Maryland High School Survey

				Healt	h Risk l	Behavio	r and P	ercenta	ges					Linear Change [*]	Quadratic Change [*]	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
							ho had b e survey		nking alo	cohol (ir	n a car o	r other				
							25.0	28.9	26.7	25.9	20.7	18.2	14.2	Decreased, 2005-2016	No change, 2005-2011 Decreased, 2011-2016	Decreased
QN10:				30 days l	before th	ne surve			hey had ts who ł							
		uring the	e 30 day	s before	the surv	/ey)										
			e 30 day	s before	the surv	/ey)					8.8	7.1	5.9	Decreased, 2013-2016	Not available ⁸	Decreased
other v QN11: 1 day d	Percent uring th	uring the	tudents	who tex	ted or e-	mailed			car or ot viven a c		cle (on a	at least	5.9	Decreased, 2013-2016	Not available [§]	Decreased

Maryland High School Survey

Trend Analysis Report

fotal njury a	and Viol	lence		Healt	h Risk I	Behavio	or and P	ercenta	ges					Linear Change*	Quadratic Change [*]	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
	Percent n at least							l proper	ty (such	as a gui	ı, knife,	or				
							6.9	5.9	4.6	5.3	4.8	4.3	7.4	Decreased, 2005-2016	Decreased, 2005-2013 Increased, 2013-2016	Increased
	Percent s a gun,											ty				
							11.7	9.6	9.1	8.4	9.4	7.2	7.8	Decreased, 2005-2016	No quadratic change	Increased
	Percent the 12 m					ohysical	fight on	school j	property	(one or	more ti	nes				
							14.9	12.4	11.2	11.0	14.3	12.2	12.2	Decreased, 2005-2016	No change, 2005-2013 Decreased, 2013-2016	No change
	Percent d not wa		tudents	who we	re ever j	physical	ly forced	d to hav	e sexual	interco	urse (wh	en				
											10.2	8.1	8.8	Decreased, 2013-2016	Not available [§]	Increased

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

Maryland High School Survey

Trend Analysis Report

			Healt	th Risk]	Behavio	r and P	ercenta	ges					Linear Change*	Quadratic Change*	Change from 2014-2016 [†]
1991 199	93 1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	-		
QN21: Per they were d being physi during the 1 the 12 mon	lating or go ically force 12 months	ing out v d to have pefore th	vith to d sexual e survey	o sexual intercou	l things irse] that	countin they di	g such th d not wa	hings as int to, or	kissing	, touchir	ng, or	6.0	Decreased, 2013-2016	Not available ⁸	Decreased
QN22: Per purpose by into someth	someone th ning, or inju	ney were red with	dating of an obje	or going ct or we	out with apon] or	n [count ne or mo	ng such re times	things a during	as being the 12 r	hit, slar nonths b	nmed efore				
the survey, survey)	among stu	dents wh	o dutod							11.1	10.1	9.9	Decreased, 2013-2016	Not available	No change
the survey,	centage of			re bullie	ed on sch	nool proj	perty (ev	ver durin 20.9	0	2 month		9.9	Decreased, 2013-2016 Decreased, 2009-2016	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

Trend Analysis Report

				Healt	h Risk	Behavio	r and P	ercenta	ges					Linear Change [*]	Quadratic Change [*]	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
		tage of s ed doing				hopeless						ow so				
inat the	, stopp		, some u	sual acti	ivities, e		29.7	23.2	25.1	25.4	27.0	26.8	29.9	No linear change	Decreased, 2005-2009 Increased, 2009-2016	Increased
QN26:	Percen	tage of s	tudents			onsidere	29.7	23.2	25.1	25.4	27.0		29.9	No linear change		Increased
QN26:	Percen		tudents				29.7	23.2	25.1	25.4	27.0		29.9 17.3	No linear change No linear change		Increased
QN26: months QN27:	Percen before Percen	tage of s the surv	tudents ey)	who ser	iously co		29.7 29.7 17.4	23.2 oting su 13.2	25.1 icide (ev 14.5	25.4 ver durin 16.2	27.0 ng the 12 16.0	15.9			Increased, 2009-2016 No change, 2005-2009	

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

Maryland High School Survey

Fotal Fobacco) Use			Healt	th Risk	Behavio	or and P	ercenta	iges					Linear Change*	Quadratic Change*	Change from
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			2014-2016 [†]
QN32: before t			students	who cu	rrently s	moked o	garette	s (on at	least 1 d	lay durir	ng the 30) days				
before t	ne surv	ey)					16.5	16.8	11.9	12.5	11.9	8.7	8.2	Decreased, 2005-2016	No quadratic change	No change
			e of stuc ore the s		io currei	ntly smo	ked ciga	rettes fr	equently	y (on 20	or more	days				
8							7.4	7.4	4.4	4.4	3.6	2.4	1.8	Decreased, 2005-2016	No quadratic change	Decreased
		Percent ore the		tudents	who cur	rently sr	noked ci	garettes	daily (o	on all 30	days du	iring				
	-		-				5.4	5.2	3.5	3.2	2.5	1.8	1.3	Decreased, 2005-2016	No quadratic change	Decreased
e-cigars	s, e-pipe	es, vape	pipes, v		ens, e-ho	an electr ookahs, a										
	,8-	., r	, -	,								37.6	35.3	Decreased, 2014-2016	Not available [§]	Decreased

Maryland High School Survey

Total Tobacc	co Use															
				Healt	h Risk I	Behavio	or and P	ercenta	iges					Linear Change [*]	Quadratic Change*	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	-		
e-cigan NJOY	: Percen rettes, e- , Vuse, N the surv	cigars, e AarkTen	-pipes, v	ape pip	es, vapii	ng pens,	e-hooka	ahs, and	hookah	pens [s	uch as b	lu, /s				
												20.0	13.3	Decreased, 2014-2016	Not available [§]	Decreased
	: Percen day duri						rigars (ci	igars, ci	garillos,	or little	cigars,	on at				
							11.6	11.0	12.7	12.9	12.5	10.3	9.0	Decreased, 2005-2016	No change, 2005-2013 Decreased, 2013-2016	Decreased
	2: Perce days bef			ts who c	urrently	smoked	l cigaret	tes or ci	gars (or	at least	1 day d	uring				
							20.9	22.0	19.6	19.0	18.2	14.4	12.9	Decreased, 2005-2016	Decreased, 2005-2013 Decreased, 2013-2016	Decreased

Maryland High School Survey

Trend Analysis Report

Total Alcohol	and Ot	her Dr	ug Use	Healt	th Risk	Behavio	or and P	ercenta	iges					Linear Change*	Quadratic Change*	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	-		
QN40: during			students	who ev	er drank	alcohol	(at least	t one dri	nk of al	cohol, o	n at leas	t 1 day				
							73.1	72.9	67.2	63.5	60.9	52.3	53.5	Decreased, 2005-2016	No quadratic change	No change
QN41: few sip		tage of s	students	who ha	d their f	irst drinl	c of alco	hol befo	ore age 1	3 years	(other th	nan a				
1	- 1						24.8	23.5	24.5	23.2	19.3	17.3	15.7	Decreased, 2005-2016	No change, 2005-2009 Decreased, 2009-2016	Decreased
				who cu the surve		lrank alc	ohol (at	least on	e drink	of alcoh	ol, on at	least 1				
	C	-			•		39.8	42.9	37.0	34.8	31.2	26.1	25.5	Decreased, 2005-2016	No change, 2005-2009 Decreased, 2009-2016	No change
QN46:	Percen	tage of s	students	who ev	er used 1	marijuar	a (one o	or more t	times du	ring the	ir life)					
							38.2	36.5	35.9	37.0	35.9	32.5	31.4	Decreased, 2005-2016	No quadratic change	No change
QN47:	Percen	tage of s	students	who trie	ed marij	uana for	the first	t time be	efore age	e 13 yea	rs					
							8.9	8.6	8.1	8.5	8.8	8.0	7.3	Decreased, 2005-2016	No quadratic change	Decreased

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

Maryland High School Survey

Trend Analysis Report

				Healt	h Risk	Behavio	or and P	ercenta	ges					Linear Change*	Quadratic Change [*]	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
	Percent the surve		students	who cur	rently u	sed mar	ijuana (o	one or m	ore time	es during	g the 30	days				
							18.5	19.4	21.9	23.2	19.8	18.8	18.4	No linear change	No change, 2005-2009	No change
															Decreased, 2009-2016	
				who eve during t			any for	n of coc	aine, in	cluding	powder,	crack,			Decreased, 2009-2016	
							(any form 6.9	n of coc 5.5	caine, in 6.3	cluding	powder, 6.5	crack, 5.4	5.4	Decreased, 2005-2016	Decreased, 2009-2016 No quadratic change	No change
or freel QN51:	Percent	e or mor	re times	during t	heir life)	6.9	5.5	6.3	5.9	-	5.4	5.4	Decreased, 2005-2016	· · · · · · · · · · · · · · · · · · ·	No change
or freel QN51:	Percent	e or mor	tudents	during t	heir life)	6.9	5.5	6.3	5.9	6.5	5.4	5.4	Decreased, 2005-2016 Increased, 2005-2016	· · · · · · · · · · · · · · · · · · ·	No change No change
OR freeb QN51: one or QN52:	Percent Percent more tin	tage of s nes duri	students students	during t who eve life)	heir life er used l er used 1) neroin (a nethamp	6.9 Ilso calle 2.6	5.5 ed "smao 2.4	6.3 ck," "jur 4.1	5.9 hk," or "(4.2	6.5 China W	5.4 Thite," 4.2			No quadratic 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

Fotal Alcohol	and Ot	ther Dru	ug Use													
				Healt	h Risk	Behavio	or and F	ercenta	iges					Linear Change*	Quadratic Change*	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	-		
	Percen their life		students	who eve	er used e	ecstasy (also cal	led "MD	9MA," o	ne or m	ore time	s				
							5.0	6.3	6.4	6.9	8.3	6.4	5.5	No linear change	No change, 2005-2013 Decreased, 2013-2016	Decreased
weed,"						synthetio " or "Mo										
weed,"													6.9	Decreased, 2014-2016	Not available ⁸	Decreased
weed," life) QN57:	"King H Percen	Kong," " tage of s	Yucatar students	n Fire," ' who eve	'Skunk,' er inject		oon Rocl	ks," one	or more	times d	luring th	eir 9.2	6.9	Decreased, 2014-2016	Not available ⁸	Decreased
weed," life) QN57:	"King H Percen	Kong," " tage of s	Yucatar students	n Fire," ' who eve	'Skunk,' er inject	" or "Mo	oon Rocl	ks," one	or more	times d	luring th	eir 9.2	6.9	Decreased, 2014-2016 Increased, 2005-2016	Not available ⁸ No quadratic change	Decreased No change
weed," life) QN57: drug in QN58:	"King H Percen to their Percen	Kong," " tage of s body, or tage of s	Yucatar students ne or mo	who ever	'Skunk,' er inject s during ere offer	" or "Mo	llegal dr 2.0	ug (usec 2.1	or more l a needl 3.0	le to inje 4.1	ect any i 3.9	eir 9.2 Ilegal 3.6				

Maryland High School Survey

Total Sexual I	Behavio	rs		Healt	h Risk I	Behavio	or and P	ercenta	iges					Linear Change*	Quadratic Change*	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
QN59:	Percent	tage of s	students	who eve	er had se	exual int	ercourse				39.1	32.4	31.8	Decreased, 2013-2016	Not available ⁸	No change
QN60:	Percent	tage of s	students	who had	l sexual	intercou	urse for t	he first	time be	fore age	13 year	s				
											6.6	5.0	4.3	Decreased, 2013-2016	Not available	Decreased
QN61:	Percent	tage of s	students	who had	l sexual	intercou	urse with	four or	more p	ersons c	luring th	eir life				
											12.3	8.6	7.7	Decreased, 2013-2016	Not available	Decreased
QN62: least or	Percent ne persor	tage of s	students g the 3 r	who we nonths b	re curre efore th	ntly sexule survey	ually act	ive (had	l sexual	intercou	urse with	at				
											27.2	22.6	22.1	Decreased, 2013-2016	Not available	No change

Maryland High School Survey

Total Sexual I	3ehavio	rs		Healt	h Risk I	Behavio	or and P	ercenta	iges					Linear Change*	Quadratic Change*	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	-		
	Percent s who w					hol or us	ed drug	s before	last sex	ual inte	rcourse (among				
student	5 110 1	ere curr	entry se	nuuny u	euve)						24.0	23.7	21.2	Decreased, 2013-2016	Not available ⁸	Decreased
	Percent ere curre				ed a con	dom dur	ing last	sexual i	ntercou	rse (amo	ong stude	ents				
		5	,	,							61.5	61.3	56.9	Decreased, 2013-2016	Not available	Decreased
	Percent g tests d					tested fo	r humar	immun	odeficie	ency vir	us (HIV)	(not				
	8											13.6	15.2	Increased, 2014-2016	Not available	Increased
						control p sexuall			sexual ii	ntercour	se (to pr	event				
1 0	, ,	0					5	, ,			18.7	17.7	20.2	No linear change	Not available	Increased

Maryland High School Survey

Trend Analysis Report

				Healt	h Risk]	Behavio	r and P	ercenta	ges					Linear Change*	Quadratic Change [*]	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
(such a	DIMP: I s Implar s who w	ion or N	lexplano	on) befor	e last se							nt				
				J	,						1.5	2.0	3.7	Increased, 2013-2016	Not available [§]	Increased
DrthoE	PARG: Evra), or ncy, amo	birth co	ntrol rin	g (such	as Nuva	Ring) b	efore las	t sexual								
											4.3	4.0	3.7	No linear change	Not available	No change
ParaGa	HHPL: ard) or in s Orthol	nplant (s Evra), oi	such as l birth co	Implano ontrol rii	n or Nez ng (such	(planon) as Nuv	; or a sh aRing) t	ot (such before la	as Dep st sexua	o-Prove	ra), pate	h				
preven	t pregna	ncy, am	ong stud	ients wh	o were c	urrentiy	sexuan	y active)							

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

Maryland High School Survey

				Healt	th Risk	Behavio	or and P	Percenta	ages					Linear Change*	Quadratic Change*	Change from 2014-2016 [†]
1991 19	93	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
QNDUALI										xual inte	ercourse	and				
Nexplanon s NuvaRir	i); or a ng) be	shot (fore la	such as st sexua	Depo-P	rovera),	patch (s	such as C	DrthoEv	ra), or b	oirth con	or trol ring					
birth contro Nexplanon as NuvaRir currently se	i); or a ng) be	shot (fore la	such as st sexua	Depo-P	rovera),	patch (s	such as C	DrthoEv	ra), or b	oirth con	or trol ring		9.4	No linear change	Not available [§]	No change
Nexplanon) as NuvaRir	n); or a ng) be exuall	shot (fore la y activ	such as st sexua e) age of s	Depo-P l interco	rovera), ourse (to who dic	patch (s prevent	such as C t pregnation	DrthoEv ncy, am thod to	ra), or b ong stud	birth con dents wh	or trol ring to were 9.2	(such 8.7	9.4	No linear change	Not available [§]	No change

Maryland High School Survey

Trend Analysis Report

Weight Man	agement a	and Die	•		Behavio	r and P	ercenta	iges					Linear Change [*]	Quadratic Change [*]	Change from 2014-2016 [†]
1991 1993	3 1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
QNOWT: P body mass ir	ercentage idex, base	of stude d on sex	ents who - and ag	were ov ge-specif	verweigh ïc refere	t (>= 85 nce data	oth perce from th	entile bu ne 2000	ıt <95th CDC gr	percenti owth ch	le for arts) [§]				
						16.0	15.0	15.4	15.4	14.8	14.9	15.2	No linear change	No quadratic change	No change
QNOBESE: on sex- and a	Percentag age-specif	ge of stu ic refere	dents wl	ho had c from th	besity (> e 2000 C	>= 95th CDC gro 12.6	percenti owth cha 12.9	le for bo arts) [§] 12.0	ody mas 12.0	s index, 11.0	based	12.6	No linear change	No quadratic change	I
											11.0	12.0	No filical change	i to quadratic change	Increased
QN68: Perc	entage of	students	who de	scribed	themselv	es as sli	ghtly or	very ov	verweigh	nt		12.0			Increased
QN68: Perc	entage of	students	who de	scribed	themselv	es as sli 27.4	ghtly or 27.5	very ov 27.5	verweigh 26.3	nt 26.7	26.2	27.1	No linear change	No quadratic change	Increased
QN68: Perce QN70: Perce during the 7	entage of	students	who dic			27.4	27.5	27.5	26.3	26.7	26.2				
QN70: Perce	entage of	students	who dic			27.4	27.5	27.5 t juices	26.3	26.7	26.2				
QN70: Perce	entage of days befo	students re the su	who dic rvey)	l not dri	nk fruit j	27.4 uice (10 17.2	27.5 00% frui 19.2	27.5 t juices 17.4	26.3 one or n 19.0	26.7 nore tim 23.5	26.2 es 27.1	27.1	No linear change	No quadratic change No change, 2005-2009	Increased

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

[§]Overweight and obese prevalence estimates for 1999 differ slightly from previously published results because different BMI cut points were used in 1999 than in

subsequent years. To make these prevalence estimates comparable, the 1999 prevalence estimates were recalculated using the updated BMI cut points. In addition, beginning in 2017, new, slightly different ranges were used to calculate biologically implausible responses to height and weight questions.

Maryland High School Survey

Trend Analysis Report

	Manag	ement a	and Die	tary Bel Heal		Behavio	or and P	Percenta	iges					Linear Change [*]	Quadratic Change [*]	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
						eat fruit o days befo			uit juice	s (such	as orang	e				
							5.3	6.2	5.0	5.4	7.0	8.0	8.6	Increased, 2005-2016	No change, 2005-2009 Increased, 2009-2016	Increased
ONFR	1: Perce	entage o	f studen	ts who a	ate fruit	or drank	100% f	mit inic	es one o	r more t	imas na	dav				
						ce, durin					innes per	uay				
									ore the s	survey)	60.4	56.6	53.9	Decreased, 2005-2016	Increased, 2005-2011 Decreased, 2011-2016	Decreased
(such a	s orange	e juice, a	apple ju	ice, or g	rape juic		g the 7 c 58.7 100% f	lays bef 55.2 ruit juic	ore the s 64.2 es two o	61.3 or more t	60.4	56.6	53.9	Decreased, 2005-2016		Decreased
(such a	s orange	e juice, a	apple ju	ice, or g	rape juic	ce, durin	g the 7 c 58.7 100% f	lays bef 55.2 ruit juic	ore the s 64.2 es two o	61.3 or more t	60.4	56.6	53.9 26.7	Decreased, 2005-2016 No linear change		Decreased
QNFR (such a (such a	2: Perco s orango 3: Perco	e juice, a entage o e juice, a entage o	apple ju f studen apple ju f studen	ice, or g its who a ice, or g	rape juic ate fruit rape juic ate fruit	ce, durin	g the 7 c 58.7 100% f g the 7 c 30.7 100% f	lays bef 55.2 ruit juic lays bef 29.3 ruit juic	es two of ore the s 64.2 es two of ore the s 36.0 es three	61.3 or more t survey) 34.7 or more	60.4 imes per 31.9	56.6 r day 28.8			Decreased, 2011-2016 Increased, 2005-2011	

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

Maryland High School Survey

Trend Analysis Report

				Healt	h Risk [Behavio	or and P	ercenta	iges					Linear Change*	Quadratic Change [*]	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
	Percent the surv		students	who did	not eat	green sa	alad (one	e or mor	e times	during t	he 7 day	7S				
							36.4	37.7	38.2	37.9	38.1	42.0	44.8	Increased, 2005-2016	No change, 2005-2013 Increased, 2013-2016	Increased
ON72.	Doroon	togo of	. 1 .													
the sur		lage of s	students	who did	not eat	potatoe	s (one oi	more ti	imes du	ring the	7 days b	efore				
		lage of s	students	who did	not eat	potatoe	34.1	35.4	imes dui 34.7	ring the 36.5	7 days b 35.9	efore 38.9	38.9	Increased, 2005-2016	No quadratic change	No change
the sur	vey)					_	34.1	35.4	34.7	36.5	-	38.9	38.9	Increased, 2005-2016	No quadratic change	No change
the sur QN74:	vey)					_	34.1	35.4	34.7	36.5	35.9	38.9	38.9 55.0	Increased, 2005-2016 Decreased, 2005-2016	No quadratic change Decreased, 2005-2011 Increased, 2011-2016	No change Increased
QN74: the sur QN75:	vey) Percent vey)	tage of s	students	who did	not eat	carrots	34.1 (one or 1 58.7	35.4 nore tin 56.9	34.7 nes durin 54.3	36.5 ng the 7 51.7	35.9 days bet	38.9 fore 53.5			Decreased, 2005-2011	

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

Maryland High School Survey

Trend Analysis Report

				Healt	h Risk]	Behavio	or and P	ercenta	iges					Linear Change*	Quadratic Change*	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
	fries, fr					eat veg rrots, or										
							5.6	5.8	5.9	7.3	7.1	8.4	9.0	Increased, 2005-2016	No quadratic change	Increased
ONVE	C1. D	aanta	of sty 1		oto vi	atabla-				or (on	n colo-1					
potatoe the 7 d	s [exclu ays befo	ding Fro ore the su	ench frie urvey)	es, fried	potatoes	etables of or pota	to chips 59.1	58.3	ts, or otl 60.9	61.1	tables, d	luring 59.2	57.4	No linear change	Increased, 2005-2013 Decreased, 2013-2016	Decreased
potatoe the 7 d QNVE potatoe	s [exclu ays befo G2: Per s [exclu	ding Fre ore the su	ench frie urvey) of stude ench frie	es, fried	potatoes		to chips 59.1 two or n	5], carro 58.3 nore tim	ts, or oth 60.9 es per d	61.1 ay (gree	tables, d 62.2 en salad,	59.2	57.4	No linear change		Decreased
potatoe the 7 d QNVE potatoe	s [exclu ays befo G2: Per s [exclu	ding Fre re the su centage ding Fre	ench frie urvey) of stude ench frie	es, fried	potatoes	etables	to chips 59.1 two or n	5], carro 58.3 nore tim	60.9 es per d ts, or oth	61.1 ay (gree	tables, d 62.2 en salad, tables, d	59.2	57.4	No linear change No linear change		Decreased
QNVE potatoe potatoe the 7 d QNVE potatoe	s [exclu ays befo G2: Per s [exclu ays befo G3: Per s [exclu	ding Fre re the su centage ding Fre re the su re the su	ench frie urvey) of stude ench frie urvey) of stude ench frie	es, fried ents who es, fried	ate veg potatoes	etables	59.1 two or n to chips 25.6 three or	5], carro 58.3 nore tim 5], carro 24.4 more tin	ts, or oth 60.9 tes per d ts, or oth 26.6 mes per	61.1 ay (gree her vege 29.4 day (gree	tables, d 62.2 en salad, tables, d 27.7 een salad	59.2 luring 25.8			Decreased, 2013-2016 No change, 2005-2011	

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

Maryland High School Survey

Trend Analysis Report

				Healt	h Risk]	Behavio	r and P	ercenta	iges					Linear Change*	Quadratic Change [*]	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
						nk a can pop, duri						Coke,				
									21.6	22.8	28.4	29.0	31.8	Increased, 2009-2016	Not available [§]	Increased
ONSO	DA1: P	ercentag	e of stu	dents wl	no drank	a can. F	ottle, o	r glass o	f soda o	r pop or	ne or mo	re				
times p		such as				c a can, t ot count							14.0	Decreased, 2009-2016	Not available	Decreased
times p before QNSO times p	er day (the surv	such as ey) Percentag such as	Coke, P	epsi, or dents wl	Sprite, n		ottle, or	soda or r glass o	diet poj 21.3 f soda o	p, during 24.9 or pop tw	g the 7 d 18.0 70 or mo	ays 16.6 re	14.0	Decreased, 2009-2016	Not available	Decreased
times p before QNSO times p	er day (the surv DA2: P er day (such as ey) Percentag such as	Coke, P	epsi, or dents wl	Sprite, n	ot count	ottle, or	soda or r glass o	diet poj 21.3 f soda o	p, during 24.9 or pop tw	g the 7 d 18.0 70 or mo	ays 16.6 re	14.0 8.9	Decreased, 2009-2016 Decreased, 2009-2016	Not available Not available	Decreased
times p before QNSO times p before QNSO times p	er day (the surv DA2: P er day (the surv DA3: P	such as ey) Percentag such as ey) Percentag such as	Coke, P ge of stu Coke, P ge of stu	dents wi dents wi dents wi	Sprite, n ho drank Sprite, n ho drank	ot count	ottle, or ottle, or ottle, or	soda or r glass o soda or r glass o	21.3 f soda o diet pop 14.0 f soda o	p, during 24.9 or pop tw p, during 17.2 or pop th	g the 7 d 18.0 70 or mo g the 7 d 12.0 ree or m	ays 16.6 re ays 11.0 ore				

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

Maryland High School Survey

Trend Analysis Report

Total Physical	l Activi	ty														
				Healt	h Risk	Behavio	or and P	ercenta	iges					Linear Change*	Quadratic Change [*]	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	-		
days (in	ı any ki	nd of ph	iysical a	who we ctivity tl efore the	nat incre	ically act ased the	tive at le ir heart	east 60 r rate and	ninutes l made t	per day hem bre	on 5 or 1 athe har	more d some				
of the ti		ing the	/ days b		survey)				41.2	40.1	36.9	35.2	Decreased, 2011-2016	Not available [§]	Decreased
activity	on at le	east 1 da	ıy (in an	y kind o	f physic	not part al activi 7 days b	ty that i	ncreased	l their h	nutes of eart rate	physica and ma	l de				
					0	5		-	,	15.6	18.0	19.8	21.6	Increased, 2011-2016	Not available	Increased
days (in	ı any ki	nd of ph	iysical a		nat incre	re physic eased the										
										21.4	21.6	19.5	17.9	Decreased, 2011-2016	Not available	Decreased
QN80: day)	Percen	tage of s	students	who wa	tched te	levision	3 or mo	ore hour	s per da	y (on an	average	school				
							40.7	41.9	39.1	34.2	31.4	26.7	22.1	Decreased, 2005-2016	Decreased, 2005-2013 Decreased, 2013-2016	Decreased

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

Maryland High School Survey

Trend Analysis Report

				Healt	h Risk l	Behavio	r and P	ercenta	ges					Linear Change*	Quadratic Change [*]	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
nours p	er day (counting	students g time sp	ent on t	hings su	ch as XI	box, Pla	yStatior		d or oth	er tablet					
			ouTube, average			ebook, o	r other s	ocial m	edia, foi	someth	ing that	was				
						ebook, o	r other s	ocial m	edia, for 28.9	34.5	ning that 36.3	was 38.3	38.0	Increased, 2009-2016	Not available ⁸	No change
not sch	ool wor	k, on an		school of who atte	day)			ocial m	edia, foi 28.9	34.5	ing that 36.3	was 38.3	38.0	Increased, 2009-2016	Not available [§]	No change
not sch	ool wor	k, on an	average	school of who atte	day)			ocial m	edia, for 28.9 lasses or	34.5	aing that 36.3 Tore days	was 38.3	38.0 36.4	Increased, 2009-2016 No linear change	Not available [§]	No change No change
QN82: average	Percente week v	k, on an tage of s when the ercentag	average	school of who attended to a school of the sc	day) ended ph l) no attend	ysical e	ducation 37.6	n (PE) c 37.0	edia, for 28.9 lasses or 39.3	34.5 34.7 1 or m 37.8	aing that 36.3 Tore days 39.1	was 38.3 (in an 37.6		, 		

Maryland High School Survey

Other				Healt	h Risk]	Behavio	r and P	ercenta	iges					Linear Change*	Quadratic Change [*]	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
				who sav			check-u	ıp, exan	n, teeth	cleaning	g, or othe	er				
												76.1	76.6	No linear change	Not available [§]	No change
	DNT: P dental		ge of stu	idents w	ho neve	r saw a d	dentist (i	for a che	eck-up,	exam, te	eeth clea		76.6 2.1	No linear change No linear change	Not available ⁸ Not available	No change
or other	dental	work)		udents w								ning, 2.0				

Maryland High School Survey

Trend Analysis Report

Total Site-Ad	ded			Healt	h Risk I	Behavio	or and P	ercenta	ges					Linear Change [*]	Quadratic Change*	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	-		
	Percent hey live		students	who rep	ort that	their par	rents or	guardia	ns own t	he home	e or plac	e 66.4	65.4	No linear change	Not available ⁸	No change
QN94: time)	Percent	tage of s	students	who wh	o smoke	ed a who	ole cigar 13.7		ore age 1	13 years 10.9	(for the 8.0	first 7.1	7.1	Decreased, 2005-2016	No quadratic change	No change
				who we e during					mong st	tudents	who bou 47.7	ght or 41.0	45.2	No linear change	Not available	Increased
				who had							e of their		43.2	No linear change	notavanadie	increased
(antong	suuem	15 WHO U		uy cigai	ciies du	ing the	50 days	Derore		<i>cy)</i>	29.6	33.3	31.4	No linear change	Not available	No change

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

Maryland High School Survey

Trend Analysis Report

Fotal Site-Add	led			Healt	th Risk	Behavio	or and P	ercenta	iges					Linear Change*	Quadratic Change*	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			2014-2010
QN99: 1 electron	Percentic vapo	tage of s	students ct (amoi	who using stude	ually use nts who	e a kind have ev	of flavor er used	ring othe an electi	er than t ronic va	tobacco por proc	flavor w luct)	ith an				
												93.3	95.2	Increased, 2014-2016	Not available [§]	Increased
QN102:	Perce	ntage of	f student	ts who u	sed flav	ored tob	acco pro	ducts (f	lavored	cigars	aigarilla					
little cig		vored si	mokeles	s tobacc	o produ	cts, or b	oth, excl	luding n	nenthol	cigarette	es, durin	g the				
little cig		vored si	mokeles	s tobacc	o produ	cts, or b	oth, excl	luding n	nenthol	cigarette	es, durin 13.3	s, or g the 11.6	7.4	Decreased, 2013-2016	Not available	Decreased
little cig 30 days QN103: months	before Perce	the surv	mokeles vey) f student	s tobacc	o produ	cts, or b	oth, excl	luding n	nenthol	cigarette	es, durin 13.3	g the 11.6	7.4	Decreased, 2013-2016	Not available	Decreased
little cig 30 days QN103:	before Perce	the surv	mokeles vey) f student	s tobacc	o produ	cts, or b	oth, excl	luding n	nenthol	cigarette	es, durin 13.3	g the 11.6	7.4	Decreased, 2013-2016 Decreased, 2014-2016	Not available Not available	Decreased
little cig 30 days QN103: months QN104:	Percerbefore Percerbefore	ntage of the surv	mokeles vey) f student rey) f student	s tobacc	ied or u	cts, or be sed toba	oth, excl	luding n lucts for tobacco	r the firs	cigarette st time (d	es, durin 13.3 during th ng the 12	g the 11.6 ne 12 11.0				

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

Maryland High School Survey

ite-Add	led			Healt	h Risk	Behavio	or and P	Percenta	nges					Linear Change*	Quadratic Change*	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	-		
QN105:	Percei	ntage of	student	s who li	ve with	someon	e who n	ow smo	kes ciga	rettes or	cigars		-			
											36.9	35.8	30.4	Decreased, 2013-2016	Not available [§]	Decreased
	Dang	ntogo -f	atudaat	. who :	anti ain - t		antro c		a ativit:-	a of col-						
		ntage of rama, clu					extracu 61.1		activitie 64.7	s at scho 61.5	ool (such 67.4	n as 67.2	66.8	Increased, 2005-2016	No quadratic change	No change
Sports, E	pand, dr	rama, clu ntage of	ubs, or s	tudent g	overnm	ent)	61.1	61.6	64.7	61.5	67.4	67.2	66.8	Increased, 2005-2016	No quadratic change	No change
Sports, E	pand, dr	rama, clu	ubs, or s	tudent g	overnm	ent)	61.1	61.6	64.7	61.5	67.4	67.2	66.8 60.3	Increased, 2005-2016 Decreased, 2013-2016	No quadratic change Not available	No change Decreased
QN112: QN112: use (dur QN113:	Percer	ntage of last sch	ubs, or s student: ool year	tudent g s who w	overnm ere taug	ent) ht in an	61.1 y of thei	61.6	64.7 s about t	61.5 he dang	67.4 ers of to 69.4	67.2 bacco 61.7				

Maryland High School Survey

Total Site-Ado	ded			Healt	h Risk i	Behavio	or and P	Percenta	iges					Linear Change*	Quadratic Change*	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
QN114 people				s who sa	ay defini	itely yes	or prob	ably yes	s that sm	noking n	nakes yo	ung	-			
people		or or fit.									24.4	21.2	22.1	Decreased, 2013-2016	Not available [§]	No change
						t or stro		approve	of some	eone the	ir age ha	ving				
					2		, ,					62.2	61.8	No linear change	Not available	No change
(physic	ally and	ntage of l in other or liquor	r ways) i	s who th if they h	iink peo ave five	ple are a e or more	it moder e drinks	ate or g of alcol	reat risk 101 once	of harm or twice	ning then e a week	nselves (such				
	, -	.1	·								73.7	76.9	75.3	Increased, 2013-2016	Not available	Decreased
		ntage of o them	students	s who ha	ave an a	dult out	side of s	chool th	iey can t	talk to al	bout thin	gs that				
are imp																

Maryland High School Survey

Trend Analysis Report

ite-Addeo	ed			Healt	h Risk I	Behavio	r and P	ercenta	ges					Linear Change*	Quadratic Change [*]	Change from 2014-2016 [†]
1991 1	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
QN118: I besides th	Percer heir pa	ntage of rents if	students they had	s who w an imp	ould fee	l comfo	rtable se	eking h g their li	elp from fe	one or	more ad	ults				
	· •			·· I												

*Based on trend 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

				Healt	h Risk]	Behavio	or and P	ercenta	iges					Linear Change*	Quadratic Change*	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
				who rode					nking al	cohol (i	n a car o	r other				
							25.3	26.7	27.1	25.2	21.0	17.6	13.9	Decreased, 2005-2016	No change, 2005-2011 Decreased, 2011-2016	Decreased
one or	more ti	mes dur	ing the 3	30 days l	before th	ne surve					inking a en a car					
one or	more ti	mes dur	ing the 3		before th	ne surve							6.7	Decreased, 2013-2016	Not available ⁸	Decreased
One or other ve QN11: 1 day d	more ti ehicle d Percent uring th	mes dur uring the tage of s	ing the 3 e 30 day students ys before	30 days l s before who tex e the sur	ted or e	ne surve vey) -mailed	y, amon while dr	g studer	ts who i	had driv	en a car	or 8.6 at least	6.7	Decreased, 2013-2016	Not available ⁸	Decreased
(one or other ve QN11: 1 day d	more ti ehicle d Percent uring th	mes dur uring the tage of s ae 30 day	ing the 3 e 30 day students ys before	30 days l s before who tex e the sur	ted or e	ne surve vey) -mailed	y, amon while dr	g studer	ts who i	had driv	en a car 10.7	or 8.6 at least	6.7	Decreased, 2013-2016 Decreased, 2013-2016	Not available ^s Not available	Decreased No change
(one or other vo QN11: 1 day d during QN13:	more ti ehicle d Percenturing th the 30 d	tage of s are 30 day lays before tage of s	ing the 3 e 30 day students ys before ore the s	30 days l s before who tex e the sur urvey)	ted or e- vey, am	e surve vey) mailed ong stuc	y, amon while dr lents wh	g studer iving a o had d	car or of	had driv ther vehi car or otl	en a car 10.7 icle (on a her vehic	or 8.6 at least cle 28.6				

Maryland High School Survey

njury :	and Vio	lence		Healt	h Risk I	Behavio	or and P	ercenta	iges					Linear Change [*]	Quadratic Change [*]	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
						tened or es during						ty				
							13.5	10.3	10.0	10.6	11.3	8.7	9.7	Decreased, 2005-2016	No quadratic change	Increased
QN18: during	Percent the 12 n	tage of s nonths b	tudents efore th	who we e survey	re in a p	hysical	fight on	school	property	(one or	more ti	mes				
							19.4	14.5	14.3	13.0	17.6	15.1	14.7	Decreased, 2005-2016	No change, 2005-2013 Decreased, 2013-2016	No change
	Percen d not wa		tudents	who we	re ever j	physical	ly forced	d to hav	e sexual	interco	urse (wh	en	-			
2		,									8.6	6.2	6.9	Decreased, 2013-2016	Not available [§]	Increased
ON21:	ere datir	ng or goi	ng out v	vith to đ	o sexual	d sexual l things	[countin	g such t	hings as ant to, or	kissing ne or mo	y some , touchir ore times omeone (ng, or S				

Maryland High School Survey

				Healt	h Risk	Behavio	r and P	ercenta	iges					Linear Change*	Quadratic Change*	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
purpo nto so	e by son mething vey, am	neone th , or inju	ey were red with	who exp dating an obje o dated	or going ct or we	out with apon] or	n [count ne or mo	ing such	things during	as being the 12 r	hit, slar nonths b	nmed before				
ui vey)										9.7	8.5	8.8	Decreased, 2013-2016	Not available [§]	No change
QN23 before	Percen the surv	tage of s ey)	students	who we	re bullie	ed on sch	iool proj	perty (e	ver duri	ng the 12	2 month	S				
									19.5	21.2	18.1	15.5	16.1	Decreased, 2009-2016	Not available	No change
QN24 texting	Percen	tage of s cam, Fac	students ebook, o	who we or other	re electr social m	onically edia, ev	bullied er durin	(counting the 12	ng being months	g bullied before	through the surv	n ey)				
										10.4	10.7	10.2	11.1	No linear change	Not available	Increased
		tage of s	students	who fel								ow so				
	Percen ey stopp		g some u	isual act	ivities, e	ver duri	ng the 1	2 month	is before	e the sur	vey)					

Maryland High School Survey

								ges					Linear Change*	Quadratic Change*	Change from 2014-2016 [†]
93 1	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
			who ser	iously c	onsidere	d attemp	pting sui	icide (ev	ver durin	ng the 12	2				
ore un	e suive	<i>zy)</i>				12.9	10.3	11.3	12.9	11.6	10.9	12.4	No linear change	No quadratic change	Increased
	centa	centage of s		centage of students who ser	centage of students who seriously c	centage of students who seriously considered	centage of students who seriously considered attempore the survey)	centage of students who seriously considered attempting su ore the survey)	centage of students who seriously considered attempting suicide (evore the survey)	centage of students who seriously considered attempting suicide (ever during the survey)	centage of students who seriously considered attempting suicide (ever during the 12 bre the survey)	centage of students who seriously considered attempting suicide (ever during the 12 ore the survey)	centage of students who seriously considered attempting suicide (ever during the 12 ore the survey)	centage of students who seriously considered attempting suicide (ever during the 12 ore the survey)	centage of students who seriously considered attempting suicide (ever during the 12 ore the survey)

Maryland High School Survey

Trend Analysis Report

Male Fobacco	o Use			Healt	th Risk	Behavio	or and P	ercenta	iges					Linear Change [*]	Quadratic Change*	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
			students	who cu	rrently s	moked o	cigarette	s (on at	least 1 d	lay durir	ng the 30) days				
belore	the surv	ey)					17.2	17.4	12.0	12.2	13.2	9.3	9.3	Decreased, 2005-2016	No quadratic change	No change
		ercentag lays befo			no currei	ntly smo	ked ciga	rettes fr	requently	y (on 20	or more	days				
uunng	uie 50 d	uys ber	ne the s	urvey)			7.4	8.0	4.4	4.5	4.4	2.8	2.0	Decreased, 2005-2016	No quadratic change	Decreased
		Percent fore the		tudents	who cur	rently sr	noked ci	garettes	daily (o	on all 30	days du	iring				
							4.9	5.7	3.5	2.9	3.2	2.1	1.5	Decreased, 2005-2016	No quadratic change	Decreased
e-cigar	s, e-pipe	es, vape	pipes, v		ens, e-ho		onic var and hool						35.5	Decreased, 2014-2016	Not available [§]	Decreased

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

Maryland High School Survey

Male Tobacc	o Use			Healt	th Risk	Behavio	or and P	Percenta	nges					Linear Change*	Quadratic Change*	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	-		
e-cigar NJOY	Percen rettes, e , Vuse, M the surv	cigars, e AarkTen	-pipes, v	vape pip	es, vapi	ng pens,	e-hooka	ahs, and	hookah	pens [s	uch as b		14.0	Decreased, 2014-2016	Not available ⁸	Decreased
	-						-				-			20000000, 2011 2010		
	Percen day dur						cigars (c	igars, ci	garillos,	or little	e cigars,	on at				
							16.5	13.8	16.4	16.1	15.5	12.3	10.9	Decreased, 2005-2016	No quadratic change	Decreased
	2: Perce days bef			ts who c	currently	/ smoked	d cigaret	tes or ci	igars (or	at least	1 day d	uring				
							23.6	24.6	21.7	21.0	21.0	16.0	14.9	Decreased, 2005-2016	No quadratic change	Decreased

Maryland High School Survey

Trend Analysis Report

Male Alcohol	and Ot	her Dr	ug Use	Healt	th Risk	Behavio	or and P	ercenta	iges					Linear Change [*]	Quadratic Change*	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
QN40: during			students	who ev	er drank	alcohol	(at least	t one dri	nk of al	cohol, o	n at leas	t 1 day				
Ū							71.5	70.7	65.0	59.8	57.7	47.8	49.1	Decreased, 2005-2016	No quadratic change	No change
QN41: few sip		tage of s	students	who ha	d their f	irst drinl	c of alco	hol befo	ore age 1	3 years	(other th	nan a				
1	,						25.4	26.3	26.9	24.1	21.1	18.3	16.5	Decreased, 2005-2016	No change, 2005-2009 Decreased, 2009-2016	Decreased
QN42: day dur	Percen ing the	tage of s 30 days	students before	who cur the surve	rrently d	rank alc	ohol (at	least on	e drink	of alcoh	ol, on at	least 1				
	Ū	-			•		37.6	40.3	34.4	32.3	29.3	23.0	22.2	Decreased, 2005-2016	No change, 2005-2011 Decreased, 2011-2016	No change
QN46:	Percen	tage of s	students	who ev	er used 1	narijuar	a (one o	or more t	times du	ring the	ir life)					
							41.7	38.2	39.8	36.9	37.6	32.6	29.7	Decreased, 2005-2016	No quadratic change	Decreased
QN47:	Percen	tage of s	students	who trie	ed marij	uana for	the first	time be	efore age	e 13 yea	rs					
							11.4	11.6	10.8	11.1	11.3	9.8	9.0	Decreased, 2005-2016	No quadratic change	Decreased

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

Maryland High School Survey

Trend Analysis Report

				Healt	h Risk	Behavio	or and P	ercenta	ges					Linear Change*	Quadratic Change [*]	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
	Percent the surv		tudents	who cur	rently u	sed mar	ijuana (o	one or m	ore time	es durin	g the 30	days				
							18.5	23.0	24.6	25.9	21.6	19.4	17.6	No linear change	Increased, 2005-2011	Decreased
															Decreased, 2011-2016	
				who eve during t			any for	n of coc	aine, in	cluding	powder,	crack,			Decreased, 2011-2016	
							(any form 8.5	n of coc 7.0	caine, in 7.7	cluding 6.8	powder, 8.1	crack, 6.7	6.8	Decreased, 2005-2016	Decreased, 2011-2016 No quadratic change	No change
or freel QN51:	Percent	e or mor	e times	during the	heir life)	8.5	7.0	7.7	6.8	-	6.7	6.8	Decreased, 2005-2016		No change
or freel QN51:	Percent	e or mor	tudents	during the	heir life)	8.5	7.0	7.7	6.8	8.1	6.7	6.8 5.3	Decreased, 2005-2016 Increased, 2005-2016		No change No change
OR freel QN51: one or QN52:	Percent Percent more tin	tage of s nes duri	tudents ng their	during the who even life)	heir life er used l er used 1) neroin (a nethamp	8.5 Iso calle 2.8	7.0 ed "smaa 3.7	7.7 ck," "jur 5.8	6.8 k," or "(5.7	8.1 China W	6.7 ⁷ hite," 5.5			No quadratic change Increased, 2005-2011	

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

Maryland High School Survey

Male Alcohol	and Ot	ther Dr	ug Use	Healt	th Risk	Behavio	or and F	Percenta	iges					Linear Change*	Quadratic Change*	Change from
									.8						C	2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	-		
QN53: during	Percentheir life	tage of s	students	who eve	er used e	ecstasy (also cal	led "MI	OMA," o	one or m	ore time	s				
							4.8	7.1	7.7	7.5	10.3	7.9	6.7	No linear change	Increased, 2005-2013 Decreased, 2013-2016	Decreased
weed,"	Percen "King I	tage of s Kong," "	students 'Yucatar	who eve n Fire," '	er used s 'Skunk,'	synthetic or "Mo	c mariju oon Rocl	ana (als ks," one	o called or more	"K2," "S e times d	Spice," " luring th	fake eir				
weed,"	Percen "King H	tage of s Kong," "	students 'Yucatar	who eve n Fire," '	er used s 'Skunk,'	synthetic " or "Mc	c mariju oon Rocl	ana (alse ks," one	o called or more	"K2," "S e times d	Spice," " luring th	fake eir 10.5	7.6	Decreased, 2014-2016	Not available ⁸	Decreased
weed," life) QN57:	"King H Percen	Kong," " tage of s	'Yucataı students	who even n Fire," ' who even pre times	'Skunk,' er inject	or "Mo	oon Rocl	ks," one	or more	e times d	luring th	eir 10.5	7.6	Decreased, 2014-2016	Not available ⁸	Decreased
weed," life) QN57:	"King H Percen	Kong," " tage of s	'Yucataı students	n Fire," ' who eve	'Skunk,' er inject	or "Mo	oon Rocl	ks," one	or more	e times d	luring th	eir 10.5	7.6	Decreased, 2014-2016 Increased, 2005-2016	Not available ⁸ No quadratic change	Decreased No change
weed," life) QN57: drug in QN58:	"King H Percen to their Percen	Kong," " tage of s body, of tage of s	'Yucatar students ne or mo	n Fire," ' who eve	'Skunk,' er inject s during ere offere	or "Mo	llegal dr 2.2	ks," one rug (used 2.9	or more d a need 4.1	e times d le to injo 5.0	luring th ect any i 5.0	eir 10.5 Ilegal 4.4				

Maryland High School Survey

Male Sexual 1	Behavio	ors		Healt	h Risk 1	Behavio	or and P	ercenta	iges					Linear Change*	Quadratic Change*	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
QN59:	Percent	tage of s	students	who eve	er had se	exual int	ercourse	2			41.9	35.0	33.9	Decreased, 2013-2016	Not available [§]	No change
QN60:	Percent	tage of s	students	who had	l sexual	intercou	irse for t	the first	time be	fore age	13 year	5				
											10.2	7.8	6.5	Decreased, 2013-2016	Not available	Decreased
QN61:	Percent	tage of s	students	who had	l sexual	intercou	ırse with	n four oi	more p	ersons c	luring th	eir life				
											15.4	11.4	9.8	Decreased, 2013-2016	Not available	Decreased
						ntly sexule survey		ive (had	l sexual	intercou	urse with	at				
											27.5	23.0	21.8	Decreased, 2013-2016	Not available	Decreased

Maryland High School Survey

Male Sexual I	Behavio	rs		Healt	h Risk I	Behavio	or and P	ercenta	iges					Linear Change*	Quadratic Change [*]	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
		age of s				hol or us	sed drug	s before	last sex	ual inte	rcourse (among				
Stadent		010 0411	entry se	induniy d	• • • • • • •						27.9	26.1	22.6	Decreased, 2013-2016	Not available [§]	Decreased
		age of s			ed a con	dom dur	ing last	sexual i	ntercou	rse (amo	ong stude	ents				
											67.2	67.3	64.2	Decreased, 2013-2016	Not available	Decreased
		age of s lone if th				tested fo	r human	immun	odeficie	ency vir	us (HIV)	(not				
												14.2	16.1	Increased, 2014-2016	Not available	Increased
							pills before y active		sexual in	ntercour	se (to pr	event				
											15.5	13.3	17.2	No linear change	Not available	Increased

Maryland High School Survey

Trend Analysis Report

				Healt	h Risk]	Behavio	or and P	ercenta	ges					Linear Change*	Quadratic Change*	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
(such a	DIMP: I is Implai ts who w	non or N	lexplano	n) befor	e last se							nt				
				·							1.0	1.3	2.1	Increased, 2013-2016	Not available [§]	Increased
DrthoE	PARG: Evra), or ncy, ame	birth co	ntrol rin	g (such	as Nuva	Ring) b	efore las	st sexual								
											2.8	2.0	2.6	No linear change	Not available	No change
	HHPL: ard) or ir	nplant (s	such as l	[mplano:	n or Ney	(kplanon); or a sh	ot (such	as Dep	o-Prove	ra), patc					
ParaGa (such a	is Órthol t pregna															

*Based on trend analyses using a logistic regression model controlling 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

	E	ealth Risk	Behavio	or and P	ercenta	iges					Linear Change [*]	Quadratic Change [*]	Change from 2014-2016 [†]
1991 1993 199	5 1997 19	99 2001	2003	2005	2007	2009	2011	2013	2014	2016			
oirth control pills; an Nexplanon); or a sho as NuvaRing) before	n IUD (such as ot (such as Dep e last sexual in	Mirena or o-Provera)	ParaGard , patch (si	l) or imp uch as C	olant (su OrthoEvi	ich as In ra), or b	nplanon	or trol ring	(such	7.8	No linear change	Not available [§]	Increased
QNDUALBC: Perc birth control pills; au Nexplanon); or a sho as NuvaRing) before currently sexually ac	n IUĎ (such as ot (such as Dep e last sexual in ctive)	Mirena or o-Provera) ercourse (te	ParaGard , patch (st o prevent	l) or imp uch as C pregnar	olant (su DrthoEvi ncy, amo	ich as In ra), or b ong stuc	nplanon irth cont lents wh	or trol ring to were 7.4	(such 5.8	7.8	No linear change	Not available [§]	Increased
birth control pills; an Nexplanon); or a sho as NuvaRing) before	n IUĎ (such as ot (such as Dep e last sexual in ctive) centage of stude	Mirena or o-Provera) ercourse (te nts who die	ParaGard , patch (st o prevent d not use	l) or imp uch as C pregnar any met	blant (su DrthoEvn ncy, amo	ich as In ra), or b ong stuc	nplanon irth cont lents wh	or trol ring to were 7.4	(such 5.8	7.8	No linear change	Not available ⁸	Increased

Maryland High School Survey

Trend Analysis Report

Weight Ma	anager	ment a	nd Diet	•		Behavio	or and P	ercenta	iges					Linear Change [*]	Quadratic Change [*]	Change from 2014-2016 [†]
1991 1	993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
QNOWT: body mass																
							16.2	15.0	15.8	15.5	14.8	14.5	14.4	No linear change	No quadratic change	No change
QNOBES on sex- an										ody mas	s index,	based				
							15.5	16.6	15.4	13.4	13.8	14.1	14.7	No linear change	No quadratic change	No change
QN68: Pe	ercenta	ige of s	tudents	who dea	scribed	themselv	ves as sli	ightly or	very ov	verweigh	nt					
							21.8	22.6	22.5	21.8	21.7	21.6	22.9	No linear change	No quadratic change	Increased
QN70: Pe during the					1 not dri	nk fruit j	juice (10	00% frui	t juices	one or n	nore tim	es				
							15.8	17.9	17.0	19.1	22.5	25.9	29.5	Increased, 2005-2016	No change, 2005-2011 Increased, 2011-2016	Increased
	ercenta	ige of s	tudents	who dic	1 not eat	fruit (or	ne or mo	ore times	during	the 7 da	ys befor	e the				
QN71: Pe survey)																

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

[§]Overweight and obese prevalence estimates for 1999 differ slightly from previously published results because different BMI cut points were used in 1999 than in

subsequent years. To make these prevalence estimates comparable, the 1999 prevalence estimates were recalculated using the updated BMI cut points. In addition, beginning in 2017, new, slightly different ranges were used to calculate biologically implausible responses to height and weight questions.

Maryland High School Survey

Trend Analysis Report

				Healt	h Risk I	Behavio	or and P	ercenta	iges					Linear Change*	Quadratic Change*	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
				ts who d e, during					uit juice	s (such	as orang	e				
							5.4	7.5	6.2	5.9	8.5	9.1	9.9	Increased, 2005-2016	No quadratic change	Increased
				ts who a ce, or gr							imes per	day				
									ore the s		imes per 60.7	day 58.7	55.2	No linear change	No change, 2005-2013 Decreased, 2013-2016	Decreased
(such a	s orange	e juice, a	apple jui	ce, or gr	te fruit o	e, during	g the 7 c 60.2 100% f	55.3 ruit juic	62.9 es two o	62.3 or more t	60.7	58.7	55.2	No linear change		Decreased
(such a	s orange	e juice, a	apple jui	ce, or gr	te fruit o	e, during	g the 7 c 60.2 100% f	55.3 ruit juic	62.9 es two o	62.3 or more t	60.7	58.7	55.2 27.8	No linear change Decreased, 2005-2016		Decreased
(such a QNFR: (such a QNFR:	s orange 2: Perce s orange 3: Perce	e juice, a entage o e juice, a entage o	apple jui f studen apple jui	ce, or gr	te fruit o rape juic	e, during or drank e, during or drank	g the 7 c 60.2 100% f g the 7 c 33.8 100% f	lays bef 55.3 ruit juic lays bef 30.1 ruit juic	es two o ore the s 36.3 es three	62.3 or more t survey) 36.5 or more	60.7 times per 32.7	58.7 c day 30.3			Decreased, 2013-2016 No change, 2005-2011	

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

Maryland High School Survey

				Healt	h Risk]	Behavio	r and P	ercenta	ges					Linear Change*	Quadratic Change*	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
	Percent the surv		tudents	who did	not eat	green sa	alad (one	e or mor	e times	during t	he 7 day	S				
							40.5	41.5	43.6	39.1	42.3	45.5	48.5	Increased, 2005-2016	No change, 2005-2011 Increased, 2011-2016	Increased
QN73: the sur		tage of s	tudents	who did	not eat	potatoes	s (one or	more ti	mes dur	ing the	7 days b	efore				
	57						31.4	34.8	32.3	33.9	34.5	37.6	37.8	Increased, 2005-2016	No quadratic change	No change
			tudents	who did	not eat	carrots ((one or 1	nore tin	nes durir	ng the 7	days bet	fore				
		tage of s	i da de li to													
QN74: the sur		tage of s					58.6	53.0	54.4	49.2	50.6	51.5	53.6	Decreased, 2005-2016	Decreased, 2005-2011 Increased, 2011-2016	Increased
the sur QN75:	vey)	tage of s				other ve							53.6	Decreased, 2005-2016		Increased

Maryland High School Survey

Trend Analysis Report

				Healt	h Risk	Behavio	or and P	Percenta	iges					Linear Change*	Quadratic Change*	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
	fries, fr			ents who potato c												
							6.2	6.0	7.7	9.0	8.7	9.8	10.6	Increased, 2005-2016	No quadratic change	No change
	C1 P		6 4 1	. 1					1	(1.1					
potatoe the 7 d	es [exclu ays befo	iding Front or the state of the	ench frie urvey)	ents who es, fried	potatoes	s, or pota	to chips 57.8	s], carro 59.2	ts, or otl 59.5	62.4	62.2	uring 59.9	58.0	No linear change	Increased, 2005-2013 Decreased, 2013-2016	Decreased
potatoe the 7 d QNVE potatoe	es [exclu ays befo G2: Per	iding Front from the state of t	ench frie urvey) e of stude ench frie		potatoes	etables	to chips 57.8 two or n	s], carro 59.2 nore tim	ts, or oth 59.5 es per d	62.4 ay (gree	tables, d 62.2 en salad,	59.9	58.0	No linear change		Decreased
potatoe the 7 d QNVE potatoe	es [exclu ays befo G2: Per es [exclu	iding Front from the state of t	ench frie urvey) e of stude ench frie	es, fried	potatoes	etables	to chips 57.8 two or n	s], carro 59.2 nore tim	ts, or oth 59.5 es per d	62.4 ay (greener vege	tables, d 62.2 en salad,	59.9	58.0	No linear change No linear change		Decreased
QNVE potatoo the 7 d QNVE potatoo the 7 d QNVE potatoo	es [exclu ays befo G2: Per es [exclu ays befo G3: Per	rcentage ding Frore the sub- rcentage ding Frore the sub- rcentage ding Fro	ench frie urvey) e of stude ench frie urvey) e of stude ench frie	es, fried	ate veg potatoes	etables t s, or pota	57.8 57.8 two or n tto chips 23.5 three or	s], carro 59.2 nore tim s], carro 25.3 more tin	ts, or oth 59.5 es per d ts, or oth 26.5 mes per	er vege 62.4 ay (gree her vege 31.6 day (gree	tables, d 62.2 en salad, tables, d 28.2 een salad	59.9 luring 27.3			Decreased, 2013-2016 Increased, 2005-2011	

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

Maryland High School Survey

Trend Analysis Report

				Healt	h Risk I	Behavio	r and P	ercenta	iges					Linear Change*	Quadratic Change*	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
						nk a can pop, duri						Coke,				
									19.9	22.4	25.5	27.0	29.8	Increased, 2009-2016	Not available [§]	Increased
QNSO	DA1: P	ercentag	e of stu	dents wl	no drank	a can, b	ottle, or	r glass o	f soda o	r pop on	e or mo	re				
times p		such as				a can, t ot count							15.7	Decreased, 2009-2016	Not available	Decreased
times p before QNSO times p	er day (he surv DA2: P	such as ey) ercentag such as	Coke, P	epsi, or a	Sprite, n		ing diet	soda or r glass o	diet pop 23.8 f soda o	p, during 27.1 r pop tw	g the 7 d 20.8	ays 19.1 re	15.7	Decreased, 2009-2016	Not available	Decreased
times p before QNSO times p	er day (he surv DA2: P er day (such as ey) ercentag such as	Coke, P	epsi, or a	Sprite, n	ot count	ing diet	soda or r glass o	diet pop 23.8 f soda o	p, during 27.1 r pop tw	g the 7 d 20.8	ays 19.1 re	9.9	Decreased, 2009-2016 Decreased, 2009-2016	Not available Not available	Decreased
QNSO times p before QNSO times p before QNSO times p	er day (he surv DA2: P er day (he surv DA3: P	such as ey) ercentag such as ey) ercentag such as	Coke, P re of stu Coke, P re of stu	epsi, or dents wl epsi, or dents wl	Sprite, n ho drank Sprite, n ho drank	ot count	oottle, or ing diet	r glass o soda or	diet pop 23.8 f soda o diet pop 15.7 f soda o	27.1 27.1 r pop tw o, during 18.9 r pop th	g the 7 d 20.8 70 or mo g the 7 d 13.7 ree or m	ays 19.1 re ays 12.5 ore				

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

Maryland High School Survey

Trend Analysis Report

Male Physical	l Activi	ty														
				Healt	h Risk	Behavio	or and P	ercenta	iges					Linear Change*	Quadratic Change [*]	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
days (ir	n any ki	nd of ph	iysical a	who we ctivity the	nat incre	cally act ased the	tive at le ir heart	east 60 r rate and	ninutes j l made t	per day hem bre	on 5 or i athe har	more d some				
or the t		ing the	r days b	crore the	, sui ve y)				50.1	46.8	44.0	42.2	Decreased, 2011-2016	Not available [§]	Decreased
activity	on at le	east 1 da	ıy (in an	y kind o	f physic	not part al activi 7 days b	ty that in	ncreased	l their h	nutes of eart rate	physica and ma	l de				
					0	j				13.4	14.9	16.6	17.8	Increased, 2011-2016	Not available	Increased
days (ir	n any ki	nd of ph	iysical a	tudents v ctivity the	nat incre	re physic eased the	cally act fir heart	ive at le rate and	ast 60 m l made tl	ninutes p hem bre	er day o athe har	on all 7 d some				
		C	·		·					28.0	27.5	25.0	23.4	Decreased, 2011-2016	Not available	Decreased
QN80: day)	Percen	tage of s	students	who wa	tched te	levision	3 or mo	ore hours	s per day	y (on an	average	school	-			
-							41.2	41.5	41.2	35.0	30.8	26.4	21.2	Decreased, 2005-2016	No change, 2005-2011 Decreased, 2011-2016	Decreased

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

Maryland High School Survey

Male Physical	l Activi	ty														
				Healt	h Risk]	Behavio	or and P	ercenta	iges					Linear Change*	Quadratic Change [*]	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
hours p smartpl	er day (hone, te	counting xting, Y	g time sp	pent on t Instagra	hings su am, Face	eo or coi ich as X ebook, o	box, Pla	yStatio	n, an iPa	d or oth	er tablet	, a				
									32.0	35.7	37.8	38.9	39.8	Increased, 2009-2016	Not available [§]	No change
			students ey were i			nysical e	ducation	n (PE) c	lasses o	n 1 or m	ore days	s (in an				
							44.9	44.4	48.1	44.4	46.7	44.3	43.3	No linear change	No quadratic change	No change
			ge of stue ey were i			ded phys	sical edu	cation (PE) clas	sses on a	all 5 day	s (in an				
							21.6	18.2	24.2	24.2	22.7	18.7	18.3	No linear change	No quadratic change	No change

Maryland High School Survey

		Healt	th Risk B	Behavior	r and Po	ercenta	iges					Linear Change [*]	Quadratic Change*	Change from 2014-2016 [†]
1991 1993	1995 199	7 1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
QN86: Percent	age of studer	ts who say	v a dentis	st (for a o	check-u	ıp, exam	n, teeth	cleaning	, or othe	r				
ientai work, du	fing the 12 h	ionuis derc	ore the su	irvey)						75.2	75.6	No linear change	Not available [§]	No change
dental work, du QNNODNT: P or other dental v	ercentage of				lentist (f	for a che	eck-up,	exam, te	eeth clea		75.6 2.5	No linear change	Not available ^s	No change

Maryland High School Survey

Male Site-Ade	led			Healt	h Risk	Behavio	or and P	ercenta	iges					Linear Change*	Quadratic Change*	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
QN90: where t			students	who rep	ort that	their par	rents or	guardia	ns own t	he home	e or plac	e				
												68.1	67.1	No linear change	Not available [§]	No change
QN94: time)	Percent	tage of s	students	who wh	o smoke	ed a who	ole cigar	ette befo	ore age 1	13 years	(for the	first				
							14.7	14.4	12.5	12.2	9.8	8.5	8.6	Decreased, 2005-2016	No quadratic change	No change
QN96: tried to	Percent buy cig	tage of s	students at a store	who we during	re asked the 30 d	l to shov lays befo	v proof o	of age (a		12.2 tudents v			8.6	Decreased, 2005-2016	No quadratic change	No change
QN96: tried to	Percent buy cig	tage of s arettes a	students at a store	who we during	re asked the 30 d	l to shov lays befo	v proof o	of age (a					8.6 45.0	Decreased, 2005-2016 Decreased, 2013-2016	No quadratic change Not available	No change
tried to QN97:	buy cig	arettes a	at a store	e during who hac	the 30 d	lays befo	v proof o ore the s e to sell	of age (a urvey) them ci	mong st	tudents v	who bou 50.0	ght or 42.8				

Maryland High School Survey

Male Site-Ade	ded			Healt	h Risk	Behavio	or and P	ercenta	iges					Linear Change [*]	Quadratic Change [*]	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	-		
QN99: electror	Percent nic vapo	tage of s or produ	students et (amor	who usu ng studer	ally usents who	e a kind have ev	of flavor er used	ring othe	er than t ronic va	obacco por proc	flavor w luct)	ith an				
												91.9	94.1	Increased, 2014-2016	Not available [§]	Increased
little cig	gars, fla	ntage of vored si the surv	nokeless	s who us s tobacc	sed flavo o produo	ored tob cts, or be	acco pro oth, excl	ducts (f uding n	lavored	cigars, cigarette	cigarillo es, durin	s, or g the				
5			5,								15.8	13.3	9.1	Decreased, 2013-2016	Not available	Decreased
QN103 months	: Perce before	ntage of the surv	student ey)	s who tr	ied or u	sed toba	cco proc	lucts for	r the firs	t time (o	luring th	ie 12	-			
			•									10.8	7.6	Decreased, 2014-2016	Not available	Decreased
	: Perce	ntage of	student	s who co	omplete	ly quit u	sing all	tobacco	product	ts (durin	g the 12 2 month	18	-			
months	before the surv		ey, amo	ng stude	ents who	b used ar	iy tobac	co prodi	ucts uur	ing the i						

Maryland High School Survey

Male Site-Add	led			Healt	th Risk	Behavio	or and P	ercenta	iges					Linear Change*	Quadratic Change*	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
QN105:	Percer	ntage of	student	s who li	ve with	someon	e who no	ow smo	kes ciga	rettes or	cigars					
											36.5	34.9	29.5	Decreased, 2013-2016	Not available [§]	Decreased
														1		
		ntage of rama, clu				te in any lent)	extracut 60.9	rricular 60.7	activitie 65.9	s at scho 63.7	ool (such 68.0	n as 66.7	65.3	Increased, 2005-2016	No quadratic change	No change
sports, b	pand, dr	rama, clu ntage of	ubs, or s	tudent g	governm		60.9	60.7	65.9	63.7	68.0	66.7	65.3	Increased, 2005-2016	No quadratic change	No change
sports, b	pand, dr	rama, clu	ubs, or s	tudent g	governm	ient)	60.9	60.7	65.9	63.7	68.0	66.7	65.3 61.7	Increased, 2005-2016 Decreased, 2013-2016	No quadratic change Not available	No change No change
Sports, b QN112: use (dur	Percer ring the Percer	ntage of last sch	ubs, or s	tudent g s who w	governm vere taug	ient)	60.9 y of thei	60.7 r classe	65.9 s about t	63.7 he dang	68.0 ers of to 70.2	66.7 bacco 62.5				

Maryland High School Survey

				Healt	h Risk	Behavio	or and P	ercenta	iges					Linear Change*	Quadratic Change*	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
		ntage of ol or fit		s who sa	ıy defini	itely yes	or prob	ably yes	s that sm	oking n	nakes yo	ung				
people	IOOK COO		111								28.2	23.9	24.6	Decreased, 2013-2016	Not available [§]	No change
		ntage of iks of an						approve	of some	eone the	ir age ha	ving 57.7	58.2	No linear change	Not available	No change
QN116 (physic	wo drin	nks of an	alcohol student r ways)	ic bever	age nea	rly every	y day	ate or g	reat risk	of harm	ir age ha	57.7	58.2	No linear change	Not available	No change
QN116	wo drin	ntage of I in other	alcohol student r ways)	ic bever	age nea	rly every	y day	ate or g	reat risk	of harm	ing then	57.7	58.2	No linear change No linear change	Not available Not available	No change Decreased
QN116 (physic as beer QN117	wo drin : Percer ally and , wine, c	ntage of I in other or liquor	student r ways)	ic bever s who th if they h	ink peo ave five	rly every	y day It moder e drinks	ate or gr	reat risk nol once	of harm or twice	ing then e a week	57.7 nselves (such 72.8				

Maryland High School Survey

Trend Analysis Report

			Healt	h Risk]	Behavio	r and P	ercenta	ges					Linear Change [*]	Quadratic Change [*]	Change from 2014-2016 [†]
1991 1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
QN118: Perce besides their p									one or	more ad	ults				
-		-	-	-		82.0	83.5	79.7	80.4	76.0	77.4	75.6	Decreased, 2005-2016	No quadratic change	Decreased

Maryland High School Survey

Trend Analysis Report

				Healt	h Risk I	Behavio	r and P	ercenta	iges					Linear Change*	Quadratic Change*	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
						driver w before th			nking al	cohol (ii	n a car o	r other				
							24.7	31.0	26.2	26.0	19.7	18.6	14.0	Decreased, 2005-2016	No change, 2005-2011 Decreased, 2011-2016	Decreased
(one or	more ti	mes dur	ing the 3	30 days l	before th	r or othe he surve vev)										
(one or	more ti	mes dur	ing the 3		before th	he surve							4.4	Decreased, 2013-2016	Not available [§]	No change
(one or other v QN11: 1 day d	more ti ehicle d Percent luring th	mes dur uring the tage of s	ing the 3 e 30 day students ys before	30 days l s before who tex e the sur	ted or e	he surve	y, amon while dr	g studer	ts who l	had driv	en a car 6.4 icle (on a	or 5.0 at least	4.4	Decreased, 2013-2016	Not available [§]	No change
(one or other v QN11: 1 day d	more ti ehicle d Percent luring th	mes dur uring the tage of s ie 30 day	ing the 3 e 30 day students ys before	30 days l s before who tex e the sur	ted or e	he surve vey) -mailed	y, amon while dr	g studer	ts who l	had driv	en a car 6.4 icle (on a	or 5.0 at least	4.4	Decreased, 2013-2016 Decreased, 2013-2016	Not available ^s Not available	No change Increased
(one or other v QN11: 1 day c during QN13:	Percent Percent Percent Percent Percent	mes dur uring the tage of s tage of s lays befor tage of s	ing the 3 e 30 day students ys before ore the s	30 days l s before who tex e the sur urvey) who car	ted or e- vey, am	he surve vey) -mailed	while dr lents wh	g studer iving a o had di	car or ot	had driv ther vehi car or oth	en a car 6.4 Icle (on a ner vehic 30.4	or 5.0 at least cle 22.6	-			

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

Maryland High School Survey

female njury a	and Vio	lence		Healt	h Risk i	Behavio	or and P	ercenta	iges					Linear Change [*]	Quadratic Change [*]	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
				who we one or m								rty				
							9.8	8.6	7.8	5.3	6.8	5.3	5.2	Decreased, 2005-2016	No quadratic change	No change
				who we e survey		hysical	fight on	school	property	(one or	more ti	mes				
							10.4	10.0	7.8	8.5	10.2	8.5	8.7	No linear change	No quadratic change	No change
	Percen d not wa		students	who we	re ever j	physical	ly force	d to hav	e sexual	interco	urse (wh	nen				
											11.5	9.9	10.5	Decreased, 2013-2016	Not available [§]	No change
they we being p during	ere datir hysicall the 12 n	ng or goi ly forced	ing out v l to have efore th	who exp with to d e sexual e survey y)	o sexual intercou	l things irse] tha	[countin t they di	g such t d not wa	hings as ant to, or	kissing	, touchin ore time	ng, or s				
											13.8	13.1	7.7	Decreased, 2013-2016	Not available	Decreased

Maryland High School Survey

				Healt	th Risk	Behavio	r and P	ercenta	nges					Linear Change*	Quadratic Change*	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
purpo into se	: Percen se by sort omething rvey, am	neone th g, or inju	ey were red with	dating of an obje	or going ect or we	out with apon] or	n [count ne or mo	ing such	n things : s during	as being the 12 r	hit, slar nonths b	nmed before				
surve)										12.0	11.2	10.1	Decreased, 2013-2016	Not available [§]	Decreased
	: Percen the surv		students	who we	re bullie	ed on sch	nool pro	perty (e	ver durii	ng the 12	2 month	s				
									22.2	20.8	20.9	19.8	19.9	No linear change	Not available	No change
QN24 textin	: Percen g, Instagi	itage of s ram, Fac	students ebook, o	who we or other	ere electr social m	onically edia, ev	bullied er durin	(counting the 12	ng being 2 months	g bullied before	through the surv	n ey)				
										17.4	17.2	17.2	17.0	No linear change	Not available	No change
	: Percen								day for >			ow so				
	ey stopp	ed doing	g some u	isual act	ivities, e	ever duri	ng the I	2 monu	is before	e me sur	vey)					

Maryland High School Survey

Trend Analysis Report

				Healt	h Risk	Behavio	or and P	ercenta	iges					Linear Change [*]	Quadratic Change [*]	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
											-	-				
				who ser	iously c	onsidere	ed attem	pting su	icide (ev	ver durir	ng the 12	!				
		tage of s the surv		who ser	iously c	onsidere	ed attemp 22.0	pting su 15.8	icide (ev 17.4	ver durir 19.3	ng the 12 20.0	20.7	21.8	No linear change	No change, 2005-2009 No change, 2009-2016	Increased
months QN27:	before Percent	the surv	ey)			onsidere n about	22.0	15.8	17.4	19.3	20.0	20.7	21.8	No linear change		Increased

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

Maryland High School Survey

obuce	o Use			Healt	h Risk	Behavio	or and P	ercenta	iges					Linear Change*	Quadratic Change*	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
	Percent the surv		students	who cui	rently s	moked o	cigarette	s (on at	least 1 d	ay durir	ng the 30) days				
Deloie	uie sui v	Cy)					16.0	15.8	11.6	12.3	10.0	7.7	6.3	Decreased, 2005-2016	No quadratic change	Decreased
		ercentag lays befo			o currer	ntly smo	ked ciga 7.4	rettes fr 6.6	equently 4.3	4.1	or more 2.7	days 1.9	1.4	Decreased, 2005-2016	No quadratic change	Decreased
QNDA		Percent fore the		udents v	who cur	rently sr	noked ci	garettes	daily (c	on all 30	days du	ring				
the 30							5.8	4.5	3.4	3.2	1.8	1.4	1.0	Decreased, 2005-2016	No quadratic change	Decreased
the 30																

Maryland High School Survey

obacc				Healt	th Risk	Behavio	or and P	ercenta	nges					Linear Change*	Quadratic Change [*]	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	-		
e-cigar	ettes, e-o Vuse, N	cigars, e MarkTer	students e-pipes, v 1, Logic,	vape pip	es, vapi	used an e ng pens, lo, and H	e-hooka	ahs, and	hookah	pens [s	uch as b	lu, /s				
	the surv	ey)								U	-					
	the surv	ey)							2	U		18.7	12.1	Decreased, 2014-2016	Not available [§]	Decreased
before QN38:	Percent	tage of s	students 30 days 1	who cu	rrently s	moked c						18.7	12.1	Decreased, 2014-2016	Not available [§]	Decreased
before QN38:	Percent	tage of s		who cu	rrently s	moked c						18.7	6.3	Decreased, 2014-2016 No linear change	Not available [§] No change, 2005-2013 Decreased, 2013-2016	Decreased
QN38: least 1 QNTB	Percent day duri 2: Perce	tage of s ing the 3	30 days l	who cur before th	rrently s	moked c	eigars (ci 6.7	igars, ci 7.9	garillos, 8.8	, or little 8.9	e cigars, 8.7	18.7 on at 7.8			No change, 2005-2013	

Maryland High School Survey

Trend Analysis Report

Female Alcohol	and O	her Dr	ug Use	Heal	th Risk	Behavio	or and P	ercenta	iges					Linear Change [*]	Quadratic Change*	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
QN40: during t			students	who ev	er drank	alcohol	(at least	t one dri	nk of al	cohol, o	n at leas	t 1 day				
6							74.7	75.3	69.3	66.8	63.9	56.6	57.7	Decreased, 2005-2016	No quadratic change	No change
QN41: few sip		tage of s	students	who ha	d their f	irst drinl	c of alco	hol befo	ore age 1	3 years	(other th	nan a				
Ĩ							24.1	20.3	21.8	22.2	17.1	15.9	14.4	Decreased, 2005-2016	No change, 2005-2011 Decreased, 2011-2016	Decreased
				who cu		lrank alc	ohol (at	least on	e drink	of alcoh	ol, on at	least 1				
·	0						41.9	45.3	39.4	36.8	33.0	29.1	28.6	Decreased, 2005-2016	No quadratic change	No change
QN46:	Percen	tage of s	students	who ev	er used i	marijuar	a (one c	or more	times du	ring the	ir life)		-			
							34.4	34.5	32.1	36.9	34.0	32.1	32.9	No linear change	No quadratic change	No change
QN47:	Percen	tage of s	students	who trie	ed marij	uana for	the first	t time be	efore age	e 13 year	rs					
							6.5	5.3	5.3	6.0	5.8	5.9	5.1	No linear change	No quadratic change	Decreased

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

Maryland High School Survey

Trend Analysis Report

				Healt	h Risk	Behavio	or and P	ercenta	ges					Linear Change*	Quadratic Change [*]	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
	Percent the surve		students	who cur	rently u	sed mar	ijuana (o	one or m	ore time	es during	g the 30	days				
							18.4	15.9	19.2	20.4	17.8	18.2	19.0	No linear change	No quadratic change	No change
															1 0	
			students re times				any fori 5.3	n of coc 3.6	caine, ind 4.5	cluding 4.6	powder, 4.2	crack, 3.6	3.4	Decreased, 2005-2016	No quadratic change	No change
or freeb	Percent	e or mor	re times	during the	heir life)	5.3	3.6	4.5	4.6	-	3.6				No change
QN51:	Percent	e or mor	students	during the	heir life)	5.3	3.6	4.5	4.6	4.2	3.6				No change No change
QN51: one or p QN52:	Percent nore tin	e or mor tage of s nes duri tage of s	students ng their	during the who even w	heir life er used l) neroin (a nethamp	5.3 Ilso calle 2.3	3.6 ed "smaa 0.8	4.5 ck," "jun 1.7	4.6 hk," or "(1.9	4.2 China W	3.6 /hite," 2.4	3.4	Decreased, 2005-2016	No quadratic 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

Trend Analysis Report

				Healt	h Risk	Behavio	or and P	ercenta	iges					Linear Change [*]	Quadratic Change [*]	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
QN53: during			students	who eve	er used e	ecstasy (also call	led "ME	9MA," o	ne or m	ore time	s				
							5.1	5.2	4.7	5.5	5.7	4.3	3.6	No linear change	No quadratic change	Decreased
QN54: weed,"	Percent "King k	tage of s Kong," "	students Yucatar	who eve Fire," '	er used s 'Skunk,'	synthetic	marijua	ana (also ks," one	o called or more	"K2," "S times d	Spice," " luring th	fake eir				
weed,"	Percent "King F	tage of s Kong," "	students Yucatan	who eve i Fire," '	er used s 'Skunk,'	synthetic ' or "Mo	e marijua on Rocł	ana (also cs," one	o called or more	"K2," "S e times d	Spice," " luring th	fake eir 7.5	5.5	Decreased, 2014-2016	Not available ⁸	Decreased
weed," life) QN57:	"King k Percent	Kong," " tage of s	Yucatan	Fire," ' who eve	'Skunk,' er injecto	or "Mo	on Rock	ks," one	or more	times d	Spice," " luring th ect any il	eir 7.5	5.5	Decreased, 2014-2016	Not available [§]	Decreased
weed," life) QN57:	"King k Percent	Kong," " tage of s	Yucatan	Fire," ' who eve	'Skunk,' er injecto	or "Mo	on Rock	ks," one ug (usec	or more	e times d	luring th	eir 7.5 Ilegal	5.5	Decreased, 2014-2016 No linear change	Not available [§] No quadratic change	Decreased No change
weed," life) QN57: drug inf QN58:	Percent	tage of s body, or	Yucatan students ne or mo	who eve who who we	'Skunk,' er injecto s during re offere	or "Mo ed any il their life	llegal dr 2) 1.7	ug (useo 0.7	or more l a needl 1.4	e times d le to inje 2.5	luring th	eir 7.5 Ilegal 2.4				

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

Maryland High School Survey

Female Sexual I	3ehavio	rs		Healt	h Risk 1	Behavio	or and P	ercenta	iges					Linear Change*	Quadratic Change [*]	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
QN59:	Percent	tage of s	students	who eve	er had se	exual int	ercourse	;			36.4	29.8	29.7	Decreased, 2013-2016	Not available ⁸	No change
QN60:	Percent	tage of s	students	who had	l sexual	intercou	urse for t	he first	time be	fore age	13 year	s				
											3.2	2.4	2.0	Decreased, 2013-2016	Not available	Decreased
QN61:	Percent	tage of s	students	who had	l sexual	intercou	urse with	n four oi	r more p	ersons o	luring th	eir life				
											9.3	5.9	5.6	Decreased, 2013-2016	Not available	No change
				who we nonths b				ive (had	l sexual	intercou	urse with	ı at				
											26.7	22.1	22.2	Decreased, 2013-2016	Not available	No change

Maryland High School Survey

Female Sexual I	3ehavi o	rs		Healt	h Risk	Behavio	or and P	ercenta	iges					Linear Change [*]	Quadratic Change [*]	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	-		
				who dra xually a		hol or us	sed drug	s before	last sex	ual inte	rcourse (among				
stadent		010 0411	entry se		• • • • • • •						20.1	21.2	19.7	No linear change	Not available [§]	No change
	Percent ere curre				ed a con	dom dur	ing last	sexual i	ntercou	rse (amo	ong stude	ents				
											56.4	55.6	50.7	Decreased, 2013-2016	Not available	Decreased
				who we ated blo		tested fo	r humar	immun	odeficie	ency viru	us (HIV)	(not				
												12.9	14.0	Increased, 2014-2016	Not available	Increased
						control j y sexuall			sexual ii	ntercour	se (to pr	event				
											21.9	21.8	23.1	No linear change	Not available	No change

Maryland High School Survey

Trend Analysis Report

				Healt	h Risk]	Behavio	r and P	ercenta	iges					Linear Change*	Quadratic Change [*]	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
(such a		non or N	lexplano	on) befor	e last se	an IUD exual inte						nt				
			Ĵ	5	,						1.8	2.6	5.1	Increased, 2013-2016	Not available [§]	Increased
ÔrthoE	lvra), or	birth co	ntrol rin	g (such	as Nuva	d a shot Ring) bo sexuall	efore las	st sexual								
											5.7	6.0	4.8	No linear change	Not available	No change
	HHPL: ard) or in	nplant (s	such as l	Implano	n or Ney	d birth c xplanon) as Nuv	; or a sh	ot (such	as Dep	o-Prove	ra), patc	h				
ParaGa (such a	s Orthol					currently										

*Based on trend analyses using a logistic regression model controlling 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

				Healt	th Risk	Behavio	or and P	ercenta	nges					Linear Change [*]	Quadratic Change [*]	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
			tage of s	students	who use	ed both a	a condor	n during	a last con	unal inta		and				
oirth con Nexplan Is Nuva	non); or Ring) b	a shot (before la	(such as ast sexua	ch as Mir Depo-P	rena or I rovera),	ParaGaro	d) or imp such as C	olant (su OrthoEv	ich as In ra), or b	nplanon 9irth con	or trol ring					
birth con Nexplan	non); or Ring) b	a shot (before la	(such as ast sexua	ch as Mir Depo-P	rena or I rovera),	ParaGaro patch (s	d) or imp such as C	olant (su OrthoEv	ich as In ra), or b	nplanon 9irth con	or trol ring		10.8	No linear change	Not available [§]	No change
oirth con Nexplan as Nuva currently QNBCN	ion); or Ring) b y sexua	a shot (before la lly activ Percent	(such as ast sexua ve) tage of s	ch as Min Depo-P al interco students	rena or I rovera), ourse (to who did	ParaGarc patch (s prevent	d) or imp such as C t pregnat	blant (su DrthoEv ncy, am thod to j	ich as In ra), or b ong stud	nplanon virth con dents wh	or trol ring 10 were	(such 11.6	10.8	No linear change	Not available [§]	No change

Maryland High School Survey

Trend Analysis Report

				Healt	th Risk]	Behavio	r and P	ercenta	iges					Linear Change*	Quadratic Change*	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
						erweigh ic referei										
							15.7	15.1	14.9	15.3	14.8	15.4	16.0	No linear change	No quadratic change	No change
on sex-	and age	e-specif	ic refere	nce data	from th	besity (> e 2000 C	CDC gro 9.6	wth cha 9.1	arts) [§] 8.5	10.5	8.2	based 8.8	10.4	No linear change	No quadratic change	Increased
on sex-	and age	e-specif	ic refere	nce data	from th	e 2000 C	CDC gro 9.6	wth cha 9.1	arts) [§] 8.5	10.5	8.2		10.4 31.4	No linear change No linear change	No quadratic change No quadratic change	Increased No change
QN68: QN70:	and age Percen Percen	tage of tage o	ic refere	who des	scribed t	e 2000 C	CDC gro 9.6 es as sli 32.9	9.1 9.1 ghtly or 32.3	8.5 very ov 32.5	10.5 verweigh 30.8	8.2 at 31.9	8.8 30.8				
QN68: QN70:	and age Percen Percen	tage of tage o	tic refere students students	who des	scribed t	e 2000 C	CDC gro 9.6 es as sli 32.9	9.1 9.1 ghtly or 32.3	8.5 very ov 32.5	10.5 /erweigh 30.8 one or n	8.2 at 31.9	8.8 30.8				
QN68: QN70: during	and age Percen Percen he 7 da Percen	tage of a tage o	students students re the su	who des who dic rvey)	from th scribed t l not drin	e 2000 C	CDC gro 9.6 es as sli 32.9 uice (10 18.6	with cha 9.1 ghtly or 32.3 00% frui 20.3	urts) [§] 8.5 • very ov 32.5 t juices 17.2	10.5 /erweigh 30.8 one or n 18.6	8.2 tt 31.9 nore time 24.4	8.8 30.8 es 28.3	31.4	No linear change	No quadratic change No change, 2005-2009	No change

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

[§]Overweight and obese prevalence estimates for 1999 differ slightly from previously published results because different BMI cut points were used in 1999 than in

subsequent years. To make these prevalence estimates comparable, the 1999 prevalence estimates were recalculated using the updated BMI cut points. In addition, beginning in 2017, new, slightly different ranges were used to calculate biologically implausible responses to height and weight questions.

Maryland High School Survey

Trend Analysis Report

				Healt	h Risk]	Behavio	or and P	ercenta	iges					Linear Change*	Quadratic Change*	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
						at fruit o lays befo			uit juice	s (such	as orang	e				
							5.2	4.5	3.4	4.9	5.3	6.7	7.3	Increased, 2005-2016	No change, 2005-2009 Increased, 2009-2016	No change
						or drank e, during					imes per	r day				
											imes per 60.2	54.5	52.5	No linear change	Increased, 2005-2011 Decreased, 2011-2016	Decreased
(such a	s orang 2: Perce	e juice, a	apple jui	ice, or gi ts who a	rape juic		g the 7 c 57.2 100% f	55.3 ruit juic	65.8 es two o	60.4 r more t	60.2	54.5	52.5	No linear change		Decreased
(such a	s orang 2: Perce	e juice, a	apple jui	ice, or gi ts who a	rape juic	e, during	g the 7 c 57.2 100% f	lays bef 55.3 ruit juic lays bef	65.8 es two o	60.4 60.4 r more t survey)	60.2	54.5	52.5 25.6	No linear change No linear change		Decreased
(such a QNFR (such a QNFR	s orang 2: Perco s orang 3: Perco	e juice, a entage o e juice, a entage o	apple jui f studen apple jui	ts who a dice, or gr	rape juic te fruit (rape juic te fruit (e, during	g the 7 c 57.2 100% f g the 7 c 27.6	lays bef 55.3 ruit juic lays bef 28.4 ruit juic	es two o ore the s 35.9 es three	60.4 or more t survey) 32.8 or more	60.2 imes per 31.2	54.5 r day 27.3			Decreased, 2011-2016 Increased, 2005-2009	

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

Maryland High School Survey

Trend Analysis Report

			nd Diet	-		Behavio	or and P	ercenta	iges					Linear Change [*]	Quadratic Change*	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
	Percent the surv		tudents	who did	not eat	green sa	alad (one	e or mor	e times	during t	he 7 day	'S				
							32.3	33.7	32.8	36.6	34.0	38.8	41.3	Increased, 2005-2016	No quadratic change	Increased
QN73: the sur		tage of s	tudents	who did	not eat	potatoes	s (one or	more ti	imes dui	ring the	7 days b	efore				
							37.1	36.0	37.1	39.0	37.4	40.1	39.9	No linear change	No quadratic change	No change
QN74: the sur		tage of s	tudents	who did	not eat	carrots	(one or 1	nore tin	nes durii	ng the 7	days be	fore				
							58.7	61.0	54.3	54.5	53.7	55.7	56.7	No linear change	No quadratic change	No change
	Percent		tudents	who did	not eat	other ve	getables	s (one o	r more ti	imes dur	ring the	7 days				
	the surv	ey)														

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

Maryland High School Survey

Trend Analysis Report

				Healt	h Risk	Behavio	r and P	ercenta	ges					Linear Change*	Quadratic Change*	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
	fries, fr					eat vege rrots, or										
•							5.1	5.2	4.2	5.6	5.6	6.9	7.4	Increased, 2005-2016	No change, 2005-2009	No change
															Increased, 2009-2016	
potatoe	s [exclu		ench frie			etables of , or pota						uring			Increased, 2009-2016	
potatoe	s [exclu	iding Fre	ench frie								tables, d	uring 58.3	56.5	No linear change	No quadratic change	Decreased
potatoe the 7 d QNVE potatoe	s [exclu ays befo G2: Per s [exclu	ding Fre ore the su	ench frie urvey) of stude ench frie	ents who	potatoes		60.3], carrot 57.6 hore tim	62.1 es per d	59.9 ay (gree	tables, d 62.1 n salad,	58.3	56.5	No linear change		Decreased
potatoe the 7 d QNVE potatoe	s [exclu ays befo G2: Per s [exclu	ding Fre ore the su ccentage ding Fre	ench frie urvey) of stude ench frie	ents who	potatoes	etables t	60.3], carrot 57.6 hore tim	62.1 es per d	59.9 ay (gree her vege	tables, d 62.1 n salad, tables, d	58.3	56.5 22.5	No linear change No linear change		Decreased
QNVE potatoe potatoe the 7 d QNVE potatoe	s [exclu ays befo G2: Per s [exclu ays befo G3: Per s [exclu	rcentage ore the su ccentage ding Fra ore the su ccentage	of stude ench frie ench frie urvey) of stude ench frie	ents who ents who ents who) ate veg potatoes	etables t	60.3 wo or n tto chips 27.6 hree or], carrot 57.6 nore tim], carrot 23.4 more tin	62.1 es per d ts, or oth 26.6 nes per	ay (gree 26.9 day (gree 26.9 day (gree	tables, d 62.1 n salad, tables, d 26.8 een salad	58.3 uring 24.1			No quadratic 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

Trend Analysis Report

				Healt	th Risk	Behavio	r and P	ercenta	ges					Linear Change*	Quadratic Change*	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
						nk a can pop, dur						Coke,				
									23.5	23.3	31.3	30.9	33.8	Increased, 2009-2016	Not available [§]	Increased
ONSO	λ1· Ρ	ercenta	re of stu	dents wi	ho dranl	za can l	ottle o	م ععدام ا	f soda o	r non or	e or mo	ro				
imes p		such as				c a can, t tot count							12.1	Decreased, 2009-2016	Not available	Decreased
times p before QNSO times p	er day (the surv	such as ey) Percentag such as	Coke, P	epsi, or dents wi	Sprite, r		oottle, o	soda or r glass o	diet pop 18.8 f soda o	22.5 r pop tw	g the 7 d 15.0 70 or mo	ays 14.2 re	12.1	Decreased, 2009-2016	Not available	Decreased
times p before QNSO times p	er day (the surv DA2: P er day (such as ey) Percentag such as	Coke, P	epsi, or dents wi	Sprite, r	tot count	oottle, o	soda or r glass o	diet pop 18.8 f soda o	o, during 22.5 r pop tw o, during	g the 7 d 15.0 70 or mo	ays 14.2 re	12.1	Decreased, 2009-2016 Decreased, 2009-2016	Not available Not available	Decreased
UNSO WINSO UNSO UNSO UNSO UNSO	er day (the surv DA2: P er day (the surv DA3: P	such as ey) Percentag such as ey) Percentag such as	Coke, P ge of stu Coke, P ge of stu	dents wi dents wi dents wi	Sprite, r ho drank Sprite, r ho drank	tot count	oottle, or ing diet	r glass o soda or	diet pop 18.8 f soda o diet pop 12.3 f soda o	22.5 r pop tw o, during 15.2 r pop th	g the 7 d 15.0 70 or mo g the 7 d 10.3 ree or m	ays 14.2 re ays 9.5 ore				

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

Maryland High School Survey

Trend Analysis Report

Physica	l Activi	ty		Healt	h Risk	Behavio	or and P	ercenta	ages					Linear Change [*]	Quadratic Change [*]	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
days (ii	n any ki	nd of ph	ysical a	who we ctivity the	nat incre	eased the	tive at le ir heart	east 60 r rate and	ninutes j l made ti	per day hem bre	on 5 or 1 athe har	nore d some				
		ing the	, aujo o	erore un	, sai vej	,				32.3	33.8	30.1	28.4	No linear change	Not available [§]	Decreased
activity	on at le	east 1 da	ıy (in an	tudents y y kind o time du	f physic	al activi	ty that i	ncreased	d their h	nutes of eart rate	and ma	de	05.4			
activity	on at le	east 1 da	ıy (in an	y kind o	f physic	al activi	ty that i	ncreased	d their h	nutes of eart rate 17.9	physica and ma 21.0	l de 22.8	25.4	Increased, 2011-2016	Not available	Increased
activity them b QNPA days (in	on at le reathe h 7DAY: n any ki	east 1 da ard som Percent nd of ph	e of the	y kind o time du	f physic ring the who wer nat incre	re physic	ty that is before th	ncreased e survey	d their hey) east 60 m	eart rate	and ma 21.0 per day o	de 22.8 on all 7	25.4	Increased, 2011-2016	Not available	Increased
activity them b QNPA days (in	on at le reathe h 7DAY: n any ki	east 1 da ard som Percent nd of ph	e of the	y kind o time dur tudents ctivity th	f physic ring the who wer nat incre	re physic	ty that is before th	ncreased e survey	d their hey) east 60 m	eart rate 17.9	and ma 21.0 per day o	de 22.8 on all 7	25.4	Increased, 2011-2016 No linear change	Not available Not available	Increased
activity them b QNPA days (in of the t	on at le reathe h 7DAY: n any ki ime dur	Percent nd of ph ing the	ay (in an e of the rage of s aysical a 7 days be	y kind o time dur tudents v ctivity th efore the	f physic ring the who we nat incre survey	al activi 7 days b re physic eased the)	ty that in before th cally act fir heart	ive at le	d their h y) east 60 m l made th	eart rate 17.9 ninutes p hem brea	and ma 21.0 per day c athe har 16.0	de 22.8 on all 7 d some 14.1		, 		

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

Maryland High School Survey

				Healt	h Risk l	Behavio	r and P	ercenta	ges					Linear Change [*]	Quadratic Change*	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
nours p	er day (counting	tudents g time sp	ent on t												
			ouTube, average	Instagra	ım, Face	ebook, o	r other s	ocial m	edia, foi	r someth	ning that	was	36.3	Increased, 2009-2016	Not available ^s	Decreased
ot sch	ool wor	k, on an		Instagra school o who atte	um, Face day) ended ph	ebook, o	r other s	ocial m	edia, for 25.9	33.5	ning that 35.1	was 37.9	36.3	Increased, 2009-2016	Not available [§]	Decreased
not sch	ool wor	k, on an	average	Instagra school o who atte	um, Face day) ended ph	ebook, o	r other s	ocial m	edia, for 25.9	33.5	35.1	was 37.9	36.3 29.1	Increased, 2009-2016 No linear change	Not available [§] No quadratic change	Decreased No change
ONB2: ONB2: Overage	Percen e week v YPE: P	k, on an tage of s when the Percentag	average	Instagra school o who atte n school dents wh	um, Face day) ended ph l) to attence	ebook, o	r other s ducation 30.2	n (PE) c 29.8	edia, for 25.9 lasses or 30.6	r someth 33.5 n 1 or m 31.1	35.1 ore days 31.3	was 37.9 s (in an 30.6				

Maryland High School Survey

				Healt	h Risk]	Behavio	or and P	ercenta	iges					Linear Change*	Quadratic Change*	Change from 2014-2016 [†]
1991 1	993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
QN86: P lental wo	ercenta ork, dur	ge of s ing the	tudents 12 mor	who say	v a denti ore the su	st (for a urvey)	check-u	ıp, exan	n, teeth	cleaning	, or othe	er				
												77.5	78.3	No linear change	Not available [§]	No change
			ge of stu	udents w	ho neve	r saw a c	dentist (1	for a che	eck-up,	exam, te	eeth clea		78.3	No linear change	Not available [§] Not available	No change
QNNODI or other d QN87: P	ental w	vork)										ning, 1.5				

Maryland High School Survey

Female Site-Ad	ded			Healt	h Risk	Behavio	or and P	ercenta	ges					Linear Change*	Quadratic Change*	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
	Percent hey live		students	who rep	ort that	their par	rents or	guardia	ns own t	he home	e or plac	e	-			
where	incy nvc											65.0	64.0	No linear change	Not available [§]	No change
QN94: time)	Percent	tage of s	students	who wh	o smok	ed a who	ole cigar	ette befo	ore age 1	3 years	(for the	first				
							12.8	11.8	9.0	9.4	5.7	5.2	5.1	Decreased, 2005-2016	No quadratic change	No change
QN96:	Percent buy cig	tage of s	students at a store	who we during	re asked the 30 d	l to shov lays befo	v proof o	of age (a			5.7 who bou		5.1	Decreased, 2005-2016	No quadratic change	No change
QN96:	Percent buy cig	tage of s arettes a	students at a store	who we e during	re askec the 30 c	l to shov lays befo	v proof o	of age (a					5.1	Decreased, 2005-2016 No linear change	No quadratic change Not available	No change Increased
QN96: tried to QN97:	buy cig Percent	tage of s	at a store	e during who had	the 30 c	lays befo	v proof o ore the s e to sell	of age (a urvey) them ci	mong st	because	who bou	ght or 37.8				

Maryland High School Survey

Trend Analysis Report

Female Site-Add	led			Healt	h Risk	Behavio	or and P	ercenta	iges					Linear Change*	Quadratic Change*	Change from
																2014-2016 *
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
QN99: electron	Percentic vapo	tage of s or produc	students ct (amor	who usu ng studer	ally usents who	e a kind o have evo	of flavoi er used a	ring othe an electr	er than t conic va	obacco por prod	flavor w luct)	ith an				
												95.2	97.0	Increased, 2014-2016	Not available [§]	Increased
little cig	gars, fla	ntage of vored sr the surv	nokeless	s who us s tobacc	sed flavo o produo	ored toba cts, or bo	acco pro oth, excl	ducts (f uding m	lavored nenthol of	cigars, o cigarette	cigarillo es, during	s, or g the				
											10.5	9.7	5.1	Decreased, 2013-2016	Not available	Decreased
											10.5	9.7	5.1	Decreased, 2013-2016	Not available	Decreased
		ntage of the surv		s who tr	ied or u	sed toba	cco proc	lucts for	the firs	t time (c			5.1	Decreased, 2013-2016	Not available	Decreased
				s who tr	ied or u	sed toba	cco proc	lucts for	the firs	t time (c			5.1 7.7	Decreased, 2013-2016 Decreased, 2014-2016	Not available Not available	Decreased
months QN104:	before Percer before	the surv ntage of the surv	ey)	s who co	omplete	sed tobad ly quit used an	sing all	tobacco	product	ts (durin	during th	ne 12 11.1				

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

Maryland High School Survey

Female Site-Ado	led			Healt	h Risk]	Behavio	or and P	ercenta	iges					Linear Change*	Quadratic Change*	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
QN105	: Percei	ntage of	student	s who li	ve with	someone	e who no	ow smol	kes ciga	rettes or	cigars 37.2	36.8	31.1	Decreased, 2013-2016	Not available [§]	Decreased
QN111 sports,						e in any ent)	extracu	ricular	activitie	s at scho	ool (such	n as				
							61.2	62.7	63.6	59.5	66.8	67.7	68.4	Increased, 2005-2016	No quadratic change	No change
QN112 use (du					ere taug	tht in an	y of thei	r classes	s about t	he dang	ers of to	bacco				
											68.8	61.2	59.0	Decreased, 2013-2016	Not available	Decreased
QN113 have m			student	s who sa	ay defini	itely yes	or prob	ably yes	that yo	ung peo	ple who	smoke				
											38.0	35.7	36.4	Decreased, 2013-2016	Not available	No change

Maryland High School Survey

	ded			Healt	h Risk	Behavio	or and P	ercenta	iges					Linear Change*	Quadratic Change [*]	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
				s who sa	ıy defini	tely yes	or prob	ably yes	that sm	oking n	nakes yo	ung				
people	IOOK CO	ol or fit									20.2	18.2	19.3	No linear change	Not available [§]	No change
								approve	of some	eone the	ir age ha	ving				
one or	wo drin	ıks of an	alcohol	lic bevei	age nea	rly every	y day									
												67.1	65.9	No linear change	Not available	No change
(physic	ally and	ntage of l in othe or liquor	r ways)	s who th if they h	iink peo ave five	ple are a or more	t moder e drinks	ate or gr of alcol	reat risk nol once	of harm or twice	ning then e a week	nselves	65.9	No linear change	Not available	No change
(physic	ally and	l in othe	r ways)	s who th if they h	iink peo ave five	ple are a e or more	t moder e drinks	ate or gr of alcoh	reat risk nol once	of harm or twice	ning then e a week 78.1	nselves	65.9 80.1	No linear change Increased, 2013-2016	Not available Not available	No change No change
(physic as beer QN117	ally and , wine, c	l in othe or liquor ntage of	r ways) :)	if they h	ave five	or more	e drinks	of alcol	iol once	or twice	e a week	nselves (such 81.3				

Maryland High School Survey

Trend Analysis Report

			Healt	h Risk	Behavio	r and P	ercenta	iges					Linear Change [*]	Quadratic Change [*]	Change from 2014-2016 [†]
1991 1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
QN118: Perce pesides their p	entage of arents if	students	s who w l an imp	ould fee	el comfor uestion a	rtable se	eking h g their li	elp from fe	n one or	more ad	ults				
1		5	1	1		87.5	86.4	86.8	79.5	78.8	79.0	78.6	Decreased, 2005-2016	No quadratic change	No change

Maryland High School Survey

Trend Analysis Report

				Healt	h Risk]	Behavio	or and P	ercenta	ges					Linear Change [†]	Quadratic Change [†]	Change from 2014-2016 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
		age of st more til							nking al	cohol (ii	n a car o	r other				
							26.9	28.9	28.3	22.6	19.1	18.7	13.5	Decreased, 2005-2016	No change, 2005-2009	Decreased
															Decreased, 2009-2016	
(one or	more ti		ing the 3	30 days	before th	ne surve					rinking a ren a car				Decreased, 2009-2016	
(one or	more ti	mes dur	ing the 3	30 days	before th	ne surve							5.4	Decreased, 2013-2016	Not available [¶]	Decreased
(one or other v QN11: 1 day d	more ti ehicle d Percent uring th	mes dur uring the tage of s	ing the 3 e 30 day students ys before	30 days s before who tex e the sur	ted or e-	ne surve vey) -mailed	y, amon while dr	g studer	ts who	had driv	en a car	or 7.2 at least	5.4	Decreased, 2013-2016		Decreased
(one or other v QN11: 1 day d	more ti ehicle d Percent uring th	mes dur uring the tage of s ie 30 day	ing the 3 e 30 day students ys before	30 days s before who tex e the sur	ted or e-	ne surve vey) -mailed	y, amon while dr	g studer	ts who	had driv	en a car 8.8 icle (on a	or 7.2 at least	5.4	Decreased, 2013-2016 Decreased, 2013-2016		Decreased No change
(one or other v QN11: 1 day d during QN13:	more ti ehicle d Percenuring th the 30 d	tage of s lays befor	ing the 3 e 30 day students ys before ore the s	30 days s before who tex e the sur urvey) who car	ted or e- vey, am	ne surve vey) -mailed ong stud	y, amon while dr lents wh	g studer iving a o had di	tts who l	had driv	en a car 8.8 icle (on a her vehic	or 7.2 at least cle 30.6			Not available¶	

Maryland High School Survey

Vhite* njury :	and Vio	lence		Hoolt	h Rick	Behavio	r and D	Darcanto	MAG					Linear Change [†]	Quadratic Change [†]	Change from
				mean	II KISK .	Dellaviu	or and r	ercenta	iges						Quaurance Change	2014-2016 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
						tened or es during						ty				
							11.6	8.7	6.4	5.4	7.1	5.5	5.5	Decreased, 2005-2016	Decreased, 2005-2013 Decreased, 2013-2016	No change
	Percent the 12 n					hysical	fight on	school	property	(one or	more ti	mes				
							14.1	10.0	7.4	6.9	8.3	7.0	6.9	Decreased, 2005-2016	Decreased, 2005-2009 No change, 2009-2016	No change
	Percent d not wa		students	who we	re ever j	physical	ly force	d to hav	e sexual	interco	urse (wh	en	1			
											7.6	6.6	6.9	No linear change	Not available [¶]	No change
QN21: they w being p during	Percent ere datin physicall	tage of s ng or goi ly forced nonths b	ng out v l to have efore th	vith to d sexual e survey	o sexual intercou	d sexual l things urse] that g student	[countin t they di	ig such t d not wa	hings as ant to, or	s kissing ne or mo	by some , touching ore times	one ng, or	6.9	No linear change	Not available [¶]	No cł

Maryland High School Survey

Trend Analysis Report

White* Injury a	nd Vio	lence														
				Heal	th Risk	Behavio	or and P	Percenta	iges					Linear Change [†]	Quadratic Change [†]	Change from 2014-2016 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	-		
QN22: purpose into son the surv survey)	by son nething	neone th , or inju	ey were red with	e dating n an obje	or going	out wit apon] o		ing such	n things s during	as being the 12 1	; hit, slaı nonths l	mmed before				
survey)											9.3	8.7	7.6	Decreased, 2013-2016	Not available [¶]	Decreased
QN23: before t			students	who we	ere bullio	ed on scl	hool pro	perty (e	ver duri	ng the 1	2 month	IS				
		•							23.7	26.3	22.3	20.6	21.3	Decreased, 2009-2016	Not available	No change
QN24: texting,																
										17.0	16.6	16.0	17.0	No linear change	Not available	Increased
QN25: that they							s (almos ing the 1					row so				
							28.4	21.5	21.5	24.6	25.2	25.9	28.7	No linear change	Decreased, 2005-2009 Increased, 2009-2016	Increased

Maryland High School Survey

				Healt	h Risk l	Behavio	r and P	ercenta	iges					Linear Change [†]	Quadratic Change †	Change from 2014-2016 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
			students	who seri	iously co	onsidere	d attem	pting su	icide (ev	ver durin	g the 12					
		tage of s the surv		who seri	iously co	onsidere	ed attemp 19.1	pting su 14.6	icide (ev 12.1	ver durin 16.3	g the 12 14.9	15.8	16.6	No linear change	Decreased, 2005-2009 Increased, 2009-2016	No change
months QN27:	before Percent	the surv	ey) students		, 		19.1	14.6	12.1	16.3	14.9	15.8	16.6	No linear change		No change

Maryland High School Survey

Trend Analysis Report

White* Tobacco) Use															
				Healt	th Risk	Behavio	or and P	ercenta	iges					Linear Change [†]	Quadratic Change [†]	Change from 2014-2016 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
QN32: before t			students	who cu	rrently s	moked o	cigarette	s (on at	least 1 d	lay durii	ng the 30) days				
		- , ,					21.4	18.5	15.7	16.5	13.8	10.8	8.6	Decreased, 2005-2016	No quadratic change	Decreased
QNFRC during t					io currei	ntly smo	ked ciga	rettes fi	requently	y (on 20	or more	e days				
							10.9	8.7	6.9	6.6	5.0	3.4	2.2	Decreased, 2005-2016	No quadratic change	Decreased
QNDA the 30 d				tudents	who cur	rently sr	noked ci	garettes	daily (o	on all 30	days du	iring				
							7.8	6.0	5.6	4.7	3.5	2.4	1.6	Decreased, 2005-2016	No quadratic change	Decreased
	s, e-pipe	es, vape	pipes, v	aping pe	ens, e-ho	an electr ookahs, a										
	, 2081	, , upi		, und								38.9	36.1	Decreased, 2014-2016	Not available [¶]	Decreased

Maryland High School Survey

Trend Analysis Report

White* Tobacc				Healt	th Risk i	Behavio	or and P	'ercenta	ages					Linear Change [†]	Quadratic Change [†]	Change from 2014-2016 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	-		
e-cigat NJOY	Percent rettes, e-c , Vuse, N the surv	cigars, e ⁄IarkTen	-pipes, v	vape pip	es, vapi	ng pens,	e-hooka	ahs, and	hookah	pens [s	uch as b		16.0	Decreased, 2014-2016	Not available [¶]	Decreased
	Percen day duri						cigars (ci	igars, ci	garillos,	or little	cigars,	on at				
							15.0	11.0	12.4	12.4	11.5	9.9	8.3	Decreased, 2005-2016	No quadratic change	Decreased
	2: Perce days bef			ts who c	currently	smoked	l cigaret 25.2	tes or ci 23.5	gars (on 21.8	at least 21.3	1 day d 18.5	uring 15.3	12.6	Decreased, 2005-2016	No quadratic change	Decreased

Maryland High School Survey

				Healt	th Risk	Behavio	or and P	ercenta	iges					Linear Change †	Quadratic Change [†]	Change from 2014-2016 [§]
1991 1	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
QN40: P luring the			tudents	who ev	er drank	alcohol	(at least	t one dri	nk of al	cohol, o	n at leas	t 1 day				
							77.1	77.3	67.5	67.4	65.8	58.1	60.0	Decreased, 2005-2016	No quadratic change	Increased
QN41: P few sips)		age of s	tudents	who ha	d their f	irst drinl	k of alco	hol befo	ore age 1	3 years	(other th	nan a				
							23.5	23.6	19.3	20.1	16.5	15.7	14.2	Decreased, 2005-2016	No quadratic change	Decreased
QN42: P lay durin						łrank alc	cohol (at	least on	e drink	of alcoh	ol, on at	least 1				
							46.2	49.0	40.9	41.4	37.4	33.3	33.2	Decreased, 2005-2016	No quadratic change	No change
QN46: P	ercent	age of s	tudents	who evo	er used	marijuar	na (one c	or more	times du	ring the	ir life)					
							39.9	32.4	32.6	36.6	34.4	30.6	30.5	Decreased, 2005-2016	No quadratic change	No change

Maryland High School Survey

White* Alcohol	and Ot	her Dru	ıg Use	Healt	th Risk]	Behavio	or and P	ercenta	iges					Linear Change [†]	Quadratic Change [†]	Change from 2014-2016 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
	Percent he surve		tudents	who cur	rrently u	sed mar	ijuana (o	one or n	nore time	es durin	g the 30	days				
							20.8	16.8	21.2	23.4	19.7	18.8	18.6	No linear change	No quadratic change	No change
					er used c heir life	cocaine (any for	n of coo	caine, in	cluding	powder,	crack,				
							9.5	6.3	7.2	6.7	5.1	4.3	3.6	Decreased, 2005-2016	No quadratic change	Decreased
	Percent nore tin				er used ł	neroin (a	lso calle	ed "smae	ck," "jur	ık," or "	China W	hite,"				
							2.7	2.4	3.5	2.7	3.1	2.6	2.0	No linear change	No quadratic change	Decreased
					er used r ring the	nethamp ir life)	ohetamir	nes (also	called	'speed,"	"crystal	,"				
							5.2	3.1	4.4	3.1	3.3	2.7	2.3	Decreased, 2005-2016	No quadratic change	Decreased

Maryland High School Survey

Trend Analysis Report

lcohol	and Ot	ther Dru	ug Use	Healt	h Risk	Behavio	or and P	Percenta	iges					Linear Change [†]	Quadratic Change †	Change from 2014-2016 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
	Percent their life		students	who eve	er used e	ecstasy (also cal	led "MI	OMA," o	one or m	ore time	s				
aaring							6.5	6.7	7.1	6.2	7.1	5.3	3.7	No linear change	No quadratic change	Decreased
			students													
weed,"			students Yucatar										5.5	Decreased, 2014-2016	Not available [¶]	Decreased
weed," life) QN57:	"King F	Kong," " tage of s		h Fire," ' who eve	'Skunk,' er injecto	or "Mo	oon Rocl	ks," one	or more	e times d	luring th	eir 9.0	5.5	Decreased, 2014-2016	Not available [¶]	Decreased
weed," life) QN57:	"King F	Kong," " tage of s	Yucatan	h Fire," ' who eve	'Skunk,' er injecto	or "Mo	oon Rocl	ks," one	or more	e times d	luring th	eir 9.0	5.5	Decreased, 2014-2016 No linear change	Not available [¶] No quadratic change	Decreased No change
weed," life) QN57: drug in QN58:	"King F Percent to their Percent	Kong," " tage of s body, or tage of s	Yucatan	who ever who ever who we	'Skunk,' er injecto s during re offere	or "Mo ed any il their life	llegal dr 2.0	ks," one ug (used 1.5	or more d a need 2.6	e times d le to inje 3.0	luring th ect any i 2.4	eir 9.0 Ilegal 2.2	-	, 		

Maryland High School Survey

White* Sexual 1		ors		Healt	h Risk I	Behavio	or and P	ercenta	iges					Linear Change [†]	Quadratic Change [†]	Change from 2014-2016 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	-		
QN59:	Percent	tage of s	students	who eve	er had se	exual int	ercourse	;			36.8	30.3	30.9	Decreased, 2013-2016	Not available [¶]	No change
QN60:	Percent	tage of s	students	who had	d sexual	intercou	irse for t	he first	time be	fore age	13 years	5				
											3.3	2.7	2.2	Decreased, 2013-2016	Not available	Decreased
QN61:	Percent	tage of s	students	who had	l sexual	intercou	irse with	n four oi	more p	ersons c	luring th	eir life				
											9.2	6.7	6.3	Decreased, 2013-2016	Not available	No change
				who we nonths b				ive (had	l sexual	intercou	irse with	at				
	-		-			-	•				27.2	22.5	22.6	Decreased, 2013-2016	Not available	No change

Maryland High School Survey

Trend Analysis Report

White* Sexual I	3ehavio	rs		Healt	h Risk I	Behavio	or and P	ercenta	iges					Linear Change [†]	Quadratic Change [†]	Change from 2014-2016 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
				who dra xually a		hol or us	ed drug	s before	last sex	ual inte	rcourse (among	-			
Student		010 0011	endy se	induniy d	• • • • • • •						25.4	25.7	22.2	Decreased, 2013-2016	Not available [¶]	Decreased
		tage of s ently sex			ed a con	dom dur	ing last	sexual i	ntercour	rse (amo	ong stude	ents				
											60.4	59.3	55.9	Decreased, 2013-2016	Not available	Decreased
				who we ated blo		tested fo	r humar	immun	odeficie	ency viru	us (HIV)	(not				
	0		5		,							9.7	10.9	Increased, 2014-2016	Not available	Increased
						control p			sexual ir	ntercour	se (to pro	event				
r - 8	. ,	6					,	, ,			27.6	25.7	29.3	No linear change	Not available	Increased

Maryland High School Survey

White* Sexual I	3ehavio	ors		Healt	th Risk]	Behavio	or and P	ercenta	ges					Linear Change [†]	Quadratic Change [†]	Change from 2014-2016 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
(such a	s Implar	ion or N	lexplanc		re last se	an IUD exual inte						nt				
student	5 WHO W	ere curi	entry se	xuuriy u	euve)						1.4	2.0	4.3	Increased, 2013-2016	Not available [¶]	Increased
OrthoE	vra), or	birth co	ntrol rin	g (such	as Nuva	d a shot Ring) bo sexuall	efore las	st sexual								
											4.1	3.9	3.4	No linear change	Not available	No change
ParaGa (such a	rd) or in s Orthol	nplant (s Evra), oi	such as l r birth co	Implano ontrol ri	n or Nez ng (such	d birth c xplanon) as Nuva currently); or a sh aRing) t	ot (such before la	as Dep st sexua	o-Prove	ra), patc					
-		•	c					-			33.0	31.6	36.9	Increased, 2013-2016	Not available	Increased

Maryland High School Survey

	Heal	th Risk Be	ehavior and	Percent	ages					Linear Change [†]	Quadratic Change [†]	Change from 2014-2016 §
1991 1993 1995	1997 1999	2001	2003 2005	5 2007	2009	2011	2013	2014	2016			
QNDUALBC: Percer	taga of students	who used	both a cond	ana dunin	a last car			J				
oirth control pills; an Nexplanon); or a shot as NuvaRing) before l	UD (such as Mi (such as Depo-F ast sexual interc	rena or Par Provera), pa	raGard) or in atch (such as	nplant (s OrthoEv	uch as Ir vra), or b	nplanon oirth con	or trol ring					
birth control pills; an Nexplanon); or a shot as NuvaRing) before l currently sexually acti	UD (such as Mi (such as Depo-F ast sexual interc	rena or Par Provera), pa	raGard) or in atch (such as	nplant (s OrthoEv	uch as Ir vra), or b	nplanon oirth con	or trol ring		12.2	No linear change	Not available [¶]	No change
oirth control pills; an Nexplanon); or a shot as NuvaRing) before l	UD (such as Mi (such as Depo-F ast sexual interc ve) ntage of students	rena or Par Provera), pa ourse (to p who did n	raGard) or in atch (such as revent pregn ot use any n	nplant (si OrthoEv ancy, an	uch as Ir vra), or b nong stud	nplanon birth con dents wh	or htrol ring ho were 11.8	(such 11.0	12.2	No linear change	Not available¶	No change

Maryland High School Survey

Trend Analysis Report

				Healt	th Risk	Behavio	or and P	ercenta	iges					Linear Change [†]	Quadratic Change [†]	Change from 2014-2016 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	-		
						verweigh ïc refere										
							14.0	12.4	14.4	12.5	12.3	12.8	12.9	No linear change	No quadratic change	No change
QNOE						besity (ody mas	s index,	based				
on sex	- and ag	e-specif	ic refere	nce data	a from tr	ie 2000 (11.3	9.8	nts)≊ 7.6	9.1	9.1	9.2	9.9	No linear change	Decreased, 2005-2009	No change
on sex							11.3	9.8	7.6			9.2	9.9	No linear change	Decreased, 2005-2009 Increased, 2009-2016	No change
						themselv	11.3 ves as sli	9.8 ightly or	7.6	verweigł	nt				Increased, 2009-2016	
							11.3	9.8	7.6			9.2 26.1	9.9 26.7	No linear change Decreased, 2005-2016		No change No change
QN68: QN70:	Percen	ntage of	students	who dea	scribed		11.3 ves as sli 29.2	9.8 ightly or 29.0	7.6 very ov 28.4	verweigh 26.7	nt 27.0	26.1			Increased, 2009-2016	
QN68: QN70:	Percen	ntage of	students	who dea	scribed	themselv	11.3 ves as sli 29.2	9.8 ightly or 29.0	7.6 very ov 28.4	verweigh 26.7	nt 27.0	26.1			Increased, 2009-2016	
QN68: QN70: during	Percenthe 7 da	atage of atage of ays befo	students students re the su	who dea who dia rvey)	scribed	themselv	11.3 ves as sli 29.2 juice (10 18.4	9.8 ightly or 29.0 00% frui 20.5	7.6 • very ov 28.4 • t juices 19.0	verweigh 26.7 one or n 19.0	nt 27.0 nore tim 25.2	26.1 es 29.3	26.7	Decreased, 2005-2016	Increased, 2009-2016 No quadratic change No change, 2005-2011	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.

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.

Maryland High School Survey

Trend Analysis Report

				Healt	th Risk	Behavio	or and P	ercenta	iges					Linear Change [†]	Quadratic Change [†]	Change from 2014-2016 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
						at fruit o lays befo			uit juice	s (such	as orang	ge				
							4.6	5.7	4.3	3.9	5.7	6.8	7.2	Increased, 2005-2016	No change, 2005-2011 Increased, 2011-2016	No change
						or drank			es one o ore the s		imes pe	r day				
(such a	sorange	Juice, a	ipple Ju	ice, or gi	Tape Juic	e, uurin	g une / c	iays bei		ui vey)						
(such a	sorange	, juice, a	ippie jui	ice, or gi	rape juic	c, during	60.2	2	67.7		62.5	58.7	56.4	No linear change	Increased, 2005-2011 Decreased, 2011-2016	Decreased
QNFR	: Perce	entage o	f studen	ts who a	te fruit o	or drank	60.2	57.6	67.7 es two o	65.0			56.4	No linear change		Decreased
QNFR	: Perce	entage o	f studen	ts who a	te fruit o	or drank	60.2	57.6	67.7 es two o	65.0			56.4 26.8	No linear change		Decreased
QNFR2 (such a	Perce s orange	entage o e juice, a entage o	f studen apple jui	ts who a lice, or gr	tte fruit o rape juic	or drank	60.2 100% f g the 7 c 30.3 100% f	57.6 ruit juic lays bef 28.7 ruit juic	67.7 es two o ore the s 36.0 es three	65.0 r more t survey) 35.8 or more	imes pe 31.6	r day 28.1			Decreased, 2011-2016 No change, 2005-2009	

^{*}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.

Maryland High School Survey

				Healt	h Risk]	Behavio	r and P	ercenta	iges					Linear Change †	Quadratic Change [†]	Change from 2014-2016 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
	Percent he surve		tudents	who did	not eat	green sa	alad (one	e or mor	e times	during t	he 7 day	'S				
							30.3	30.8	30.2	30.5	32.4	35.9	37.6	Increased, 2005-2016	No quadratic change	Increased
QN73: he sur		tage of s	tudents	who did	not eat	potatoes	s (one or	more ti	imes dui	ing the	7 days b	efore				
							26.6	29.3	25.3	29.0	30.0	32.2	31.6	Increased, 2005-2016	No quadratic change	No change
		tage of s	tudents	who did	not eat	carrots	(one or 1	nore tin	nes durii	ng the 7	days be	fore				
QN74: the sur		tage of s	tudents	who did	not eat	carrots	(one or 1 50.2	nore tin 45.5		ng the 7 43.8	-	fore 46.1	47.7	No linear change	No change, 2005-2011 No change, 2011-2016	Increased
he sur	vey)	tage of s				carrots (other ve	50.2	45.5	44.4	43.8	44.6	46.1	47.7	No linear change		Increased

Maryland High School Survey

				Healt	h Risk	Behavio	or and P	ercenta	nges					Linear Change [†]	Quadratic Change †	Change from 2014-2016 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
	fries, fr					t eat veg arrots, oi										
							3.6	3.2	2.6	4.9	4.7	5.5	5.9	Increased, 2005-2016	No quadratic change	No change
<u>ONVE</u>	G1: Per	centage	of stude	ents who	ate veg	getables	one or n	nore tim	es per d	ay (gree	n salad.					
potatoe the 7 da	s [exclu ays befo	iding Fro ore the si	ench frie irvey)	es, fried	potatoes	getables s, or pota	ato chips 65.3	65.3	ts, or otl 68.4	68.7	tables, d 68.3	luring 65.5	64.1	No linear change	No change, 2005-2013 Decreased, 2013-2016	No change
potatoe the 7 da QNVE	s [exclu ays befo G2: Per s [exclu	ding Fro ore the so	ench frie arvey) of stude ench frie	es, fried	potatoes		65.3 two or n	65.3	ts, or oth 68.4 nes per d	68.7 ay (gree	tables, d 68.3 n salad,	65.5	64.1	No linear change		No change
potatoe the 7 da QNVE	s [exclu ays befo G2: Per s [exclu	ding Fro ore the so ccentage ding Fro	ench frie arvey) of stude ench frie	es, fried	potatoes	s, or pota	65.3 two or n	65.3	ts, or oth 68.4 nes per d	68.7 ay (gree	tables, d 68.3 n salad,	65.5	64.1	No linear change No linear change		No change Decreased
QNVE potatoe potatoe the 7 da QNVE QNVE	s [exclu ays befo G2: Per s [exclu ays befo G3: Per s [exclu	rcentage rcentage rcentage rcentage rcentage	of stude ench frie ench frie urvey) of stude ench frie	es, fried ents who es, fried ents who) ate veg potatoes	s, or pota	4to chips 65.3 two or n 4to chips 29.1 three or	65.3 65.3 nore tim 6], carro 26.6 more tin	ts, or oth 68.4 nes per d ts, or oth 30.0 mes per	68.7 ay (gree her vege 32.1 day (gree	tables, d 68.3 en salad, tables, d 29.4 een salad	65.5 luring 27.5			Decreased, 2013-2016	

Maryland High School Survey

Trend Analysis Report

				Healt	h Risk	Behavio	or and P	ercenta	ges					Linear Change [†]	Quadratic Change [†]	Change from 2014-2016 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
				who did iet soda							(such as)	Coke,				
									21.2	23.7	29.0	28.9	31.4	Increased, 2009-2016	Not available [¶]	Increased
												-				
times p		such as									ne or mo g the 7 d 18.0		14.2	Decreased, 2009-2016	Not available	Decreased
times p before QNSOI times p	er day (s he surve DA2: Pe er day (s	such as ey) ercentag such as	Coke, Po	epsi, or s	Sprite, n	tot count	ting diet	soda or	diet pop 22.4 f soda o	p, during 25.9	g the 7 d	ays 16.8 ore	14.2	Decreased, 2009-2016	Not available	Decreased
times p before QNSOI times p	er day (s he surve	such as ey) ercentag such as	Coke, Po	epsi, or s	Sprite, n	tot count	ting diet	soda or	diet pop 22.4 f soda o	p, during 25.9	g the 7 d 18.0 70 or mo	ays 16.8 ore	14.2	Decreased, 2009-2016 Decreased, 2009-2016	Not available Not available	Decreased
QNSOI times p before before QNSOI times p	DA2: Peer day (s	such as ey) ercentag such as ey) ercentag such as	Coke, Po ge of stud Coke, Po ge of stud	epsi, or a dents wl epsi, or a dents wl	Sprite, n ho drank Sprite, n ho drank	a can, l a can, l aot coun	ting diet	r glass o soda or	diet pop 22.4 f soda o diet pop 13.7 f soda o	p, during 25.9 or pop tw p, during 17.5 or pop th	g the 7 d 18.0 $\frac{1}{7}$ o or mo g the 7 d	ays 16.8 re ays 10.3 ore				

Maryland High School Survey

Trend Analysis Report

White* Physical	Activi	ty														
				Healt	th Risk]	Behavio	or and P	Percenta	iges					Linear Change [†]	Quadratic Change ^{\dagger}	Change from 2014-2016 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	-		
days (ir	n any ki	nd of ph	ysical a	who we ctivity the	nat incre	ased the										
or the th	ine dur	ing the l	, augs o	crore un	, survey	,				47.6	47.4	43.3	42.1	Decreased, 2011-2016	Not available [¶]	No change
activity	on at le	east 1 da	ıy (in an	tudents y kind o time du	f physic	al activi	ty that i	ncreased	l their h							
					0	5				10.2	13.2	14.7	15.7	Increased, 2011-2016	Not available	Increased
days (ir	n any ki	nd of ph	ysical a	tudents ctivity the	nat incre	ased the	cally act ar heart	ive at le rate and	ast 60 m made t	ninutes p hem brea	er day c athe har	on all 7 d some				
										25.1	25.3	22.7	21.5	Decreased, 2011-2016	Not available	Decreased
QN80: day)	Percen	tage of s	students	who wa	tched te	levision	3 or mo	ore hours	s per day	y (on an	average	school				
							27.1	30.1	26.6	24.1	24.3	20.9	18.2	Decreased, 2005-2016	No change, 2005-2013 Decreased, 2013-2016	Decreased

Maryland High School Survey

Trend Analysis Report

				Healt	th Risk	Behavio	or and P	ercenta	iges					Linear Change [†]	Quadratic Change [†]	Change from 2014-2016 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
	er day (counting	g time sp	pent on t	things su	eo or con ich as X	box, Pla	yStatio	ı, an iPa	d or oth	er tablet	, a				
			average			COOK, 0		Joerar III	23.1	30.1	33.8	36.2	36.8	Increased, 2009-2016	Not available [¶]	No change
ot sch	ool wor	k, on an	average	who atte	day) ended pl	hysical e			23.1	30.1	33.8	36.2	36.8	Increased, 2009-2016	Not available¶	No change
QN82:	ool wor	k, on an	average	who atte	day) ended pl				23.1	30.1	33.8	36.2	36.8 34.9	Increased, 2009-2016 No linear change	Not available [¶]	No change No change
QN82: average	Percente week v	k, on an tage of s when the ercentag	average students ey were	who attend	day) ended pl bl) ho attend		educatio 38.4	n (PE) c 39.9	23.1 lasses o 39.8	30.1 n 1 or m 32.5	33.8 nore day: 36.1	36.2 s (in an 36.3				

Maryland High School Survey

White* Other				Healt	h Risk]	Behavio	or and P	ercenta	iges					Linear Change [†]	Quadratic Change [†]	Change from 2014-2016 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
				who sav nths befo			check-u	ıp, exan	n, teeth o	cleaning	, or othe	er 83.2	84.2	No linear change	Not available [¶]	No change
	DNT: H r dental		ge of stu	idents w	ho neve	er saw a (dentist (i	for a che	eck-up,	exam, te	eth clea	ning, 1.0	0.9	No linear change	Not available	No change
QN87:	Percen	tage of s	students	who had	l ever be	een told	by a doc	ctor or n	urse tha	t they ha	ad asthm	na				
							18.2	21.5	23.7	25.3	22.9	23.1	23.0	Increased, 2005-2016	Increased, 2005-2009 No change, 2009-2016	No change

Maryland High School Survey

Trend Analysis Report

White* Site-Ado	led			Healt	h Risk	Behavio	or and P	ercenta	ges					Linear Change [†]	Quadratic Change [†]	Change from 2014-2016 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
	Percent hey live		students	who rep	ort that	their par	rents or	guardia	ns own t	he home	e or plac	e				
												82.3	81.8	No linear change	Not available [¶]	No change
QN94: time)	Percent	tage of s	students	who wh	o smoke	ed a who	ole cigar	ette befo	ore age	13 years	(for the	first	-			
							15.2	13.9	8.7	8.9	6.9	6.3	5.5	Decreased, 2005-2016	No quadratic change	Decreased
				who we e during					mong st	tudents	who bou	ght or				
											49.9	37.1	45.8	Decreased, 2013-2016	Not available	Increased
				who hao ouy cigar							e of their	age				
(410				- , ,	25.3	30.1	26.7	No linear change	Not available	No change

Maryland High School Survey

Trend Analysis Report

White* Site-Add	led			Healt	h Risk	Behavio	or and P	Percenta	iges					Linear Change [†]	Quadratic Change [†]	Change from 2014-2016 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
QN99: electron	Percentic vapo	tage of s or produce	students ct (amor	who usung stude	ally use nts who	e a kind have ev	of flavo er used	ring othe an electi	er than t ronic va	obacco por proc	flavor w luct)	ith an	-			
												95.2	97.4	Increased, 2014-2016	Not available [¶]	Increased
	gars, fla	vored si	nokeles			ored tob cts, or bo										
											13.6	13.0	7.7	Decreased, 2013-2016	Not available	Decreased
QN103: months	: Perce before	ntage of the surv	student ey)	s who tr	ied or us	sed toba	cco proc	lucts for	the firs	t time (o	luring th	e 12				
												12.8	8.8	Decreased, 2014-2016	Not available	Decreased
QN104: months before t	before	the surv	student ey, amo	s who co ng stude	ompletel ents who	ly quit u o used an	sing all iy tobac	tobacco co produ	product ucts duri	ts (durin ing the 1	g the 12 2 month	IS				
											35.3	34.5	34.2	No linear change	Not available	No change

Maryland High School Survey

White* Site-Ado	led			Healt	h Risk i	Behavio	or and P	ercenta	ges					Linear Change [†]	Quadratic Change [†]	Change from 2014-2016 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
QN105	Percer	ntage of	student	s who li	ve with	someone	e who no	ow smol	kes cigai	rettes or	cigars					
											37.5	36.0	31.2	Decreased, 2013-2016	Not available [¶]	Decreased
QN111 sports,						e in any ent)	extracu	rricular	activitie	s at scho	ool (such	1 as				
							63.2	65.5	70.3	67.3	71.6	72.0	72.4	Increased, 2005-2016	No quadratic change	No change
QN112 use (du					ere taug	sht in ang	y of thei	r classes	s about t	he dang	ers of to	bacco				
											69.7	64.1	62.5	Decreased, 2013-2016	Not available	Decreased
QN113 have m			student	s who sa	ıy defini	itely yes	or prob	ably yes	that yo	ung peoj	ple who	smoke				
											26.9	24.5	25.6	No linear change	Not available	No change

Maryland High School Survey

Trend Analysis Report

White* Site-Ade	ded			Healt	h Risk	Behavio	or and P	ercenta	nges					Linear Change [†]	Quadratic Change [†]	Change from 2014-2016 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
	: Percei look coo			s who sa	ay defini	itely yes	or prob	ably yes	that sm	oking n	nakes yo	ung				
people											16.7	15.1	16.8	No linear change	Not available [¶]	Increased
						t or stror rly ever		approve	of some	eone the	ir age ha	iving				
one or t	.wo uni	ks of an	arconor		age nea	ily ever	y day					65.4	65.4	No linear change	Not available	No change
(physic		in other	r ways)			ple are a e or more										
		-									76.9	77.8	78.1	No linear change	Not available	No change
	: Percei		student	s who h	ave an a	dult out	side of s	chool th	ey can t	alk to a	oout thin	gs that	· · · · ·			
Ĩ							88.0	87.0	88.4	87.8	87.8	88.3	87.8	No linear change	No quadratic change	No change

Maryland High School Survey

1997 19	999 2001											
	2001	2003	2005	2007	2009	2011	2013	2014	2016			
						one or	more ad	ults				
lifey flue un	i inportant '	question	84.7	84.8	86.4	83.4	81.5	82.2	81.9	Decreased, 2005-2016	No quadratic change	No change
	they had an f students w	they had an important of	they had an important question f students who strongly agree or	they had an important question affecting 84.7 f students who strongly agree or agree th	they had an important question affecting their li 84.7 84.8 f students who strongly agree or agree that their	they had an important question affecting their life 84.7 84.8 86.4 f students who strongly agree or agree that their teachers	they had an important question affecting their life 84.7 84.8 86.4 83.4 f students who strongly agree or agree that their teachers really c	they had an important question affecting their life 84.7 84.8 86.4 83.4 81.5 f students who strongly agree or agree that their teachers really care about	84.7 84.8 86.4 83.4 81.5 82.2 f students who strongly agree or agree that their teachers really care about them	they had an important question affecting their life 84.7 84.8 86.4 83.4 81.5 82.2 81.9	they had an important question affecting their life 84.7 84.8 86.4 83.4 81.5 82.2 81.9 Decreased, 2005-2016 f students who strongly agree or agree that their teachers really care about them	they had an important question affecting their life 84.7 84.8 86.4 83.4 81.5 82.2 81.9 Decreased, 2005-2016 No quadratic change

Maryland High School Survey

Trend Analysis Report

				Healt	h Risk]	Behavio	or and P	ercenta	iges					Linear Change [†]	Quadratic Change [†]	Change from 2014-2016 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
		age of st more til							nking al	cohol (ii	n a car o	r other				
							24.4	26.0	23.9	28.7	20.3	16.4	13.5	Decreased, 2005-2016	No change, 2005-2011 Decreased, 2011-2016	Decreased
one or	more ti	mes dur	ing the 3	30 days l	before th	he surve			2		inking a en a car					
one or	more ti	0	ing the 3	30 days l	before th	he surve			2		0		4.2	Decreased, 2013-2016	Not available [¶]	No change
One or other v QN11: I day d	more ti ehicle d Percen uring th	mes dur uring the tage of s	ing the 3 e 30 day	30 days l s before who tex e the sur	ted or e	he surve vey) -mailed	y, amon while dr	g studer	ts who i	had driv	en a car	or 4.2 at least	4.2	Decreased, 2013-2016	Not available¶	No change
(one or other v QN11: 1 day d	more ti ehicle d Percen uring th	mes dur uring the tage of s ne 30 day	ing the 3 e 30 day	30 days l s before who tex e the sur	ted or e	he surve vey) -mailed	y, amon while dr	g studer	ts who i	had driv	en a car 6.2 icle (on a	or 4.2 at least	4.2	Decreased, 2013-2016 Decreased, 2013-2016	Not available¶ Not available	No change Increased
(one or other v QN11: 1 day c during QN13:	more ti ehicle d Percen uring th the 30 d Percen	tage of s are 30 day lays befo	ing the 3 e 30 day students ys before ore the s	30 days l s before who tex e the sur urvey) who car	ted or e- vey, am	he surve vey) -mailed ong stud	y, amon while dr lents wh	g studer iving a o had di	car or of	had driv ther vehi	en a car 6.2 icle (on a her vehic	or 4.2 at least cle 16.9	-			

Maryland High School Survey

Black* Injury a	and Vio	lence														
				Healt	h Risk	Behavio	or and P	ercenta	iges					Linear Change [†]	Quadratic Change ⁺	Change from 2014-2016 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
				who we one or m								rty				
							12.2	10.0	10.8	9.5	9.6	6.9	8.5	Decreased, 2005-2016	No quadratic change	Increased
				who we e survey		hysical	fight on	school	property	(one or	more ti	mes				
							16.7	14.1	14.7	13.6	20.0	16.4	16.2	No linear change	No quadratic change	No change
	Percen d not wa		students	who we	re ever	physical	ly force	d to hav	e sexual	interco	urse (wh	ien				
											11.5	8.0	9.0	Decreased, 2013-2016	Not available [¶]	No change
they we being p during	ere datir hysicall the 12 n	ng or going y forced nonths b	ing out v l to have	who exp with to d e sexual e survey	o sexua intercou	l things irse] that	[countin t they di	g such t d not wa	hings as ant to, or	kissing ne or mo	, touchin	ng, or s				
	-			<i>.</i> ,							10.3	7.8	4.2	Decreased, 2013-2016	Not available	Decreased

Maryland High School Survey

Trend Analysis Report

				Healt	th Risk	Behavio	or and P	ercenta	nges					Linear Change [†]	Quadratic Change †	Change from 2014-2016 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
purpos into sc	Percen be by some mething vey, ame	neone th	ey were red with	dating of an obje	or going ct or we	out with apon] or	n [count ne or mo	ing such	ı things s during	as being the 12	g hit, slaı months l	mmed before				
survey)										11.0	9.2	10.1	No linear change	Not available [¶]	No change
	Percen the surv		students	who we	re bullie	ed on sch	nool pro	perty (e	ver duri	0	2 month 15.3	s 13.1	14.2	No linear change	Not available	No change
						_			15.2	14.4	15.5	13.1	14.2	No inicai change	Not available	ivo enange
QN24 texting	Percen g, Instagi	tage of s ram, Fac	students ebook, o	who we or other	re electi social m	ronically nedia, ev	bullied er durin	(counti g the 12	ng being 2 months	g bullied s before	l through the surv	n ey)				
										10.7	10.1	9.7	10.4	No linear change	Not available	No change
ON25	Percen	tage of s ed doing	students g some u	who fel Isual act	t sad or i ivities, e	hopeless ever duri	(almos ng the 1	t every o 2 montl	day for 2 hs before	>=2 wee e the sur	eks in a r rvey)	row so				
that th	cy stopp															

Maryland High School Survey

				Healt	h Risk	Behavio	or and P	Percenta	iges					Linear Change [†]	Quadratic Change†	Change from 2014-2016 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
			-									-				
				who ser	iously c	onsidere	ed attem	pting su	icide (ev	ver durir	ng the 12	2				
	Percent			who ser	iously c	onsidere	ed attem	pting su 10.3	icide (ev 15.5		ng the 12 15.6	13.7	16.1	No linear change	No quadratic change	Increased
months QN27:	before	the surv	ey) students			onsidere	13.8	10.3	15.5	15.3	15.6	13.7	16.1	No linear change	No quadratic change	Increased

Maryland High School Survey

Trend Analysis Report

Black* Fobacco	o Use			Healt	th Risk	Behavio	or and P	ercenta	iges					Linear Change [†]	Quadratic Change [†]	Change from 2014-2016 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
	Percent the surv		students	who cu	rrently s	moked c	cigarette	s (on at	least 1 d	lay durir	ng the 30) days				
berore	uie sui v	cy)					9.0	12.9	6.2	6.9	8.1	5.1	5.7	Decreased, 2005-2016	No quadratic change	No change
					o currei	ntly smo	ked ciga	rettes fi	equently	y (on 20	or more	days				
during	the 30 d	lays befo	ore the s	urvey)			3.2	5.0	1.2	1.6	1.6	0.9	0.8	Decreased, 2005-2016	No quadratic change	No change
		Percent fore the		tudents	who cur	rently sn	noked ci	garettes	daily (o	on all 30	days du	iring				
	2						2.9	3.7	1.0	1.0	1.1	0.7	0.5	Decreased, 2005-2016	No quadratic change	No change
e-cigar	s, e-pipe		pipes, v	aping pe	ens, e-ho	an electr ookahs, a							33.4	Decreased, 2014-2016	Not available [¶]	No change

Maryland High School Survey

Trend Analysis Report

Black* Tobacc	o Use			Healt	h Risk i	Behavio	or and P	ercenta	ges					Linear Change [†]	Quadratic Change†	Change from
															Quantane oninge	2014-2016 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
e-cigan NJOY	ettes, e-o	cigars, e ⁄IarkTen	-pipes, v	who cur vape pip Vapin I	es, vapii	ng pens,	e-hooka	ahs, and	hookah	pens [s	uch as b	lu, ⁄s				
												15.7	9.1	Decreased, 2014-2016	Not available [¶]	Decreased
				who cur pefore th			cigars (ci	igars, ci	garillos,	or little	cigars,	on at				
							7.3	8.7	12.6	11.9	12.5	10.0	8.6	No linear change	Increased, 2005-2013 Decreased, 2013-2016	Decreased
	 Perce days bef 			ts who c	urrently	smoked	l cigaret	tes or ci	gars (on	at least	1 day d	uring				
							14.1	17.4	16.0	14.7	16.5	12.4	11.3	No linear change	No change, 2005-2013 Decreased, 2013-2016	No change

Maryland High School Survey

Alcohol and Oth	ner Dru	g Use	Healt	h Risk I	Behavio	or and P	ercenta	ges					Linear Change †	Quadratic Change [†]	Change from 2014-2016 [§]
1991 1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
QN40: Percenta during their life)		tudents	who eve	er drank	alcohol	(at least	t one dri	nk of al	cohol, o	n at leas	t 1 day	-			
						68.5	65.5	66.2	59.0	57.1	46.1	47.3	Decreased, 2005-2016	No quadratic change	No change
QN41: Percenta few sips)	age of s	tudents	who had	1 their fi	irst drink	c of alco	hol befo	ore age 1	3 years	(other th	nan a				
						26.2	21.4	30.0	25.2	20.9	17.3	15.9	Decreased, 2005-2016	No change, 2005-2009 Decreased, 2009-2016	No change
QN42: Percenta day during the 3					lrank alc	ohol (at	least on	e drink	of alcoh	ol, on at	least 1				
, ,	5			57		31.1	31.8	31.2	28.5	25.2	18.1	17.8	Decreased, 2005-2016	No change, 2005-2011 Decreased, 2011-2016	No change
QN46: Percenta	age of s	tudents	who eve	er used r	marijuan	a (one o	or more t	imes du	ring the	ir life)					
QN46: Percenta	age of s	tudents	who eve	er used 1	marijuan	a (one o 36.4	or more t 40.8	imes du 40.7	ring the 39.2	ir life) 39.2	35.0	34.3	No linear change	No quadratic change	No change

Maryland High School Survey

Black* Alcohol	and Ot	her Dru	ıg Use	Healt	th Risk]	Behavio	or and P	'ercenta	iges					Linear Change [†]	Quadratic Change†	Change from 2014-2016 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
	Percent he surve		tudents	who cur	rrently u	sed mar	ijuana (o	one or n	nore time	es durin	g the 30	days				
							15.7	22.1	23.0	23.7	21.0	19.2	18.9	No linear change	No change, 2005-2009 Decreased, 2009-2016	No change
					er used o heir life		(any for	m of coo	caine, in	cluding	powder,	crack,				
				Ū			2.9	2.7	4.4	3.6	5.6	4.4	5.4	Increased, 2005-2016	No quadratic change	Increased
		tage of s			er used ł	neroin (a	llso calle	ed "smao	ck," "jur	ık," or "	China W	hite,"				
							2.0	1.6	4.0	4.1	5.1	4.1	5.0	Increased, 2005-2016	No quadratic change	Increased
					er used r ring the		ohetamir	nes (also	called	'speed,"	"crystal	,"				
							2.0	1.9	2.7	4.2	4.9	4.0	5.0	Increased, 2005-2016	No quadratic change	Increased

Maryland High School Survey

Trend Analysis Report

3lack* Alcohol	and Ot	ther Dru	ug Use	Healt	h Risk I	Behavio	or and F	Percenta	iges					Linear Change [†]	Quadratic Change [†]	Change from 2014-2016 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
	Percent their life		students	who eve	er used e	ecstasy (also cal	led "MI	OMA," o	one or m	ore time	S				
C							3.7	5.3	5.5	6.0	7.6	5.6	5.6	No linear change	No quadratic change	No change
ON54·	Percen	tage of s	students	who eve	er used s	synthetic	mariiu	ana (also	called	"K2." "S	Spice." "	fake				
weed,"											Spice," " luring th		7.0	No linear change	Not available [¶]	No change
weed," life) QN57:	"King F Percent	Kong," " tage of s	'Yucatar	h Fire," " who eve	'Skunk,' er injecto	or "Mo	oon Rocl	ks," one	or more	e times d		eir 7.8	7.0	No linear change	Not available¶	No change
weed," life) QN57:	"King F Percent	Kong," " tage of s	'Yucatar	h Fire," " who eve	'Skunk,' er injecto	or "Mo	oon Rocl	ks," one	or more	e times d	luring th	eir 7.8	7.0	No linear change Increased, 2005-2016	Not available [¶] No quadratic change	No change No change
weed," life) QN57: drug int QN58:	Percent Percent Percent	Kong," " tage of s body, or tage of s	Yucatar students ne or mo	who ever who ever who we	'Skunk,' er injecto s during re offere	or "Mo ed any i their life	llegal dr 1.3	ks," one rug (used 1.7	or more d a need 2.5	e times d le to inje 3.9	luring th	eir 7.8 Ilegal 4.0				

Maryland High School Survey

Black* Sexual l	Behavio	ors		Healt	h Risk I	Behavio	or and P	ercenta	ages					Linear Change [†]	Quadratic Change [†]	Change from 2014-2016 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
QN59:	Percent	tage of s	students	who eve	er had se	exual int	ercourse	;			46.0	37.4	35.9	Decreased, 2013-2016	Not available [¶]	No change
QN60:	Percen	tage of s	students	who had	i sexual	intercou	trse for t	he first	time be	fore age	13 years	5				
											10.6	7.9	6.5	Decreased, 2013-2016	Not available	Decreased
QN61:	Percen	tage of s	students	who had	l sexual	intercou	ırse witł	n four or	more p	ersons c	luring th	eir life				
											17.0	11.3	9.8	Decreased, 2013-2016	Not available	Decreased
				who we nonths b				ive (had	l sexual	intercou	irse with	at				
											29.7	24.8	23.6	Decreased, 2013-2016	Not available	No change

Maryland High School Survey

Trend Analysis Report

Black* Sexual I	Behavio	rs		Healt	h Risk	Behavio	or and P	ercenta	iges					Linear Change [†]	Quadratic Change [†]	Change from 2014-2016 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
				who dra xually a		hol or us	ed drug	s before	last sex	ual inte	rcourse (among	-			
Stadenta	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	010 0011	endy se	indunij d	• • • • • • • •						20.0	18.7	17.3	No linear change	Not available [¶]	No change
QN64: who we					ed a con	dom dur	ing last	sexual i	ntercour	rse (amo	ong stude	ents				
		2	5	,							64.1	66.1	58.1	Decreased, 2013-2016	Not available	Decreased
				who we		tested fo	r humar	immun	odeficie	ency viru	us (HIV)	(not				
	6											18.4	20.4	Increased, 2014-2016	Not available	Increased
				who use o were c					sexual in	ntercour	se (to pro	event				
		C			5						9.5	10.2	10.7	No linear change	Not available	No change

Maryland High School Survey

				Healt	h Risk I	Behavio	r and P	ercenta	ges					Linear Change [†]	Quadratic Change [†]	Change from 2014-2016 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
such a		non or N	lexplano	n) befor	e last se	an IUD exual inte						nt				
			5	5	,						1.3	1.9	2.6	Increased, 2013-2016	Not available [¶]	No change
DrthoE	vra), or	birth co	ntrol rin	g (such	as Nuva	d a shot Ring) bo sexuall	efore las	st sexual								
											5.2	4.7	4.9	No linear change	Not available	No change
	HHPL:	nplant (s	such as I	[mplano	n or Nez	d birth c xplanon)	; or a sh	ot (such	as Dep	o-Prove	ra), patc	h				
ParaGa (such a	s Orthol					currently				i interet						

Maryland High School Survey

			Healt	h Risk	Behavio	or and P	ercenta	iges					Linear Change [†]	Quadratic Change [†]	Change from 2014-2016 [§]
1991 1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	-		
ONDUAL DO				1	11 /1	1	1 .	1 4	1		1				
oirth control pil Nexplanon); or as NuvaRing) b	ls; an IU a shot (s efore las	JD (such such as l st sexual	n as Mir Depo-Pi	rena or H rovera),	ParaGaro patch (s	d) or imp such as C	olant (su OrthoEv	ích as In ra), or b	nplanon oirth con	or trol ring to were	(such	6.6	No linear change	Not available¶	No change
QNDUALBC: birth control pil Nexplanon); or as NuvaRing) b currently sexual	ls; an IU a shot (s efore las	JD (such such as l st sexual	n as Mir Depo-Pi	rena or H rovera),	ParaGaro patch (s	d) or imp such as C	olant (su OrthoEv	ích as In ra), or b	nplanon oirth con	or trol ring		6.6	No linear change	Not available [¶]	No change
oirth control pil Nexplanon); or Is NuvaRing) b	ls; an IU a shot (s efore las lly active Percenta	JD (such such as l st sexual e) age of st	n as Mir Depo-Pr l interco tudents	ena or H rovera), ourse (to who did	ParaGaro patch (s prevent	d) or imp such as C t pregnar any me	blant (su DrthoEv ncy, am thod to j	ich as In ra), or b ong stud	nplanon pirth con dents wh	or trol ring to were 6.8	(such 6.9	6.6	No linear change	Not available¶	No change

Maryland High School Survey

Trend Analysis Report

				Heal	th Risk	Behavio	r and P	ercenta	nges					Linear Change [†]	Quadratic Change [†]	Change from 2014-2016 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
						verweigh ïc refere										
							19.7	19.5	16.5	19.7	17.7	16.7	17.5	No linear change	No quadratic change	No change
						besity (> e 2000 (owth cha		ody mas 15.6	s index, 13.5	based 14.4	16.3	No linear change	No quadratic change	Increased
on sex-	and age	e-specif	ic refere	nce data	trom th		CDC gro 15.4	owth cha 17.4	arts)¶ 15.1	15.6	13.5		16.3	No linear change	No quadratic change	Increased
on sex-	and age	e-specif	ic refere	nce data	trom th	e 2000 (CDC gro 15.4	owth cha 17.4	arts)¶ 15.1	15.6	13.5		16.3 25.8	No linear change No linear change	No quadratic change No quadratic change	Increased
QN68: QN70:	Percent	tage of stage of stag	ic refere	who de	trom th	e 2000 (CDC gro 15.4 res as sli 24.2	ghtly or 24.6	arts) [¶] 15.1 r very ov 25.5	15.6 verweigh 25.5	13.5 nt 25.4	14.4 23.8				
QN68: QN70:	Percent	tage of stage of stag	ic refere students students	who de	trom th	e 2000 (CDC gro 15.4 res as sli 24.2	ghtly or 24.6	arts) [¶] 15.1 r very ov 25.5	15.6 verweigh 25.5	13.5 nt 25.4	14.4 23.8				
QN68: QN70: during	Percent Percent the 7 da	tage of s tage of s tage of s	students students re the su	nce data who de who dic rvey)	a from th scribed t	e 2000 (CDC gro 15.4 es as sli 24.2 uice (10 16.9	with cha 17.4 ghtly or 24.6 00% frui 16.1	arts) [¶] 15.1 r very ov 25.5 it juices 15.0	15.6 verweigh 25.5 one or n 18.8	13.5 at 25.4 nore tim 21.6	14.4 23.8 es 24.1	25.8	No linear change	No quadratic change No change, 2005-2009	Increased

*Non-Hispanic.

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

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.

Maryland High School Survey

Trend Analysis Report

				Healt	th Risk	Behavio	or and P	ercenta	iges					Linear Change [†]	Quadratic Change †	Change from 2014-2016 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
				ts who c e, durin					uit juice	s (such	as orang	e				
							7.6	6.6	5.6	7.1	8.6	9.4	10.6	Increased, 2005-2016	No change, 2005-2009 Increased, 2009-2016	Increased
ONEE	1. Doro	entage o	f studen	te who a	te fruit	or drank	100% f	mit inic	es one o	r mora t		dari				
				ice, or g							innes per	day				
										urvey)	55.7	52.4	49.2	Decreased, 2005-2016	No change, 2005-2013 Decreased, 2013-2016	Decreased
(such a	s orang 2: Perce	e juice, a	apple jui		rape juic	or drank	g the 7 c 55.5	lays bef 53.9 ruit juic	ore the s 59.1 es two o	54.6	55.7	52.4	49.2	Decreased, 2005-2016		Decreased
(such a	s orang 2: Perce	e juice, a	apple jui	ice, or gr	rape juic	or drank	g the 7 c 55.5	lays bef 53.9 ruit juic	ore the s 59.1 es two o	54.6	55.7	52.4	49.2 26.0	Decreased, 2005-2016 Decreased, 2005-2016		Decreased
QNFR (such a QNFR	2: Perco s orang 3: Perco	e juice, a entage o e juice, a entage o	apple jui f studen apple jui	ice, or gr	rape juic tte fruit o rape juic	e, durin or drank e, durin or drank	g the 7 c 55.5 100% f g the 7 c 30.6	lays bef 53.9 ruit juic lays bef 30.3 ruit juic	59.1 es two o ore the s 35.7 es three	54.6 r more t survey) 31.5 or more	55.7 imes per 30.9	52.4 r day 28.8			Decreased, 2013-2016 No change, 2005-2009	

^{*}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.

Maryland High School Survey

Trend Analysis Report

				Healt	th Risk	Behavio	or and P	ercenta	iges					Linear Change [†]	Quadratic Change †	Change from 2014-2016 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
	Percent the surv		students	who did	l not eat	green sa	alad (one	e or moi	e times	during t	he 7 day	7S				
							47.6	46.9	48.0	47.5	47.5	51.1	55.2	Increased, 2005-2016	No change, 2005-2013 Increased, 2013-2016	Increased
QN73: the sur		tage of s	students	who did	l not eat	potatoes	s (one or	r more t	imes du	ring the	7 days b	efore				
							45.0	42.5	48.2	46.0	44.0	47.4	48.1	No linear change	No quadratic change	No change
QN74: the sur		tage of s	students	who did	l not eat	carrots	(one or 1	more tin	nes duri	ng the 7	days bei	fore				
							73.7	72.3	68.0	65.1	65.6	66.2	68.2	Decreased, 2005-2016	Decreased, 2005-2011 No change, 2011-2016	Increased
		-	students	who did	l not eat	other ve	egetables	s (one o	r more t	imes du	ring the	7 days				
	Percent the surv		students													

^{*}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.

Maryland High School Survey

				Healt	h Risk	Behavio	or and P	ercenta	nges					Linear Change ^{\dagger}	Quadratic Change [†]	Change from 2014-2016 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
	fries, fri										xcluding days befo					
							9.0	8.3	10.0	10.6	10.4	11.9	12.9	Increased, 2005-2016	No quadratic change	No change
01115	<u></u>										1.1					
potatoe the 7 da	s [exclu iys befo	iding Fro ore the si	ench frie 1rvey)	es, fried	potatoes	_	ato chips 47.7	s], carro 48.6	ts, or oth	50.4	tables, d	49.1	46.3	No linear change	Increased, 2005-2013 Decreased, 2013-2016	Decreased
potatoe the 7 da QNVE	s [exclu iys befo G2: Per s [exclu	iding Fro ore the su	ench frie urvey) of stude ench frie	es, fried	potatoes	s, or pota	47.7 two or n	48.6	ts, or oth 51.6	50.4 ay (gree	tables, d	49.1	46.3	No linear change		Decreased
potatoe the 7 da QNVE	s [exclu iys befo G2: Per s [exclu	ding Fre ore the su ccentage ding Fre	ench frie urvey) of stude ench frie	es, fried	potatoes	s, or pota	47.7 two or n	48.6	ts, or oth 51.6	50.4 ay (gree	tables, d 51.4 n salad,	49.1	46.3	No linear change No linear change		Decreased
QNVE potatoe potatoe the 7 da QNVE QNVE	s [exclu ays befo G2: Per s [exclu ays befo G3: Per s [exclu	rcentage ore the su ccentage ding Fra ore the su	of stude arvey) of stude ench frie arvey) of stude ench frie	es, fried ents who es, fried ents who	potatoes	s, or pota getables s, or pota getables	47.7 47.7 two or n ato chips 18.7 three or	48.6 48.6 nore tim s], carro 20.7 more tin	ts, or oth 51.6 mes per d ts, or oth 21.1 mes per	ber vege 50.4 ay (gree her vege 23.8 day (gree	tables, d 51.4 m salad, tables, d	49.1 luring 20.5			Decreased, 2013-2016 No change, 2005-2011	

Maryland High School Survey

Trend Analysis Report

				Healt	th Risk	Behavio	or and F	Percenta	iges					Linear Change [†]	Quadratic Change [†]	Change from 2014-2016 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
				who did liet soda								Coke,				
									23.0	21.5	26.6	28.1	30.4	Increased, 2009-2016	Not available [¶]	Increased
times p		such as		dents wl epsi, or									15.0	Decreased, 2009-2016	Not available	Decreased
times p before QNSO times p	er day (the surve DA2: P	such as ey) ercentag such as	Coke, P		Sprite, r	not count	ting diet	r glass o	diet pop 20.5	p, during 25.4 or pop tw	g the 7 d 18.9 70 or mo	ays 17.9 re	15.0	Decreased, 2009-2016	Not available	Decreased
times p before QNSO times p	er day (: the surve DA2: Pe er day (:	such as ey) ercentag such as	Coke, P	epsi, or dents wl	Sprite, r	not count	ting diet	r glass o	diet pop 20.5	p, during 25.4 or pop tw	g the 7 d 18.9 70 or mo	ays 17.9 re	15.0	Decreased, 2009-2016 Decreased, 2009-2016	Not available Not available	Decreased
times p before QNSO times p before QNSO times p	er day (: the surve DA2: Pe er day (: the surve DA3: Pe	such as ey) Percentag such as ey) Percentag such as	Coke, P ge of stu Coke, P ge of stu	epsi, or dents wl	Sprite, r ho drank Sprite, r ho drank	tot count k a can, l not count k a can, l	bottle, o ting diet	r glass o soda or soda or r glass o	diet pop 20.5 of soda o diet pop 14.8 of soda o	p, during 25.4 or pop tw p, during 17.7 or pop th	g the 7 d 18.9 70 or mo g the 7 d 13.6 ree or m	ays 17.9 re ays 13.0 ore				

Maryland High School Survey

Trend Analysis Report

Black* Physical	l Activi	ty						_								
				Healt	th Risk	Behavio	or and H	ercenta	iges					Linear Change [†]	Quadratic Change [†]	Change from 2014-2016 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	-		
days (ir	n any ki	nd of ph	ysical a	who we ctivity the other states of the other s	hat incre	eased the										
			,)			,				35.0	33.3	32.9	30.5	Decreased, 2011-2016	Not available [¶]	Decreased
QNPA	DAY:	Percent	age of s	tudents	who did	not part	ticinate	in at leas	st 60 mi	nutes of	physical					
activity	on at le	east 1 da	iy (in an	y kind o	of physic	al activi	ity that i	ncreased	their h	eart rate	and ma	de				
activity	on at le	east 1 da	iy (in an	y kind o time du	of physic	al activi	ity that i	ncreased	their h	eart rate 20.1	and ma 23.5	24.7	27.4	Increased, 2011-2016	Not available	Increased
activity them br QNPA7 days (ir	on at le reathe ha 7DAY: n any kin	east 1 da ard som Percent nd of ph	e of the cage of s	time dur time dur tudents	of physic ring the who wer hat incre	re physic ased the	ity that i before th cally act	ncreased le survey	their hey) ast 60 m	eart rate 20.1	and made 23.5	de 24.7 on all 7	27.4	Increased, 2011-2016	Not available	Increased
activity them br QNPA7 days (ir	on at le reathe ha 7DAY: n any kin	east 1 da ard som Percent nd of ph	e of the cage of s	y kind o time du	of physic ring the who wer hat incre	re physic ased the	ity that i before th cally act	ncreased le survey	their hey) ast 60 m	eart rate 20.1	and made 23.5	de 24.7 on all 7		Increased, 2011-2016 No linear change	Not available Not available	Increased
QNPA days (ir of the ti	Ton at le reathe h 7DAY: n any kin ime dur	Percent nd of ph ing the 7	ay (in an e of the cage of s aysical a 7 days b	time dur time dur tudents	of physic ring the who we hat incre e survey	al activi 7 days b re physic eased the)	ity that i before th cally act eir heart	ive at le	d their h y) ast 60 m l made th	20.1 20.1 ninutes p hem bre 17.3	and may 23.5 per day c athe har 18.2	de 24.7 on all 7 d some 18.1				

Maryland High School Survey

Trend Analysis Report

				Healt	h Risk]	Behavio	or and P	ercenta	nges					Linear Change [†]	Quadratic Change [†]	Change from 2014-2016 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
	er day (counting	g time sp	pent on t	hings su	eo or con uch as X ebook, o		yStation	n, an iPa	d or oth	er tablet	., a				
martpl				school		,			35.1	39.1	38.9	40.2	39.3	No linear change	Not available [¶]	No change
smartpl not sch	ool worl	k, on an	average	school	day) ended pł	hysical e	ducation	n (PE) c	35.1 classes o	39.1 n 1 or m	38.9 hore day	40.2 s (in an		No linear change		No change
smartpl not sch	ool worl	k, on an	average	school who atte	day) ended pł				35.1	39.1 n 1 or m	38.9 hore day	40.2	39.3 36.7	No linear change	Not available [¶] No quadratic change	No change No change
smartpl not sch QN82: average QNDL	Percent week v YPE: P	k, on an tage of s when the ercentag	average students by were i	who atte	day) ended ph l)		ducation 38.3	n (PE) c 34.1	35.1 classes o 38.6	39.1 n 1 or m 43.3	38.9 nore days 41.5	40.2 s (in an 37.5				

Maryland High School Survey

				Healt	h Risk l	Behavio	r and P	ercenta	iges					Linear Change [†]	Quadratic Change [†]	Change from 2014-2016 [§]
1991 1	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
QN86: P	Percenta	ige of s	tudents	who sav	v a denti	st (for a	check-u	ıp, exan	n, teeth	cleaning	, or othe	er				
dental wo	ork, duri	ing the	12 mon	ths befo	re the su	irvey)						69.7	69.7	No linear change	Not available [¶]	No change
dental wo	NT: Pe	ercentag				-	lentist (1	for a che	eck-up,	exam, te	eeth clea		69.7	No linear change No linear change	Not available [¶] Not available	No change No change

Maryland High School Survey

Trend Analysis Report

Black* Site-Ado	ded			Healt	h Risk	Behavio	r and P	ercenta	ages					Linear Change [†]	Quadratic Change [†]	Change from 2014-2016 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	-		
	Percent hey live		students	who rep	ort that	their par	rents or	guardia	ns own t	he home	e or plac	e				
												51.8	50.8	No linear change	Not available [¶]	No change
QN94: time)	Percent	tage of s	students	who wh	o smoke	ed a who	ole cigar	ette befo	ore age 1	13 years	(for the	first				
							10.9	11.1	12.0	13.2	7.3	6.0	7.1	Decreased, 2005-2016	No change, 2005-2013 No change, 2013-2016	Increased
						l to shov lays befo			mong st	tudents	who bou	ght or				
											46.3	45.3	46.9	No linear change	Not available	No change
						ne refus ring the					e of their	age				
(,	,					-80	, 0			/	33.3	36.4	35.7	No linear change	Not available	No change

Maryland High School Survey

Trend Analysis Report

Black* Site-Add	led			Healt	h Risk I	Behavio	or and P	ercenta	iges					Linear Change [†]	Quadratic Change†	Change from
									_							2014-2016 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
QN99: electron	Percent ic vapo	tage of s	tudents et (amor	who usu ig studer	ally use nts who	e a kind o have evo	of flavor er used a	ring othe	er than t onic va	obacco por proc	flavor w luct)	ith an				
												91.9	94.0	Increased, 2014-2016	Not available [¶]	Increased
QN102: little cig 30 days	gars, fla	vored sr	nokeles										6.2	Decreased, 2013-2016	Not available	
											12.7	7.7	0.2			Decreased
										-	-			200000000, 2012 2010	The available	Decreased
QN103: months	Percer before	ntage of the surv	student ey)	s who tr	ied or us	sed toba	cco proc	lucts for	the firs	t time (o	luring th	e 12				Decreased
QN103: months	Percer before	ntage of the surv	student ey)	s who tr	ied or us	sed toba	cco proc	lucts for	the firs	t time (c	luring th	e 12 8.8	6.3	Decreased, 2014-2016	Not available	Decreased
QN103: months QN104: months before t	· Percer before	the surv	ey)	s who co	ompletel	ly quit u	sing all	tobacco	product	ts (durin	g the 12	8.8	6.3			

Maryland High School Survey

Black* Site-Ado	led			Healt	th Risk [Behavio	or and P	ercenta	ges					Linear Change [†]	Quadratic Change [†]	Change from 2014-2016 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	-		
QN105	Percer	ntage of	student	s who li	ve with	someone	e who no	ow smol	kes cigai	rettes or	cigars					
											37.5	36.4	31.2	Decreased, 2013-2016	Not available [¶]	Decreased
		ntage of ama, clu				e in any ent)	extracu	ricular	activitie	s at scho	ool (such	ı as				
							53.7	57.3	59.3	54.0	63.5	63.7	62.7	Increased, 2005-2016	No quadratic change	No change
		ntage of last sch			vere taug	sht in ang	y of thei	r classes	s about t	he dang	ers of to	bacco				
											68.8	58.3	57.6	Decreased, 2013-2016	Not available	No change
QN113 have m	Percer	ntage of nds	student	s who sa	ay defini	itely yes	or prob	ably yes	that yo	ung peoj	ple who	smoke				
											55.8	52.8	51.9	Decreased, 2013-2016	Not available	No change

Maryland High School Survey

Trend Analysis Report

Black* Site-Ado	led			Healt	th Risk	Behavio	or and P	ercenta	iges					Linear Change [†]	Quadratic Change [†]	Change from 2014-2016 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
		ntage of ol or fit		s who sa	ay defin	itely yes	or prob	ably yes	s that sm	oking n	nakes yo	ung				
people		of of fit.									33.4	27.9	28.2	Decreased, 2013-2016	Not available [¶]	No change
						t or stro		approve	of some	eone the	ir age ha	wing				
						,	,					58.7	58.3	No linear change	Not available	No change
(physic	ally and		r ways)								ning ther e a week					
us c cc ,		in inquor	,								70.4	76.4	72.4	No linear change	Not available	Decreased
QN117 are imp			student	s who h	ave an a	dult out	side of s	chool th	iey can t	alk to a	bout thin	igs that				
1							84.7	86.1	84.7	84.5	82.5	82.9	82.0	Decreased, 2005-2016	No quadratic change	No change

Maryland High School Survey

003 2005 200'	g help fror	2011 n one or	2013 more ad	2014 ults	2016			
tion affecting their		n one or	more ad	ults				
0								
86.8 88.4		77.5	75.3	76.6	74.7	Decreased, 2005-2016	No quadratic change	Decreased
					8 88.4 81.6 77.5 75.3 76.6 e that their teachers really care about them			

Maryland High School Survey

Trend Analysis Report

				Healt	h Risk i	Behavio	r and P	ercenta	ges					Linear Change*	Quadratic Change*	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
		age of st							nking al	cohol (ii	n a car o	r other				
cincle	, one or	more th	nes dun	ing the 5	o days i		ie sui vej	()	30.6	26.8	27.2	21.2	16.2	Decreased, 2009-2016	Not available [§]	Decreased
		tage of s														
one or	more ti	tage of s mes dur uring the	ing the 3	30 days l	before th	he surve							8.4	Decreased, 2013-2016	Not available	Decreased
(one or other vo QN11: I day d	more ti ehicle d Percen uring th	mes dur	ing the 3 e 30 day	30 days l s before who tex e the sur	ted or e	he surve vey) -mailed	y, amon while dr	g studer	ts who	had driv	en a car 14.2	or 11.4 at least	8.4	Decreased, 2013-2016	Not available	Decreased
(one or other vo QN11: 1 day d	more ti ehicle d Percen uring th	tage of s	ing the 3 e 30 day	30 days l s before who tex e the sur	ted or e	he surve vey) -mailed	y, amon while dr	g studer	ts who	had driv	en a car 14.2	or 11.4 at least	8.4	Decreased, 2013-2016 Decreased, 2013-2016	Not available Not available	Decreased No change
QN11: 1 day d during QN13:	more ti ehicle d Percen uring th the 30 d Percen	tage of s	ing the 3 e 30 day students ys before ore the s	30 days l s before who tex e the sur urvey) who car	ted or e vey, am	he surve vey) -mailed ong stud	y, amon while dr lents wh	g studer iving a o had di	tts who l car or of riven a c	had driv	icle (on a her vehic 35.7	or 11.4 at least cle 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. *Not enough years of data to calculate.

Maryland High School Survey

Trend Analysis Report

Hispani njury រ	c and Vio	lence														
				Healt	h Risk	Behavio	or and P	Percenta	nges					Linear Change [*]	Quadratic Change [*]	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
				who we one or m								ty				
									13.0	12.3	13.1	10.3	9.5	No linear change	Not available [§]	No change
				who we e survey		hysical	fight on	school	property	(one or	more ti	mes				
									17.1	15.9	18.0	15.2	14.4	No linear change	Not available	No change
	Percent d not wa		students	who we	re ever j	physical	ly force	d to hav	e sexual	interco	urse (wh	en				
											14.3	12.3	12.2	No linear change	Not available	No change
they we being p during	ere datin hysicall the 12 n	ng or goi ly forced	ing out v l to have efore th	who exp with to d e sexual le survey by)	o sexual intercou	l things irse] tha	[countin t they di	ig such t d not wa	hings as ant to, or	kissing ne or mo	, touchin ore times omeone	ng, or 5 during				
											15.8	14.3	7.5	Decreased, 2013-2016	Not available	Decreased

Maryland High School Survey

				Healt	h Risk]	Behavio	r and P	ercenta	iges					Linear Change*	Quadratic Change*	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
purpos into sc	e by son mething vey, am	neone th , or inju	ey were red with	who exp dating of an obje o dated	or going ct or we	out with apon] or	n [counti ne or mo	ing such	n things : s during	as being the 12 r	hit, slar nonths b	nmed before				
survey)										14.9	13.8	11.3	Decreased, 2013-2016	Not available [§]	Decreased
	Percen the surv		tudents	who we	re bullie	ed on sch	nool proj	perty (e	ver durii	ng the 12	2 month	s				
									24.4	19.7	20.5	19.1	18.1	No linear change	Not available	No change
				who we or other												
										10.8	14.5	16.2	14.1	No linear change	Not available	Decreased
				1 6 1	t and onl	honalass	(almost	everv (day for a	>=2 wee	ks in a r	ow so				
	Percen ey stopp			who fel isual act												

Maryland High School Survey

				Healt	h Risk]	Behavio	r and P	ercenta	ges					Linear Change [*]	Quadratic Change*	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
			students	who ser	iously c	onsidere	d attemp	pting sui	icide (ev	er durin	g the 12					
nonths b	before i	the surv	ey)						20.7	14.4	18.9	20.0	19.6	No linear change	Not available [§]	No change

Maryland High School Survey

Hispani Tobacco				Healt	th Risk	Behavio	or and P	ercenta	iges					Linear Change*	Quadratic Change*	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
QN32: before t			students	who cu	rrently s	smoked o	cigarette	s (on at	least 1 c	lay durii	ng the 30) days	-			
Defote	ile suiv	ey)							13.8	12.2	15.4	10.2	10.2	Decreased, 2009-2016	Not available [§]	No change
					io currei	ntly smo	ked ciga	rettes fr	equently	y (on 20	or more	days				
during	the 30 d	lays befo	ore the s	urvey)					2.5	3.5	4.3	2.6	2.7	No linear change	Not available	No change
		Percent fore the		tudents	who cur	rently sr	noked ci	garettes	daily (o	on all 30) days du	iring				
			,						2.5	2.5	3.3	2.2	2.1	No linear change	Not available	No change
e-cigars	s, e-pipe	es, vape		aping pe	ens, e-ho	an electr ookahs, a										
	, 208	, «pr		, unu								43.9	40.3	Decreased, 2014-2016	Not available	Decreased

Maryland High School Survey

Trend Analysis Report

Hispan Tobacc				Healt	th Risk	Behavio	or and P	Percenta	ges					Linear Change*	Quadratic Change*	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	-		
e-cigat NJOY	Percen rettes, e- , Vuse, M the surv	cigars, e MarkTer	-pipes, v	ape pip	es, vapi	ng pens,	e-hooka	ahs, and	hookah	pens [s	uch as b	lu, /s 22.7	14.7	Decreased, 2014-2016	Not available ⁸	Decreased
	Percen day dur						cigars (c	igars, ci	-		-			-		
									16.0	14.4	15.5	11.8	9.9	Decreased, 2009-2016	Not available	Decreased
	2: Perce days bef			ts who c	currently	v smoked	l cigaret	tes or ci	gars (on 23.6	at least 20.9	1 day d 21.8	uring 15.8	14.8	Decreased, 2009-2016	Not available	No change

Maryland High School Survey

Trend Analysis Report

				Healt	th Risk	Behavio	or and P	ercenta	nges					Linear Change*	Quadratic Change*	Change from 2014-2016 [†]
1991 1	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
QN40: P during th			tudents	who eve	er drank	alcohol	(at least	t one dri	ink of alo	cohol, or	n at leas	t 1 day				
uning un		,							71.8	63.9	61.6	54.4	53.0	Decreased, 2009-2016	Not available [§]	No change
QN41: P ew sips)		age of s	tudents	who ha	d their fi	irst drinl	c of alco	hol befo	ore age 1	3 years	(other th	nan a				
iew sips)									26.3	29.4	24.3	22.2	19.3	Decreased, 2009-2016	Not available	Decreased
QN42: P lay durin						lrank alc	ohol (at	least or	ne drink	of alcoh	ol, on at	least 1				
		so aago			.,,				38.0	30.4	30.4	26.0	23.5	Decreased, 2009-2016	Not available	Decreased
	Percent	age of s	tudents	who eve	er used 1	marijuar	a (one o	or more	times du	ring the	ir life)					
QN46: P	Percent	age of s	tudents	who eve	er used 1	marijuar	a (one o	or more	times du 34.7	ring the 37.1	ir life) 39.1	36.9	31.4	No linear change	Not available	Decreased

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

Maryland High School Survey

				Healt	h Risk	Behavio	or and P	ercenta	ges					Linear Change [*]	Quadratic Change*	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
	Percent he surve		tudents	who cur	rently u	sed mar	ijuana (o	one or m	ore time	es durin	g the 30	days	<u> </u>			
									21.4	21.1	20.7	20.7	18.4	No linear change	Not available [§]	Decreased
				who eve during t			any for	n of coc	aine, ind	cluding	powder,	crack,				
	ŗ			Ū					7.3	6.4	11.2	9.1	8.2	No linear change	Not available	No change
QN51:			tudents ng their		er used l	neroin (a	lso calle	ed "smac			11.2 China W		8.2	No linear change	Not available	No change
QN51:					er used l	neroin (a	lso calle	ed "smac					8.2 6.1	No linear change No linear change	Not available Not available	No change No change
QN51: one or QN52:	nore tin	tage of s	ng their	life)	er used 1	nethamp			ck," "jun 4.3	ık," or " 5.9	China W	⁷ hite," 6.7				

Maryland High School Survey

Alcohol	c and Ot	ther Dru	ug Use	Healt	th Risk	Behavio	or and P	ercenta	iges					Linear Change [*]	Quadratic Change*	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	-		
			students	who ev	er used o	ecstasy (also call	led "MD	OMA," o	one or m	ore time	s				
during	their life	e)							6.8	6.7	12.7	9.1	7.7	No linear change	Not available ⁸	Decreased
ON54·	Percent	tage of s	students	who eve	er used	synthetic	, mariius	ana (also	called	"K2 " "9	Spice " "	fake				
weed,"	Percent "King F	tage of s Kong," "	students 'Yucatar	who evo n Fire," '	er used s "Skunk,	synthetic " or "Mc	e marijua oon Rocl	ana (also cs," one	o called or more	"K2," "S e times d	Spice," " luring th	fake eir 12.1	8.6	Decreased, 2014-2016	Not available	Decreased
weed," life) QN57:	"King F Percent	Kong," " tage of s	'Yucatar	n Fire," ' who eve	"Skunk," er inject	" or "Mo	oon Roch	ks," one	or more	e times d	luring th	eir 12.1	8.6	Decreased, 2014-2016	Not available	Decreased
weed," life) QN57:	"King F Percent	Kong," " tage of s	'Yucatar	n Fire," ' who eve	"Skunk," er inject	" or "Mo	oon Roch	ks," one	or more	e times d	luring th	eir 12.1	8.6	Decreased, 2014-2016 No linear change	Not available Not available	Decreased No change
weed," life) QN57: drug in QN58:	Percent Percent	Kong," " tage of s body, of tage of s	Yucatar students ne or mo	who evo	"Skunk," er inject s during ere offer	" or "Mo	oon Rock Ilegal dr e)	ug (usec	or more d a needl 4.8	e times d le to inje 5.7	luring th ect any i 6.8	eir 12.1 Ilegal 5.2				

Maryland High School Survey

Hispani Sexual I		ors		Healt	h Risk]	Behavio	or and P	ercenta	iges					Linear Change*	Quadratic Change*	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
QN59:	Percent	tage of s	tudents	who eve	er had se	exual int	ercourse	;			41.6	37.3	34.1	Decreased, 2013-2016	Not available [§]	Decreased
QN60:	Percent	tage of s	tudents	who had	l sexual	intercou	urse for t	he first	time be	fore age	13 year	5				
											9.8	6.8	5.7	Decreased, 2013-2016	Not available	No change
QN61:	Percent	tage of s	tudents	who had	l sexual	intercou	urse with	four or	more p	ersons c	luring th	eir life				
											15.5	10.7	8.9	Decreased, 2013-2016	Not available	Decreased
				who we nonths b				ive (hac	l sexual	intercou	irse with	at				
											28.7	24.4	22.7	Decreased, 2013-2016	Not available	No change

Maryland High School Survey

Trend Analysis Report

Hispanie Sexual H		rs		Healt	h Risk	Behavio	or and P	ercenta	iges					Linear Change*	Quadratic Change*	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
				who dra xually a		hol or us	sed drug	s before	last sex	ual inter	rcourse (among				
studenta	5 WIIO W		entry se	Audity a	cuve)						28.6	28.1	24.5	No linear change	Not available [§]	No change
					ed a con	dom dur	ing last	sexual i	ntercou	rse (amo	ng stude	ents				
who we	ere curre	ently sex	ually ac	ctive)							59.0	57.6	58.4	No linear change	Not available	No change
						tested fo	r human	immun	odeficie	ency viru	ıs (HIV)	(not				
countin	g lesis u		ley don	ated blo	00)							16.0	17.3	No linear change	Not available	No change
						control j v sexuall			sexual in	ntercours	se (to pro	event				
											12.1	9.9	12.5	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

Trend Analysis Report

				Healt	h Risk I	Behavio	r and P	ercenta	ges					Linear Change*	Quadratic Change*	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
(such a	s Implar	Percenta non or N vere curr	explano	n) befor	e last se						or implar among	nt				
			-	-							2.5	1.6	3.9	Increased, 2013-2016	Not available [§]	Increased
OrthoE	vra), or		ntrol rin	g (such	as Nuva	Ring) b	efore las	t sexual			such as prevent					
											2.4	3.8	2.5	No linear change	Not available	No change
ParaGa (such a	rd) or in s Ortho <mark>I</mark>		such as I birth co	mplano	n or Nex 1g (such	(planon) as Nuv	; or a sh aRing) t	ot (such before la	as Dep st sexua	o-Prove	irena or ra), patc ourse (to					
														No linear change		

Maryland High School Survey

	I	lealth Ris	k Behavio	or and P	Percenta	ages					Linear Change [*]	Quadratic Change [*]	Change from 2014-2016 [†]
1991 1993 1995	5 1997 1	99 2001	1 2003	2005	2007	2009	2011	2013	2014	2016			
QNDUALBC: Perce	ntage of stud	ente who u	used both	a condor	n during	r last so	vuol into		and				
oirth control pills; an Nexplanon); or a sho as NuvaRing) before	IUD (such as t (such as De last sexual in	Mirena or oo-Provera	r ParaGaro ı), patch (s	d) or imp such as C	plant (su DrthoEv	ich as Ir ra), or b	nplanon 9irth con	or trol ring 10 were	(such			N	
birth control pills; an Nexplanon); or a sho as NuvaRing) before currently sexually act	IUD (such as t (such as De last sexual in	Mirena or oo-Provera	r ParaGaro ı), patch (s	d) or imp such as C	plant (su DrthoEv	ich as Ir ra), or b	nplanon 9irth con	or trol ring		6.0	No linear change	Not available ⁸	No change
birth control pills; an Nexplanon); or a sho as NuvaRing) before	IUD (such as t (such as De last sexual in tive) ntage of stud	Mirena on po-Provera tercourse (ents who d	r ParaGard), patch (s (to preven	d) or imp such as C t pregna	plant (su DrthoEv ncy, am thod to j	ich as Ir ra), or b ong stud	nplanon virth con dents wh	or trol ring to were 6.5	(such 6.5	6.0	No linear change	Not available ⁸	No change

Maryland High School Survey

Trend Analysis Report

Iispanic Veight Mana	gement a	nd Diet	v		Behavio	or and P	ercenta	ges					Linear Change [*]	Quadratic Change*	Change from 2014-2016 [†]
1991 1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
QNOWT: Per body mass inc															
								16.7	15.3	18.7	19.5	18.1	No linear change	Not available [¶]	No change
QNOBESE: 1 on sex- and ag									ody mas	s index,	based				
								23.9	13.2	12.7	13.9	14.7	No linear change	Not available	No change
QN68: Percer	ntage of s	students	who des	scribed t	themselv	ves as sli	ghtly or	very ov	verweigh	ıt					
								32.8	26.8	31.0	33.4	32.8	No linear change	Not available	No change
QN70: Percer during the 7 d				1 not dri	nk fruit j	uice (10	00% frui	t juices	one or n	nore tim	es				
								15.9	18.9	21.4	24.7	29.5	Increased, 2009-2016	Not available	Increased
QN71: Percer	ntage of s	students	who did	l not eat	fruit (or	ne or mo	re times	during	the 7 da	ys befor	e the				
survey)															

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

[§]Overweight and obese prevalence estimates for 1999 differ slightly from previously published results because different BMI cut points were used in 1999 than in

subsequent years. To make these prevalence estimates comparable, the 1999 prevalence estimates were recalculated using the updated BMI cut points. In addition, beginning in 2017, new, slightly different ranges were used to calculate biologically implausible responses to height and weight questions. Not enough years of data to calculate.

Maryland High School Survey

Trend Analysis Report

				Healt	h Risk]	Behavio	r and P	ercenta	iges					Linear Change*	Quadratic Change [*]	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
				ts who d e, durins					uit juice	s (such a	as orang	e	-			
	1 5	, ,	1 5	, i		5			7.0	6.4	6.9	9.1	9.2	No linear change	Not available [§]	No change
				ts who a ce, or gr							imes per	day	·			
											imes per 62.5	day 57.7	53.5	Decreased, 2009-2016	Not available	Decreased
(such as	s orange	e juice, a	apple jui	ce, or gr	te fruit of	e, during	g the 7 d	lays bef	ore the s 66.7 es two o	urvey) 61.4 r more t	62.5	57.7	53.5	Decreased, 2009-2016	Not available	Decreased
(such as	s orange	e juice, a	apple jui	ce, or gr	te fruit of	e, during	g the 7 d	lays bef	ore the s 66.7 es two o	urvey) 61.4 r more t	62.5	57.7	53.5 26.1	Decreased, 2009-2016 Decreased, 2009-2016	Not available Not available	Decreased
(such a QNFR2 (such a QNFR3	: Perce : Perce	e juice, a entage o e juice, a entage o	apple jui f studen apple jui	ce, or gr	te fruit o rape juic rape juic te fruit o	e, during or drank e, during or drank	g the 7 c 100% fi g the 7 c 100% fi	lays bef	es two o ore the s 35.3 es three	urvey) 61.4 r more t urvey) 36.6 or more	62.5 imes per 34.1	57.7 r day 29.7		,		

Maryland High School Survey

				Healt	h Risk]	Behavio	or and P	ercenta	ges					Linear Change*	Quadratic Change [*]	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
	Percent he surve		students	who did	not eat	green sa	alad (one	e or mor	e times	during t	he 7 day	s				
									42.1	35.4	35.1	40.9	44.5	No linear change	Not available [§]	Increased
QN73: the sur		tage of s	students	who did	not eat	potatoe	s (one o	more ti	mes dur	ing the	7 days b	efore				
									30.8	41.8	36.5	40.4	41.1	Increased, 2009-2016	Not available	No change
		tage of s	students	who did	not eat	carrots	(one or i	nore tin	nes durir	ng the 7	days bei	fore				
QN74: the sur		tage of s	students	who did	not eat	carrots	(one or i	nore tin	nes durin 52.8	ng the 7 51.7	-	fore 51.3	52.0	No linear change	Not available	No change
the sur QN75:	vey)	tage of s		who did who did					52.8	51.7	48.6	51.3	52.0	No linear change	Not available	No change

Maryland High School Survey

Trend Analysis Report

				Healt	h Risk	Behavio	or and F	Percenta	iges					Linear Change*	Quadratic Change*	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	-		
	fries, fr			ents who potato c												
									7.8	8.0	9.5	10.8	11.5	Increased, 2009-2016	Not available [§]	No change
potatoe	s [exclu		ench frie	ents who es, fried							tables, d	U	52.7	No linear change	Not available	Decreased
potatoe the 7 da QNVE potatoe	s [exclu ays befo G2: Per s [exclu	iding Fro ore the so	ench frie urvey)		potatoes	s, or pota	ato chips	s], carro nore tim	ts, or oth 51.8 es per d	53.0 ay (gree	tables, d 60.5 en salad,	55.6	52.7 23.4	No linear change No linear change	Not available Not available	Decreased No change
QNVE potatoe potatoe the 7 da QNVE QNVE potatoe	s [exclu ays befo G2: Per s [exclu ays befo G3: Per s [exclu	Iding Fro ore the su rcentage Iding Fro ore the su rcentage	ench frid urvey) e of stud- ench frid urvey) e of stud- ench frid ench frid	es, fried) ate veg	s, or pota getables s, or pota getables	two or r two or r ato chips	nore tim s], carro more tim	ts, or oth 51.8 es per d ts, or oth 24.9 mes per	her vege 53.0 ay (gree her vege 27.0 day (gree	tables, d 60.5 en salad, tables, d 28.2 een salad	55.6 luring 25.6				

Maryland High School Survey

Trend Analysis Report

				Healt	th Risk	Behavio	or and I	Percenta	iges					Linear Change*	Quadratic Change*	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	-		
						nk a can pop, dur						Coke,				
									19.8	19.6	26.2	26.5	29.5	Increased, 2009-2016	Not available [§]	Increased
0110.01			c				1 1	1	C 1							
times p		such as				k a can, l not coun							13.3	Decreased, 2009-2016	Not available	Decreased
times p before QNSO times p	er day (the surv DA2: P	such as ey) Percentag such as	Coke, P	Pepsi, or	Sprite, 1 ho dranl		ting die	t soda or r glass o	diet poj 17.7 f soda o	p, during 20.9 r pop tw	g the 7 d 17.7	ays 16.3 re	13.3	Decreased, 2009-2016	Not available	Decreased
times p before QNSO times p	er day (the surv DA2: P er day (such as ey) Percentag such as	Coke, P	Pepsi, or	Sprite, 1 ho dranl	not coun	ting die	t soda or r glass o	diet poj 17.7 f soda o	20.9 20.9 r pop tw p, during	g the 7 d 17.7	ays 16.3 re ays	13.3 8.2	Decreased, 2009-2016 No linear change	Not available Not available	Decreased
times p before QNSO times p before QNSO times p	er day (the surv DA2: P er day (the surv DA3: P	such as ey) Percentag such as ey) Percentag such as	Coke, P ge of stu Coke, P ge of stu	epsi, or idents wi epsi, or	Sprite, 1 ho dranl Sprite, 1 ho dranl	not coun	bottle, o ting die	r glass o t soda or r glass o	f soda o 11.4 f soda o f alet pop	20.9 r pop tw p, during 14.3 r pop th	g the 7 d 17.7 70 or mo g the 7 d 12.0 ree or m	ays 16.3 re ays 10.8 ore				

Maryland High School Survey

Trend Analysis Report

				Healt	h Risk	Behavio	r and P	ercenta	iges					Linear Change*	Quadratic Change*	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
days (ii	ı any kiı	nd of ph	ysical a	who we ctivity the	nat incre	cally act ased the	ive at le	ast 60 n rate and	ninutes j made tl	per day o hem brea	on 5 or r athe hard	nore 1 some				
						/				30.7	34.1	29.5	26.8	No linear change	Not available [§]	No change
activity	on at le	east 1 da	y (in an	y kind o	f physic	not part al activi	ty that in	ncreased	l their he	nutes of eart rate	physical and mad	l				
activity	on at le	east 1 da	y (in an	y kind o	f physic	not part al activi 7 days b	ty that in	ncreased	l their he	nutes of eart rate 20.3	physical and mad 19.3	de 23.1	26.6	Increased, 2011-2016	Not available	Increased
activity them b QNPA days (in	on at le reathe ha 7DAY: n any kin	east 1 da ard som Percent nd of ph	y (in an e of the age of s ysical a	y kind o time dur	f physic ring the who wer nat incre	al activi 7 days b re physic ased the	ty that in efore the ally acti	e survey	their he	eart rate 20.3	and mad 19.3 per day o	de 23.1 m all 7	26.6		Not available	Increased
activity them b QNPA days (in	on at le reathe ha 7DAY: n any kin	east 1 da ard som Percent nd of ph	y (in an e of the age of s ysical a	y kind o time dur tudents v ctivity th	f physic ring the who wer nat incre	al activi 7 days b re physic ased the	ty that in efore the ally acti	e survey	their he	eart rate 20.3	and mad 19.3 per day o	de 23.1 n all 7 d some	26.6		Not available Not available	Increased No change
activity them by QNPA days (in of the t	on at le reathe ha 7DAY: n any kin ime duri	Percent nd of ph ing the 7	y (in an e of the age of s ysical a 7 days b	y kind o time dur tudents v ctivity th efore the	f physic ring the who wer nat incre e survey	al activi 7 days b re physic ased the	ty that in efore the ally action ir heart	icreased e survey ive at lea rate and	l their he	20.3 ninutes p hem brea 18.2	and mac 19.3 per day o athe hard 18.2	de 23.1 on all 7 d some 15.4		Increased, 2011-2016		

Maryland High School Survey

				Healt	h Risk I	Behavio	r and P	ercenta	ges					Linear Change*	Quadratic Change*	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
ours p	er day (counting	g time sp	ent on t	hings su	eo or cor ich as X	box, Pla	yStatior	ı, an iPa	d or oth	er tablet	, a				
			ou l'ube, average			ebook, o	r other s	ocial m	edia, foi	someth	ing that	was				
						ebook, o	r other s	ocial m	edia, foi 22.7	38.2	ing that 36.8	was 40.1	38.5	Increased, 2009-2016	Not available ⁸	No change
ot sch	Percent	k, on an	average	school of who atte	day)	ebook, o			22.7	38.2	36.8	40.1	38.5	Increased, 2009-2016	Not available [§]	No change
ot sch	Percent	k, on an	average	school of who atte	day)				22.7	38.2	36.8 ore days	40.1		Increased, 2009-2016 No linear change	Not available ^s Not available	No change No change
ON82: ON82: Overage	Percent week v	k, on an tage of s when the ercentag	average tudents ty were i	school who attended a	day) ended ph l) no attenc		ducatio	n (PE) c	22.7 lasses of 44.1	38.2 n 1 or m 42.4	36.8 ore days 44.4	40.1 (in an 41.2		, 		

Maryland High School Survey

Other				Healt	h Risk i	Behavio	or and P	ercenta	ges					Linear Change*	Quadratic Change*	Change from 2014-2016 [†]
1991 1	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
QN86: P dental wo	Percent ork, du	age of string the	students e 12 moi	who sav ths befo	v a dent ore the s	ist (for a urvey)	ι check-ι	ıp, exan	n, teeth o	cleaning	g, or othe	er 72.0	72.4	No linear change	Not available [§]	No change
QNNOD or other c			ge of sti	idents w	ho neve	r saw a	dentist (for a che	eck-up,	exam, te	eeth clea	uning, 2.9	3.4	No linear change	Not available	No change
QN87: P	Percent	age of	students	who had	l ever b	een told	by a doo	ctor or n	urse tha	t they h	ad asthn	na				
									27.1	25.1	27.6	27.2	26.7	No linear change	Not available	No change

Maryland High School Survey

Site-Ad	ded			Healt	h Risk I	Behavio	r and P	ercenta	iges					Linear Change*	Quadratic Change*	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
	Percent hey live		tudents	who rep	ort that	their par	rents or	guardia	ns own t	he home	e or plac	e				
where	incy iive											53.4	51.0	No linear change	Not available [§]	No change
	Percent	age of s	tudents	who wh	o smoke	ed a who	le cigar	ette befo	ore age 1	13 years	(for the	first				
time)									12.1	11.8	13.0	10.1	9.7	No linear change	Not available	No change
QN96: tried to	Percent buy cig	age of s	tudents	who we	re asked	l to shov	v proof o	of age (a	among st	tudents	who bou	ght or	· · ·			
uneu to	buy eig	arettes a	a a store	uuning	uie 50 d	iays ber	ne the s	ui vey)			45.8	43.4	40.1	No linear change	Not available	No change
	Percent student										of their	age				
camons	student	s who u	ieu to b	uy elgar	enes du	ring the	50 days	berore	the surve	ey)	29.9	32.0	27.0	No linear change	Not available	

Maryland High School Survey

Trend Analysis Report

Hispanio Site-Add																
				Healt	h Risk	Behavio	or and P	ercenta	iges					Linear Change [*]	Quadratic Change [*]	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
QN99: electror	Percen	tage of s	students ct (amor	who usung stude	ally usents who	e a kind have ev	of flavo er used a	ring othe	er than t ronic va	obacco por proc	flavor w luct)	vith an				
												92.8	93.5	No linear change	Not available [§]	No change
little cig	gars, fla		nokeles			ored tobacts, or bo										
2											14.5	12.8	7.9	D 1 2012 2016	Not available	
													1.)	Decreased, 2013-2016	Not available	Decreased
		ntage of the surv		s who tr	ied or u	sed toba	cco proc	lucts for	the firs	t time (o	during th	ne 12	1.9	Decreased, 2013-2016	Not available	Decreased
				s who tr	ied or u	sed toba	cco proc	lucts for	the firs	t time (a	during th	ne 12 12.0	8.2	Decreased, 2013-2016 Decreased, 2014-2016	Not available	Decreased
months QN104:	before : Perce before	the surv ntage of the surv	ey)	s who co	omplete	sed toba	sing all	tobacco	product	ts (durin	g the 12	12.0				

Maryland High School Survey

Hispanio Site-Ado				Healt	h Risk 1	Behavio	or and P	ercenta	ges					Linear Change*	Quadratic Change*	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
QN105:	Percei	ntage of	student	s who li	ve with	someone	e who no	ow smol	ces ciga	rettes or	cigars 33.8	35.4	26.9	Decreased, 2013-2016	Not available [§]	Decreased
QN111: sports, b							extracui	rricular	activitie 53.4		ool (such		53.6	No linear change	Not available	No change
QN112: use (dur					ere taug	ht in an <u>y</u>	y of thei	r classes	s about t	he dang	ers of to	bacco		_		
											70.5	61.5	58.7	Decreased, 2013-2016	Not available	No change
QN113: have mo			student	s who sa	ıy defini	tely yes	or prob	ably yes	that yo	ung peo	ple who	smoke				
											48.3	46.2	46.5	No linear change	Not available	No change

Maryland High School Survey

Hispanie Site-Ado				Healt	th Risk	Behavio	or and P	ercenta	iges					Linear Change*	Quadratic Change*	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	-		
QN114 people				s who sa	ay defin	itely yes	or prob	ably yes	s that sm	oking n	nakes yo	ung				
people			111								29.3	25.3	24.9	Decreased, 2013-2016	Not available [§]	No change
						it or stro rly ever		approve	of some	eone the	ir age ha	-	5(0)	No linear change	N-6il-hl-	Na sheetaa
												58.4	56.9	No linear change	Not available	No change
(physic	ally and	ntage of in othe or liquor	r ways)	s who th if they h	nink peo nave five	ple are a e or mor	t moder e drinks	ate or g of alcol	reat risk 101 once	of harm or twice	ing then e a week	nselves (such				
											69.1	74.5	71.5	No linear change	Not available	Decreased
QN117 are imp			student	s who h	ave an a	dult out	side of s	chool th	iey can t	alk to al	oout thin	igs that				
									81.4	74.0	76.6	78.6	77.9	No linear change	Not available	No change

Maryland High School Survey

				Healt	h Risk I	Behavio	r and P	ercenta	iges					Linear Change [*]	Quadratic Change*	Change from 2014-2016 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016			
									elp from	one or	more ad	ults				
			students they had							one or 1 71.8	more ad 71.2		71.4	No linear change	Not available [§]	No change
Desides	their pa	arents if	they had	l an impo	ortant qu	uestion a	affecting	g their li	fe	71.8	71.2	72.8	71.4	No linear change	Not available [§]	No change