sm	oked a v	whole cig	garette l	before a	ge 13 ye	ears (for	the firs	st time)	<u>_</u>				
											2.7	2.8	2.6	2.6	No linear change	Not available	No change
QN98: day duri						bacco in	a hooka	h, narg	hile, or	other ty	pe of wa	aterpipe	(on at le 3.7	east 1 3.1	No linear change	Not available	No change

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

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Trend Analysis Report

White* Site-Added															
She-Auteu		H	lealth R	Risk Beł	navior a	nd Perc	centages	5					Linear Change [†]	Quadratic Change †	Change from 2016-2018 [§]
1991 1993 199	5 1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN99: Percentage of vapor product (among									flavor w	vith an	electror	nic			
										97.0	97.5	96.1	No linear change	Not available [¶]	No change
QN101: Percentage oil, or THC wax	of students	who ha	ve ever	used an	electro	nic vapo	r produ	ct to sm	oke mai	rijuana,	THC o	r hash			
											9.1	20.6	Increased, 2016-2018	Not available	Increased
QN102: Percentage little cigar in the next		who thi	ink they	definite	ely or pr	obably	will smo	oke a cig	garette, o	cigar, c	igarillo	, or			
											11.2	11.8	No linear change	Not available	No change
QN103: Percentage of flavored smokeless to survey)															
									8.7	8.6	3.8	4.1	Decreased, 2013-2018	Not available	No change

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

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Trend Analysis Report

1991 1993 199 QN104: Percentage of the survey)		1999	2001										Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 [§]
	of students			2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
		who trie	ed or use	ed tobac	co prod	lucts for	r the firs	st time (during t	he 12 m	onths b	efore			
										9.4	7.3	9.0	No linear change	Not available [¶]	No change
QN106: Percentage of	of students	who liv	e with so	omeone	who no	ow smol	kes ciga	rettes or	r cigars		<u> </u>				:
									22.9	22.7	16.6	12.6	Decreased, 2013-2018	Not available	No change
QN107: Percentage of allowed anywhere ins								home i	is that sr	noking	is not				
											86.8	88.4	No linear change	Not available	No change
QN108: Percentage of during the 7 days before			ere in the	e same r	oom wi	th some	eone wh	o was si	moking	(on at le	east one	day			
		•									19.0	20.3	No linear change	Not available	No change

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

Maryland High School Survey

Montgomery County

Trend Analysis Report

				H	lealth R	isk 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		
QN110: school y		tage of :	students	who we	ere taug	ht in the	eir classe	es about	the dan	gers of	tobacco	o use (d	uring the	e last			
											69.8	67.6	62.0	62.2	Decreased, 2013-2018	Not available [¶]	No change
QN117: riends	Percen	tage of a	students	who sa	y defini	tely yes	or prob	ably yes	that yo	ung peo	ople wh	o smok	e have n	nore			
											22.1	17.9	17.0	30.1	Increased, 2013-2018	Not available	Increased
QN118: cool or f		tage of	students	who sa	y defini	tely yes	or prob	ably yes	that sm	oking r	nakes y	oung p	eople lo	ok			
											16.2	13.5	13.3	20.2	Increased, 2013-2018	Not available	Increased
QN119: parents i							rtable se r life	eking h	elp fron	n one or	r more a	adults b	esides th	neir			
			-	-							78.9	82.4	82.7	80.5	No linear change	Not available	No change

White*

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

Maryland High School Survey

Montgomery County

Trend Analysis Report

Black*	
Injury and	Violence

				E	Iealth F	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	-		
QN9: I or more						driver w rvey)	ho had l	been dri	nking al	lcohol (i	in a car	or other	vehicle	, one			
											19.4	15.8	9.0	8.8	Decreased, 2013-2018	Not available [¶]	No change
QN13: day dur						eapon o	n schoo	l proper	ty (such	as a gu	ın, knife	, or club	o, on at	least 1			
											3.3	2.4	5.6	4.2	No linear change	Not available	No change
						un (not o it 1 day o							for hur	nting			
													3.1	3.0	No linear change	Not available	No change

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

Maryland High School Survey

Montgomery County

Trend Analysis Report

Black* Injury a	nd Viol	ence															
				E	lealth R	Risk Bel	navior a	nd Pero	centage	S					Linear Change [†]	Quadratic Change †	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	4 2010	5 2018	-		
QN16: knife, o										on scho	ol prop	erty (su	ich as a	gun,			
											8.8	7.5	6.4	5.3	No linear change	Not available [¶]	No change
QN18: months				who we	re in a p	hysical	fight on	school	property	(one o	r more	times d	uring th	e 12			
											17.2	11.5	11.5	13.3	No linear change	Not available	No change
QN22: someon with an went ou	e they w object o	vere dati or weapo	ng or go on] one o	oing out or more	with [co times du	ounting aring the	such thi e 12 mor	ngs as b nths bef	eing hit	, slamm	ned into	sometl	hing, or	injured			
											9.1	9.3	7.0	10.8	No linear change	Not available	No change

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

Maryland High School Survey

Montgomery County

Trend Analysis Report

Black* Injury a	nd Viol	ence		H	Iealth F	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			
QN23:	Percent	age of s	tudents	who we	re bullie	d on scl	nool pro	perty (e	ver duri	ng the 1	2 mont	hs befo	re the su	rvey)			
											16.7	14.9	15.0	14.8	No linear change	Not available [¶]	No change
QN24: Faceboo											d throug 11.8	gh textir 12.8	ng, Insta 13.0	gram, 8.8	No linear change	Not available	No change
QN25: stopped	Percenta doing s										eks in a 28.7	row so 27.0	that the 28.3	y 33.8	No linear change	Not available	No change

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

Maryland High School Survey

Montgomery County

Trend Analysis Report

Black*		
Injury	and	Violence

				E	lealth F	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		
QN26: survey)	Percent	age of s	tudents v	who seri	iously c	onsidere	ed attem	pting su	icide (e	ver duri	ng the 1 13.9			re the 17.4	No linear change	Not available¶	No change
QN27: before t		0	tudents	who ma	de a pla	n about	how the	y would	l attemp	ot suicid		0	2 month 12.7	s 16.4	Increased, 2013-2018	Not available	No change

Maryland High School Survey

Montgomery County

Trend Analysis Report

Black* Tobacco	Use			H	lealth F	Risk Beł	navior a	and 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	-		
QN32: I survey)	Percenta	age of st	udents v	who cur	rently si	moked c	igarette	s (on at	least 1 o	lay duri	ng the :	30 days	before	the			
											7.3	4.5	4.5	2.3	Decreased, 2013-2018	Not available [¶]	No change
QNFRC days befo			of stude	ents who	o curren	tly smol	ked ciga	arettes fi	requentl	y (on 20) or mo	re days	during t	he 30			
											0.6	0.9	0.5	0.0	Not available	Not available	Not available
QNDAY before th			ge of stu	udents v	who curr	rently sn	noked ci	igarettes	s daily (on all 30) days c	luring th	ne 30 da	iys			
											0.6	0.8	0.3	0.0	Not available	Not available	Not available
QN34: I vape pipe eGo, and	es, vapi	ng pens															
												37.7	31.5	30.6	No linear change	Not available	No change

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

Maryland High School Survey

Montgomery County

Trend Analysis Report

Black* **Tobacco Use** Health Risk Behavior and Percentages Linear Change[†] Quadratic Change[†] Change from 2016-2018 § 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QN35: Percentage of students who currently used an electronic vapor product (including e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs, and hookah pens [such as blu, NJOY, Vuse, MarkTen, Logic, Vapin Plus, eGo, and Halo], on at least 1 day during the 30 days before the survey) 16.5 6.1 12.4 No linear change Not available[¶] No change ONFREVP: Percentage of students who currently used electronic vapor products frequently (on 20 or more days during the 30 days before the survey) 1.6 0.5 1.7 No linear change Not available No change QNDAYEVP: Percentage of students who currently used electronic vapor products daily (on all 30 days during the 30 days before the survey) 0.2 No linear change Not available No change 1.2 1.2 ONTB5: Percentage of students who currently smoked cigarettes or used electronic vapor products (on at least 1 day during the 30 days before the survey) 19.0 9.5 13.8 No linear change Not available No change

*Non-Hispanic.

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

Based on t-test analysis, p < 0.05.

Not enough years of data to calculate.

Maryland High School Survey

Montgomery County

Trend Analysis Report

				E	Iealth F	Risk Beh	navior a	nd Per	centage	s					Linear Change ^{\dagger}	Quadratic Change [†]	Change from 2016-2018 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	201	8		
QN37: dissolva vapor pr	ble toba	icco pro	ducts [s	uch as C	Copenha	gen, Gri	izzly, Sł	coal, or	Camel S	0	,	, 1 ,	,	nic			
													25	3.1	N. 1'	NT - (NT 1
													3.5	5.1	No linear change	Not available [®]	No change
QN38: during tl					rently si	moked c	igars (c	igars, ci	garillos	, or little	e cigars	, on at l			No linear change	Not available	No change
					rently si	moked c	igars (c	igars, ci	garillos	, or little	e cigars 9.9	, on at l 7.8			Decreased, 2013-2018	Not available	No change
	he 30 da	nys befor ntage of	re the su	irvey)				-	_		9.9	7.8	east 1 da 4.4	ay 2.3			

Black*

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

Maryland High School Survey

Montgomery County

Trend Analysis Report

				H	lealth R	tisk Bel	navior a	nd Pero	centage	S					Linear Change [†]	Quadratic Change †	Change from 2016-2018 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN40:	Percenta	age of st	udents	who had	their fi	rst drink	of alco	hol befo	ore age	13 years	s (other	than a f	ew sips)			
											19.9	15.5	14.5	15.1	No linear change	Not available [¶]	No change
QN41: the 30 d				who cur	rently d	rank alc	ohol (at	least on	ne drink	of alcol	hol, on a	at least	day du 18.0	uring 8.5	Decreased, 2013-2018	Not available	Decreased
the 30 d QN42: female s	ays before Percentation	age of st	urvey) udents v or more	who curr who curr drinks c ne surve	rently w	vere bing	ge drink	ing (had	l four or	more d	26.3	17.7	18.0 in a ro	8.5	Decreased, 2013-2018	Not available	Decreased

Maryland High School Survey

Montgomery County

Trend Analysis Report

Black* Alcohol	and Ot	her Dru	ıg Use	ł	Iealth 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			
QN45:	Percent	age of s	tudents	who eve	er used r	narijuan	a (one c	or more	times dı	uring the	eir life)						
											39.0	31.5	30.9	25.5	Decreased, 2013-2018	Not available [¶]	No change
QN46:	Percent	age of s	tudents	who trie	d mariji	uana for	the first	t time be	efore ag	e 13 yea	ars						
											9.7	6.9	5.4	5.9	No linear change	Not available	No change
QN47:	Percent	age of s	tudents	who cur	rently u	sed mar	ijuana (o	one or n	nore tim	es durir	ng the 3	0 days b	efore th	ie			
survey)											21.8	18.6	17.2	14.5	No linear change	Not available	No change
QN48:	Percent	age of s	tudents	who eve	er used s	synthetic	marijua	ana (one	e or mor	e times	during	their life	e)				
												6.3	5.0	4.7	No linear change	Not available	No change

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

Maryland High School Survey

Montgomery County

Trend Analysis Report

Black*		
Alcohol and	Other Drug Us	se

				F	Iealth R	Risk 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	_		
QN49: differen Hydroco	tly than	how a c	loctor to	ld them	to use i	t (counti	ing drug	s such a	ne withc is codeir	out a do ne, Vico	ctor's pr odin, Ox	escripti xyConti	on or 1,				
													9.8	14.3	Increased, 2016-2018	Not available [¶]	Increased
QN50: one or n					er used c	ocaine (any form	n of coc	caine, in	cluding	powder	r, crack,	or free	base,	· · · ·		
											5.7	3.8	4.2	3.3	No linear change	Not available	No change
QN52: times du			tudents	who eve	er used h	eroin (a	lso calle	ed "smac	ck," "jur	1k," or '	'China V	White,"	one or	more			
											4.8	3.2	3.6	2.4	No linear change	Not available	No change
QN53: "ice," or							hetamir	nes (also	called	"speed,'	" "crysta	al meth,	" "cran	k,"			
											5.2	2.9	2.7	2.4	No linear change	Not available	No change

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

Maryland High School Survey

Montgomery County

Trend Analysis Report

Black* Alcohol and O	ther Dru	ıg Use	I	Health F	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	8		
QN54: Percer	tage of s	tudents	who eve	er used e	ecstasy (also call	ed "MD	•МА," с	one or m	nore time	es durin	g their	life)			
										7.1	5.1	4.2	2.4	Decreased, 2013-2018	Not available [¶]	No change
QN56: Percen body, one or n					ed any il	llegal dr	ug (usec	l a need	le to inj	ect any	illegal c	lrug int	o their			,
body, one of h		5 during	, uicii iii							3.3	3.5	2.6	2.8	No linear change	Not available	No change
QN57: Percen months before			who we	re offere	ed, sold,	or give	n an ille	gal drug	g on sch	ool prop	erty (dı	iring th	e 12			
										31.7	31.2	24.1	22.9	Decreased, 2013-2018	Not available	No change

Maryland High School Survey

Montgomery County

Trend Analysis Report

Sexual B	Behavio	rs		H	Iealth F	Risk Beh	navior a	nd Pero	centage	s					Linear Change [†]	Quadratic Change †	Change from 2016-2018 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN58:	Percent	age of s	tudents	who eve	er had se	exual inte	ercourse	;			31.3	25.1	25.6	21.1	Decreased, 2013-2018	Not available [¶]	No change
QN59:	Percent	age of s	tudents	who had	l sexual	intercou	irse for t	he first	time be	fore ag	e 13 yea 6.6	ars 3.9	4.3	2.4	Decreased, 2013-2018	Not available	No change
QN60:	Percent	age of s	tudents	who had	l sexual	intercou	irse with	n four oi	more p	persons	during t 11.5	their life 6.8	5.6	5.9	Decreased, 2013-2018	Not available	No change
QN61: during t					re currei	ntly sexu	ally act	ive (had	l sexual	interco	urse wi 20.5	th at lea	st one po 16.5	erson, 13.0	No linear change	Not available	No change

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

Maryland High School Survey

Montgomery County

Trend Analysis Report

Black*	
Sexual Behaviors	

				H	lealth R	tisk Beh	avior a	nd Perc	centage	s					Linear Change [†]	Quadratic Change †	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN84: done if		U		who wei	e ever t	ested for	r human	ı immun	odeficie	ency vir	us (HIV) (not c 13.7	ounting 16.6	tests 12.4	No linear change	Not available [¶]	No change

Maryland High School Survey

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Trend Analysis Report

				H	ealth 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	-		
						erweigh data fro						tile for l	oody ma	ISS			
																	NY 1
											16.2	16.8	15.8	15.4	No linear change	Not available	No change
						besity (> growth			le for bo			1			No linear change	Not available	No change
									le for bo			1			No linear change No linear change	Not available Not available	No change
age-spe	cific refe	erence d	lata fron	n the 200)0 CDC		charts)	Î		ody mas	ss index 9.6	, based	on sex-	and			
ige-spe	cific refe	erence d	lata fron	n the 200)0 CDC	growth	charts)	Î		ody mas	ss index 9.6	, based	on sex-	and			
QN67:	cific refe Percenta	age of stage	lata fron	who dese	00 CDC	growth	charts) ¹ es as sli	ghtly or	· very ov	ody mas	9.6 ht 25.1	, based 10.3 23.4	on sex- 10.8 25.7	and 10.9 24.2	No linear change	Not available	No chang

*Non-Hispanic.

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

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

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.

**Not enough years of data to calculate.

Maryland High School Survey

Montgomery County

Trend Analysis Report

				H	lealth R	tisk Bel	navior a	nd Pero	centage	S					Linear Change [†]	Quadratic Change †	Change from 2016-2018 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QN70:	Percenta	age of st	tudents	who did	not eat	fruit (or	ne or mo	ore times	s during	the 7 da	ays befo	ore the s	urvey)				
											10.1	17.0	20.6	15.0	NY 1' 1	NT- (NT - 1
											18.1	17.8	20.6	15.8	No linear change	Not available [®]	No change
		ntage of luring th					or drink	100% fr	uit juice	es (such					No linear change	Not available [®]	No change
							or drink	100% fr	uit juice	es (such					No linear change	Not available	No chang
or grape	iuice, d		ne 7 days	s before	the surv	vey) or drank	100% f	ruit juic	es one c		as oran 6.9	ge juice 7.6	apple j 8.9	uice,			

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

Maryland High School Survey

Montgomery County

Trend Analysis Report

		ement a		H	lealth R	Risk Beh	avior a	nd Pero	centage	S					Linear Change [†]	Quadratic Change †	Change from 2016-2018 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QNFR2 orange										or more	times p	er day (such as				
											35.4	32.6	28.0	26.4	Decreased, 2013-2018	Not available [¶]	No change
QN71:	Percenta	age of s	udents	who did	not eat	green sa	lad (one	e or mor	e times	during	the 7 da	ys befo	ore the su	urvey)			
											39.5	46.2	49.0	48.8	Increased, 2013-2018	Not available	No change
QN72:	Percenta	age of s	udents	who did	not eat	potatoes	s (one or	r more ti	imes du	ring the	e 7 days	before	the surv	ey)			
											42.9	49.1	49.4	48.2	No linear change	Not available	No change
												;					
QN73:	Percenta	age of s	udents	who did	not eat	carrots (one or r	nore tin	nes duri	ng the 7	7 days b	efore th	e survey	y)			

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

Maryland High School Survey

Montgomery County

Trend Analysis Report

Black* Weight Management and Dietary Behaviors

Health Risk Behavior and Percentages	Linear Change [†]	Quadratic Change †	Change from 2016-2018 [§]
1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018			
QN74: Percentage of students who did not eat other vegetables (one or more times during the 7 days before the survey)			
18.5 24.6 25.2 20.3	No linear change	Not available [¶]	No change
QNVEG0: Percentage of students who did not eat vegetables (green salad, potatoes [excluding French fries, fried potatoes, or potato chips], carrots, or other vegetables, during the 7 days before the survey)			
7.0 12.6 13.3 11.7	No linear change	Not available	No change
QNVEG1: Percentage of students who ate vegetables one or more times per day (green salad, potatoes [excluding French fries, fried potatoes, or potato chips], carrots, or other vegetables, during the 7 days before the survey)			
59.4 51.6 52.0 45.9 D	Decreased, 2013-2018	Not available	No change

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Trend Analysis Report

				Н	lealth R	lisk Beł	avior a	nd Pero	centages	8					Linear Change [†]	Quadratic Change †	Change from 2016-2018 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QNVEC French f																	
											25.8	24.3	20.9	17.1	No linear change	Not available [¶]	No change
			- f - t - 1 -				1	more ti		1 (1					
QNVEC [excludi survey)														the			
[excludi												ie 7 day		the 10.4	No linear change	Not available	No change
[excludi	ng Frend Percenta	ch fries,	fried po	who did	or potat	o chips] lk a can	, carrots	, or othe	er vegeta	ables, di	uring th 15.6	ie 7 day 12.4	s before 10.8	10.4	No linear change	Not available	No change

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

Maryland High School Survey

Montgomery County

Trend Analysis Report

Black* Weight]	Manage	ement a	nd Dieta	•	aviors Iealth R	lisk Beh	navior a	and 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	-		
QNSOE (such as													y)	ay 9.9	No linear change	Not available¶	No change
QNSOE (such as														ay			
											9.2	7.8	6.8	4.6	No linear change	Not available	No change

Maryland High School Survey

Montgomery County

Trend Analysis Report

Black*	
Physical Activity	

Health Risk Behavior and Percentages				Linear Change †	Quadratic Change [†]	Change from 2016-2018 §
1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 201	13 2014	2016	2018			
QN78: Percentage of students who were physically active at least 60 minutes per day on 5 kind of physical activity that increased their heart rate and made them breathe hard some of days before the survey)						
38.3	39.7	35.1	35.7	No linear change	Not available [¶]	No change
QNPA0DAY: Percentage of students who did not participate in at least 60 minutes of phys 1 day (in any kind of physical activity that increased their heart rate and made them breathed uring the 7 days before the survey)						
21.1	21.6	28.8	22.4	No linear change	Not available	No change
QNPA7DAY: Percentage of students who were physically active at least 60 minutes per da kind of physical activity that increased their heart rate and made them breathe hard some of days before the survey)						
22.1	22.4	17.5	18.7	No linear change	Not available	No change

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

Maryland High School Survey

Montgomery County

Trend Analysis Report

				E	lealth F	Risk Beh	avior a	nd Pero	centage	S					Linear Change [†]	Quadratic Change †	Change from 2016-2018 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
2N79: !	Percenta	age of s	tudents	who wat	tched te	levision	3 or mo	ore hour	s per da	y (on an	n averag	e schoo	l day)				
											34.0	23.2	20.7	23.5	Decreased, 2013-2018	Not available [¶]	No change
countin	g time s	spent on	things s	such as 2	Xbox, P	eo or cor layStatio someth	on, an il	Pad or o	ther tabl	let, a sn	nartphor	ne, texti	ng, Ŷou	Tube,	Increased, 2013-2018	Not available	No chang
countin nstagran	g time s m, Face Percenta	spent on book, o	things s r other s	such as 2 social me	Xbox, P edia, foi	layStatio	on, an il ing that	Pad or o was no	ther tabl	let, a sm work, c	nartphor on an av 35.7	ne, texti verage so 36.1	ng, Ŷou chool da 36.5	Tube, 19) 43.8	Increased, 2013-2018	Not available	No chang

Black*

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

Maryland High School Survey

Montgomery County

Trend Analysis Report

Black*	
Physical Activity	

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				E	Iealth F	Risk Beł	avior a	nd Pero	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			
-	YPE: Pe hen they	0			no attend	led phys	ical edu	cation (PE) clas	sses on	-		C			N	N. I
											24.9	27.0	26.9	29.8	No linear change	Not available [¶]	No change
	Percenta uring the					ussion f	om play	ving a sp	ort or b	eing ph	ysically	active	(one or	more			
													14.5	12.8	No linear change	Not available	No change

Maryland High School Survey

Montgomery County

Trend Analysis Report

Black* Other				H	lealth R	lisk Beł	navior a	nd Pero	entage	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		
QN86: during t						st (for a	check-ı	ıp, exan	n, teeth	cleaning	g, or oth	er denta	ıl work	,			
												72.5	71.6	75.6	No linear change	Not available [¶]	No change
QNNOI work)	ONT: Pe	ercentag	e of stu	dents w	ho neve	r saw a o	dentist (for a ch	eck-up,	exam, t	eeth clea	aning, c	or other	dental			
												3.4	2.1	2.8	No linear change	Not available	No change
QN87:	Percenta	ige of st	udents v	who had	l ever be	en told	by a doo	tor or n	urse tha	it they h	ad asthr	na					
											28.0	26.6	25.8	20.5	Decreased, 2013-2018	Not available	Decreased

Maryland High School Survey

Montgomery County

Trend Analysis Report

Black* Site-Ado	led			ł	Iealth F	Risk Beh	avior a	nd Pero	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN90:	Percent	age of st	tudents	who are	transge	nder			;				3.7	0.8	Decreased, 2016-2018	Not available [¶]	Decreased
QN93: before t									g (on at	least 1	day dur	ring the	30 days 20.9	15.1	No linear change	Not available	No change
QN94:	Percent	age of st	tudents	who sm	oked a v	whole cig	garette b	efore ag	ge 13 ye	ears (for	the firs	st time)					
											6.3	5.4	7.2	3.6	No linear change	Not available	Decreased
QN98: day duri						bacco in	a hooka	h, nargl	hile, or o	other tyj	pe of wa	aterpipe	(on at le 3.1	east 1 0.9	No linear change	Not available	Decreased

Maryland High School Survey

Montgomery County

Trend Analysis Report

Black* Site-Add	ed			H	lealth F	tisk Beł	navior a	Linear Change [†]	Quadratic Change †	Change from 2016-2018 [§]							
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	i		
	QN101: Percentage of students who have ever used an electronic vapor product to smoke marijuana, THC or hash oil, or THC wax																
													5.9	11.4	Increased, 2016-2018	Not available [¶]	No change
	QN102: Percentage of students who think they definitely or probably will smoke a cigarette, cigar, cigarillo, or little cigar in the next year																
													12.6	10.4	No linear change	Not available	No change
	QN103: Percentage of students who used flavored tobacco products (flavored cigars, cigarillos, or little cigars, flavored smokeless tobacco products, or both, not counting menthol cigarettes, during the 30 days before the survey)																
											12.9	8.6	5.0	1.6	Decreased, 2013-2018	Not available	Decreased
QN104: the surve		tage of	students	s who tri	ed or us	sed toba	cco proc	lucts for	r the firs	st time (during t	he 12 m	onths b	efore			
												8.7	5.3	4.7	Decreased, 2014-2018	Not available	No change

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

Maryland High School Survey

Montgomery County

Trend Analysis Report

Black* Site-Add															Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN106:	Percer	ntage of	student	s who liv	ve with a	someone	e who n	ow smol	kes ciga	rettes o	r cigars 27.2	27.5	19.2	19.0	Decreased, 2013-2018	Not available [¶]	No change
QN107: allowed										home i	is that s	moking	is not 83.8	91.1	Increased, 2016-2018	Not available	Increased
QN108: during th					ere in th	ne same i	room w	th some	eone wh	o was s	moking	(on at l	east one 13.7	day 13.7	No linear change	Not available	No change
QN110: school y		ntage of	student	s who w	ere taug	ht in the	eir classe	es about	the dan	gers of	tobacco 74.0	o use (du 63.6	uring the	e last 64.7	Decreased, 2013-2018	Not available	No change

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

Maryland High School Survey

Montgomery County

Trend Analysis Report

Black* Site-Ado	led			H	Iealth F	Risk Bel	navior a	nd Pero	Linear Change †	Quadratic Change [†]	Change from 2016-2018 [§]						
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN117: friends	Percer	ntage of	students	s who sa	y defini	tely yes	or prob	ably yes	that yo	ung peo	ple wh	o smoke	e have n	nore			
											49.2	42.9	45.3	40.6	No linear change	Not available [¶]	No change
QN118: cool or		ntage of	students	s who sa	y defini	tely yes	or prob	ably yes	that sm	oking r	nakes y	oung pe	ople lo	ok			
00101	ni m										32.2	24.3	25.1	22.8	No linear change	Not available	No change
QN119: parents								eking h	elp fron	n one or	more a	dults be	esides th	neir			
•	5		*	•		c					72.0	74.4	74.1	73.5	No linear change	Not available	No change

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

Maryland High School Survey

Montgomery County

Trend Analysis Report

Hispanic	
Injury and	Violence

				Н	ealth Ri	isk Beha	avior ar	nd Perco	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN9: Pe or more t		0					ho had l	been dri	nking al	cohol (in a car	or othe	r vehicle	e, one			
											24.5	18.1	14.6	10.9	Decreased, 2013-2018	Not available [§]	Decreased
QN10: P times dur days befo	ring the	e 30 day	s before														
											9.6	7.1	5.0	3.4	No linear change	Not available	No change
QN11: P the 30 da survey)																	
											33.6	26.7	27.5	21.1	No linear change	Not available	No change

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

[§]Not enough years of data to calculate.

Maryland High School Survey

Montgomery County

Trend Analysis Report

Hispanic Injury and Violence

	Health Risk Behavior and Percentages															Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	8		
QN13: day duri						eapon o	on schoo	l proper	ty (such	i as a gu	ın, knife	e, or clul	o, on at	least 1			
											6.0	3.4	6.9	3.4	No linear change	Not available [§]	Decreased
	N14: Percentage of students who carried a gun (not counting the days when they carried a gun only for hunting for a sport such as target shooting, on at least 1 day during the 12 months before the survey)																
													4.9	1.8	Decreased, 2016-2018	Not available	Decreased
QN16:							injured before t			on scho	ol prop	erty (suc	ch as a g	gun,			
,																	

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

Montgomery County

Trend Analysis Report

Hispanic Injury and Violence

1991 1	1993								C						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
		1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN18: Pe months be				who wer	e in a pl	hysical f	ight on	school j	property	(one of	r more t	times du	iring the	e 12			
											14.3	10.2	12.9	9.6	No linear change	Not available [§]	No change
QN22: Pe someone the with an ob- went out w	they we	ere datii weapo	ng or go n] one c	ing out or more t	with [co times du	ounting s uring the	such thir 12 mor	ngs as b oths befo	eing hit	, slamm	ed into	someth	ing, or i	njured			
											11.6	12.8	7.8	11.8	No linear change	Not available	No change
QN23: Pe	ercenta	ge of st	udents v	who wer	e bullie	d on sch	ool prop	perty (ev	ver duri	ng the 1	2 mont	hs befo	re the su	irvey)			
											18.0	18.9	15.6	12.1	Decreased, 2013-2018	Not available	No change

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

[§]Not enough years of data to calculate.

Maryland High School Survey

Montgomery County

Trend Analysis Report

Hispanic njury and Violence	H	ealth Ri	sk Beha	avior ar	nd Perc	entages						Linear Change [*]	Quadratic Change*	Change from 2016-2018 [†]
1991 1993 1995 1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN24: Percentage of students Facebook, or other social med								d throug	gh textii	ng, Insta	gram,			
								12.7	14.9	12.9	8.7	Decreased, 2013-2018	Not available [§]	Decreased
QN25: Percentage of students stopped doing some usual acti								eks in a	row so	that the	у			
								30.7	35.1	34.7	34.5	No linear change	Not available	No change
QN26: Percentage of students survey)	who seri	iously co	onsidere	d attem	pting su	icide (e	ver duri	ng the	12 mon	hs befo	re the			
								15.5	19.8	16.2	14.3	No linear change	Not available	No change
QN27: Percentage of students before the survey)	who mae	de a plar	n about l	how the	y would	1 attemp	t suicid	e (durir	ng the 1	2 month	S			
								13.5	14.9	13.8	12.4	No linear change	Not available	No change

Maryland High School Survey

Montgomery County

Trend Analysis Report

lispanic `obacco l	Use			H	ealth R	isk Beh	avior ar	nd Perc	entages						Linear Change [*]	Quadratic Change*	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN32: I survey)	Percenta	age of st	udents	who cur	rently s	moked c	cigarette	s (on at	least 1 o	lay duri	ing the 3	30 days	before	he			
											12.2	8.3	8.4	5.6	Decreased, 2013-2018	Not available [§]	No change
QNFRC			of stud	ents who	o curren	ntly smo	ked ciga	rettes fi	requentl	y (on 20) or mo	re days	during (he 30			
											2.3	1.8	2.0	0.9	No linear change	Not available	No change
QNDAY before th			ge of sti	idents v	who curi	rently sn	noked ci	garettes	s daily (on all 3	0 days c	luring tl	ne 30 da	iys			
											1.2	1.3	1.7	0.5	No linear change	Not available	No change
QN34: I vape pip eGo, and	es, vapi	ng pens															
												43.8	41.0	37.6	No linear change	Not available	No change

Maryland High School Survey

Montgomery County

Trend Analysis Report

Hispanic
Tobacco Use

				He	ealth Ri	sk Beha	ivior 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	-		
-pipes,	vape pi	pes, vap	ing pens	s, e-hool	rently us kahs, an during th	d hooka	h pens [:	such as	blu, NJ								
												21.2	13.3	16.8	No linear change	Not available [§]	No change
	VP: Pe he 30 da				o curren	tly used	electror	nic vapo	or produ	cts freq	uently (on 20 c	or more	days			
												2.9	0.7	2.6	No linear change	Not available	No change
	YEVP: ays befo			udents v	who curr	ently us	ed elect	ronic va	por pro	ducts da	aily (on	all 30 c	lays du	ring			
												2.1	0.6	1.5	No linear change	Not available	No change
	Perceing the 3				urrently y)	smoked	cigarett	es or us	ed elect	ronic v	apor pro	oducts	(on at le	east 1			
day duri																	

Maryland High School Survey

Montgomery County

`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	201	8		
QN37: dissolva vapor pi	ble toba	cco pro	ducts [si	uch as C	Copenha	gen, Gri	izzly, Sk	coal, or	Camel S					nic			
													E 4	4 1	N. Passa Isaa	NT / 1118	
													5.4	4.1	No linear change	Not available [§]	No change
					rently si	moked c	igars (c	igars, ci	garillos	, or little	e cigars	, on at le			No linear change	Not available ³	No change
					rently si	moked c	igars (c	igars, ci	garillos	, or little	e cigars 12.5	, on at le 8.0			Decreased, 2013-2018	Not available ³	No change
QN38: during t QNTB2 before t	he 30 da	hys befor ntage of	re the su	irvey)							12.5	8.0	east 1 da 8.3	ay 4.1			

Maryland High School Survey

Montgomery County

Trend Analysis Report

Hispanic			
Alcohol and	Other	Drug	Use

				Н	ealth Ri	isk Beha	avior ar	nd Perce	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN40: I	Percent	age of s	tudents	who hac	l their fi	rst drink	of alco	hol befo	ore age 1	13 years	s (other	than a f	ew sips)			
											20.0	21.0	16.9	13.2	Decreased, 2013-2018	Not available [§]	Decreased
QN41: I the 30 da				who cur	rently d	rank alco	ohol (at	least on	e drink	of alco	hol, on	at least	1 day di	ıring			
											27.6	26.0	23.2	15.3	Decreased, 2013-2018	Not available	Decreased
QN42: I female st day durit	tudents	or five	or more	drinks o	of alcoh												
													10.9	7.4	No linear change	Not available	No change

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Trend Analysis Report

				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		
QN45:	Percenta	age of st	tudents	who eve	er used n	narijuan	a (one o	or more	times du	aring the	eir life)						
											37.0	35.2	31.5	28.4	Decreased, 2013-2018	Not available [§]	No change
QN46:	Percenta	age of st	tudents	who trie	d mariju	ana for	the first	time be	efore age	e 13 yea	ars						,
											9.3	8.3	6.4	5.4	Decreased, 2013-2018	Not available	No change
QN47: survey)	Percenta	age of st	tudents	who cur	rently u	sed mari	ijuana (o	one or n	nore tim	es durir	ng the 30) days b	efore th	e			
<u>,</u> ,											20.0	19.0	18.0	16.2	No linear change	Not available	No change
QN48:	Percenta	age of st	tudents	who eve	er used s	ynthetic	marijua	ana (one	or more	e times	during t	heir life	e)				
												8.4	6.3	6.0	No linear change	Not available	No change

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

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Trend Analysis Report

Hispanic Alcohol and Other Drug Use

				H	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	3		
QN49: different Hydroco	ly than	how a d	loctor to	ld them	to use it	t (counti	ng drug	s such a									
													13.4	11.9	No linear change	Not available [§]	No change
QN50: 0 one or n					r used c	ocaine (any form	n of coc	aine, in	cluding	powde	r, crack,	or free	base,			
											9.7	6.2	6.4	4.3	No linear change	Not available	No change
QN52: times du			tudents	who eve	r used h	eroin (al	lso calle	d "smac	:k," "jur	nk," or "	China V	White,"	one or	more			
											5.6	4.0	3.9	2.2	Decreased, 2013-2018	Not available	No change
QN53: " "ice," or							hetamin	es (also	called	"speed,'	' "crysta	al meth,	" "cranl	۲,"			
											6.6	4.2	4.6	2.2	No linear change	Not available	No change

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Hispanic Alcohol a		er Druş	g 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		
QN54: 1	Percenta	age of st	tudents	who eve	er used e	cstasy (also call	ed "ME	9МА," с	one or m	nore tim	es durin	g their l	ife)			
											10.7	7.3	5.2	4.7	Decreased, 2013-2018	Not available [§]	No change
QN56: 1 body, on						ed any il	legal dr	ug (useo	l a need	le to inj	ect any	illegal c	lrug into	o their			
			U		,						5.0	3.2	3.3	3.7	No linear change	Not available	No change
QN57: 1				who we	re offere	ed, sold,	or give	n an ille	gal drug	g on sch	ool proj	perty (du	iring the	e 12			
months l	beiore ti	ne surve	;y)								38.9	32.3	28.0	22.1	Decreased, 2013-2018	Not available	Decreased

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				H	ealth Ri	isk Beha	avior an	d Perco	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN58:	Percenta	age of st	udents v	who eve	r had se	xual inte	ercourse	;		-	38.4	34.5	31.8	30.2	No linear change	Not available [§]	No change
QN59:	Percenta	age of st	udents v	who had	sexual	intercou	rse for t	he first	time be	fore age	e 13 yea 7.2	rs 5.0	3.6	3.5	No linear change	Not available	No change
QN60:	Percenta	age of st	udents v	who had	sexual	intercou	rse with	i four or	more p	ersons	during t 11.8	heir life 8.4	7.6	7.2	No linear change	Not available	No change
QN61: during t					e currei	ntly sexu	ally act	ive (had	l sexual	interco	urse wit 26.8	h at lea	st one po 22.0	erson, 21.2	No linear change	Not available	No change

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Montgomery County

Trend Analysis Report

Hispanic Sexual Behaviors

				Н	ealth Ri	isk Beha	avior an	d Perce	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN84: done if		0		who wei	re ever t	ested for	r human	immun	odeficie	ency vir	us (HIV						
												15.2	15.3	13.4	No linear change	Not available [§]	No change

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Trend Analysis Report

Hispanic Weight Management and Dietary Behaviors Health Risk Behavior and Percentages Linear Change* Quadratic Change* **Change from** 2016-2018 * 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QNOWT: Percentage of students who were overweight (>= 85th percentile but <95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts)[§] 19.5 18.4 15.0 22.7 No linear change Not available[¶] Increased ONOBESE: Percentage of students who had obesity (>= 95th percentile for body mass index, based on sex- and age-specific reference data from the 2000 CDC growth charts)§ 10.2 12.3 12.1 15.3 No linear change Not available No change QN67: Percentage of students who described themselves as slightly or very overweight 28.6 33.8 31.4 34.7 No linear change Not available No change QN69: Percentage of students who did not drink fruit juice (100% fruit juices one or more times during the 7 days before the survey) 20.3 23.4 29.3 28.6Increased, 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.

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. [†]Not enough years of data to calculate.

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Trend Analysis Report

Hispanic Weight Management and Dietary Behaviors Health Risk Behavior and Percentages Linear Change^{*} Quadratic Change* **Change from** 2016-2018 * 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QN70: Percentage of students who did not eat fruit (one or more times during the 7 days before the survey) 14.0 14.7 13.5 12.2 No linear change Not available§ No change ONFR0: Percentage of students who did not eat fruit or drink 100% fruit juices (such as orange juice, apple juice, or grape juice, during the 7 days before the survey) 4.9 8.9 8.0 6.9 No linear change Not available No change QNFR1: Percentage of students who ate fruit or drank 100% fruit juices one or more times per day (such as orange juice, apple juice, or grape juice, during the 7 days before the survey) 64.7 60.3 55.4 56.0 Decreased, 2013-2018 Not available No change

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Trend Analysis Report

				H	ealth Ri	isk Beha	avior an	d Perc	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	1		
						or drank the 7 da				or more	times p	er day (such as				
											35.5	30.3	26.2	30.6	No linear change	Not available [§]	No change
QN71:	Percent	age of s	tudents	who did	not eat	green sa	lad (one	e or moi	re times	during	the 7 da	iys befo	re the s	urvey)			
											31.3	37.9	39.4	39.8	Increased, 2013-2018	Not available	No change
QN72:	Percent	age of s	tudents	who did	not eat	potatoes	(one or	more t	imes du	ring the	7 days	before	the surv	ey)			
-											22.0	20.9	39.5	20.1	No linear change	Not available	No shanga
-											33.0	39.8	39.3	39.1	No mear change	Not available	No change
	Percent	age of s	tudents	who did	not eat	carrots (one or r	nore tin	nes duri	ng the 7						Not available	No change

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Trend Analysis Report

Hispanic Weight Management and Dietary Behaviors

				Н	ealth Ri	isk Beha	avior an	nd Perce	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	-		
QN74: Per survey)	rcenta	ge of st	udents	who did	not eat	other ve	getables	s (one oi	more t	imes du	ring the	e 7 days	before	the			
											19.2	21.0	22.2	17.0	No linear change	Not available [§]	No change
QNVEG0: potatoes, or												ng Fren	ch fries,	fried	,		
											8.5	8.6	9.2	8.3	No linear change	Not available	No change
QNVEG1: French frie																	
											63.7	57.8	56.4	59.5	No linear change	Not available	No change

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Trend Analysis Report

Hispanic Weight Management and Dietary Behaviors

			H	ealth Ri	sk Beha	avior an	nd Perce	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991 1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QNVEG2: Perc French fries, frie																
										28.6	27.1	24.1	24.6	No linear change	Not available [§]	No change
QNVEG3: Perc [excluding Frem survey)													e the			,
										14.8	15.6	12.4	13.5	No linear change	Not available	No change
QN75: Percenta Sprite, not coun										(such a	s Coke	Pepsi,	or			
										25.1	27.0	30.3	31.4	No linear change	Not available	No change

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Montgomery County

Hispanic
Weight Management and Dietary Behaviors

				H	ealth Ri	isk Beha	avior ar	nd Perce	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QNSOD (such as														ıy			
											16.2	14.8	10.6	7.3	Decreased, 2013-2018	Not available [§]	No change
QNSOD (such as		0				,	,	0						ıy			
											10.4	8.9	6.0	3.5	Decreased, 2013-2018	Not available	No change

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Trend Analysis Report

Hispanic Physical Activity

				H	ealth Ri	isk Beha	avior an	d Perce	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	5 2018	3		
QN78: kind of days be	physica	l activit	y that in														
5		, j									35.2	32.8	29.8	30.5	No linear change	Not available [§]	No change
QNPA0 1 day (in during t	n any k	ind of pl	hysical a	activity t													
											17.3	21.6	23.9	27.1	Increased, 2013-2018	Not available	No change
QNPA7 kind of days be	physica	l activit	y that in												·		
											19.3	16.0	14.3	17.2	No linear change	Not available	No change

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

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Trend Analysis Report

	Activity			Н	ealth Ri	sk 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	-		
QN79:	Percenta	age of st	udents v	who wat	ched tel	evision	3 or mo	re hours	s per da	y (on ar	n averag	e schoo	l day)				
											29.6	23.7	19.3	16.1	Decreased, 2013-2018	Not available [§]	No change
QN80: (countir Instagra	ng time s	pent on	things s	such as 2	Xbox, P	layStati	on, an iF	ad or o	ther tabl	let, a sn	nartphoi	ne, texti	ng, Ŷou	Tube,			
											35.5	38.8	38.9	36.1	No linear change	Not available	
											55.5	50.0	50.7	2011	i to inten enange		No change
QN81: week w					nded ph	iysical e	ducation	n (PE) c	lasses o	n 1 or r							No change

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Hispanic
Physical Activity

				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	-		
QNDLY week w					io attend	led phys	sical edu	cation (PE) cla	sses on		ys (in ai 27.1	-	ge 32.1	No linear change	Not available [§]	No change
QN83: times du					l a concu survey)	ussion fi	rom play	ying a sj	port or b	being ph	ysically	active	(one or 16.4	more 15.2	No linear change	Not available	No change

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Trend Analysis Report

Hispanic Other				H	ealth Ri	sk Beha	avior ar	nd Perce	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: 1 during th						st (for a	check-ı	up, exan	n, teeth	cleaning	g, or oth	ner denta 76.5	al work, 77.7	73.2	No linear change	Not available [§]	No change
QNNOE work)	ONT: Po	ercentag	ge of stu	dents w	ho neve	r saw a d	dentist (for a ch	eck-up,	exam, t	eeth cle	aning, c	or other 2.1	dental 4.1	No linear change	Not available	No change
QN87: 1	Percenta	age of st	tudents	who had	ever be	en told	by a doo	ctor or n	urse tha	at they h	ad asth 27.4	ma 27.7	26.3	26.6	No linear change	Not available	No change

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Trend Analysis Report

Hispanic Site-Add				Н	ealth R	isk Beh	avior ar	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	3		
QN90:	Percent	age of s	tudents	who are	transge	nder							3.4	0.4	Decreased, 2016-2018	Not available [§]	Decreased
QN93: before t						cell pho			ng (on at	t least 1	day dur	ing the	30 days 26.9	21.1	No linear change	Not available	No change
QN94:	Percent	age of s	tudents	who sm	oked a v	whole ci	garette ł	before a	ge 13 ye	ears (for	the firs	t time) 7.5	7.4	2.6	Decreased, 2013-2018	Not available	Decreased
QN98: day dur						bacco in	a hooka	ıh, nargi	hile, or o	other ty	pe of wa	aterpipe	(on at le 6.5	east 1 3.0	Decreased, 2016-2018	Not available	Decreased

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Trend Analysis Report

Hispanic Site-Added Health Risk Behavior and Percentages Linear Change* Quadratic Change* **Change from** 2016-2018 * 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QN99: Percentage of students who usually use a kind of flavoring other than tobacco flavor with an electronic vapor product (among students who have ever used an electronic vapor product) 94.1 94.8 93.2 No linear change Not available§ No change ON101: Percentage of students who have ever used an electronic vapor product to smoke marijuana, THC or hash oil. or THC wax 9.6 14.1 Increased, 2016-2018 Not available No change QN102: Percentage of students who think they definitely or probably will smoke a cigarette, cigar, cigarillo, or little cigar in the next year 16.7 10.9 Decreased, 2016-2018 Not available Decreased QN103: Percentage of students who used flavored tobacco products (flavored cigars, cigarillos, or little cigars, flavored smokeless tobacco products, or both, not counting menthol cigarettes, during the 30 days before the survey) 12.5 10.6 6.5 2.9 Decreased, 2013-2018 Not available Decreased

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Trend Analysis Report

Hispanic Site-Added Health Risk Behavior and Percentages Linear Change* Quadratic Change* **Change from** 2016-2018 * 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QN104: Percentage of students who tried or used tobacco products for the first time (during the 12 months before the survey) Not available§ 10.9 8.2 3.5 Decreased, 2014-2018 Decreased QN106: Percentage of students who live with someone who now smokes cigarettes or cigars 29.7 28.9 23.8 19.1 Decreased, 2013-2018 Not available No change QN107: Percentage of students who report the rule about smoking inside their home is that smoking is not allowed anywhere inside their home (not counting decks, garages, or porches) 85.2 89.0 No linear change Not available No change QN108: Percentage of students who were in the same room with someone who was smoking (on at least one day during the 7 days before the survey) 18.7 13.1 Decreased, 2016-2018 Not available Decreased

Maryland High School Survey

Montgomery County

Trend Analysis Report

				He	ealth Ri	isk Beha	avior an	d Perc	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN110: school ye		tage of	students	who we	ere taug	ht in the	ir classe	es about	the dan	gers of	tobacco	use (di	iring the	e last			
											72.6	61.8	61.5	58.9	Decreased, 2013-2018	Not available [§]	No change
	Percen	tage of	students	who sa	y defini	tely yes	or proba	ably yes	s that yo	ung pec	ple wh	o smok	e have n	nore			
	Percen	tage of	students	who sa	y defini	tely yes	or prob	ably yes	s that yo	ung pec	ple wh 47.7	o smoko 43.3	e have n 43.5	nore 37.4	Decreased, 2013-2018	Not available	No change
riends	Percen		students								47.7	43.3	43.5	37.4	Decreased, 2013-2018	Not available	No change
N118:	Percen										47.7	43.3	43.5	37.4	Decreased, 2013-2018 Decreased, 2013-2018	Not available Not available	No change No change
N118: N118: ool or fi N119:	Percen it in Percen	tage of		who sa	y defini	tely yes	or proba	ably yes	s that sm	oking n	47.7 nakes y 27.9	43.3 roung po 23.6	43.5 cople loc 22.9	37.4 bk 19.4	· · · · · · · · · · · · · · · · · · ·		

 *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.

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