# Maryland High School Survey

Trend Analysis Report

					Healt	th Risk	Behavi	ior and	l Percei	ntages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021
1991 19	993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
ONIO D	rcenta	ge of s	tudents	who ro	de with	a drive	r who h	ad beer	n drinki	ng alcol	nol (in a	car or o	other ve	hicle, or	ne or			
						rvey)				U				,				
nore time						rvey)	25.0	28.9	26.7	25.9	20.7	18.2	14.2	15.2	12.9	Decreased, 2005-2021	Decreased, 2005-2016 Decreased, 2016-2021	Decreas
	es dur Percent ing th	tage of e 30 da	30 day	s before	e the sur lrove a	car or o	ther vel	nicle w	26.7	25.9	20.7	18.2	14.2	15.2 ne or mo	12.9	,	,	Decr

# Maryland High School Survey

Trend Analysis Report

					Healt	h Risk	Behavio	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
											r vehicle luring th							
											33.1	26.1	28.1	26.2	24.1	Decreased, 2013-2021	Not available <sup>§</sup>	Decreased
			student s before			weapoi	1 on sch	ool pro	perty (	such as	a gun, k	nife, or	club, o	n at leas	st 1			
							6.9	5.9	4.6	5.3	4.8	4.3	7.4	5.7	4.1	Decreased, 2005-2021	No quadratic change	Decreased
											y carrie he surve		only fo	r huntin	g or			
													5.5	4.5	3.6	Decreased, 2016-2021	Not available	Decreased

# Maryland High School Survey

**Trend Analysis Report** 

		iolence	•		Heal	th Risk l	Behavi	ior and	Percen	itages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	-		
						go to sch before th			ney felt	unsafe a	at schoo	l or on t	their wa	y to or f	rom			
														9.2	9.4	No linear change	Not available <sup>§</sup>	No change
														:		·		
						reatened on the before				pon on s	school p	property	(such a	is a gun,	knife,			
										pon on s 8.4	school p 9.4	property 7.2	7 (such a	as a gun, 7.8	knife, 5.9	Decreased, 2005-2021	No quadratic change	Decreased
or club	o, one o	r more	times du	aring the	e 12 mo		ore the 11.7	survey 9.6	9.1	8.4	9.4	7.2	7.8	7.8	5.9	,	No quadratic change	Decreased

#### Maryland High School Survey

Trend Analysis Report

Total **Injury and Violence** Health Risk Behavior and Percentages Linear Change\* Quadratic Change\* **Change from** 2018-2021 \* 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 2021 QN22: Percentage of students who experienced physical dating violence (being physically hurt on purpose by someone they were dating or going out with [counting such things as being hit, slammed into something, or injured with an object or weapon] one or more times during the 12 months before the survey, among students who dated or went out with someone during the 12 months before the survey) 11.1 10.1 9.9 11.6 11.3 No linear change Not available§ No change QN23: Percentage of students who were bullied on school property (ever during the 12 months before the survey) 20.9 21.2 19.6 17.7 18.2 16.7 13.7 Decreased, Decreased, 2009-2016 Decreased Decreased, 2016-2021 2009-2021 QN24: Percentage of students who were electronically bullied (counting being bullied through texting, Instagram, Facebook, or other social media, ever during the 12 months before the survey) 14.2 14.0 13.8 14.1 13.5 13.8 No linear change No quadratic change No change

Maryland High School Survey

Trend Analysis Report

Total Injury	v and V	iolence																
					Healt	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
-		U					less (aln ths befo		5 5	for >=2	weeks	in a rov	v so tha	t they st	opped			
							29.7	23.2	25.1	25.4	27.0	26.8	29.9	32.0	39.2	Increased, 2005-2021	No change, 2005-2014 Increased, 2014-2021	Increased
QN26	Perce	ntage of	fstuden	ts who s	seriously	y consid	lered att	emptin	g suicid	e (durin	ng the 12	2 month	s before	e the su	rvey)			
							17.4	13.2	14.5	16.2	16.0	15.9	17.3	18.0	20.6	Increased, 2005-2021		Increased
QN27 the sur		ntage of	f studen	ts who i	made a j	plan abo	out how	they we	ould att	empt su	icide (d	uring th	ne 12 m	onths be	efore			
							12.2	10.2	11.6	12.6	12.5	12.7	14.4	16.2	15.4	Increased, 2005-2021	No quadratic change	No change

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

Maryland High School Survey

**Trend Analysis Report** 

Total Tobacco Use

					Healt	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	<b>Change from</b> 2018-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
QN31:	Percei	ntage of	fstudent	ts who f	ïrst trie	d cigare	tte smol	king be	fore age	e 13 yea	urs (ever	n one or	two pu	ffs)				
														7.9	6.4	Decreased, 2018-2021	Not available <sup>§</sup>	Decreased
QN32: survey		ntage of	fstudent	ts who c	currently	y smoke	d cigare	ettes (or	n at leas	t 1 day	during	the 30 d	ays bef	ore the				
							16.5	16.8	11.9	12.5	11.9	8.7	8.2	5.0	3.6	Decreased, 2005-2021		Decreased
	CIG: P efore th		ge of str y)	udents v	who cur	rently si	noked c	cigarette	es frequ	ently (c	on 20 or	more d	ays duri	ng the 3	30			
							7.4	7.4	4.4	4.4	3.6	2.4	1.8	1.1	0.7	Decreased, 2005-2021	No quadratic change	Decreased
QNDA the sur	YCIG: vey)	Percer	ntage of	student	s who c	urrently	smoke	d cigare	ettes dai	ly (on a	all 30 da	ys durii	ng the 3	0 days l	before			
							5.4	5.2	3.5	3.2	2.5	1.8	1.3	0.8	0.5	Decreased, 2005-2021	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.

<sup>§</sup>Not enough years of data to calculate.

# Maryland High School Survey

**Trend Analysis Report** 

Total Tobac	co Use																	
					Healt	th Risk	Behavio	or and	Percen	ntages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	<b>Change from</b> 2018-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	-		
							ectronic v s JUUL,						, vapes,	vape pe	ens,			
												37.6	35.3	39.7	32.3	Decreased, 2014-2021	Not available <sup>§</sup>	Decreased
pens, e	cigars,	e-hook		okah pe	ns, and		n electro such as J											
U		5			,							20.0	13.3	23.0	14.7	Decreased, 2014-2021	Not available	Decreased
			age of st fore the			rently u	ised elect	tronic	vapor p	roducts	frequen	tly (on	20 or m	ore day	S			
												2.3	2.0	5.5	4.0	Increased, 2014-2021	Not available	Decreased

# Maryland High School Survey

Trend Analysis Report

Total Tobac	co Use																	
					Heal	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	<b>Change from</b> 2018-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
	YEVP: efore the			studen	ts who o	currently	y used e	lectroni	ic vapor	produ	cts daily	y (on all	30 days	s during	the 30			
												1.7	1.5	3.7	2.9	Increased, 2014-2021	Not available <sup>§</sup>	Decreased
				ents who survey		tly smo	ked ciga	arettes o	or used e	electroi	nic vapo	or produ	cts (on	at least	1 day			
												21.3	15.5	23.5	14.9	Decreased, 2014-2021	Not available	Decreased
dissolv	able tob	bacco p	roducts		s Coper	hagen,	Grizzly	, Skoal,				snuff, d counting		s, or ectronic	vapor			
													6.2	4.6	3.0	Decreased, 2016-2021	Not available	Decreased

# Maryland High School Survey

Trend Analysis Report

Total Tobac	co Use																	
					Heal	th Risk	Behavi	or and	Perce	ntages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	-		
snus, o	or dissol	lvable to	bacco j	products	s [such a	as Cope	nhagen,	, Grizzl	y, Skoa		ently (ch imel Snu ey)				dip,			
													1.1	0.7	0.6	Decreased, 2016-2021	Not available <sup>§</sup>	No change
or diss	solvable	tobacco	o produ	cts [suc]	h as Coj	penhage		zly, Sko	oal, or (		ly (chew nus], nc							
													0.9	0.5	0.4	Decreased, 2016-2021	Not available	No change
		ntage of efore the			currently	y smoke	ed cigars	s (cigar	s, ciga	rillos, or	little ci	gars, on	at leas	t 1 day o	luring			
							11.6	11.0	12.7	12.9	12.5	10.3	9.0	6.0	3.2	Decreased, 2005-2021		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.

<sup>§</sup>Not enough years of data to calculate.

# Maryland High School Survey

**Trend Analysis Report** 

Total Tobacco Use																
			Healt	th Risk ]	Behavi	or and	l Percei	ntages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	<b>Change from</b> 2018-2021 <sup>†</sup>
1991 1993 1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	-		
QNTB4: Percentage vapor products (on at								s or use	d smok	eless tol	bacco o	r electro	onic			
											17.8	24.5	15.6	Decreased, 2016-2021	Not available <sup>§</sup>	Decreased
QNFRCGR: Percent or more days during t					moked	cigars	frequer	tly (ciga	ars, ciga	arillos, c	or little o	cigars, c	on 20			
or more days during t	iie 50 ua	lys belo	ne the s	survey)	0.5	0.6	1.5	1.7	1.9	1.6	1.3	0.9	0.6	No linear change		Decreased
QNTB2: Percentage the survey)	of stude	nts who	o curren	itly smok	ked cig	arettes	or ciga	s (on at	least 1	day dur	ing the	30 days	before			
					20.0	20.2	17.0	16.2	15.8	12.6	12.3	8.1	5.0	Decreased, 2005-2021	Decreased, 2005-2016 Decreased, 2016-2021	Decreased
QNDAYCGR: Perce days during the 30 da				currently	y smok	ed ciga	rs daily	(cigars	, cigaril	los, or li	ittle ciga	ars, on a	ll 30			
							1.0	1.1								

 $^*Based$  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.

<sup>§</sup>Not enough years of data to calculate.

Maryland High School Survey

Trend Analysis Report

					Healt	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
2N40	: Perce	ntage of	student	ts who l	had their	r first dı	rink of a	lcohol	before a	age 13 y	vears (ot	her thar	n a few s	sips)				
							24.8	23.5	24.5	23.2	19.3	17.3	15.7	15.1	13.6	Decreased, 2005-2021	No quadratic change	Decreased
	: Perce	0		ts who c	currently	y drank	alcohol	(at leas	st one d	rink of a	alcohol,	on at le	ast 1 da	y durin	g the			
							39.8	42.9	37.0	34.8	31.2	26.1	25.5	24.1	19.4	Decreased, 2005-2021	No quadratic change	Decreased
	female c	or five o		lrinks o	f alcoho	y were b ol in a ro	oinge dr	inking	(had for	ir or mo	ore drink	s of alc	ohol in	a row if	f they	,		
	g the 30	uays be																

Maryland High School Survey

Trend Analysis Report

					Healt	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021
991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
2N46	Perce	ntage of	f student	s who t	ried ma	rijuana i	for the f	ïrst tim	e before	e age 13	years							
							8.9	8.6	8.1	8.5	8.8	8.0	7.3	6.4	5.2	Decreased, 2005-2021		Decreased
QN47	Perce	ntage of	f student	s who c	urrently	y used m	narijuan	a (one o	or more	times d	luring th	ne 30 da	ys befo	re the su	urvey)			
							18.5	19.4	21.9	23.2	19.8	18.8	18.4	17.6	15.0	Decreased, 2005-2021		Decreased
han h	ow a do	ctor tol	f student d them t e times d	o use it	(counti	ng drug									rently			

Maryland High School Survey

Trend Analysis Report

					Heal	th Risk ]	Behavi	or and	Percer	itages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	-		
	: Percer re times				ever use	d cocain	e (any	form o	f cocain	e, inclu	ding po	wder, cr	rack, or	freebase	e, one			
							6.9	5.5	6.3	5.9	6.5	5.4	5.4	4.8	2.9	Decreased, 2005-2021	Decreased, 2005-2016 Decreased, 2016-2021	Decreased
	: Percer during t			ts who	ever use	d heroin	(also c	alled "	smack,"	"junk,"	' or "Ch	ina Whi	ite," one	or mor	e			
				ts who	ever use	d heroin	(also c 2.6	alled " 2.4	smack," 4.1	"junk," 4.2	' or "Ch 4.9	ina Whi 4.2	ite," one 4.3	or mor	e 2.5	No linear change		Decreased
times QN53	during t	heir life	e) f studer	ts who		d metha	2.6	2.4	4.1	4.2	4.9	4.2	4.3	3.7	2.5	No linear change		Decreased
times QN53	during t	heir life	e) f studer	ts who	ever use	d metha	2.6	2.4	4.1	4.2	4.9	4.2	4.3	3.7	2.5	No linear change Decreased, 2005-2021	No change, 2005-2016 Decreased, 2016-2021	Decreased
times QN53 or "me	during t : Percer eth," one : Percer	heir life	e) f studer re time:	ts who s during	ever use	d metha	2.6 mpheta 4.0	2.4 mines 3.0	4.1 (also ca 4.3	4.2 Iled "sp 4.5	4.9 eed," "c 5.0	4.2 rystal m 4.2	4.3 neth," "c 4.6	3.7 erank," " 3.7	2.5 Vice," 2.3	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.

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Trend Analysis Report

					Heal	th Risk	Behavi	ior and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
			. 1	1				1.1	1		· · ,	.11	1.1	·1	•			
	Percei					ected an	iy mega	i arug (	used a r	needle to	o inject	any ille	gal drug	g into th	eır			
			es duri			ected an		0			U							
						ected an	2.0	2.1	3.0	4.1	3.9	3.6	gal drug 3.8	g into th	eir 2.4	Increased, 2005-2021		Decrease
oody, c	ne or r Percei	nore tim	nes duri	ng their	life)	fered, so	2.0	2.1	3.0	4.1	3.9	3.6	3.8	4.1	2.4	,		Decrease
QN56:	ne or r Percei	nore tin	nes duri	ng their	life)		2.0	2.1	3.0	4.1	3.9	3.6	3.8	4.1	2.4	,		Decrease

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

Maryland High School Survey

Trend Analysis Report

Total Sexual Behaviors

					Healt	h Risk	Behavi	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
QN57:	Percei	ntage of	f studen	ts who e	ever had	sexual	intercou	ırse			39.1	32.4	31.8	31.3	24.7	Decreased, 2013-2021	Not available <sup>§</sup>	Decreased
QN58:	Percei	ntage of	f studen	ts who ł	nad sexu	al inter	course f	or the f	ïrst time	e before	e age 13 6.6	years 5.0	4.3	3.9	3.0	Decreased, 2013-2021	Not available	Decreased
QN59:	Percei	ntage of	f studen	ts who l	nad sexu	al inter	course v	with fou	ir or mo	ore perso	ons duri	ng their	life					
											12.3	8.6	7.7	7.2	5.1	Decreased, 2013-2021	Not available	Decreased
				ts who v ne surve		rently s	exually	active	(had sex	cual inte	ercourse	with at	least of	ne perso	on,			
											27.2	22.6	22.1	22.0	16.9	Decreased, 2013-2021	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.

<sup>§</sup>Not enough years of data to calculate.

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Trend Analysis Report

Total Sexua	l Behav	viors																
					Healt	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	<b>Change from</b> 2018-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
-		0	student ly active		lrank al	cohol or	used di	rugs be	fore las	t sexual	interco	urse (ar	nong stu	udents v	vho			
											24.0	23.7	21.2	20.6	20.8	Decreased, 2013-2021	Not available <sup>§</sup>	No change
-	Percei ly active	0	student	s who u	ised a c	ondom o	during la	ast sexu	al inter	course	(among	student	s who v	vere cur	rently			
											61.5	61.3	56.9	56.7	49.6	Decreased, 2013-2021	Not available	Decreased
	Percei f they de			s who v	were eve	er tested	for hur	nan imi	munode	ficiency	y virus (	(HIV) (r	not cour	nting tes	ts			
												13.6	15.2	13.7	9.1	Decreased, 2014-2021	Not available	Decreased

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Trend Analysis Report

Total Weigh	t Mana	agemen	t and D	vietary I	Behavio	ors												
					Healt	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
QN66	Perce	ntage of	student	ts who c	lescribe	d thems	elves as	s slightl	y or vei	ry overv	veight							
							27.4	27.5	27.5	26.3	26.7	26.2	27.1	27.4	28.3	No linear change	No quadratic change	No change
-		0				overwe a from t	0	1				centile	for bod	y mass i	index,			
							16.0	15.0	15.4	15.4	14.8	14.9	15.0	15.7	15.3	No linear change	No quadratic change	No change
-			U			d obesity DC grov			entile f	or body	mass in	idex, ba	sed on s	sex- and	1			
							12.6	12.9	12.0	12.0	11.0	11.5	13.1	12.8	15.9	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.

<sup>8</sup>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.

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Trend Analysis Report

					Healt	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
	: Perceit the sur		student	ts who c	lid not o	drink fru	uit juice	(100%	fruit ju	ices one	e or mor	e times	during	the 7 da	ys			
							17.2	19.2	17.4	19.0	23.5	27.1	31.2	33.9	32.9	Increased, 2005-2021	No quadratic change	No change
2N69	: Percei	ntage of	student	ts who c	lid not e	eat fruit	(one or	more ti	imes du	ring the	e 7 days	before t	he surv	ey)				
							15.6	18.5	15.0	14.0	15.7	15.9	16.3	15.6	16.8	No linear change		Increased
	0: Perc juice, du						it or dri	nk 1009	% fruit	juices (s	such as o	orange j	uice, ap	ple juic	e, or			
							5.3	6.2	5.0	5.4	7.0	8.0	8.6	8.4	8.4	Increased, 2005-2021	No quadratic change	No change

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Trend Analysis Report

					Healt	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
						it or dra 7 days b				ne or m	ore time	es per d	ay (sucl	n as orai	nge			
							58.7	55.2	64.2	61.3	60.4	56.6	53.9	53.7	51.6	Decreased, 2005-2021		Decreased
-		0				it or dra 7 days b				wo or n	nore time	es per d	ay (suc	n as ora	nge			
							30.7	29.3	36.0	34.7	31.9	28.8	26.7	26.9	24.0	Decreased, 2005-2021		Decreased
QN70	: Perce	ntage of	student	s who c	lid not e	eat greei	n salad (	(one or	more ti	mes du	ring the	7 days l	before t	ne surve	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

Total Weight Management and Dietary Behaviors Health Risk Behavior and Percentages Linear Change\* Quadratic Change\* **Change from** 2018-2021 \* 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 2021 1991 1993 1995 1997 1999 QN71: Percentage of students who did not eat potatoes (one or more times during the 7 days before the survey) 34.1 35.4 34.7 36.5 35.9 38.9 38.9 41.3 43.7 Increased, No quadratic change Increased 2005-2021 QN72: Percentage of students who did not eat carrots (one or more times during the 7 days before the survey) 59.1 No linear change Increased 58.7 56.9 54.3 51.7 52.0 53.5 55.0 54.8 QN73: Percentage of students who did not eat other vegetables (one or more times during the 7 days before the survey) 14.5 16.3 17.6 18.5 17.0 18.4 20.1 18.9 19.4 Increased, Increased, 2005-2016 No change 2005-2021 No change, 2016-2021

# Maryland High School Survey

Trend Analysis Report

					Healt	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
							vegetable es, durin						rench fr	ies, frie	d			
							5.6	5.8	5.9	7.3	7.1	8.4	9.0	9.0	9.5	Increased, 2005-2021	No quadratic change	No change
							es one o or other								ng	. <u> </u>		
							59.1	58.3	60.9	61.1	62.2	59.2	57.4	57.7	53.9	Decreased, 2005-2021		Decreased
														-		·		
							es two c or othe								ng			

 $^*Based$  on trend 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

Total Weigł	ıt Mana	agemen	t and D	oietary 2			Behavi	or and	Percen	itages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			2010 2021
							les three , or othe								ling			
							12.8	11.3	12.6	15.3	13.8	13.4	12.0	11.9	10.2	Decreased, 2005-2021		Decreased
							can, bott s during						oke, Pej	osi, or S	prite,			
									21.6	22.8	28.4	29.0	31.8	34.1	33.3	Increased, 2009-2021	Increased, 2009-2016 Increased, 2016-2021	No change
							n, bottle diet pop,							er day (	such			
									21.3	24.9	18.0	16.6	14.0	12.4	11.5	Decreased, 2009-2021	No quadratic change	Decreased

# Maryland High School Survey

Trend Analysis Report

					Healt	th Risk	Behavio	or and l	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
							n, bottle liet pop,						times p	er day (	such			
									14.0	17.2	12.0	11.0	8.9	7.7	6.7	Decreased, 2009-2021	No quadratic change	Decreased
N76	: Percei	ntage of	student	s who c	lid not e	eat breal	kfast (du	ring the	e 7 days	s before	the sur	vey)						
														17.9	23.6	Increased, 2018-2021	Not available <sup>§</sup>	Increased
																2010-2021		
QNBI	7DAY:	Perce	ntage of	studen	ts who a	te breal	cfast on	all 7 da	ys (dur	ing the	7 days ł	before th	ne surve	ey)				

# Maryland High School Survey

Trend Analysis Report

Total Physic	al Acti	vity																
					Heal	th Risk	Behavi	or and	Percen	ntages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	-		
of phys		tivity th				ysically t rate an												
		5,								41.2	40.1	36.9	35.2	36.5	38.5	Decreased, 2011-2021	Decreased, 2011-2016 Increased, 2016-2021	Increased
day (in	any ki		nysical a	activity		did not p reased t												
C				•						15.6	18.0	19.8	21.6	21.8	18.8	Increased, 2011-2021	Increased, 2011-2016 Decreased, 2016-2021	Decreased
kind of		cal activ				were phy heart ra												
										21.4	21.6	19.5	17.9	19.4	19.6	No linear change	Decreased, 2011-2016 Increased, 2016-2021	No change

Maryland High School Survey

Trend Analysis Report

Total **Physical Activity** Health Risk Behavior and Percentages Linear Change\* **Quadratic Change**<sup>\*</sup> Change from 2018-2021 \* 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 2021 1991 1993 1995 1997 1999 QN79: Percentage of students who attended physical education (PE) classes on 1 or more days (in an average week when they were in school) 37.6 37.0 39.3 37.8 39.1 37.6 36.4 37.1 35.3 No linear change No quadratic change No change ONDLYPE: Percentage of students who attended physical education (PE) classes on all 5 days (in an average week when they were in school) 19.1 15.6 20.0 19.3 18.2 15.6 15.3 14.9 14.6 No quadratic change Decreased. No change 2005-2021 QN81: Percentage of students who had a concussion from playing a sport or being physically active (one or more times during the 12 months before the survey) 16.8 16.5 13.1 Decreased. Not available§ Decreased 2016-2021

# Maryland High School Survey

Trend Analysis Report

Total	
Other	

					Heal	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	<b>Change from</b> 2018-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	-		
	Percer months				saw a de	entist (fo	or a chec	:k-up, e	exam, te	eth clea	aning, o	other c	lental w	ork, du	ring			
												76.1	76.6	76.3	74.1	Decreased, 2014-2021	Not available <sup>§</sup>	Decreased
QNNC work)	DDNT:	Percent	age of s	students	who ne	ever saw	a denti	st (for a	a check-	-up, exa	ım, teeth	cleanii	ng, or o	ther den	ntal	<u> </u>		
												2.0	2.1	2.3	1.7	Decreased, 2014-2021	Not available	Decreased

Maryland High School Survey

Trend Analysis Report

Total Site-Added Health Risk Behavior and Percentages Linear Change\* **Quadratic Change**<sup>\*</sup> Change from 2018-2021 \* 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 2021 QN87: Percentage of students who usually did not sleep in their parent's or guardian's home (during the 30 days before the survey) Not available§ 3.0 4.0 Increased. Increased 2018-2021 QN88: Percentage of students who are transgender 3.3 1.4 3.0 No linear change Not available Increased ON89: Percentage of students who talked on a cell phone while driving (on at least 1 day during the 30 days before the survey, among students who drove a car or other vehicle) 28.8 29.8 30.1 Increased. Not available No change 2016-2021 ON90: Percentage of students who usually obtained their own cigarettes by buying them in a store or gas station (during the 30 days before the survey among students who smoked cigarettes during the 30 days before the survey and who were aged <18 years) Not available 11.8 17.1 Increased. Increased 2018-2021

# Maryland High School Survey

Trend Analysis Report

Total Site-Added

					Heal	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
QN92: who trie						ieone re ys befor			n cigare	ettes bec	cause of	their a	ge (amo	ng stud	ents			
											29.6	33.3	31.4	25.7	38.5	Increased, 2013-2021	Not available <sup>§</sup>	Increased
QN93: product		U			2	use a ki d an ele		0		an toba	icco flav	or with	an elec	etronic v	apor			
												93.3	95.2	95.6	95.4	Increased, 2014-2021	Not available	No change
QN94: them	Percei	ntage of	fstuden	ts who i	used ele	ctronic-	vapor p	roducts	mainly	becaus	e a frier	nd or fai	mily me	mber us	sed			
														13.0	10.0	Decreased, 2018-2021	Not available	Decreased

# Maryland High School Survey

**Trend Analysis Report** 

Total Site-A	dded																	
					Heal	th Risk	Behavio	or and	Percen	itages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
QN95: or TH		ntage of	studen	ts who ł	nave eve	er used a	an electro	onic va	apor pro	oduct to	smoke	marijua	na, TH	C or has	h oil,			
													8.3	13.4	13.7	Increased, 2016-2021	Not available <sup>§</sup>	No change
							bacco pr nenthol c								avored			
											13.3	11.6	7.4	4.5	2.1	Decreased, 2013-2021	Not available	Decreased
			student			tobacco	in a hoo	okah, n	arghile	, or othe	er type o	of water	pipe (oi	n at leas	t 1 day			
													5.6	3.5	1.9	Decreased, 2016-2021	Not available	Decreased

Maryland High School Survey

Trend Analysis Report

Total	
Site-Added	

					Heal	th Risk	Behav	ior and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	<b>Change from</b> 2018-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	-		
QN98: survey		ntage of	studen	ts who	tried or	used toł	bacco p	roducts	for the t	first tim	e (durin	g the 12	2 month	is before	e the			
												11.0	7.7	6.5	3.3	Decreased, 2014-2021	Not available <sup>§</sup>	Decreased
-		U				tely quit products	U				0		nths be	fore the	-			
											41.3	40.2	41.6	11.9	25.4	Decreased, 2013-2021	Not available	Increased
QN100	): Perc	entage o	of stude	nts who	o live w	ith some	eone wh	o now s	mokes	cigarette	es or cig	gars						
											36.9	35.8	30.4	27.5	26.0	Decreased, 2013-2021	Not available	No change

# Maryland High School Survey

Trend Analysis Report

Total Site-A	dded																	
					Healt	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change*	Change from 2018-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
							about si rages, oi			their ho	me is th	at smok	cing is n	ot allov	ved			
													80.7	82.1	81.2	No linear change	Not available <sup>§</sup>	No change
											. <u> </u>							
			of studei ore the s		were in	the sar	ne room	n with s	omeone	e who w	as smok	ting (on	at least	t one da	У			
													25.8	24.6	23.3	Decreased, 2016-2021	Not available	Decreased
one of	their sta	ate's lot	tery gar	nes, gai	nbled o	n the In	sports te ternet, c re the su	or bet or										
														22.1	15.3	Decreased, 2018-2021	Not available	Decreased

# Maryland High School Survey

Trend Analysis Report

Total Site-A	dded																~
					Healt	th Risk	Behavio	r and Per	centages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007 20	)9 2011	2013	2014	2016	2018	2021	-		
								y was ofte 12 mont				hat their	r food m	noney			
													22.5	15.3	Decreased, 2018-2021	Not available <sup>§</sup>	Decreased
								metimes efore the		neir fami	ly boug	ht did n	ot last a	nd			
													17.3	12.2	Decreased, 2018-2021	Not available	Decreased
QN11 school		entage o	of stude	nts who	were ta	ught in 1	heir clas	ses about	the dange	ers of tob	acco us	e (durin	g the la	st			
										69.4	61.7	60.3	58.0	50.9	Decreased, 2013-2021	Not available	Decreased

Maryland High School Survey

Trend Analysis Report

Total
Site-Added

					Heal	th Risk	Behavi	ior and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
QN117 friends		entage (	of stude	nts who	say det	finitely	yes or p	robably	yes tha	it young	g people	who sn	noke ha	ve more	2			
											39.8	37.6	38.1	40.7	42.7	Increased, 2013-2021	Not available <sup>§</sup>	Increased
QN118 fit in	3: Perc	entage (	of stude	nts who	say def	finitely	yes or p	robably	yes tha	ıt smoki	ing mak	es youn	g peopl	e look c	cool or			
											24.4	21.2	22.1	25.5	20.5	Decreased, 2013-2021	Not available	Decreased
							nfortabl heir life		ng help	from or	ne or mo	ore adul	ts besid	es their				
							84.7	84.9	83.1	79.7	77.3	78.2	77.0	76.6	72.3	Decreased, 2005-2021	No quadratic change	Decreased

# Maryland High School Survey

Trend Analysis Report

					Healt	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021 *
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
					de with e the sur		r who h	ad beer	ı drinkiı	ng alcoh	ol (in a	car or c	other ve	hicle, or	ne or			
							25.3	26.7	27.1	25.2	21.0	17.6	13.9	15.3	11.6	Decreased, 2005-2021	Decreased, 2005-2016 Decreased, 2016-2021	Decreased
																	,	
times		he 30 da			drove a survey, a													_
times	luring t	he 30 da														Decreased, 2013-2021	Not available <sup>§</sup>	Decreased
times of before	luring t the sur	he 30 di vey) ntage of	ays befo	ts who t		among s	ed whil	who ha	ad drive	n a car o or other	or other 10.7	vehicle 8.6 e (on at 2	during 6.7 least 1 c	the 30 c 6.5 lay duri	days 4.4 ng the	,	Not available <sup>§</sup>	Decreased

# Maryland High School Survey

Trend Analysis Report

					Healt	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	-		
			f studen vs before			i weapoi	n on sch	iool pro	operty (s	such as	a gun, k	nife, or	club, o	n at lea	st 1			
							9.5	7.3	6.3	7.2	6.4	5.4	9.3	7.3	4.7	Decreased, 2005-2021	No quadratic change	Decreased
													_			2003 2021		
						ı gun (no t 1 day o							only fo 7.6	r huntin 6.4	ng or 4.7	Decreased, 2016-2021	Not available <sup>§</sup>	Decreased
for a s	port suc	h as tar	get shoo	oting, or	n at leas		during t	he 12 m	nonths b	before th	he surve	y)	7.6	6.4	4.7	Decreased,	Not available <sup>§</sup>	Decreased

# Maryland High School Survey

**Trend Analysis Report** 

					Heal	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
							l or inju fore the			pon on s	chool p	roperty	(such a	s a gun,	knife,			
							13.5	10.3	10.0	10.6	11.3	8.7	9.7	8.9	6.4	Decreased, 2005-2021	No quadratic change	Decreased
		ntage of e the sur		s who v	were in	a physic	cal fight	on sch	ool proj	perty (or	ne or mo	ore time	es during	g the 12				
							19.4	14.5	14.3	13.0	17.6	15.1	14.7	15.0	9.1	Decreased, 2005-2021	No quadratic change	Decreased
QN22 someo with a	ne they n object	were da t or wea	ating or pon] on	going o e or mo	out with ore time:	[counti s during	ng such	things months	as being	being p g hit, sla the surv	immed i	into son	nething,	or inju				

Maryland High School Survey

Trend Analysis Report

Male Injury	and V	iolence																
					Healt	th Risk	Behavi	or and	Percen	itages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021 *
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
QN23	Percer	ntage of	studen	ts who v	were bu	llied on	school	propert	y (ever	during t	the 12 n	onths b	before th	ne surve	y)			
									19.5	21.2	18.1	15.5	16.1	14.8	11.8	Decreased, 2009-2021	No quadratic change	Decreased
						ectronica g the 12					Illied th	rough te	exting, I	nstagra	m,			
										10.4	10.7	10.2	11.1	10.8	11.0	No linear change	No quadratic change	No change
						or hopel 12 mon				for >=2	weeks	in a rov	v so that	t they st	opped	·		
							21.5	15.5	20.2	19.2	19.7	18.7	21.0	23.5	27.3	Increased, 2005-2021	No change, 2005-2014 Increased, 2014-2021	Increased

### Maryland High School Survey

Trend Analysis Report

ingur y	anu v	iolence			Healt	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change fron 2018-2021
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
QN26:	Perce	ntage of	student	s who s	seriously	y consid	lered att	emptin	g suicid	e (durir	ng the 1	2 month	s before	e the sur	rvey)			
QN26:	Perce	ntage of	student	s who s	seriously	y consid	lered att 12.9	emptin 10.3	g suicid 11.3	e (durin 12.9	ng the 12 11.6	2 month 10.9	12.4	e the sur 13.0	rvey) 14.0	No linear change	No quadratic change	No chang
	Perce	_				y consid	12.9	10.3	11.3	12.9	11.6	10.9	12.4	13.0	14.0	No linear change	No quadratic change	No chang

Maryland High School Survey

**Trend Analysis Report** 

Male Tobacco Use

					Healt	h Risk	Behavi	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	<b>Change from</b> <b>2018-2021</b> <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
QN31:	Percer	ntage of	student	s who f	irst triec	l cigare	tte smol	king be	fore age	e 13 yea	rs (ever	n one or	two pu	ffs)				
														9.3	7.1	Decreased, 2018-2021	Not available <sup>§</sup>	Decreased
QN32: survey		ntage of	student	s who c	urrently	<sup>y</sup> smoke	d cigare	ettes (or	n at leas	t 1 day	during t	the 30 d	ays bef	ore the				
							17.2	17.4	12.0	12.2	13.2	9.3	9.3	5.7	3.5	Decreased, 2005-2021	Decreased, 2005-2016 Decreased, 2016-2021	Decreased
	CIG: P efore th			udents v	vho curr	ently sr	noked c	cigarette	es frequ	ently (o	on 20 or	more d	ays duri	ng the 3	30			
							7.4	8.0	4.4	4.5	4.4	2.8	2.0	1.2	0.9	Decreased, 2005-2021	No quadratic change	No change
QNDA the sur	YCIG: vey)	Percer	ntage of	student	s who c	urrently	smoke	d cigare	ettes dai	ly (on a	ll 30 da	ys durii	ng the 3	0 days l	before			
							4.9	5.7	3.5	2.9	3.2	2.1	1.5	0.9	0.6	Decreased, 2005-2021	No quadratic change	No change

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

<sup>§</sup>Not enough years of data to calculate.

# Maryland High School Survey

**Trend Analysis Report** 

Male Tobac	co Use																	
					Healt	th Risk	Behavio	or and	Percen	itages						Linear Change <sup>*</sup>	Quadratic Change*	<b>Change from</b> 2018-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	-		
							ectronic v s JUUL,						, vapes,	vape pe	ens,			
												38.0	35.5	39.4	28.8	Decreased, 2014-2021	Not available <sup>§</sup>	Decreased
pens, e	cigars,	e-hook		okah pe	ns, and		n electro such as J											
C		·										20.8	14.0	22.7	11.9	Decreased, 2014-2021	Not available	Decreased
			ige of st fore the			rently u	ised elect	tronic v	apor p	roducts	frequen	tly (on	20 or m	ore day	/8			
												3.1	2.6	6.4	3.4	Increased, 2014-2021	Not available	Decreased

# Maryland High School Survey

Trend Analysis Report

					Healt	th Risk	Behavi	or and F	ercent	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	<b>Change from</b> 2018-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
	YEVP: efore the			studen	ts who c	currently	y used e	lectronic	vapor	produc	cts daily	(on all	30 days	during	the 30			
												2.4	2.0	4.4	2.5	Increased, 2014-2021	Not available <sup>§</sup>	Decreased
	5: Perc the 30 c					tly smo	ked ciga	arettes or	used e	electron	nic vapo	r produc	cts (on	at least	1 day			
						tly smo	ked ciga	arettes or	used e	electron	nic vapo	r produc 21.9	cts (on 16.4	at least 23.1	1 day 12.1	Decreased, 2014-2021	Not available	Decreased
luring QN37: lissolv	the 30 of the 30	days bei	fore the student	survey)	) currently s Coper	y used s	mokeles	ss tobacc	o (chev	wing to	bacco, s	21.9	16.4 ip, snus	23.1	12.1	,	Not available	Decreased

# Maryland High School Survey

Trend Analysis Report

Male Toba	co Use																		
					Heal	th Risk	Beh	avior a	and Pe	ercen	ntages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021
1991	1993	1995	1997	1999	2001	2003	200	5 20	07 2	009	2011	2013	2014	2016	2018	2021	-		
snus,		lvable to	obacco j	products	s [such a	as Cope	enhag	en, Gri	izzly, l	Skoa	l, or Ĉa	ently (ch mel Snu ey)				dip,			
														1.7	1.1	0.8	Decreased, 2016-2021	Not available <sup>§</sup>	No change
or dise		tobacc	o produ	cts [suc]	h as Coj	penhage	en, G	rizzly,	Skoal			y (chew nus], no							
														1.3	0.8	0.6	Decreased, 2016-2021	Not available	No change
	: Perce days be				currently	y smoke	ed cig	gars (ci	gars, c	igari	illos, or	little ci	gars, or	n at leas	t 1 day	during			
							16.	5 13	.8 1	6.4	16.1	15.5	12.3	10.9	7.5	4.0	Decreased, 2005-2021		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.

<sup>§</sup>Not enough years of data to calculate.

#### Maryland High School Survey

Trend Analysis Report

Male **Tobacco Use** Health Risk Behavior and Percentages Linear Change\* Quadratic Change\* **Change from** 2018-2021 \* 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 2021 1991 1993 1995 1997 1999 QNTB4: Percentage of students who currently smoked cigarettes or cigars or used smokeless tobacco or electronic vapor products (on at least 1 day during the 30 days before the survey) 19.3 24.2 13.0 Decreased, Not available<sup>§</sup> Decreased 2016-2021 ONFRCGR: Percentage of students who currently smoked cigars frequently (cigars, cigarillos, or little cigars, on 20 or more days during the 30 days before the survey) 0.9 0.9 1.3 2.12.6 2.1 1.6 1.2 0.7 No linear change Decreased QNTB2: Percentage of students who currently smoked cigarettes or cigars (on at least 1 day during the 30 days before the survey) 22.3 22.5 18.2 17.1 18.0 13.9 14.3 9.5 5.4 Decreased, Decreased, 2005-2016 Decreased 2005-2021 Decreased, 2016-2021 QNDAYCGR: Percentage of students who currently smoked cigars daily (cigars, cigarillos, or little cigars, on all 30 days during the 30 days before the survey) 0.6 0.6 1.1 1.6 1.8 1.6 1.2 0.8 0.6 No linear change No change

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

based on t-test analysis, p < 0.05.

<sup>§</sup>Not enough years of data to calculate.

Maryland High School Survey

Trend Analysis Report

					Healt	th Risk	Behavi	or and	Percen	itages						Linear Change <sup>*</sup>	Quadratic Change*	Change from 2018-2021
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
QN40	: Percei	ntage of	student	ts who l	had their	r first dı	ink of a	lcohol	before a	age 13 y	/ears (ot	her thar	n a few	sips)				
							25.4	26.3	26.9	24.1	21.1	18.3	16.5	16.1	13.5	Decreased, 2005-2021		Decreased
·	: Percei	0		ts who c	currently	y drank	alcohol	(at leas	t one di	rink of a	alcohol,	on at le	ast 1 da	y durin	g the			
							37.6	40.3	34.4	32.3	29.3	23.0	22.2	21.0	15.8	Decreased, 2005-2021	No quadratic change	Decreased
were f		r five o	r more c	lrinks o	f alcoho						ore drink couple							
													11.8	10.9	8.4	Decreased,	Not available <sup>§</sup>	Decrease

Maryland High School Survey

Trend Analysis Report

			Orug Us		Healt	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
QN46	Perce	ntage of	fstudent	s who t	ried ma	rijuana	for the f	irst tim	e before	e age 13	3 years		-					
							11.4	11.6	10.8	11.1	11.3	9.8	9.0	7.4	5.8	Decreased, 2005-2021		Decreased
2N47	Perce	ntage of	fstudent	s who c	currently	y used n	narijuan	a (one o	or more	times d	luring th	ne 30 da	ys befo	re the su	urvey)			
							18.5	23.0	24.6	25.9	21.6	19.4	17.6	16.5	13.6	Decreased, 2005-2021		Decreased
		ntage of	fstudent				ription p	ain me							ently	· · · · ·		
han h	ow a do	octor tol	d them t e times c				s such a	s codei	ne, Vice	odin, Oz	xyConti	n, Hydr	ocodon	e, and				

Maryland High School Survey

Trend Analysis Report

					Healt	th Risk	Behavi	or and	Percer	itages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021 *
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	-		
	: Percer re times				ever use	d cocair	ne (any	form o	f cocain	e, inclu	ding pov	wder, cr	ack, or	freebase	e, one			
							8.5	7.0	7.7	6.8	8.1	6.7	6.8	6.0	3.3	Decreased, 2005-2021	Decreased, 2005-2016 Decreased, 2016-2021	Decreased
	: Percer during t			ts who	ever use	d heroir	n (also c	alled "	smack,"	"junk,"	or "Ch	ina Whi	ite," one	or mor	e			
				ts who	ever use	d heroir	n (also c 2.8	called " 3.7	smack," 5.8	"junk," 5.7	or "Chi	ina Whi 5.5	ite," one 5.3	or mor 4.9	e 3.1	No linear change		Decreased
times QN53	during t	heir life	e) f studen	ts who	ever use ever use their lif	d metha	2.8	3.7	5.8	5.7	6.3	5.5	5.3	4.9	3.1	No linear change		Decreased
times QN53	during t	heir life	e) f studen	ts who	ever use	d metha	2.8	3.7	5.8	5.7	6.3	5.5	5.3	4.9	3.1	No linear change Decreased, 2005-2021	No change, 2005-2016 Decreased, 2016-2021	Decreased
QN53 or "me	during t : Percer eth," one : Percer	heir life	e) f studen re times	ts who o during	ever use	d metha e)	2.8 Impheta 5.8	3.7 mines 3.9	5.8 (also ca 6.0	5.7 Iled "spo 5.8	6.3 eed," "c 6.4	5.5 rystal m 5.4	5.3 neth," "c 5.6	4.9 rank," " 4.9	3.1 ice," 3.0	Decreased,		

Maryland High School Survey

Trend Analysis Report

Male Alcoh	ol and (	Other D	)rug Us	e	Heal	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	-		
	: Percei one or r					ected an	y illega	l drug (	used a r	needle to	o inject	any ille	gal drug	g into th	eir			
							2.2	2.9	4.1	5.0	5.0	4.4	4.8	5.1	2.8	No linear change	Increased, 2005-2016 Decreased, 2016-2021	Decreased
	: Percei s before			ts who	were of	fered, so	old, or g	iven an	illegal	drug on	school	propert	y (durin	ng the 12	2			
							31.2	31.0	33.7	33.1	33.0	28.1	24.6	24.0	20.2	Decreased, 2005-2021		Decreased

Maryland High School Survey

Trend Analysis Report

Male
<b>Sexual Behaviors</b>

					Healt	th Risk	Behavi	or and	Percen	itages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	<b>Change from</b> 2018-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
QN57:	Percei	ntage of	student	ts who e	ever had	l sexual	interco	urse			41.9	35.0	33.9	33.7	26.1	Decreased, 2013-2021	Not available <sup>§</sup>	Decreased
QN58:	Percei	ntage of	student	ts who l	nad sexu	al inter	course f	for the f	first tim	e before	e age 13 10.2	years 7.8	6.5	6.0	3.8	Decreased, 2013-2021	Not available	Decreased
QN59:	Percei	ntage of	student	ts who l	nad sexu	al inter	course v	with fou	ur or mo	ore pers	ons duri	ng their	life	-	-			
											15.4	11.4	9.8	9.1	6.1	Decreased, 2013-2021	Not available	Decreased
			student		were cui y)	rrently s	exually	active	(had se	xual int	ercourse	e with a	t least o	ne perso	on,			
											27.5	23.0	21.8	21.8	17.0	Decreased, 2013-2021	Not available	Decreased

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

<sup>§</sup>Not enough years of data to calculate.

# Maryland High School Survey

Trend Analysis Report

Sexual	Behav	10 <b>r</b> S			Heal	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021 *
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
		ntage of sexual			drank al	cohol o	r used d	rugs be	fore last	t sexual	interco	urse (ar	nong stu	udents v	who			
											27.9	26.1	22.6	22.0	20.0	Decreased, 2013-2021	Not available <sup>§</sup>	No change
-	Percer y active	•	student	ts who u	used a c	ondom	during l	ast sexu	al inter	course (	among	student	s who v	vere cur	rently			
											67.2	67.3	64.2	63.3	53.8	Decreased, 2013-2021	Not available	Decreased
-		ntage of		ts who v	were ev	er testec	l for hui	nan im	munode	ficiency	virus (	HIV) (r	ot cour	iting tes	sts			
												14.2	16.1	13.9	8.6	Decreased, 2014-2021	Not available	Decreased

Maryland High School Survey

Trend Analysis Report

Male Weigh	t Mana	agemen	t and D	ietary ]	Behavio	ors												
					Healt	th Risk ]	Behavi	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
QN66:	Percei	ntage of	student	s who d	lescribe	d thems	elves as	s slightl	y or vei	y overv	veight							
							21.8	22.6	22.5	21.8	21.7	21.6	22.9	22.8	25.6	No linear change	No quadratic change	Increased
						overwei a from tl						centile	for bod	y mass i	index,			
							16.2	15.0	15.8	15.5	14.8	14.5	14.2	14.5	14.3	Decreased, 2005-2021	No quadratic change	No change
						d obesity DC grow			entile f	or body	mass ir	idex, ba	sed on s	sex- and	1			
							15.5	16.6	15.4	13.4	13.8	14.1	15.4	14.6	18.4	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.

<sup>8</sup>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	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
	: Percer the sur		student	ts who c	did not o	drink fru	uit juice	(100%	fruit ju	ices one	e or mor	e times	during	the 7 da	ys			
							15.8	17.9	17.0	19.1	22.5	25.9	29.5	32.7	31.3	Increased, 2005-2021	No quadratic change	No change
2N69	: Percei	ntage of	student	ts who c	did not e	eat fruit	(one or	more ti	imes du	ring the	e 7 days	before t	the surv	ey)				
							16.4	21.2	18.4	14.7	18.5	17.3	18.3	17.7	18.3	No linear change	No quadratic change	No change
	0: Perc juice, du						it or dri	nk 1009	% fruit j	juices (s	such as o	orange j	uice, ap	ple juic	e, or			
							5.4	7.5	6.2	5.9	8.5	9.1	9.9	9.9	9.2	Increased,	No quadratic change	No change

# Maryland High School Survey

Trend Analysis Report

					Healt	th Risk	Behavi	or and	Percen	itages						Linear Change <sup>*</sup>	Quadratic Change*	Change from 2018-2021
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
							ank 1009 pefore th			one or m	ore time	es per d	ay (sucl	n as orai	nge			
							60.2	55.3	62.9	62.3	60.7	58.7	55.2	54.4	53.0	Decreased, 2005-2021		No change
							ank 1009 pefore th			wo or n	nore tim	es per d	ay (suc	n as ora	nge			
							33.8	30.1	36.3	36.5	32.7	30.3	27.8	27.7	26.0	Decreased, 2005-2021		Decreased
											-	-						
QN70	: Percer	ntage of	student	s who c	lid not e	eat gree	n salad (	(one or	more ti	mes du	ring the	7 days l	before t	ne surve	ey)			

Maryland High School Survey

**Trend Analysis Report** 

Male Weigł	nt Mana	agemen	t and D	Dietary	Behavi	ors												
					Heal	th Risk	Behavi	ior and	Percen	itages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	<b>Change from</b> 2018-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	-		
QN71	: Perce	ntage of	studen	ts who	did not o	eat pota	toes (on	e or mo	ore time	s during	g the 7 d	lays bef	ore the	survey)				
							31.4	34.8	32.3	33.9	34.5	37.6	37.8	40.8	41.7	Increased, 2005-2021	No quadratic change	No change
QN72	: Perce	ntage of	studen	ts who	did not o	eat carro	ots (one	or mor	e times	during	the 7 da	ys befoi	e the su	irvey)				
							58.6	53.0	54.4	49.2	50.6	51.5	53.6	53.5	58.5	No linear change		Increased
QN73 survey		ntage of	studen	ts who	did not o	eat othe	r vegeta	ibles (or	ne or m	ore time	es during	g the 7 c	lays bef	fore the				
							16.6	18.2	20.2	21.2	19.3	20.1	22.4	21.2	20.5	Increased, 2005-2021	Increased, 2005-2016 Decreased, 2016-2021	No change

# Maryland High School Survey

**Trend Analysis Report** 

					Healt	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021 *
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
							vegetabl es, durin						rench fr	ies, frie	d			
							6.2	6.0	7.7	9.0	8.7	9.8	10.6	10.9	10.9	Increased, 2005-2021	No quadratic change	No change
							es one c or othe								ng			
							57.8	59.2	59.5	62.4	62.2	59.9	58.0	57.9	54.4	No linear change		Decreased
							es two c or othe								ng	·		
	Tries, fi	icu pou			1 1,	,												

Maryland High School Survey

**Trend Analysis Report** 

					Healt	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
							les three , or othe								ling			
							12.9	12.4	13.3	16.6	14.4	14.8	12.7	12.3	11.2	No linear change	No change, 2005-2014 Decreased, 2014-2021	No change
							can, bott es during						oke, Per	osi, or S	prite,			
									19.9	22.4	25.5	27.0	29.8	30.8	31.2	Increased, 2009-2021	Increased, 2009-2016 No change, 2016-2021	No change
							ın, bottle diet pop,							er day (	such			

# Maryland High School Survey

Trend Analysis Report

					Healt	th Risk	Behavi	or and I	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
							n, bottle liet pop,						times p	er day (	such			
									15.7	18.9	13.7	12.5	9.9	9.1	7.6	Decreased, 2009-2021	No quadratic change	Decreased
N76	Perce	ntage of	student	s who c	lid not e	eat breal	kfast (du	uring the	e 7 days	s before	the sur	vey)						
														17.5	22.0	Increased, 2018-2021	Not available <sup>§</sup>	Increased
								· · · ·										
QNBI	7DAY	: Perce	ntage of	studen	ts who a	ate breal	kfast on	all 7 da	ys (dur	ing the	7 days ł	before the	he surve	ey)				

# Maryland High School Survey

**Trend Analysis Report** 

Male Physic	cal Acti	vity																
					Heal	th Risk	Behavi	ior and	l Percer	ntages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	-		
of phy		tivity th							60 min breathe h									
										50.1	46.8	44.0	42.2	42.9	46.0	Decreased, 2011-2021	Decreased, 2011-2016 Increased, 2016-2021	Increased
day (ir		nd of pl	hysical	activity	that inc				t least 6 and ma									
										13.4	14.9	16.6	17.8	18.0	14.1	No linear change	Increased, 2011-2016 Decreased, 2016-2021	Decreased
kind o		cal activ							at least hem brea									
										28.0	27.5	25.0	23.4	24.8	25.4	No linear change	Decreased, 2011-2016 Increased, 2016-2021	No change

# Maryland High School Survey

**Trend Analysis Report** 

Male Physic	al Acti	vity																
					Healt	th Risk	Behavi	or and	Percen	ntages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	•		
-		ntage of re in scl		ts who a	attended	l physica	al educa	ation (P	E) class	ses on 1	or more	e days (	in an av	erage w	veek			
							44.9	44.4	48.1	44.4	46.7	44.3	43.3	43.0	41.9	No linear change	No quadratic change	No change
when t	hey we	re in scl	hool)			ended pl	21.6	18.2	24.2	24.2	22.7	18.7	18.3	17.5	17.9	No linear change	No quadratic change	No change
					had a co le surve	ncussion y)	n from	playing	a sport	or bein	ıg physi	cally ac	tive (on	e or mo	re			
													18.6	19.0	15.2	Decreased, 2016-2021	Not available <sup>§</sup>	Decreased

# Maryland High School Survey

Trend Analysis Report

Male	
Other	

					Heal	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	-		
		ntage of before			saw a de	entist (fo	or a chec	ck-up, e	exam, te	eth clea	aning, o	r other o	dental w	ork, du	ring			
												75.2	75.6	75.4	73.3	Decreased, 2014-2021	Not available <sup>§</sup>	Decreased
QNNC work)	DDNT:	Percent	age of s	students	who ne	ever saw	v a denti	st (for a	a check-	-up, exa	ım, teeth	n cleanii	ng, or o	ther den	ntal	·           =		
												2.5	2.5	2.8	1.9	Decreased, 2014-2021	Not available	Decreased

Maryland High School Survey

Trend Analysis Report

Male Site-A	dded																	
					Heal	th Risk	Behavi	or and	Percen	itages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	-		
	Percent the sur		fstuden	ts who	usually	did not	sleep in	their pa	arent's c	or guard	ian's ho	me (dur	ing the	30 days				
														3.5	4.4	Increased, 2018-2021	Not available <sup>§</sup>	Increased
QN88	Percer	ntage of	studen	ts who	are tran	sgender												
													3.9	1.4	2.3	Decreased, 2016-2021	Not available	Increased
						n a cell or othe			iving (c	on at lea	st 1 day	during	the 30	days bet	fore			
													29.6	30.7	30.0	No linear change	Not available	No change
(durin	g the 30		efore th			obtained g studen												
														15.6	20.7	No linear change	Not available	No change

#### Maryland High School Survey

Trend Analysis Report

Male Site-Added Health Risk Behavior and Percentages Linear Change\* **Quadratic Change**<sup>\*</sup> Change from 2018-2021 \* 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 2021 QN92: Percentage of students who had someone refuse to sell them cigarettes because of their age (among students who tried to buy cigarettes during the 30 days before the survey) 33.4 36.4 34.0 27.7 40.3 No linear change Not available§ Increased QN93: Percentage of students who usually use a kind of flavoring other than tobacco flavor with an electronic vapor product (among students who have ever used an electronic vapor product) 91.9 94.1 94.2 94.7 Increased. Not available No change 2014-2021 QN94: Percentage of students who used electronic-vapor products mainly because a friend or family member used them 10.7 7.7 Decreased, Not available Decreased 2018-2021

# Maryland High School Survey

Trend Analysis Report

Male Site-Added

					Heal	th Risk	Behavi	ior and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021 <sup>†</sup>
1991 1	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
QN95: F or THC v		tage of	studen	ts who	have ev	er used	an elect	ronic va	por pro	duct to	smoke	marijua	na, TH	C or has	h oil,			
													9.0	13.4	11.9	Increased, 2016-2021	Not available <sup>§</sup>	Decreased
QN96: F smokeles		0							·	0	, 0	,		0	avored			
											15.8	13.3	9.1	5.6	2.4	Decreased, 2013-2021	Not available	Decreased
QN97: F during th		0				tobacco	o in a ho	ookah, n	arghile,	or othe	er type o	of water	pipe (oi	n at leas	t 1 day			
													6.0	3.7	1.8	Decreased, 2016-2021	Not available	Decreased

# Maryland High School Survey

Trend Analysis Report

Male Site-Added

					Heal	th Risk	Behavi	ior and	Percen	itages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	-		
QN98: survey		ntage of	fstuden	ts who	tried or	used tol	bacco pi	roducts	for the t	first tim	e (durin	g the 12	2 month	ns before	e the			
												10.8	7.6	5.7	2.4	Decreased, 2014-2021	Not available <sup>§</sup>	Decreased
						tely quit roducts							nths be	fore the	-			
											40.4	39.5	41.6	13.3	27.4	Decreased, 2013-2021	Not available	Increased
QN10	): Perc	entage o	of stude	nts who	live wi	ith some	eone wh	o now s	mokes	cigarett	es or cig	gars						
											36.5	34.9	29.5	26.4	25.1	Decreased, 2013-2021	Not available	No change

# Maryland High School Survey

Trend Analysis Report

Male Site-A	dded				Healt	th Risk [	Behavio	or and i	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	-		
						the rule a ecks, gar				heir ho	me is th	at smok	ting is n	ot allov	ved			
													81.1	82.4	82.2	No linear change	Not available <sup>§</sup>	No change
															-			
-		0	of studen ore the s		were in	the san	ne room	with so	omeone	who w	as smok	cing (on	at least	one da	У			
													23.9	22.9	20.9	Decreased, 2016-2021	Not available	Decreased
one of	their sta	ate's lot	tery gar	nes, gai	nbled o	ed on a s in the Int ths befor	ternet, o	r bet or										
														31.0	23.0	Decreased, 2018-2021	Not available	Decreased

#### Maryland High School Survey

Trend Analysis Report

Male Site-Added Health Risk Behavior and Percentages Linear Change\* **Quadratic Change<sup>\*</sup>** Change from 2018-2021 \* 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 2021 1991 1993 1995 1997 1999 QN108: Percentage of students who reported that their family was often or sometimes worried that their food money would run out before they got money to buy more (during the 12 months before the survey) 21.1 14.0 Decreased, Not available§ Decreased 2018-2021 QN109: Percentage of students who reported that often or sometimes the food their family bought did not last and they did not have money to get more (during the 12 months before the survey) 16.8 11.6 Decreased, Not available Decreased 2018-2021 QN116: Percentage of students who were taught in their classes about the dangers of tobacco use (during the last school year) 70.2 62.5 61.7 58.8 52.3 Decreased. Not available Decreased 2013-2021

Maryland High School Survey

Trend Analysis Report

Male Site-Added

					Heal	th Risk	Behavi	ior and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	-		
QN117 friends		entage (	of stude	nts who	say det	finitely	yes or p	robably	yes tha	it young	g people	who sn	noke ha	ve more	2			
											41.3	39.3	39.5	42.5	42.1	No linear change	Not available <sup>§</sup>	No change
QN118 fit in	8: Perc	entage (	of stude	nts who	say det	finitely	yes or p	robably	yes tha	ıt smoki	ing mak	es youn	g peopl	e look c	cool or	·•		
											28.2	23.9	24.6	28.0	20.9	Decreased, 2013-2021	Not available	Decreased
							nfortabl heir life		ng help	from or	ne or mo	ore adul	ts besid	es their				
							82.0	83.5	79.7	80.4	76.0	77.4	75.6	75.7	72.3	Decreased, 2005-2021	No quadratic change	Decreased

#### Maryland High School Survey

Trend Analysis Report

Female **Injury and Violence** Health Risk Behavior and Percentages Linear Change\* **Quadratic Change<sup>\*</sup>** Change from 2018-2021 \* 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 2021 QN9: Percentage of students who rode with a driver who had been drinking alcohol (in a car or other vehicle, one or more times during the 30 days before the survey) 24.7 31.0 26.2 26.0 19.7 18.6 14.0 14.1 14.0 Decreased, No quadratic change No change 2005-2021 QN10: Percentage of students who drove a car or other vehicle when they had been drinking alcohol (one or more times during the 30 days before the survey, among students who had driven a car or other vehicle during the 30 days before the survey) Not available§ 6.4 5.0 4.4 3.2 3.5 Decreased. No change 2013-2021 QN11: Percentage of students who texted or e-mailed while driving a car or other vehicle (on at least 1 day during the 30 days before the survey, among students who had driven a car or other vehicle during the 30 days before the survey) 30.4 22.6 26.7 24.1 22.7 Decreased. Not available No change 2013-2021

# Maryland High School Survey

**Trend Analysis Report** 

Fema Injury	le v and V	iolence																
					Healt	h Risk	Behavi	or and	Percen	itages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	<b>Change from</b> 2018-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	-		
			student s before			weapo	n on scl	nool pro	operty (	such as	a gun, k	mife, or	club, o	n at leas	st 1			
							4.3	4.2	2.6	2.8	2.9	2.8	4.5	3.4	3.0	No linear change	No quadratic change	No change
			student get shoo										only fo	r huntin	g or			
													2.6	1.9	2.2	No linear change	Not available <sup>§</sup>	No change
-		U	student ay durir		0	·			ey felt	unsafe a	t schoo	l or on t	heir wa	y to or f	from			
														8.7	9.9	No linear change	Not available	No change

#### Maryland High School Survey

Trend Analysis Report

Female **Injury and Violence** Health Risk Behavior and Percentages Linear Change\* **Quadratic Change**<sup>\*</sup> Change from 2018-2021 \* 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 2021 QN15: Percentage of students who were threatened or injured with a weapon on school property (such as a gun, knife, or club, one or more times during the 12 months before the survey) 9.8 8.6 7.8 5.3 6.8 5.3 5.2 5.7 4.9 Decreased. No quadratic change No change 2005-2021 QN17: Percentage of students who were in a physical fight on school property (one or more times during the 12 months before the survey) 10.4 10.0 7.8 8.5 10.2 8.5 8.7 8.3 4.8 Decreased, No quadratic change Decreased 2005-2021 QN22: Percentage of students who experienced physical dating violence (being physically hurt on purpose by someone they were dating or going out with [counting such things as being hit, slammed into something, or injured with an object or weapon] one or more times during the 12 months before the survey, among students who dated or went out with someone during the 12 months before the survey) 12.0 11.2 10.1 11.8 12.2 No linear change Not available§ No change

Maryland High School Survey

Trend Analysis Report

Femal Injury	-	iolence																
					Heal	th Risk	Behavi	or and	Percen	itages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
QN23:	Perce	ntage of	studen	ts who v	were bu	llied on	school	propert	y (ever	during	the 12 n	nonths b	before th	ie surve	y)			
									22.2	20.8	20.9	19.8	19.9	18.3	15.2	Decreased, 2009-2021	No change, 2009-2016 Decreased, 2016-2021	Decreased
						ectronica g the 12					illied th	rough te	exting, I	nstagra	m,			
										17.4	17.2	17.2	17.0	15.9	16.3	No linear change	No quadratic change	No change
						or hope 12 mon				for >=2	weeks	in a rov	v so that	they st	opped			
							38.1	30.7	30.1	31.4	34.2	35.0	38.7	40.6	50.8	Increased, 2005-2021		Increased

### Maryland High School Survey

Trend Analysis Report

Femal Injury	le y and V	iolence	:															
					Heal	th Risk	Behavi	ior and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	-		
QN26	: Perce	ntage of	f studen	ts who s	seriousl	y consid	dered at	temptin	g suicid	e (durir	ng the 12	2 month	s before	e the sur	rvey)			
							22.0	15.8	17.4	19.3	20.0	20.7	21.8	22.7	26.7	Increased, 2005-2021		Increased
QN27 the sur	: Percer	ntage of	fstuden	ts who i	made a	plan ab	out how	they w	ould att	empt su	icide (d	uring th	e 12 m	onths be	efore	·		
							15.6	10.8	13.0	14.5	15.0	15.9	17.7	19.2	20.0	Increased, 2005-2021		No change

Maryland High School Survey

**Trend Analysis Report** 

Femal Tobac	-																	
					Heal	th Risk	Behavi	or and	Percen	itages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
QN31:	Perce	ntage of	studen	ts who f	first trie	d cigare	ette smo	king be	fore age	e 13 yea	ars (even	n one or	two pu	ffs)				
														5.9	5.3	No linear change	Not available <sup>§</sup>	No change
survey		-				-	ed cigaro 16.0	15.8		12.3	10.0	7.7	6.3	3.5	3.2	Decreased, 2005-2021		No change
		Percenta le surve		udents v	who cur	rently s	moked o	cigarett	es frequ	ently (c	on 20 or	more d	ays duri	ng the 3	30			
5							7.4	6.6	4.3	4.1	2.7	1.9	1.4	0.7	0.4	Decreased, 2005-2021	No quadratic change	Decreased
QNDA the sur		Percer	ntage of	student	s who c	currently	y smoke	d cigar	ettes da	ily (on a	all 30 da	iys durii	ng the 3	0 days l	before			
							5.8	4.5	3.4	3.2	1.8	1.4	1.0	0.6	0.3	Decreased, 2005-2021	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.

<sup>§</sup>Not enough years of data to calculate.

# Maryland High School Survey

Trend Analysis Report

					Healt	th Risk	Behavi	or and i	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change*	Change from 2018-2021
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	-		
						d an ele [such a							vapes,	vape pe	ens,			
												37.0	34.9	39.9	35.7	No linear change	Not available <sup>§</sup>	Decreased
bens,		e-hook	ahs, ho	okah pe	ns, and	y used a mods [s												
												18.7	12.1	23.1	17.1	Increased, 2014-2021	Not available	Decreased
						.1			ionor n	roducts	frequen	tlv (on	20 or m	ore dav	s			
	EVP: F the 30					rently u	ised elec	ctronic v	apoi pi	louuets	nequen	ily (oli		ore aug				

# Maryland High School Survey

Femal Tobac	e co Use																	
					Heal	th Risk	Behavi	or and	Percen	itages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	-		
		e surve		f studen	ts who	currently	y used e	lectron	ic vapo	r produc	cts daily	(on all	30 days	s during	the 30			
												0.9	0.8	2.9	3.2	Increased, 2014-2021	Not available <sup>§</sup>	No change
			of stude fore the			ntly smol	ked ciga	arettes o	or used	electron	nic vapo	r produ	cts (on	at least	1 day	·		
												20.3	14.1	23.6	17.4	No linear change	Not available	Decreased
dissolv	able to	bacco p	roducts	[such a	s Copei	y used s nhagen, vs before	Grizzly	, Skoal,							vapor			
													3.2	2.1	1.9	Decreased, 2016-2021	Not available	No change

# Maryland High School Survey

Trend Analysis Report

Femal Tobac	le co Use																	
					Heal	th Risk	Behavi	or and	Percer	ntages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	-		
snus, c	or dissol	vable to	bacco p	products	s [such a	as Cope		Grizzl	y, Skoa	l, or Ca	ently (ch mel Snu ey)				dip,			
													0.5	0.3	0.3	No linear change	Not available <sup>§</sup>	No change
or diss	olvable	tobacco	o produo	cts [sucl	h as Coj	penhage		zly, Sko	oal, or C		y (chew nus], no					No linear change	Not available	No chang
	Percei days be				currently	y smoke	ed cigars	s (cigar	s, cigar	illos, or	little ci	gars, on	at least	1 day c	luring			
							6.7	7.9	8.8	8.9	8.7	7.8	6.3	3.8	1.9	Decreased, 2005-2021	No change, 2005-2014 Decreased, 2014-2021	Decrease

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

<sup>§</sup>Not enough years of data to calculate.

#### Maryland High School Survey

Trend Analysis Report

Female **Tobacco Use** Health Risk Behavior and Percentages Linear Change\* Quadratic Change\* **Change from** 2018-2021 \* 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 2021 QNTB4: Percentage of students who currently smoked cigarettes or cigars or used smokeless tobacco or electronic vapor products (on at least 1 day during the 30 days before the survey) 15.9 24.5 17.8 No linear change Not available<sup>§</sup> Decreased QNFRCGR: Percentage of students who currently smoked cigars frequently (cigars, cigarillos, or little cigars, on 20 or more days during the 30 days before the survey) 0.2 0.1 1.5 1.1 1.0 1.0 0.9 0.5 0.4 No linear change No change QNTB2: Percentage of students who currently smoked cigarettes or cigars (on at least 1 day during the 30 days before the survey) 17.8 17.7 15.7 15.0 13.1 11.0 9.6 5.8 4.1 Decreased, Decreased 2005-2021 QNDAYCGR: Percentage of students who currently smoked cigars daily (cigars, cigarillos, or little cigars, on all 30 days during the 30 days before the survey) 0.1 0.2 0.8 0.7 0.7 Increased, 2005-2014 0.4 0.6 0.3 0.3 No linear change No change Decreased, 2014-2021

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

Based on t-test analysis, p < 0.05.

<sup>§</sup>Not enough years of data to calculate.

Maryland High School Survey

Trend Analysis Report

					Healt	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
QN40	: Perce	ntage of	student	s who l	nad their	r first dr	ink of a	lcohol	before a	nge 13 y	vears (ot	her thar	n a few	sips)				
							24.1	20.3	21.8	22.2	17.1	15.9	14.4	13.6	13.4	Decreased, 2005-2021	No quadratic change	No change
·	: Percer ys before	0		s who c	currently	y drank	alcohol	(at leas	st one di	rink of a	alcohol,	on at le	ast 1 da	y durin	g the			
							41.9	45.3	39.4	36.8	33.0	29.1	28.6	26.8	22.7	Decreased, 2005-2021	No quadratic change	Decreased
were f	female of		r more d	lrinks o	f alcoho	y were b ol in a ro												
luring	, the so	2		•														

Maryland High School Survey

Trend Analysis Report

					Healt	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
2N46	: Perce	ntage of	student	s who t	ried ma	rijuana	for the f	irst tim	e befor	e age 13	3 years							
							6.5	5.3	5.3	6.0	5.8	5.9	5.1	5.0	4.4	Decreased, 2005-2021	No quadratic change	No change
N47	: Perce	ntage of	student	s who c	urrently	y used n	narijuan	a (one	or more	times d	luring th	ne 30 da	ys befo	re the si	urvey)			
		U			•		0						-		•			
<u> </u>		C					18.4	15.9	19.2		-	18.2	19.0	18.3	16.2	No linear change	No quadratic change	Decrease
2N49 han h	: Perce	ntage of	student	s who e o use it	ever too (counti	k presci ng drug	18.4	15.9 Dain me	19.2 dicine w	20.4	17.8		19.0	18.3 or differ	16.2	No linear change	No quadratic change	Decreased

Maryland High School Survey

Trend Analysis Report

Femal Alcoh		Other D	orug Us	se														
					Heal	th Risk	Behavi	or and	Percer	ntages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	-		
		ntage of during			ever use	ed cocai	ne (any	form o	f cocair	ne, inclu	ding po	wder, cı	ack, or	freebase	e, one			
							5.3	3.6	4.5	4.6	4.2	3.6	3.4	2.8	2.0	Decreased, 2005-2021	No quadratic change	Decreased
		ntage of heir life		ts who e	ever use	ed heroin	n (also c	alled "	smack,	" "junk,	" or "Ch	ina Whi	te," one	or mor	e			
							2.3	0.8	1.7	1.9	2.8	2.4	2.4	1.8	1.3	No linear change	No quadratic change	No change
		ntage of e or mor					ampheta	mines	(also ca	illed "sp	eed," "c	rystal n	eth," "c	rank," "	'ice,"			_
							2.2	1.6	2.1	2.4	3.0	2.4	2.6	1.8	1.1	No linear change	No change, 2005-2016 Decreased, 2016-2021	Decreased
QN54 their li		ntage of	studen	ts who e	ever use	ed ecstas	sy (also	called '	'MDM.	A" or "N	Molly,"	one or n	nore tim	es durir	ng			
							5.1	5.2	4.7	5.5	5.7	4.3	3.6	2.8	2.0	Decreased, 2005-2021		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

Femal Alcoh		Other I	Drug Us	se	Heal	th Risk	Behavi	ior and	Percen	itages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
			f student nes duri			ected an	ıy illega	l drug (	(used a 1	needle to	o inject	any ille	gal drug	g into th	eir			
					,		1.7	0.7	1.4	2.5	2.5	2.4	2.4	2.7	1.7	No linear change	No quadratic change	Decreased
		ntage of e the sur		ts who	were of	fered, so	old, or g	iven ar	illegal	drug on	school	propert	y (durin	g the 12	2			
			_				26.6	23.4	24.8	27.4	25.0	24.1	22.2	22.0	19.1	Decreased, 2005-2021	No quadratic change	Decreased

Maryland High School Survey

Trend Analysis Report

Female Sexual Behaviors

					Healt	h Risk	Behavio	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
QN57:	Percei	ntage of	studen	ts who e	ever had	sexual	intercou	ırse			36.4	29.8	29.7	29.1	23.4	Decreased, 2013-2021	Not available <sup>§</sup>	Decreased
QN58:	Percei	ntage of	studen	ts who ł	nad sexu	al inter	course f	or the f	irst tim	e before	e age 13 3.2	years 2.4	2.0	1.8	2.1	Decreased, 2013-2021	Not available	No change
QN59:	Percer	ntage of	studen	ts who l	nad sexu	al inter	course v	vith fou	r or mo	ore perso	ons duri	ng their	life					
											9.3	5.9	5.6	5.3	3.9	Decreased, 2013-2021	Not available	Decreased
				ts who v ne surve		rently s	exually	active	(had sex	cual inte	ercourse	with at	t least o	ne perso	on,			
											26.7	22.1	22.2	22.1	16.6	Decreased, 2013-2021	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.

<sup>§</sup>Not enough years of data to calculate.

Maryland High School Survey

Trend Analysis Report

Femal Sexual	e Behav	viors																
					Healt	th Risk	Behavi	ior and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	-		
		ntage of / sexual			drank al	cohol o	r used d	rugs be	fore las	t sexual	interco	urse (an	nong sti	idents v	who			
											20.1	21.2	19.7	18.7	21.0	No linear change	Not available <sup>§</sup>	No change
	Percer y active		studen	ts who ı	used a c	ondom	during l	ast sexu	al inter	course (	(among 56.4	student 55.6			trently 45.7	Decreased, 2013-2021	Not available	Decrease
		ntage of onated l		ts who v	were evo	er testec	l for hui	man imi	munode	ficiency	y virus (	HIV) (r	ot cour	ting tes	sts			
												12.9	14.0	13.3	9.4	Decreased, 2014-2021	Not available	Decreased

Maryland High School Survey

Trend Analysis Report

Femal Weigh		gemen	t and D	ietary l	Behavio	ors												
					Healt	h Risk E	Behavi	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
QN66:	Percer	ntage of	student	s who c	lescribe	d themse	elves as	s slightl	y or ver	y overv	veight							
							32.9	32.3	32.5	30.8	31.9	30.8	31.4	32.0	31.1	No linear change	No quadratic change	No change
						overweig a from th						centile	for bod	y mass i	index,			
							15.7	15.1	14.9	15.3	14.8	15.4	15.9	17.0	16.4	No linear change	No quadratic change	No change
						l obesity DC grow			entile f	or body	mass ir	idex, ba	sed on s	sex- and	1			
							9.6	9.1	8.5	10.5	8.2	8.8	10.8	10.9	13.4	Increased, 2005-2021		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.

<sup>8</sup>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

					Healt	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
	: Percer the sur		student	ts who c	did not o	drink fru	uit juice	(100%	fruit ju	ices one	e or mor	e times	during	the 7 da	ys			
							18.6	20.3	17.2	18.6	24.4	28.3	32.7	34.8	34.5	Increased, 2005-2021	No quadratic change	No change
QN69	: Perce	ntage of	student	ts who c	did not e	eat fruit	(one or	more ti	mes du	ring the	7 days	before t	he surv	ey)				
							15.0	15.5	11.2	13.2	12.7	14.5	14.2	13.2	15.0	No linear change		Increased
			of stude e 7 days				it or dri	nk 1009	% fruit j	juices (s	such as o	orange j	uice, ap	ple juic	e, or			
							5.2	4.5	3.4	4.9	5.3	6.7	7.3	6.8	7.5	Increased,	No quadratic change	No change

# Maryland High School Survey

Trend Analysis Report

					Healt	th Risk	Behavi	or and	Percen	itages						Linear Change <sup>*</sup>	Quadratic Change*	Change from 2018-2021
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
	R1: Perc apple ju									one or m	ore time	es per d	ay (sucl	n as ora	nge			
							57.2	55.3	65.8	60.4	60.2	54.5	52.5	52.9	50.3	Decreased, 2005-2021		Decreased
-	R2: Perc apple ju	•								wo or n	nore tim	es per d	ay (suc	h as ora	nge			
							27.6	28.4	35.9	32.8	31.2	27.3	25.6	26.0	21.9	Decreased, 2005-2021		Decreased
		nto go of		s who d	lid not e	eat area	n salad i	one or	more ti	mes dui	ring the	7 days 1	before t	he surve	ev)			
QN70	: Percer	mage of	studen	is who c	nu not t	cat greet	i salau i		more u	mes au	mg me	, aajs			- ) /			

 $^*$ Based on trend 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

					Heal	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
QN71	: Perce	ntage of	fstuden	ts who o	did not e	eat pota	toes (on	e or mo	ore time	s during	g the 7 d	lays bef	ore the	survey)				
							37.1	36.0	37.1	39.0	37.4	40.1	39.9	41.9	45.7	Increased, 2005-2021	No quadratic change	Increased
QN72	: Perce	ntage of	fstuden	ts who o	did not e	eat carro	ots (one	or more	e times	during t	the 7 da	ys befoi	e the su	irvey)				
							58.7	61.0	54.3	54.5	53.7	55.7	56.7	56.6	60.0	No linear change		Increased
QN73 survey		ntage of	studen	ts who o	did not e	eat othe	r vegeta	bles (or	ne or me	ore time	es during	g the 7 c	lays bef	ore the				
							12.3	14.1	14.6	16.0	14.5	166	17.6	16.5	18.1	Increased,	No quadratic change	No change

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

# Maryland High School Survey

					Healt	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
							vegetable es, durin						rench fr	ies, frie	d			
							5.1	5.2	4.2	5.6	5.6	6.9	7.4	7.0	8.1	Increased, 2005-2021	No quadratic change	No change
							es one o or other								ng	. <u> </u>		
							60.3	57.6	62.1	59.9	62.1	58.3	56.5	57.2	53.2	Decreased, 2005-2021		Decreased
							es two c or other								ng			

# Maryland High School Survey

Trend Analysis Report

					Healt	th Risk	Behavio	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
							es three or other								ling			
							12.6	9.9	11.7	13.8	13.0	11.8	11.1	11.2	9.0	Decreased, 2005-2021		Decreased
							can, bott s during						oke, Pej	osi, or S	prite,			
									23.5	23.3	31.3	30.9	33.8	37.4	35.4	Increased, 2009-2021		No change
							n, bottle liet pop,						times p	er day (	such			
									18.8	22.5	15.0	14.2	12.1	10.2	9.4	Decreased.	No quadratic change	No change

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

# Maryland High School Survey

Trend Analysis Report

					Healt	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
							n, bottle liet pop,						times p	er day (	such			
									12.3	15.2	10.3	9.5	7.7	6.1	5.5	Decreased, 2009-2021	No quadratic change	No change
N76	: Perce	ntage of	student	ts who a	did not e	eat breal	kfast (du	uring the	e 7 days	s before	the sur	vey)						
														18.1	24.9	Increased, 2018-2021	Not available <sup>§</sup>	Increased
		_	nto go of	Estudon	te who e	ata braal	kfast on	all 7 da	vs (dur	ing the	7 davs l	efore tl	ne surve	v)				
QNBI	K7DAY	: Perce	mage of	studen		ale brea	Klast Off	an / ua	iys (uur	ing the	/ uays t		ic suive	<i></i>				

# Maryland High School Survey

**Trend Analysis Report** 

Femal Physic	e cal Acti	vity															
					Heal	th Risk ]	Behavior a	nd Perce	ntages						Linear Change <sup>*</sup>	Quadratic Change*	Change from 2018-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005 200	07 2009	2011	2013	2014	2016	2018	2021	-		
of phy		tivity th					active at lea 1 made them										
		, ,							32.3	33.8	30.1	28.4	30.4	31.3	No linear change	No quadratic change	No change
day (ir	n any ki	nd of pl		activity			articipate in neir heart ra										
									17.9	21.0	22.8	25.4	25.2	23.4	Increased, 2011-2021	Increased, 2011-2016 Decreased, 2016-2021	Decreased
kind o		al activ					sically activite and made										
									14.7	16.0	14.1	12.6	14.3	14.0	No linear change	No quadratic change	No change

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

Maryland High School Survey

Trend Analysis Report

Female **Physical Activity** Health Risk Behavior and Percentages Linear Change\* **Quadratic Change**<sup>\*</sup> Change from 2018-2021 \* 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 2021 1991 1993 1995 1997 1999 QN79: Percentage of students who attended physical education (PE) classes on 1 or more days (in an average week when they were in school) 29.8 30.6 31.1 31.3 30.6 29.1 30.9 30.2 28.6 No linear change No quadratic change No change ONDLYPE: Percentage of students who attended physical education (PE) classes on all 5 days (in an average week when they were in school) 16.6 13.3 15.9 14.5 13.9 12.6 12.3 12.4 11.5 No quadratic change No change Decreased. 2005-2021 QN81: Percentage of students who had a concussion from playing a sport or being physically active (one or more times during the 12 months before the survey) 14.4 13.6 10.6 Decreased. Not available§ Decreased 2016-2021

# Maryland High School Survey

Female	
Other	

					Heal	th Risk	Behavio	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	-		
-	Percer months	U			saw a de	entist (fo	or a chec	:k-up, e	exam, te	eth clea	ning, or	t other o	lental w	ork, du	ring			
												77.5	78.3	77.8	75.3	Decreased, 2014-2021	Not available <sup>§</sup>	Decreased
QNNC work)	DDNT:	Percent	age of s	students	who ne	ever saw	a denti	st (for a	a check-	-up, exa	m, teeth	cleani	ng, or o	ther den	ital			
												1.5	1.4	1.6	1.4	No linear change	Not available	No change

Maryland High School Survey

Trend Analysis Report

Female Site-Added																
			Healt	h Risk	Behavio	or and	Percer	itages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021 <sup>†</sup>
1991 1993 1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	-		
QN87: Percentage o before the survey)	f students	s who us	sually d	lid not s	sleep in	their pa	arent's o	or guard	ian's ho	me (dur	ing the	30 days				
												1.9	3.1	Increased, 2018-2021	Not available <sup>§</sup>	Increased
QN88: Percentage o	f students	s who a	re trans	gender			:									
											2.2	1.1	3.1	Increased, 2016-2021	Not available	Increased
QN89: Percentage o the survey, among st							iving (o	on at lea	st 1 day	during	the 30	days bei	fore			
											27.0	27.8	29.5	Increased, 2016-2021	Not available	No change
QN90: Percentage o (during the 30 days b who were aged <18 y	efore the															
												6.7	15.6	Increased, 2018-2021	Not available	Increased

Maryland High School Survey

Trend Analysis Report

Femal Site-A																		
					Heal	th Risk	Behavi	ior and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
-		•				eone re ys befor			n cigare	ettes bec	cause of	their ag	ge (amo	ng stud	ents			
											22.2	27.5	25.3	19.1	35.4	Increased, 2013-2021	Not available <sup>§</sup>	Increased
						use a kir d an ele			other th roduct)	an toba	cco flav	or with	an elec	tronic v	apor			
												95.2	97.0	97.1	96.1	No linear change	Not available	No change
QN94: them	Percer	ntage of	studen	ts who ı	ised ele	ctronic-	vapor p	roducts	mainly	becaus	e a frier	nd or fai	nily me	mber us	sed			
														15.1	12.2	Decreased, 2018-2021	Not available	Decreased

Maryland High School Survey

Trend Analysis Report

Femal Site-A					Heal	th Risk	Behavio	or and	Percer	ntages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	-		
QN95: or TH		ntage of	fstuden	ts who l	nave ev	er used a	an electro	onic va	apor pro	oduct to	smoke	marijua	ina, TH	C or has	h oil,			
													7.3	13.3	15.4	Increased, 2016-2021	Not available <sup>§</sup>	Increased
							bacco pi nenthol c								avored			
		_									10.5	9.7	5.1	3.1	1.6	Decreased, 2013-2021	Not available	Decreased
			f studen fore the			tobacco	o in a hoo	okah, n	arghile	, or othe	er type o	of water	pipe (or	n at leas	t 1 day			
													4.4	2.8	1.7	Decreased, 2016-2021	Not available	Decreased

# Maryland High School Survey

Trend Analysis Report

					Heal	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
QN98: survey		ntage of	studen	ts who t	ried or	used tob	oacco pr	oducts	for the f	first tim	e (durin	g the 12	2 month	s before	e the			
												11.1	7.7	7.2	4.0	Decreased, 2014-2021	Not available <sup>§</sup>	Decrease
											iring the		nths bei	ore the				
											42.4	40.7	41.2	10.5	23.9	Decreased, 2013-2021	Not available	Increase
QN10	0: Perce	entage o	of stude	nts who	live wi	th some	one wh	o now s	mokes o	cigarette	es or cig	gars		-				
-																		

# Maryland High School Survey

Trend Analysis Report

Femal Site-A																		
					Healt	th Risk	Behavi	or and	Percen	itages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	-		
-		•				the rule cks, gai		0		their ho	me is th	at smok	ting is n	ot allov	ved			
													80.7	82.3	80.4	No linear change	Not available <sup>§</sup>	Decreased
			of studer ore the s		were in	the san	ne room	n with s	omeone	who w	as smol	cing (on	at least 27.2	one da 25.5	y 25.3	No linear change	Not available	No change
one of	their sta	ate's lot	tery gar	nes, gai	mbled o	ed on a s in the In ths befo	ternet, o	or bet or										
														12.8	7.4	Decreased, 2018-2021	Not available	Decreased

# Maryland High School Survey

Trend Analysis Report

Femal Site-A																		
					Healt	th Risk	Behavio	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021 *
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	-		
						d that th more (d							nat their	food m	ioney			
														23.5	16.2	Decreased, 2018-2021	Not available <sup>§</sup>	Decreased
						d that of the					eir famil	y boug	ht did n	ot last a	nd			
														17.4	12.6	Decreased, 2018-2021	Not available	Decreased
QN11 school		entage o	of stude	nts who	were ta	ught in	their cla	isses ab	out the	danger	s of toba	acco us	e (durin	g the la	st			
											68.8	61.2	59.0	57.4	49.6	Decreased, 2013-2021	Not available	Decreased

Maryland High School Survey

Trend Analysis Report

Female Site-A					Healt	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
QN117 friends		entage o	of stude	nts who	say def	ïnitely y	es or p	robably	yes tha	it young	g people	who sn	noke ha	ve more	2			
											38.0	35.7	36.4	38.7	43.3	Increased, 2013-2021	Not available <sup>§</sup>	Increased
QN118 fit in	3: Perce	entage o	of stude	nts who	say def	initely y	es or p	robably	yes that	it smoki	ing mak	es youn	g peopl	e look c	cool or			
											20.2	18.2	19.3	22.3	19.8	Increased, 2013-2021	Not available	Decreased
					would stion aff				ng help	from or	ne or mo	ore adul	ts besid	es their				
							87.5	86.4	86.8	79.5	78.8	79.0	78.6	77.5	72.5	Decreased, 2005-2021	No quadratic change	Decreased

# Maryland High School Survey

Trend Analysis Report

					Healt	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>†</sup>	Quadratic Change <sup><math>\dagger</math></sup>	Change fron 2018-2021
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
				who ro s before		a drive rvey)	r who h	ad been	drinkir	ig alcoh	nol (in a	car or o	other ve	hicle, oi	ne or			
							26.9	28.9	28.3	22.6	19.1	18.7	13.5	14.9	12.6	Decreased, 2005-2021	No quadratic change	Decrease
<b>N</b> 10	Darca	itage of	studen	ta who d			1 1	• 1 1	.1									
imes		he 30 d				car or o among s					en drink or other							
imes	luring t	he 30 d														Decreased, 2013-2021	Not available <sup>¶</sup>	Decreased
imes before	luring t the sur	he 30 da vey) ntage of	ays befo	ts who t	exted of		tudents ed while	who ha	g a car	n a car of	or other 8.8	vehicle 7.2 e (on at	5.4	the 30 of 6.0	days 4.3 ng the	,	Not available¶	Decrease

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

# Maryland High School Survey

**Trend Analysis Report** 

					Healt	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2018-2021 <sup>§</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
			student s before			ı weapo	n on sch	iool pro	perty (s	such as	a gun, l	cnife, or	club, o	n at leas	st 1			
							6.3	4.9	4.2	3.9	3.5	3.2	4.7	3.7	2.9	Decreased,	No quadratic change	Decreased
																2005-2021		
							ot count during t						only for 3.4	r huntin 2.9	g or 2.3	2005-2021 Decreased, 2016-2021	Not available <sup>¶</sup>	Decrease
or a s	port suc	h as tar	get shoo	oting, or	n at leas	t 1 day		he 12 m	nonths t	before t	he surve	ey)	3.4	2.9	2.3	Decreased,	Not available <sup>¶</sup>	Decrease

# Maryland High School Survey

**Trend Analysis Report** 

White Injury	* v and V	iolence	:															
					Heal	th Risk	Behavi	or and	Percer	ntages						Linear Change $^{\dagger}$	Quadratic Change <sup><math>\dagger</math></sup>	Change from 2018-2021 <sup>§</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
							l or inju fore the			pon on s	school p	property	(such a	s a gun,	knife,			
							11.6	8.7	6.4	5.4	7.1	5.5	5.5	6.1	5.1	Decreased, 2005-2021	Decreased, 2005-2014 No change, 2014-2021	Decreased
	Percers s before			ts who	were in	a physic	cal fight	on sch	ool proj	perty (o	ne or m	ore time	es durin	g the 12	-			
							14.1	10.0	7.4	6.9	8.3	7.0	6.9	7.3	5.0	Decreased, 2005-2021		Decreased
someo with a	ne they n object	were d	ating or pon] or	going one or mo	out with	[counti s during	ysical da ng such g the 12 e the sur	things months	as bein	g hit, sla	ammed	into son	nething	, or inju				
											9.3	8.7	7.6	9.3	10.0	No linear change	Not available <sup>¶</sup>	No change

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

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

# Maryland High School Survey

White Injury		iolence				4 5.1			D									
					Hear	th Risk	Behavi	or and	Percen	itages						Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2018-2021 <sup>§</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
QN23	Percer	ntage of	studen	ts who v	were bu	llied on	school	propert	y (ever	during t	the 12 n	nonths b	efore th	ne surve	y)			
									23.7	26.3	22.3	20.6	21.3	19.5	16.4	Decreased, 2009-2021	Decreased, 2009-2016 Decreased, 2016-2021	Decreased
						ectronica g the 12					Illied th	rough te	exting, l	nstagra	m,			
										17.0	16.6	16.0	17.0	15.9	16.8	No linear change	No quadratic change	No change
						or hopel 12 mon				for >=2	weeks	in a row	v so that	t they st	opped			
							28.4	21.5	21.5	24.6	25.2	25.9	28.7	30.8	38.1	Increased, 2005-2021		Increased

# Maryland High School Survey

injui y	y and V	ioiciice			Heal	th Risk	Behavi	ior and	Percen	tages						Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2018-2021 <sup>§</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
<u> </u>	: Perce	ntage of	etudant		• •		1 1 .					:		:				
21120.		inuge of	studen	ts who s	seriousl	y consid	dered at	tempting	g suicid	e (durir	ng the 12	2 month	s before	e the sur	vey)			
Q1120.			student	IS WHO	seriousi	y consid	dered at 19.1	14.6	g suicid 12.1	e (durin 16.3	ng the 12 14.9	2 month 15.8	s before 16.6	e the sur 17.8	vey) 19.9	No linear change		Increased
		-			-	-		14.6	12.1	16.3	14.9	15.8	16.6	17.8	19.9	No linear change		Increased

# Maryland High School Survey

**Trend Analysis Report** 

White Tobac																		
					Heal	th Risk	Behavi	or and	Percen	itages						Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2018-2021 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	-		
QN31:	Percer	ntage of	f studen	ts who t	first trie	d cigare	ette smo	king be	fore age	e 13 yea	ars (ever	n one or	two pu	ffs)				
														6.0	5.2	No linear change	Not available <sup>¶</sup>	Decreased
QN32: survey		ntage of	f studen	ts who	currently	y smoke	ed cigaro 21.4	ettes (o 18.5			during 13.8			fore the 5.4	4.6	Decreased, 2005-2021		No change
QNFR days b				udents	who cur	rently s	moked o	cigarett	es frequ	ently (o	on 20 or	more d	ays dur	ing the î	30			
-			-				10.9	8.7	6.9	6.6	5.0	3.4	2.2	1.2	0.8	Decreased, 2005-2021	No quadratic change	Decreased
QNDA the sur	YCIG: vey)	Percei	ntage of	student	ts who c	urrently	y smoke	d cigar	ettes dai	ily (on a	all 30 da	ays duri	ng the 3	0 days 1	before			
							7.8	6.0	5.6	4.7	3.5	2.4	1.6	0.9	0.6	Decreased, 2005-2021	No quadratic change	Decreased

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

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

### Maryland High School Survey

White Tobac	* co Use																	
					Heal	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2018-2021
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	-		
											ng e-cig e, and bl		, vapes,	vape pe	ens,			
												38.9	36.1	46.7	35.5	No linear change	Not available <sup>¶</sup>	Decreased
bens, e	e-cigars,	, e-hook		okah pe	ens, and						cluding , Vuse, a					No linear change	Not available	Decrease
-			ige of st fore the			rrently u	ised elec	ctronic	vapor p	roducts	frequen	tly (on	20 or m	ore day	S			
												3.0	2.6	9.6	6.3	Increased, 2014-2021	Not available	Decrease

### Maryland High School Survey

White Fobac	* co Use																	
					Healt	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2018-2021 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
	YEVP: efore th			student	ts who c	currently	y used e	lectroni	c vapor	produc	cts daily	(on all	30 days	during	the 30			
												2.1	1.9	6.5	4.7	Increased, 2014-2021	Not available <sup>¶</sup>	Decreased
				ents who survey		tly smo	ked ciga	arettes o	or used o	electror	nic vapo	r produ	cts (on	at least	1 day			
												24.5	18.3	33.4	19.0	Decreased, 2014-2021	Not available	Decreased
dissolv	able to	bacco p	roducts	[such a	s Coper	hagen,	mokeles Grizzly, the sur	Skoal,							vapor			
													5.7	4.2	2.6	Decreased, 2016-2021	Not available	Decreased

# Maryland High School Survey

**Trend Analysis Report** 

White Tobac	* co Use																	
					Heal	th Risk	Behavi	or and i	Percen	tages						Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2018-2021 <sup>§</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
snus, c	or dissol	vable to	obacco	products	s [such a	as Cope	used smo enhagen, ag the 30	Grizzly	, Skoal	l, or Ĉa	imel Sni				dip,			
													1.4	0.8	0.5	Decreased, 2016-2021	Not available <sup>¶</sup>	No change
or diss	olvable	tobacco	o produ	cts [suc]	h as Coj	penhage	y used s en, Grizz efore the	zly, Sko	al, or C									
													1.1	0.6	0.4	Decreased, 2016-2021	Not available	No change
			f studen e survey		currently	y smoke	ed cigars	s (cigars	, cigari	llos, or	little ci	gars, on	at least	1 day o	luring			
							15.0	11.0	12.4	12.4	11.5	9.9	8.3	5.7	2.8	Decreased, 2005-2021	Decreased, 2005-2016 Decreased, 2016-2021	Decreased

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

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

# Maryland High School Survey

**Trend Analysis Report** 

Toba	co Use				Heal	th Risk	Behavi	or and	Percen	ntages						Linear Change $^{\dagger}$	Quadratic Change $^{\dagger}$	Change from 2018-2021 <sup>§</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	-		
						ntly smo 30 days				s or use	d smoke	eless toł	bacco or	electro	nic			
													20.5	34.0	19.4	Decreased, 2016-2021	Not available <sup>¶</sup>	Decreased
	CGR:					rrently s	smoked	cigars	frequen	tly (ciga	ars, ciga	rillos, o	r little c	igars, o	n 20			
01 110	ie aujs					,,,	0.3	0.5	1.4	1.4	1.3	1.3	1.1	0.7	0.5	No linear change	Increased, 2005-2014 Decreased, 2014-2021	No change
QNTI the su		centage	of stude	ents who	o currer	ntly smo	ked cig	arettes	or cigar	s (on at	least 1	day duri	ing the 3	30 days	before			
							24.8	21.9	20.3	19.8	17.3	14.4	12.3	8.4	5.8	Decreased, 2005-2021		Decreased
	NCOD	: Perce				currentl	y smok	ed ciga	rs daily	(cigars,	cigarill	los, or li	ttle ciga	urs, on a	11 30			
	AYCGR luring th		ys befoi	e the su	ırvey)													

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

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

#### Maryland High School Survey

Trend Analysis Report

White\* Alcohol and Other Drug Use Health Risk Behavior and Percentages Linear Change<sup>†</sup> Quadratic Change<sup>†</sup> Change from 2018-2021 § 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 2021 QN40: Percentage of students who had their first drink of alcohol before age 13 years (other than a few sips) No quadratic change 23.5 23.6 19.3 20.1 16.5 15.7 14.2 12.4 12.9 Decreased, No change 2005-2021 QN41: Percentage of students who currently drank alcohol (at least one drink of alcohol, on at least 1 day during the 30 days before the survey) 46.2 49.0 40.9 41.4 37.4 33.3 33.2 32.3 27.0 Decreased, No quadratic change Decreased 2005-2021 QN42: Percentage of students who currently were binge drinking (had four or more drinks of alcohol in a row if they were female or five or more drinks of alcohol in a row if they were male, within a couple of hours, on at least 1 day during the 30 days before the survey) 18.4 17.9 14.6 Decreased, Not available<sup>¶</sup> Decreased 2016-2021

Maryland High School Survey

					Healt	th Risk	Behavi	or and	Percen	itages						Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2018-2021
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
QN46	Perce	ntage of	studen	ts who t	ried ma	rijuana	for the f	first tim	ne befor	e age 13	3 years							
							7.9	7.3	4.8	5.7	6.1	6.0	4.9	4.3	4.2	Decreased, 2005-2021	No quadratic change	No change
QN47	Perce	ntage of	studen	ts who o	currently	y used r	narijuan	a (one	or more	times o	during tl	ne 30 da	ıys befo	re the s	urvey)			
QN47	Perce	ntage of	studen	ts who o	currently	y used r	narijuan 20.8	a (one 16.8	or more 21.2		-	ne 30 da 18.8	iys befo 18.6	re the s	urvey) 15.2	Decreased, 2005-2021	No quadratic change	Decrease
QN49 than h	Percer	ntage of	f studen d them t	ts who e	ever too (counti heir life	k presci ng drug	20.8	16.8 Dain me	21.2 dicine v	23.4 without	19.7	18.8	18.6	18.7	15.2	,	No quadratic change	Decrease

#### Maryland High School Survey

Trend Analysis Report

White\* **Alcohol and Other Drug Use** Health Risk Behavior and Percentages Linear Change<sup>†</sup> Quadratic Change<sup>†</sup> Change from 2018-2021 § 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 2021 QN50: Percentage of students who ever used cocaine (any form of cocaine, including powder, crack, or freebase, one or more times during their life) No quadratic change 9.5 6.3 7.2 6.7 5.1 4.3 3.6 3.3 2.4 Decreased, Decreased 2005-2021 QN52: Percentage of students who ever used heroin (also called "smack," "junk," or "China White," one or more times during their life) 2.7 2.4 3.5 2.7 3.1 2.6 2.0 2.1 1.8 Decreased, No quadratic change No change 2005-2021 QN53: Percentage of students who ever used methamphetamines (also called "speed," "crystal meth," "crank," "ice," or "meth," one or more times during their life) 5.2 3.1 1.8 No quadratic change 4.4 3.1 3.3 2.7 2.3 2.1 Decreased. No change 2005-2021 QN54: Percentage of students who ever used ecstasy (also called "MDMA" or "Molly," one or more times during their life) 6.5 7.1 6.2 7.1 5.3 3.7 2.9 No quadratic change No change 6.7 3.4 Decreased, 2005-2021

\*Non-Hispanic.

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

<sup>§</sup>Based on t-test analysis, p < 0.05.

# Maryland High School Survey

Alcoh	ol and (	Other I	Orug Us	se	Heal	th Risk	Behav	ior and	Percen	itages						Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2018-2021 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
ON55	Percei	ntage of	f studen	ts who e	ever inj	ected ar	ny illega	l drug (	used a 1	needle to	o inject	any ille	gal drug	g into th	eir			
ody,	one or n	nore tin	nes duri	ng their	life)			U	, ,		5	5	0	5	•			
ody,	one or n	nore tin	nes duri	ng their	life)		2.0	1.5	2.6	3.0	2.4	2.2	2.1	2.5	1.6	No linear change	No quadratic change	Decreased
oody, QN56	one or n	ntage of	f studen	ng their	life)		2.0	1.5	2.6	3.0	2.4	2.2	2.1		1.6	No linear change	No quadratic change	Decreased

Maryland High School Survey

**Trend Analysis Report** 

White* Sexual Behav	viors															
			Healt	th Risk	Behavi	ior and	Percen	itages						Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2018-2021 §
1991 1993	1995 1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	-		
QN57: Percer	ntage of stude	nts who e	ever had	l sexual	interco	urse		:				:		+		
									36.8	30.3	30.9	30.4	25.3	Decreased, 2013-2021	Not available <sup>¶</sup>	Decreased
QN58: Percer	ntage of stude	nts who h	nad sexu	ual inter	course	for the	first tim	e befor	e age 13	years			•			
-	C								3.3	2.7	2.2	2.0	2.2	Decreased, 2013-2021	Not available	No change
QN59: Percer	ntage of stude	nts who h	nad sexu	al inter	course	with fo	ur or mo	ore pers	ons duri	ing their	r life					
									9.2	6.7	6.3	6.3	5.0	Decreased, 2013-2021	Not available	Decreased
	ntage of stude nonths before			rrently s	exually	active	(had see	xual int	ercourse	e with a	t least o	ne perso	on,			
									27.2	22.5	22.6	22.6	18.2	Decreased.		

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

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

#### Maryland High School Survey

Trend Analysis Report

White\* Sexual Behaviors Quadratic Change<sup>†</sup> Change from Health Risk Behavior and Percentages Linear Change<sup>†</sup> 2018-2021 § 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 2021 QN61: Percentage of students who drank alcohol or used drugs before last sexual intercourse (among students who were currently sexually active) 25.4 25.7 22.2 23.2 21.9 Decreased, Not available<sup>¶</sup> No change 2013-2021 QN62: Percentage of students who used a condom during last sexual intercourse (among students who were currently sexually active) 60.4 59.3 55.9 57.8 50.4 Decreased. Not available Decreased 2013-2021 QN82: Percentage of students who were ever tested for human immunodeficiency virus (HIV) (not counting tests done if they donated blood) 9.7 10.9 10.3 7.5 Decreased, Not available Decreased 2014-2021

Maryland High School Survey

Trend Analysis Report

White Weigh		agemen	t and D	ietary ]	Behavio	ors												
					Healt	h Risk	Behavi	or and	Percen	tages						Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2018-2021 <sup>§</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
QN66:	Percer	ntage of	student	s who c	lescribe	d thems	elves as	s slightl	y or vei	y overv	veight				:			
							29.2	29.0	28.4	26.7	27.0	26.1	26.7	26.9	26.6	Decreased, 2005-2021	No quadratic change	No change
					no were ence data							rcentile	for bod	y mass i	index,			
							14.0	12.4	14.4	12.5	12.3	12.8	12.8	12.9	12.8	No linear change	No quadratic change	No change
-			0		who hao 2000 CI	-			entile f	or body	mass in	ndex, ba	ised on	sex- and	1			
							11.3	9.8	7.6	9.1	9.1	9.2	10.1	9.7	11.9	No linear change		Increased

\*Non-Hispanic.

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

<sup>§</sup>Based on t-test analysis, p < 0.05.

<sup>1</sup>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** 

					Heal	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2018-2021
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
	: Percer the sur		studen	ts who c	did not o	drink fru	uit juice	(100%	fruit ju	ices one	or mor	e times	during	the 7 da	ys			
							18.4	20.5	19.0	19.0	25.2	29.3	33.9	38.0	38.9	Increased, 2005-2021	No quadratic change	No change
QN69	: Perce	ntage of	studen	ts who o	did not e	eat fruit	(one or	more ti	mes du	ring the	7 days	before t	the surv	ey)				
							11.2	13.9	11.4	8.8	11.2	12.0	12.3	12.0	13.1	No linear change	No quadratic change	No change
QNFR					o did no the sur	t eat fru vey)	it or dri	nk 1009	% fruit j	uices (s	such as o	orange j	uice, ap	ple juic	e, or			
grape	J																	

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

<sup>§</sup>Based on t-test analysis, p < 0.05.

# Maryland High School Survey

					Healt	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2018-2021 <sup>§</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
							ank 100 pefore th			ne or m	ore tim	es per d	ay (sucł	n as orai	nge			
							60.2	57.6	67.7	65.0	62.5	58.7	56.4	55.0	53.0	Decreased, 2005-2021		No change
-		0					ank 1009 before th			wo or m	ore tim	es per d	ay (sucl	n as ora	nge			
							30.3	28.7	36.0	35.8	31.6	28.1	26.8	26.3	23.0	Decreased, 2005-2021		Decreased
QN70	: Perce	ntage of	student	s who c	lid not e	eat gree	n salad (	(one or	more ti	mes dur	ring the	7 days	before tl	ne surve	ey)			

# Maryland High School Survey

					Healt	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>†</sup>	Quadratic Change <sup><math>\dagger</math></sup>	Change from 2018-2021
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
2N71	: Percer	ntage of	student	s who c	did not e	eat potat	oes (on	e or mo	ore time	s during	g the 7 d	ays bef	ore the	survey)				
							26.6	29.3	25.3	29.0	30.0	32.2	31.6	37.0	40.1	Increased, 2005-2021	Increased, 2005-2016 Increased, 2016-2021	Increased
QN72	: Percei	ntage of	student	s who c	did not e	eat carro	ots (one	or more	e times	during t	he 7 da	ys befor	e the su	irvey)				
							50.2	45.5	44.4	43.8	44.6	46.1	47.7	47.0	51.0	No linear change		Increased
N73 N73		ntage of	student	s who c	did not e	eat other	vegeta	bles (or	ne or mo	ore time	s during	g the 7 c	lays bef	ore the				
							9.6	13.5	12.9	11.6	12.8	14.1	14.8	14.3	15.3	Increased,	No quadratic change	No chang

# Maryland High School Survey

					Healt	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>†</sup>	Quadratic Change <sup><math>\dagger</math></sup>	Change from 2018-2021 <sup>§</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
							vegetabl es, durin						ench fr	es, fried	d			
							3.6	3.2	2.6	4.9	4.7	5.5	5.9	5.9	7.2	Increased, 2005-2021	No quadratic change	Increased
ONV							es one c or othe								ng			
	fries, fi	•												64.1	(1.1			
	fries, fr	•					65.3	65.3	68.4	68.7	68.3	65.5	64.1	64.1	61.1	Decreased, 2005-2021		Decreased
2NV		ercentag					65.3 es two c or othe	or more	times p	er day (	green s	alad, po	tatoes [	excludin		,		Decreased

# Maryland High School Survey

					Healt	h Risk	Behavio	or and	Percen	tages						Linear Change $^{\dagger}$	Quadratic Change <sup><math>\dagger</math></sup>	Change from 2018-2021
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
							es three or other								ing			
							13.5	11.1	13.5	14.3	13.1	12.9	11.7	11.2	9.8	No linear change	No quadratic change	Decrease
<b>DN7</b> 4	Percer						an, bott			soda or j fore the			oke, Pep	osi, or S	prite,			
		liet soda	i or diet	pop, or		ne time	, aanne											
		liet soda	i or diet	pop, or			, and the		21.2	23.7	29.0	28.9	31.4	33.5	31.7	Increased, 2009-2021	Increased, 2009-2016 No change, 2016-2021	No chang
not co	Unting of DDA1: 1	Percenta	ige of st	udents	who dra	unk a ca	n, bottle liet pop,	, or gla	21.2 ss of so	da or po	op one c	or more				,		No chang

# Maryland High School Survey

					Healt	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2018-2021
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
	DDA2: 1 ke, Peps												times p	er day (	such			
									13.7	17.5	11.4	10.3	8.6	7.4	6.7	Decreased, 2009-2021	No quadratic change	No chang
N76	: Percei	ntage of	student	s who c	lid not e	eat brea	kfast (dı	uring th	e 7 days	before	the sur	vey)						
														15.4	21.1	Increased, 2018-2021	Not available <sup>¶</sup>	Increased
																2010-2021		
QNBI	K7DAY:	Perce	ntage of	studen	ts who a	ate brea	kfast on	all 7 da	ıys (dur	ing the	7 days t	efore th	ne surve	ey)				

# Maryland High School Survey

White Physic	* cal Acti	vity															
					Healt	th Risk	Behavior an	d Percei	ntages						Linear Change $^{\dagger}$	Quadratic Change $^{\dagger}$	Change from 2018-2021 <sup>§</sup>
1991	1993	1995	1997	1999	2001	2003	2005 200	7 2009	2011	2013	2014	2016	2018	2021	-		
of phy		tivity th					active at leas 1 made them										
									47.6	47.4	43.3	42.1	45.1	47.0	No linear change	Decreased, 2011-2016 Increased, 2016-2021	No change
day (ir	n any ki	nd of pl		activity			articipate in heir heart rate										
									10.2	13.2	14.7	15.7	14.6	13.3	Increased, 2011-2021	Increased, 2011-2016 Decreased, 2016-2021	No change
kind o		al activ					sically activite and made										
									25.1	25.3	22.7	21.5	23.7	24.2	No linear change	Decreased, 2011-2016 Increased, 2016-2021	No change

#### Maryland High School Survey

Trend Analysis Report

White\* **Physical Activity** Health Risk Behavior and Percentages Linear Change<sup>†</sup> Quadratic Change<sup>†</sup> Change from 2018-2021 § 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 2021 QN79: Percentage of students who attended physical education (PE) classes on 1 or more days (in an average week when they were in school) 36.2 33.7 No linear change No quadratic change 38.4 39.9 39.8 32.5 36.1 36.3 34.9 No change ONDLYPE: Percentage of students who attended physical education (PE) classes on all 5 days (in an average week when they were in school) No linear change 20.9 16.3 25.3 23.1 20.1 17.7 16.4 16.3 15.9 No quadratic change No change QN81: Percentage of students who had a concussion from playing a sport or being physically active (one or more times during the 12 months before the survey) 15.1 14.4 11.9 Decreased, Not available<sup>¶</sup> Decreased 2016-2021

# Maryland High School Survey

		Health Risk Behavior and Percentages         Linea           1995         1997         1999         2001         2003         2005         2007         2009         2011         2013         2016         2018         2021											Linear Change <sup>†</sup>	Quadratic Change $^{\dagger}$	Change from 2018-2021 <sup>§</sup>			
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
					saw a de	entist (fo	or a che	ck-up,	exam, te	eth clea	aning, or	other d	lental w	ork, du	ring			
			student the surv		aw a de	entist (fe	or a che	ck-up,	exam, te	eth clea	aning, or	other d	lental w 84.2		ring 81.1	Decreased, 2014-2021	Not available <sup>¶</sup>	Decreased
ne 12 m	onths	before	the surv	vey)					-		aning, or m, teeth	83.2	84.2	84.5	81.1	,	Not available <sup>¶</sup>	Decreased

#### Maryland High School Survey

Trend Analysis Report

White\* Site-Added Health Risk Behavior and Percentages Linear Change<sup>†</sup> Quadratic Change<sup>†</sup> Change from 2018-2021 § 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 2021 QN87: Percentage of students who usually did not sleep in their parent's or guardian's home (during the 30 days before the survey) 1.5 2.8 Increased, Not available<sup>¶</sup> Increased 2018-2021 QN88: Percentage of students who are transgender 2.2 1.3 4.0 Not available Increased, Increased 2016-2021 QN89: Percentage of students who talked on a cell phone while driving (on at least 1 day during the 30 days before the survey, among students who drove a car or other vehicle) 32.1 35.4 36.9 Not available No change Increased, 2016-2021 QN90: Percentage of students who usually obtained their own cigarettes by buying them in a store or gas station (during the 30 days before the survey among students who smoked cigarettes during the 30 days before the survey and who were aged <18 years) 12.8 18.5 No linear change Not available No change

<sup>\*</sup>Non-Hispanic.

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

<sup>§</sup>Based on t-test analysis, p < 0.05.

Not enough years of data to calculate.

# Maryland High School Survey

**Trend Analysis Report** 

White Site-A																		
					Heal	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>†</sup>	Quadratic Change <sup><math>\dagger</math></sup>	Change from 2018-2021 <sup>§</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	-		
						neone re ys befor			n cigare	ettes bec	cause of	their a	ge (amo	ng stud	ents			
											25.3	30.1	26.7	22.5	32.4	No linear change	Not available <sup>¶</sup>	Increased
						use a kir d an ele				an toba	icco flav	or with	an elec	tronic v	apor			
												95.2	97.4	96.9	95.7	No linear change	Not available	No change
QN94: them	Percei	ntage of	studen	ts who ı	ised ele	ctronic-	vapor p	roducts	mainly	becaus	e a frier	nd or fai	nily me	mber u	sed			
														15.5	12.3	Decreased, 2018-2021	Not available	Decreased

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

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

#### Maryland High School Survey

Trend Analysis Report

White\* Site-Added Quadratic Change<sup>†</sup> Change from Health Risk Behavior and Percentages Linear Change<sup>†</sup> 2018-2021 § 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 2021 QN95: Percentage of students who have ever used an electronic vapor product to smoke marijuana, THC or hash oil, or THC wax 9.5 17.5 17.0 Not available<sup>¶</sup> No change Increased, 2016-2021 QN96: Percentage of students who used flavored tobacco products (flavored cigars, cigarillos, or little cigars, flavored smokeless tobacco products, or both, not counting menthol cigarettes, during the 30 days before the survey) 13.6 13.0 7.7 5.5 2.3 Decreased, Not available Decreased 2013-2021 QN97: Percentage of students who smoked tobacco in a hookah, narghile, or other type of waterpipe (on at least 1 day during the 30 days before the survey) 3.7 2.7 1.5 Decreased. Not available Decreased 2016-2021

#### Maryland High School Survey

Trend Analysis Report

White\* Site-Added Quadratic Change<sup>†</sup> Change from Health Risk Behavior and Percentages Linear Change<sup>†</sup> 2018-2021 § 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 2021 QN98: Percentage of students who tried or used tobacco products for the first time (during the 12 months before the survey) 12.8 8.8 9.7 3.8 Decreased, Not available<sup>¶</sup> Decreased 2014-2021 QN99: Percentage of students who completely quit using all tobacco products (during the 12 months before the survey, among students who used tobacco products during the 12 months before the survey) 35.3 34.5 34.2 8.7 21.2 Decreased, Not available Increased 2013-2021 QN100: Percentage of students who live with someone who now smokes cigarettes or cigars 37.5 36.0 31.2 28.3 27.8 Not available No change Decreased, 2013-2021

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

# Maryland High School Survey

White Site-A																		
					Heal	th Risk	Behavi	or and	Percent	tages						Linear Change $^{\dagger}$	Quadratic Change <sup>†</sup>	Change from 2018-2021 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
						the rule ecks, ga			inside t es)	heir hoi	me is th	at smol	ting is n	ot allov	ved			
													83.2	84.4	82.6	No linear change	Not available <sup>¶</sup>	Decreased
			of stude ore the s		were ir	n the sar	ne roon	n with so	omeone	who w	as smol	ting (on	at least	one da	у			
													29.1	27.9	26.9	Decreased, 2016-2021	Not available	No change
one of	their st	ate's lot	ttery gai	mes, gai	mbled o		ternet, o	or bet or	nbled w n a game									
														20.3	15.1	Decreased, 2018-2021	Not available	Decreased

# Maryland High School Survey

Trend Analysis Report

White Site-A																		
					Heal	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2018-2021 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
											imes wo e survey		nat their	food m	ioney			
														13.9	10.1	Decreased, 2018-2021	Not available <sup>¶</sup>	Decreased
									nes the f the surv		eir famil	y boug	ht did n	ot last a	nd			
														10.1	7.7	Decreased, 2018-2021	Not available	Decreased
QN110 school		entage o	of stude	nts who	were ta	ught in	their cla	asses at	out the	dangers	s of toba	ecco use	e (durin	g the la	st			
											69.7	64.1	62.5	60.7	53.3	Decreased, 2013-2021	Not available	Decreased

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

# Maryland High School Survey

Trend Analysis Report

White Site-A																		
					Healt	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>†</sup>	Quadratic Change <sup><math>\dagger</math></sup>	Change from 2018-2021 <sup>§</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
QN117 friends		entage o	of studer	nts who	say def	initely	yes or pi	robably	yes tha	t young	g people	who sn	noke ha	ve more	9			
											26.9	24.5	25.6	32.7	32.8	Increased, 2013-2021	Not available¶	No change
QN118 ït in	B: Perc	entage o	of studer	nts who	say def	initely	yes or pi	robably	yes tha	t smoki	ing mak	es youn	g peopl	e look c	cool or			
											16.7	15.1	16.8	22.8	18.9	Increased, 2013-2021	Not available	Decreased
							nfortable heir life		ng help	from or	ne or mo	ore adul	ts besid	es their				
							84.7	84.8	86.4	83.4	81.5	82.2	81.9	81.2	78.3	Decreased, 2005-2021	No quadratic change	Decreased

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

# Maryland High School Survey

	and V				Heal	th Risk	Behavi	or and	Percen	tages						Linear Change $^{\dagger}$	Quadratic Change <sup>†</sup>	Change from 2018-2021
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
	Percent imes du						r who h	ad been	drinkir	ig alcoh	ol (in a	car or o	other vel	hicle, oi	ne or			
							24.4	26.0	23.9	28.7	20.3	16.4	13.5	14.8	12.7	Decreased, 2005-2021	No quadratic change	Decreased
	during t	he 30 da					ther veh students											
before	une sui																	
	the sur										6.2	4.2	4.2	2.6	2.6	Decreased, 2013-2021	Not available <sup>¶</sup>	No change
pefore QN11	: Percei	0					ed while driven		0		vehicle	e (on at	least 1 d	lay duri	ng the	,	Not available <sup>¶</sup>	No change

#### Maryland High School Survey

Trend Analysis Report

Black\* **Injury and Violence** Health Risk Behavior and Percentages Linear Change<sup>†</sup> Quadratic Change<sup>†</sup> Change from 2018-2021 § 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 2021 QN12: Percentage of students who carried a weapon on school property (such as a gun, knife, or club, on at least 1 day during the 30 days before the survey) 5.1 4.0 No quadratic change 8.6 6.7 4.1 5.7 4.5 8.5 7.1 Decreased, Decreased 2005-2021 QN13: Percentage of students who carried a gun (not counting the days when they carried a gun only for hunting or for a sport such as target shooting, on at least 1 day during the 12 months before the survey) 5.7 5.3 3.5 Decreased, Not available<sup>¶</sup> Decreased 2016-2021 QN14: Percentage of students who did not go to school because they felt unsafe at school or on their way to or from school (on at least 1 day during the 30 days before the survey) 9.3 9.3 No linear change Not available No change

# Maryland High School Survey

**Trend Analysis Report** 

					Healt	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2018-2021
1991 199	93	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
2N15: Per or club, one										oon on s	chool p	roperty	(such as	s a gun,	knife,			
							12.2	10.0	10.8	9.5	9.6	6.9	8.5	8.3	5.3	Decreased, 2005-2021	No quadratic change	Decrease
N17: Per nonths bef				s who v	vere in	a physic	cal fight	on scho	ool prop	erty (or	ne or mo	ore time	s during	g the 12				
							16.7	14.1	14.7	13.6	20.0	16.4	16.2	16.8	8.0	No linear change		Decrease

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

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

#### Maryland High School Survey

Trend Analysis Report

Black\* **Injury and Violence** Health Risk Behavior and Percentages Linear Change<sup>†</sup> Quadratic Change<sup>†</sup> Change from 2018-2021 § 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 2021 QN23: Percentage of students who were bullied on school property (ever during the 12 months before the survey) 15.2 14.4 15.3 13.1 14.2 13.5 10.7 No quadratic change Decreased, Decreased 2009-2021 QN24: Percentage of students who were electronically bullied (counting being bullied through texting, Instagram, Facebook, or other social media, ever during the 12 months before the survey) 10.7 10.1 9.7 10.4 10.3 10.7 No linear change No quadratic change No change QN25: Percentage of students who felt sad or hopeless (almost every day for >=2 weeks in a row so that they stopped doing some usual activities, ever during the 12 months before the survey) 30.1 23.0 26.7 23.8 27.4 24.7 28.3 31.0 38.7 No change, 2005-2014 Increased Increased, Increased, 2014-2021 2005-2021

# Maryland High School Survey

					Heal	th Risk	Behavi	or and	Percer	itages						Linear Change $^{\dagger}$	Quadratic Change <sup>†</sup>	Change from 2018-2021 <sup>§</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
DN26	Percer	ntage of	student	ts who s	seriously	v consid	lered at	emptin	a suicid	la (durir		2	1.0	.1		1		
<b>C</b>							und und	empun	g suicio	ie (duin	ng the L	2 month	s before	e the sur	vey)			
<u> </u>						y consid	13.8	10.3	15.5		15.6	2 month 13.7	16.1	17.8	20.9	Increased, 2005-2021	No quadratic change	Increased
-	Percer	ntage of	student				13.8	10.3	15.5	15.3	-	13.7	16.1	17.8	20.9	· · ·	No quadratic change	Increased

# Maryland High School Survey

**Trend Analysis Report** 

Black\* Tobacco Use

					Healt	th Risk	Behavi	ior and	Percen	tages						Linear Change $^{\dagger}$	Quadratic Change <sup>†</sup>	Change from 2018-2021 <sup>§</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
QN31:	Percer	ntage of	studen	ts who f	first trie	d cigare	tte smo	king be	fore age	e 13 yea	rs (ever	n one or	two pu	ffs)				
														9.1	6.4	Decreased, 2018-2021	Not available <sup>¶</sup>	Decreased
QN32: survey		ntage of	studen	ts who c	currently	y smoke	ed cigar	ettes (or	n at leas	t 1 day	during	the 30 d	ays bef	ore the				
							9.0	12.9	6.2	6.9	8.1	5.1	5.7	3.3	1.4	Decreased, 2005-2021	Decreased, 2005-2016 Decreased, 2016-2021	Decreased
		ercenta e surve		udents v	who cur	rently si	moked o	cigarette	es frequ	ently (o	on 20 or	more d	ays duri	ng the 3	30			
							3.2	5.0	1.2	1.6	1.6	0.9	0.8	0.4	0.2	Decreased, 2005-2021	No quadratic change	No change
QNDA the sur		Percer	ntage of	student	s who c	urrently	smoke	d cigare	ettes dai	ly (on a	ıll 30 da	ys durii	ng the 3	0 days t	oefore			
							2.9	3.7	1.0	1.0	1.1	0.7	0.5	0.2	0.2	Decreased, 2005-2021	No quadratic change	No change

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

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

# Maryland High School Survey

Black Tobac	<sup>*</sup> co Use							-								••• •	• • • • •	
					Healt	th Risk	Behavio	or and	Percen	tages						Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2018-2021 <sup>§</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
							ctronic y s JUUL,						vapes,	vape pe	ens,			
												35.1	33.4	32.9	28.7	Decreased, 2014-2021	Not available <sup>¶</sup>	Decreased
ens, e		e-hook	ahs, ho	okah pe	ns, and		n electro such as J											
												15.7	9.1	13.4	10.1	Decreased, 2014-2021	Not available	Decreased
-	EVP: F the 30 d		0			rently u	sed elec	etronic	vapor p	roducts	frequen	tly (on	20 or m	ore day	s			
												1.1	0.8	1.5	1.5	Increased, 2014-2021	Not available	No change

# Maryland High School Survey

Black <sup>a</sup> Tobac	* co Use																	
					Heal	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2018-2021 <sup>§</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	-		
	YEVP efore th			fstuden	ts who o	currently	y used e	lectron	ic vapor	produc	cts daily	(on all	30 days	during	the 30			
												0.8	0.6	1.1	1.0	No linear change	Not available <sup>¶</sup>	No change
				ents who survey		itly smo	ked ciga	arettes	or used	electror	nic vapo	r produ	cts (on	at least	1 day			
												16.5	11.1	13.9	10.2	Decreased, 2014-2021	Not available	Decreased
dissolv	able to	bacco p	roducts	[such a	s Coper		Grizzly	, Skoal		•	bacco, s], not c		· ·		vapor			
													5.0	4.2	2.3	Decreased, 2016-2021	Not available	Decreased

# Maryland High School Survey

**Trend Analysis Report** 

Black <sup>:</sup> Tobac	* co Use																	
					Heal	th Risk	Behavi	ior and	Percen	tages						Linear Change $^{\dagger}$	Quadratic Change <sup><math>\dagger</math></sup>	Change from 2018-2021 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	-		
snus, c	or dissol	vable to	obacco	products	s [such	as Cope	nhagen	, Grizzl	tobacco y, Skoal pefore th	l, or Ĉa	amel Sn				dip,	,		
													0.5	0.4	0.4	No linear change	Not available <sup>¶</sup>	No change
or diss	olvable	tobacco	o produ	cts [suc]	h as Coj	penhage		zly, Sko	ess tobac oal, or C ⁄)							No linear change	Not available	No chang
	-	-	:	-	1	-	:	-	-	-		-	-	-	-			
	Percer days be				currentl	y smoke	ed cigar	s (cigar	s, cigari	llos, or	little ci	gars, on	at least	1 day c	luring			
							7.3	8.7	12.6	11.9	12.5	10.0	8.6	5.4	2.8	Decreased, 2005-2021		Decreased

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

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

# Maryland High School Survey

Trend Analysis Report

	co Use								-								• • • • •	
	Health Risk Behavior and Percentages														Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2018-2021 <sup>§</sup>	
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
						ntly smo 30 days				s or use	d smoke	eless tob	Dacco of	electro	nic			
													14.1	15.6	11.4	Decreased, 2016-2021	Not available <sup>¶</sup>	Decreased
			-															
			age of s the 30 d			urrently survey)	smoked	l cigars	frequen	tly (ciga	ars, ciga	rillos, o	r little c	igars, o	n 20			
							smoked 0.8	l cigars 0.3	frequen 1.5	tly (ciga 1.2	ars, ciga 1.9	rillos, o 1.5	r little c	igars, o 0.7	n 20 0.6	No linear change		No change
or mo	re days 32: Perc	during t	the 30 d	ays befo	ore the		0.8	0.3	1.5	1.2	1.9	1.5	1.0	0.7	0.6	No linear change		No change
or mo	re days 32: Perc	during t	the 30 d	ays befo	ore the	survey)	0.8	0.3	1.5 or cigar	1.2	1.9 least 1	1.5	1.0	0.7	0.6	No linear change Decreased, 2005-2021	No change, 2005-2016 Decreased, 2016-2021	No change Decreased
QNTI QNTI the su	re days ( 32: Pero rvey)	during t centage	of stude	ays before the second s	o curren	survey)	0.8 oked cig 12.5	0.3 garettes 15.1	1.5 or cigar 13.1	1.2 s (on at 11.4	1.9 least 1 13.5	1.5 day duri 10.3	1.0 ing the 3 10.8	0.7 30 days 6.5	0.6 before 3.2	Decreased,		

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

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

# Maryland High School Survey

Trend Analysis Report

	Health Risk Behavior and Percentages														Linear Change $^{\dagger}$	Quadratic Change $^{\dagger}$	Change from 2018-2021 §	
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
2N40	: Perce	ntage of	studen	ts who l	nad their	r first dr	ink of a	lcohol	before a	ige 13 y	ears (ot	her thar	a few s	sips)	:			
							26.2	21.4	30.0	25.2	20.9	17.3	15.9	17.7	14.4	Decreased, 2005-2021	No quadratic change	Decreased
		ntage of e the su		ts who c	currently	y drank	alcohol	(at leas	t one di	rink of a	alcohol,	on at le	ast 1 da	y durin	g the			
							31.1	31.8	31.2	28.5	25.2	18.1	17.8	16.7	12.6	Decreased, 2005-2021	No quadratic change	Decreased
	: Perce					y were b						s of alc						
were f		days be				// III u IC	, w ii uic	.,	,		1				-			

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

Maryland High School Survey

<b>1997</b> f students	1999	2001	2003	2005	••••			Health Risk Behavior and Percentages												
f students				2003	2007	2009	2011	2013	2014	2016	2018	2021								
	s who tr	ried mar	rijuana l	for the f	first tim	e before	e age 13	years			:									
				9.7	10.0	11.1	11.1	11.0	9.4	9.0	8.3	6.1	Decreased, 2005-2021		Decreased					
f students	who c	urrently	v used m	narijuan	a (one	or more	times d	luring th	ne 30 da	iys befo	re the su	urvey)								
				15.7	22.1	23.0	23.7	21.0	19.2	18.9	17.9	15.9	No linear change		No change					
1	f students d them to	f students who e d them to use it	f students who ever tool d them to use it (counti	f students who ever took prescr	f students who currently used marijuan 15.7 f students who ever took prescription p d them to use it (counting drugs such a	f students who currently used marijuana (one 15.7 22.1 f students who ever took prescription pain me d them to use it (counting drugs such as codei	f students who currently used marijuana (one or more 15.7 22.1 23.0 f students who ever took prescription pain medicine w d them to use it (counting drugs such as codeine, Vic	f students who currently used marijuana (one or more times of 15.7 22.1 23.0 23.7 f students who ever took prescription pain medicine without a d them to use it (counting drugs such as codeine, Vicodin, O	f students who currently used marijuana (one or more times during the 15.7 22.1 23.0 23.7 21.0 f students who ever took prescription pain medicine without a doctor d them to use it (counting drugs such as codeine, Vicodin, OxyConti	f students who currently used marijuana (one or more times during the 30 da 15.7 22.1 23.0 23.7 21.0 19.2 f students who ever took prescription pain medicine without a doctor's presc d them to use it (counting drugs such as codeine, Vicodin, OxyContin, Hydr	f students who currently used marijuana (one or more times during the 30 days before 15.7 22.1 23.0 23.7 21.0 19.2 18.9 F students who ever took prescription pain medicine without a doctor's prescription of them to use it (counting drugs such as codeine, Vicodin, OxyContin, Hydrocodon	f students who currently used marijuana (one or more times during the 30 days before the statistic students who ever took prescription pain medicine without a doctor's prescription or different d them to use it (counting drugs such as codeine, Vicodin, OxyContin, Hydrocodone, and	f students who currently used marijuana (one or more times during the 30 days before the survey) 15.7 22.1 23.0 23.7 21.0 19.2 18.9 17.9 15.9 F students who ever took prescription pain medicine without a doctor's prescription or differently d them to use it (counting drugs such as codeine, Vicodin, OxyContin, Hydrocodone, and	f students who currently used marijuana (one or more times during the 30 days before the survey)       15.7       22.1       23.0       23.7       21.0       19.2       18.9       17.9       15.9       No linear change         F students who ever took prescription pain medicine without a doctor's prescription or differently d them to use it (counting drugs such as codeine, Vicodin, OxyContin, Hydrocodone, and       2005-2021	f students who currently used marijuana (one or more times during the 30 days before the survey)       15.7       22.1       23.0       23.7       21.0       19.2       18.9       17.9       15.9       No linear change         F students who ever took prescription pain medicine without a doctor's prescription or differently d them to use it (counting drugs such as codeine, Vicodin, OxyContin, Hydrocodone, and       2005-2021					

# Maryland High School Survey

**Trend Analysis Report** 

					Heal	th Risk	Behavi	or and	Percen	ntages						Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2018-2021
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	-		
	: Percer re times				ever use	d cocai	ne (any	form o	f cocain	e, inclu	ding po	wder, ci	ack, or	freebase	e, one			
							2.9	2.7	4.4	3.6	5.6	4.4	5.4	4.7	2.3	No linear change	Increased, 2005-2016 Decreased, 2016-2021	Decreased
ON52	: Perce		fstuden	ts who	ever use	d heroii	n (also c	alled "	smack,"	' "junk,"	' or "Ch	ina Whi	te," one	or mor	e			
	during t	heir life	e)															
		heir life	e)				2.0	1.6	4.0	4.1	5.1	4.1	5.0	4.5	2.4	Increased, 2005-2021	Increased, 2005-2016 Decreased, 2016-2021	Decreased
imes QN53	during t	ntage of	f studen		ever use their lif	ed metha						4.1	5.0	4.5	2.4	,	,	Decreased
imes QN53	during t	ntage of	f studen									4.1	5.0	4.5	2.4	,	,	Decreased
QN53 Or "m	during t : Percer eth," one : Percer	ntage of e or mo	f studen re times	during	their lif		ampheta 2.0	mines 1.9	(also ca 2.7	lled "sp 4.2	eed," "c 4.9	4.1 rystal m 4.0	5.0 neth," "c 5.0	4.5 erank," " 4.3	2.4 <sup>1</sup> ice," 2.1	2005-2021	Decreased, 2016-2021 Increased, 2005-2016	_

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

<sup>§</sup>Based on t-test analysis, p < 0.05.

# Maryland High School Survey

Black Alcoh	* ol and (	Other I	Drug Us	e	Heal	th Risk	Behavi	ior and	Percen	itages						Linear Change <sup>†</sup>	Quadratic Change $^{\dagger}$	Change from 2018-2021 <sup>§</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	-		
	: Percei one or r					ected an	y illega 1.3	l drug ( 1.7	used a 1 2.5	needle to 3.9	o inject 4.4	any ille 4.0	gal drug 4.5	g into the 5.4	eir 2.4	Increased, 2005-2021	Increased, 2005-2016 Decreased, 2016-2021	Decreased
	: Percents before			s who v	were of	fered, so	old, or g 22.2	iven an 22.8	illegal 29.3	drug on 31.4	school 29.9	propert	y (durin 23.3	ng the 12 22.6	18.7	No linear change		Decreased

Maryland High School Survey

**Trend Analysis Report** 

Black* Sexual Bel	ehaviors			Heal	th Risk	Behavi	or and	Percen	ntages						Linear Change $^{\dagger}$	Quadratic Change <sup>†</sup>	Change from
1991 199	93 1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	-		2018-2021 \$
QN57: Pe	ercentage o	f studen	ts who e	ever had	l sexual	interco	urse			46.0	37.4	35.9	35.8	25.6	Decreased, 2013-2021	Not available¶	Decreased
QN58: Pe	ercentage c	f studen	ts who l	had sexu	ual inter	rcourse	for the f	first tim	e before	e age 13 10.6	years 7.9	6.5	6.2	3.8	Decreased, 2013-2021	Not available	Decreased
QN59: Per	ercentage o	of studen	ts who l	had sexu	ual inter	rcourse	with fou	ur or mo	ore pers	ons dur 17.0	ing their 11.3	r life 9.8	8.7	5.0	Decreased, 2013-2021	Not available	Decreased
QN60: Per during the					rrently	sexually	active	(had se	xual int	ercourse 29.7	e with a 24.8	t least o 23.6	ne perso 23.1	on, 15.7	Decreased, 2013-2021	Not available	Decreased

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

<sup>8</sup>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	Behavi	or and	Percen	tages						Linear Change <sup>†</sup>	Quadratic Change $^{\dagger}$	Change from 2018-2021 <sup>§</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
			studen ly activ		drank al	cohol o	r used d	rugs be	fore last	t sexual	interco	urse (an	nong stu	idents w	/ho			
											20.0	18.7	17.3	17.0	19.4	No linear change	Not available <sup>¶</sup>	No change
	Percer ly activ		studen	ts who ı	used a c	ondom	during l	ast sexu	ual inter	course	(among				-			
											64.1	66.1	58.1	54.4	45.5	Decreased, 2013-2021	Not available	Decreased
	Percent f they d			ts who v	were eve	er testec	l for hui	nan imi	munode	ficiency	virus (	HIV) (r	ot coun	ting tes	ts			

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

Maryland High School Survey

Trend Analysis Report

Black <sup>*</sup> Weigh		agemen	t and D	ietary ]	Behavio	ors												
					Healt	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2018-2021 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	-		
QN66:	Percer	ntage of	student	ts who c	lescribe	d thems	selves as	s slightl	y or vei	ry overv	veight	:		:	:			
							24.2	24.6	25.5	25.5	25.4	23.8	25.8	25.7	27.6	No linear change	No quadratic change	No change
-		0	e of stud s-specifi				0	1				rcentile	for bod	y mass :	index,			
							19.7	19.5	16.5	19.7	17.7	16.7	17.4	18.0	17.0	No linear change	No quadratic change	No change
			age of st e data fre						entile f	or body	mass ii	ndex, ba	sed on	sex- and	1			
							15.4	17.4	15.1	15.6	13.5	14.4	16.6	16.4	19.7	No linear change		Increased

\*Non-Hispanic.

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

<sup>§</sup>Based on t-test analysis, p < 0.05.

<sup>1</sup>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

Black\* Weight Management and Dietary Behaviors Health Risk Behavior and Percentages Linear Change<sup>†</sup> Quadratic Change<sup>†</sup> Change from 2018-2021 § 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 2021 QN68: Percentage of students who did not drink fruit juice (100% fruit juices one or more times during the 7 days before the survey) 16.1 15.0 18.8 21.6 24.1 27.1 29.1 26.1 No quadratic change 16.9 Increased, Decreased 2005-2021 QN69: Percentage of students who did not eat fruit (one or more times during the 7 days before the survey) 23.7 25.1 19.0 21.3 21.8 22.1 22.7 22.1 24.2 No linear change Increased QNFR0: Percentage of students who did not eat fruit or drink 100% fruit juices (such as orange juice, apple juice, or grape juice, during the 7 days before the survey) 8.6 9.4 10.6 10.7 10.0 7.6 6.6 5.6 7.1 Increased. No quadratic change No change 2005-2021

\*Non-Hispanic.

<sup>†</sup>Based on trend 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	Behavi	or and	Percen	tages						Linear Change $^{\dagger}$	Quadratic Change <sup>†</sup>	Change from 2018-2021 <sup>§</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
							nk 1009 before th			ne or m	ore tim	es per d	ay (sucł	ı as oraı	nge			
							55.5	53.9	59.1	54.6	55.7	52.4	49.2	50.3	48.1	Decreased, 2005-2021	No quadratic change	No change
							unk 1009 before th			wo or m	ore tim	es per d	ay (sucl	1 as ora	nge			
							30.6	30.3	35.7	31.5	30.9	28.8	26.0	25.9	23.0	Decreased, 2005-2021		Decreased
QN70	Perce	ntage of	studen	s who c	lid not e	eat gree	n salad (	one or	more ti	mes dur	ring the	7 days l	before the	ne surve	ey)			

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

<sup>§</sup>Based on t-test analysis, p < 0.05.

# Maryland High School Survey

Black <sup>:</sup> Weigh		agemen	t and D	Dietary	Behavio	ors												
					Heal	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>†</sup>	Quadratic Change <sup><math>\dagger</math></sup>	Change from 2018-2021 <sup>§</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
QN71:	Perce	ntage of	f studen	ts who o	did not e	eat pota	toes (on	e or mo	ore time	s during	g the 7 d	ays bef	ore the	survey)				
							45.0	42.5	48.2	46.0	44.0	47.4	48.1	49.0	51.3	Increased, 2005-2021	No quadratic change	No change
QN72:	Perce	ntage of	studen	ts who o	did not e	eat carro	ots (one	or more	e times	during (	the 7 da	ys befor	e the su	irvey)				
							73.7	72.3	68.0	65.1	65.6	66.2	68.2	69.0	73.4	No linear change		Increased
QN73 survey		ntage of	studen	ts who o	did not e	eat othe	r vegeta	bles (or	ne or mo	ore time	es during	g the 7 d	lays bef	ore the	<u>.</u>			
							22.6	18.5	21.3	26.9	22.6	23.7	27.0	25.2	26.0	Increased, 2005-2021	No quadratic change	No change

# Maryland High School Survey

					Healt	th Risk	Behavi	or and	Percen	itages						Linear Change $^{\dagger}$	Quadratic Change <sup>†</sup>	Change from 2018-2021 <sup>§</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
							vegetables, durin						rench fr	ies, frie	d			
							9.0	8.3	10.0	10.6	10.4	11.9	12.9	12.9	13.3	Increased, 2005-2021	No quadratic change	No change
							es one c or othe								ng			
							47.7	48.6	51.6	50.4	51.4	49.1	46.3	45.7	42.3	Decreased, 2005-2021		Decreased
			e of stu	dents w	ho ate v	vegetabl	es two c	or more			(green s				ng			
							or other	r vegeta	ables, d	uring th	e 7 days	before	the sur	vey)				

# Maryland High School Survey

					Healt	th Risk	Behavi	or and	Percen	itages						Linear Change $^{\dagger}$	Quadratic Change <sup><math>\dagger</math></sup>	Change from 2018-2021
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
							les three , or othe								ling			
							11.7	10.9	10.8	13.2	12.4	11.6	9.7	10.2	8.3	Decreased, 2005-2021		Decreased
							can, bott es during						oke, Pej	osi, or S	prite,			
									23.0	21.5	26.6	28.1	30.4	34.6	35.1	Increased, 2009-2021	No quadratic change	No change
							ın, bottle diet pop							er day (	such			
is Col																		

# Maryland High School Survey

					Healt	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>†</sup>	Quadratic Change <sup><math>\dagger</math></sup>	Change from 2018-2021
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
											op two c ore the s		times p	er day (	such			
									14.8	17.7	13.6	13.0	10.3	9.1	7.0	Decreased, 2009-2021		Decreased
																2007 2021		
QN76	: Percei	ntage of	student	s who c	lid not e	eat brea	kfast (dı	uring th	e 7 days	s before	the surv	vey)						
QN76	Percei	ntage of	student	s who c	lid not e	eat brea	kfast (dı	uring th	e 7 days	s before	the surv	vey)		20.8	26.4	Increased, 2018-2021	Not available <sup>¶</sup>	Increased
-	<u>.</u>				<u>.</u>						the surv 7 days b		ne surve		26.4	Increased,	Not available <sup>¶</sup>	Increased

# Maryland High School Survey

Black* Physic	* al Acti	vity															
					Heal	th Risk	Behavior	and Per	rcentages						Linear Change $^{\dagger}$	Quadratic Change <sup>†</sup>	Change from 2018-2021 <sup>§</sup>
1991	1993	1995	1997	1999	2001	2003	2005 2	2007 20	09 201	1 2013	2014	2016	2018	2021	-		
of phys		tivity th					active at d made th										
	une sur	(0))							35.0	) 33.3	32.9	30.5	30.7	32.1	No linear change	No quadratic change	No change
day (in	any ki	nd of pl	nysical				oarticipate heir heart										
C				• *					20.3	23.5	24.7	27.4	27.6	23.7	Increased, 2011-2021	Increased, 2011-2016 Decreased, 2016-2021	Decreased
kind of		al activ					vsically ac te and ma										_
									17.3	3 18.2	18.1	16.1	17.2	17.2	No linear change	No quadratic change	No change

#### Maryland High School Survey

Trend Analysis Report

Black\* **Physical Activity** Health Risk Behavior and Percentages Linear Change<sup>†</sup> Quadratic Change<sup>†</sup> Change from 2018-2021 § 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 2021 QN79: Percentage of students who attended physical education (PE) classes on 1 or more days (in an average week when they were in school) 38.3 34.1 38.6 43.3 41.5 37.5 36.7 38.0 35.6 No linear change No quadratic change No change ONDLYPE: Percentage of students who attended physical education (PE) classes on all 5 days (in an average week when they were in school) 18.1 13.8 15.0 13.9 15.4 12.2 12.0 12.0 10.7 No linear change No quadratic change No change QN81: Percentage of students who had a concussion from playing a sport or being physically active (one or more times during the 12 months before the survey) 17.1 18.0 13.2 Decreased, Not available<sup>¶</sup> Decreased 2016-2021

# Maryland High School Survey

Black <sup>:</sup> Other					Heal	th Risk	Behavi	or and	Percen	itages						Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2018-2021 <sup>§</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	-		
			studen the surv		saw a de	entist (fo	or a che	ck-up, e	exam, te	eth clea	aning, o	r other of 69.7	dental w 69.7	ork, dui 68.3	ring 67.3	Decreased, 2014-2021	Not available <sup>¶</sup>	No change
QNNC work)	DNT:	Percent	tage of s	students	s who ne	ever saw	v a denti	st (for a	a check	-up, exa	am, teeth	cleanii 2.5	ng, or o 2.7	ther den 3.0	tal 2.0	No linear change	Not available	Decreased

#### Maryland High School Survey

Trend Analysis Report

Black\* Site-Added Health Risk Behavior and Percentages Linear Change<sup>†</sup> Quadratic Change<sup>†</sup> Change from 2018-2021 § 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 2021 QN87: Percentage of students who usually did not sleep in their parent's or guardian's home (during the 30 days before the survey) 2.7 4.3 Increased, Not available<sup>¶</sup> Increased 2018-2021 QN88: Percentage of students who are transgender 3.9 0.8 1.9 Decreased, Not available Increased 2016-2021 QN89: Percentage of students who talked on a cell phone while driving (on at least 1 day during the 30 days before the survey, among students who drove a car or other vehicle) 22.2 21.7 24.1 No linear change No change Not available QN90: Percentage of students who usually obtained their own cigarettes by buying them in a store or gas station (during the 30 days before the survey among students who smoked cigarettes during the 30 days before the survey and who were aged <18 years) 15.2 15.5 No linear change Not available No change

### Maryland High School Survey

**Trend Analysis Report** 

					Heal	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>†</sup>	Quadratic Change $^{\dagger}$	Change from 2018-2021 <sup>§</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
						eone re /s befor			n cigare	ettes bec	cause of	f their ag	ge (amo	ng stud	ents			
											33.3	36.4	35.7	30.2	43.2	Increased, 2013-2021	Not available <sup>¶</sup>	Increased
-		U			2	use a kii d an ele		0		nan toba	icco flav	vor with	an elec	tronic v	apor			
												91.9	94.0	93.7	94.4	Increased, 2014-2021	Not available	No change
QN94: them	Percei	ntage of	studen	ts who	used ele	ctronic-	vapor p	roducts	mainly	becaus	e a friei	nd or fai	nily me	mber us	sed			
														11.5	8.6	Decreased, 2018-2021	Not available	Decreased

Black\*

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

<sup>8</sup>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	Behavi	or and	Percent	tages						Linear Change <sup>†</sup>	Quadratic Change <sup><math>\dagger</math></sup>	Change from 2018-2021 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
QN95: or THC		ntage of	studen	ts who l	nave eve	er used a	an electr	onic va	apor pro	duct to s	moke 1	narijua	na, THO	C or has	h oil,			
													6.1	9.3	10.2	Increased, 2016-2021	Not available <sup>¶</sup>	No change
										ed cigar ng the 3					avored			
															avored	Decreased, 2013-2021	Not available	Decreased
smokel	ess tob Percer	acco pro	oducts,	or both,	not cou	inting m	nenthol o	cigarett	es, durii		0 days 1 12.9	9.4	he surv 6.2	ey) 3.2	1.6	,	Not available	Decreased

Black\*

### Maryland High School Survey

Black <sup>*</sup> Site-A																		
					Heal	th Risk	Behavi	or and	Percen	itages						Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2018-2021 <sup>§</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
QN98: survey		ntage of	studen	ts who t	ried or	used toł	oacco pr	oducts	for the	first tin	ne (durir	ig the 12	2 month	s befor	e the			
												8.8	6.3	3.8	2.6	Decreased, 2014-2021	Not available <sup>¶</sup>	Decreased
							using a during t						nths be	fore the				
											46.3	45.3	49.6	17.8	28.0	Decreased, 2013-2021	Not available	Increased
QN100	): Perce	entage o	of stude	nts who	live wi	th some	one who	o now s	smokes	cigarett	es or ci	gars						
											37.5	36.4	31.2	28.5	26.9	Decreased, 2013-2021	Not available	No change

### Maryland High School Survey

Black* Site-A																		
					Healt	th Risk	Behavi	or and	Percen	tages						Linear Change $^{\dagger}$	Quadratic Change <sup><math>\dagger</math></sup>	Change from 2018-2021 <sup>§</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
							about si rages, oi			heir ho	me is th	at smok	ing is n	ot allow	ved			
													77.3	78.1	77.5	No linear change	Not available <sup>¶</sup>	No change
<u>2N10</u>	). Dorce	ntaga	fstuder	nte who	were in	the cor	ne room	with o	maona	whow	as smok	ing (on	ot loost	one da				
			ore the s		were m	i tile sai		i wiui so	Jilleone	who w	as sinok	ing (on	at least	one ua	У			
													24.1	23.2	22.4	No linear change	Not available	No change
one of	their sta	ate's lot	tery gar	nes, gar	nbled o	n the In	sports te ternet, o re the su	or bet or										
														22.2	13.5	Decreased, 2018-2021	Not available	Decreased

# Maryland High School Survey

**Trend Analysis Report** 

Black <sup>:</sup> Site-A					Heal	th Risk	Behavi	or and	Percent	tages						Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2018-2021 <sup>§</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
									often or onths be				nat their	food m	oney			
														30.4	18.6	Decreased, 2018-2021	Not available <sup>¶</sup>	Decreased
									nes the f the surv		ir family	/ bougl	ht did no	ot last a	nd			
														24.8	15.9	Decreased, 2018-2021	Not available	Decreased
QN110 school		entage o	of stude	nts who	were ta	aught in	their cl	asses at	out the	dangers	of toba	cco use	e (durin	g the las	st			
											68.8	58.3	57.6	54.5	47.8	Decreased, 2013-2021	Not available	Decreased

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

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

# Maryland High School Survey

**Trend Analysis Report** 

Black Site-A					Healt	th Risk	Behavi	or and	Percen	tages						Linear Change $^{\dagger}$	Quadratic Change $^{\dagger}$	Change from 2018-2021 <sup>§</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
QN11 friend	7: Percos	entage o	of stude	nts who	say def	initely	yes or p	robably	yes tha	it young	g people	who sn	noke ha	ve more	2			
											55.8	52.8	51.9	50.7	53.0	No linear change	Not available <sup>¶</sup>	No change
QN11 fit in	8: Perce	entage o	of stude	nts who	say def	initely y	yes or p	robably	yes tha	it smok	ing mak	es youn	g peopl	e look c	cool or			
											33.4	27.9	28.2	29.3	22.8	Decreased, 2013-2021	Not available	Decreased
	0: Percos if they								ng help	from or	ne or mo	ore adul	ts besid	es their				
							86.8	88.4	81.6	77.5	75.3	76.6	74.7	74.6	69.5	Decreased, 2005-2021		Decreased

\*Non-Hispanic. \*Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05. <sup>8</sup>Based on t-test analysis, p < 0.05. Not enough years of data to calculate.

#### Maryland High School Survey

Trend Analysis Report

Hispanic **Injury and Violence** Health Risk Behavior and Percentages Linear Change\* **Quadratic Change<sup>\*</sup>** Change from 2018-2021 \* 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 2021 QN9: Percentage of students who rode with a driver who had been drinking alcohol (in a car or other vehicle, one or more times during the 30 days before the survey) 17.5 44.8 30.6 26.8 27.2 21.2 16.2 16.7 14.2 Decreased, No quadratic change No change 2005-2021 QN10: Percentage of students who drove a car or other vehicle when they had been drinking alcohol (one or more times during the 30 days before the survey, among students who had driven a car or other vehicle during the 30 days before the survey) Not available§ 14.2 11.4 8.4 6.1 5.1 Decreased. No change 2013-2021 QN11: Percentage of students who texted or e-mailed while driving a car or other vehicle (on at least 1 day during the 30 days before the survey, among students who had driven a car or other vehicle during the 30 days before the survey) 35.7 29.6 28.6 25.0 22.6 Decreased. Not available No change 2013-2021

\*Based on trend analyses using a logistic regression model controlling 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	Behavi	or and	Percen	itages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
			f student vs before			i weapo	n on sch	nool pro	operty (s	such as	a gun, k	cnife, or	club, o	n at leas	st 1			
							4.5	8.4	8.7	5.1	7.5	5.4	9.1	6.7	5.0	No linear change	No quadratic change	Decreased
			-	-					-	·			-	-				
							ot count during t						only for 7.8	t huntin 5.7	g or 4.2	Decreased, 2016-2021	Not available <sup>§</sup>	Decreased
for a sp	Percer	h as tar	get shoo	oting, or	n at leas	t 1 day go to scl		he 12 n cause th	nonths t	before t	he surve	ey)	7.8	5.7	4.2	,	Not available <sup>§</sup>	Decrea

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

#### Maryland High School Survey

Trend Analysis Report

Hispanic **Injury and Violence** Health Risk Behavior and Percentages Linear Change\* **Quadratic Change**<sup>\*</sup> Change from 2018-2021 \* 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 2021 QN15: Percentage of students who were threatened or injured with a weapon on school property (such as a gun, knife, or club, one or more times during the 12 months before the survey) 13.1 13.0 12.3 13.1 10.3 9.5 8.5 8.3 7.1 Decreased. No quadratic change No change 2005-2021 QN17: Percentage of students who were in a physical fight on school property (one or more times during the 12 months before the survey) 17.2 16.4 17.1 15.9 18.0 15.2 14.4 12.8 8.1 Decreased, No quadratic change Decreased 2005-2021 QN22: Percentage of students who experienced physical dating violence (being physically hurt on purpose by someone they were dating or going out with [counting such things as being hit, slammed into something, or injured with an object or weapon] one or more times during the 12 months before the survey, among students who dated or went out with someone during the 12 months before the survey) 14.9 13.8 11.3 13.7 12.1 No linear change Not available§ No change

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

#### Maryland High School Survey

Trend Analysis Report

Hispanic **Injury and Violence** Health Risk Behavior and Percentages Linear Change\* Quadratic Change\* **Change from** 2018-2021 \* 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 2021 1991 1993 1995 1997 1999 QN23: Percentage of students who were bullied on school property (ever during the 12 months before the survey) 20.5 19.1 18.1 16.2 12.7 Decreased, No quadratic change Decreased 24.4 19.7 2009-2021 QN24: Percentage of students who were electronically bullied (counting being bullied through texting, Instagram, Facebook, or other social media, ever during the 12 months before the survey) 10.8 14.5 16.2 14.1 12.9 12.0 No linear change Increased, 2011-2014 No change Decreased, 2014-2021 QN25: Percentage of students who felt sad or hopeless (almost every day for >=2 weeks in a row so that they stopped doing some usual activities, ever during the 12 months before the survey) 29.5 32.2 33.5 29.9 32.3 34.6 37.2 37.1 43.8 Increased, No quadratic change Increased 2005-2021

\*Based on trend 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

Hispa Injury	nic y and V	iolence																
					Heal	th Risk	Behavi	ior and	Percer	itages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
QN26	: Perce	ntage of	studen	ts who s	seriousl	y consid	lered at	temptin	g suicic	le (durir	ng the 1	2 month	ns befor	e the sur	vev)			
											U							
							17.0	16.8	20.7	14.4	18.9			17.3	20.9	No linear change	No quadratic change	Increased
QN27 the sur		ntage of	student	ts who	made a j	plan abo					18.9	20.0	19.6		20.9	No linear change	No quadratic change	Increased

Maryland High School Survey

**Trend Analysis Report** 

Hispai Tobac	nic co Use																	
					Heal	th Risk	Behavi	ior and	Percer	ntages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	-		
QN31:	Percer	ntage of	f studen	ts who f	first trie	d cigare	ette smo	king be	fore ag	e 13 yea	ars (eve	n one or	two pu	ffs)				
														9.4	7.7	No linear change	Not available <sup>§</sup>	No change
		ntage of	fstuden	ts who o	currently	y smoke	ed cigar	ettes (o	n at leas	st 1 day	during	the 30 d	ays befo	ore the		·		
		ntage of	f studen	ts who o	currently	y smoke	ed cigar 20.1	ettes (o 21.4	n at leas 13.8	st 1 day 12.2	during 15.4	the 30 d	ays befo	ore the 6.0	3.9	Decreased,	No quadratic change	Decreased
survey	)	_					20.1	21.4	13.8	12.2	15.4	10.2	10.2	6.0		Decreased, 2005-2021	No quadratic change	Decreased
survey QNFR	) CIG: F	_	ge of st				20.1	21.4	13.8	12.2	15.4		10.2	6.0		,	No quadratic change	Decreased
survey QNFR	) CIG: F	Percenta	ge of st				20.1	21.4	13.8	12.2	15.4	10.2	10.2	6.0		,	No quadratic change No quadratic change	Decreased No change
survey QNFR days b	) CIG: F efore th	Percenta le surve	ge of st y)	udents	who cur	rently s	20.1 moked 0 4.0	21.4 cigarett 5.9	13.8 es frequ 2.5	12.2 nently (0 3.5	15.4 on 20 or 4.3	10.2 more d	10.2 ays duri 2.7	6.0 ng the 3 1.4	30 0.9	2005-2021 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.

<sup>§</sup>Not enough years of data to calculate.

# Maryland High School Survey

Trend Analysis Report

-	nic co Use																	
					Healt	th Risk	Behavio	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021 *
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
							ctronic s JUUL,						vapes,	vape pe	ens,			
												43.9	40.3	40.7	36.5	Decreased, 2014-2021	Not available <sup>§</sup>	Decreased
ens, e	e-cigars,	e-hook		okah pe	ns, and		n electro such as J											
				•								22.7	14.7	19.8	15.4	Decreased, 2014-2021	Not available	Decreased
QNFR			age of st fore the			rently u	sed elec	etronic v	vapor p	roducts	frequen	tly (on	20 or m	ore day	s			

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

# Maryland High School Survey

**Trend Analysis Report** 

Todac	cco Use				Heal	th Risk	Behavi	ior and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	-		
-	AYEVP before th		0	fstuden	ts who	currentl	y used e	electron	ic vapoi	. produc	ts daily	(on all	30 days	s during	the 30			
												2.7	1.9	2.4	2.0	No linear change	Not available <sup>§</sup>	No change
						ntly smo	ked cig	arettes o	or used	electron	ic vapo	r produ	cts (on	at least	1 day			
during	g the 30	days be	fore the	survey	)							24.1	17.9	20.6	15.7	Decreased, 2014-2021	Not available	Decreased
dissolv	vable to	bacco p	roducts	[such a	s Cope	y used s nhagen, vs before	Grizzly	, Skoal,							vapor			
													7.2	4.7	3.9	Decreased, 2016-2021	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. <sup>§</sup>Not enough years of data to calculate.

Hispanic

# Maryland High School Survey

**Trend Analysis Report** 

	co Use				Heal	th Risk	Behav	ior and	l Percen	ntages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	-		
snus,	or dissol	vable to	obacco j	product	s [such	as Cope	nhager	, Grizz	s tobacco ly, Skoa before th	l, or Ĉa	mel Snu				lip,			
													1.6	0.9	1.0	No linear change	Not available <sup>§</sup>	No change
	solvable	tobacco		cts [suc	h as Co	penhage	en, Griz	zly, Sk	ess tobac oal, or C y)									
													1.3	0.6	07	No linear change	N. (	
													1.5	0.0	0.7	No miear change	Not available	No change
vapor QN38			f student e survey		currentl	y smoke	ed ciga	rs (ciga	rs, cigari	illos, or	little cig	gars, on				No mea 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. <sup>§</sup>Not enough years of data to calculate.

# Maryland High School Survey

**Trend Analysis Report** 

TODA	nic co Use				Heal	th Risk	Behavi	ior and	Percen	itages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	-		
				ents who day dur						s or use	d smok	eless tol	bacco o	r electro	nic			
													19.0	21.2	16.3	Decreased, 2016-2021	Not available <sup>§</sup>	Decreased
	CCD	Danaan			1				<u>c</u>	1 ( )								
							smoked	cigars	frequen	tly (ciga	ars, ciga	arillos, c	or little of	cigars, o	n 20			
				lays befo			o.4	1.9	1.5		ars, ciga 3.3	2.6	2.1	igars, o 1.3	n 20 0.8	No linear change		No change
or mo QNTH	re days	during	the 30 c		ore the s	survey)	0.4	1.9	1.5	2.4	3.3	2.6	2.1	1.3	0.8	No linear change		No change
or mo QNTH	re days	during	the 30 c	lays befo	ore the s	survey)	0.4	1.9	1.5 or cigar	2.4	3.3	2.6 day dur	2.1	1.3	0.8	No linear change Decreased, 2005-2021	No quadratic change	No change Decreased
OF MO ONTH he su	re days 32: Pero rvey)	during centage R: Perco	of stud	lays befo	ore the s	survey)	0.4 ked cig 24.5	1.9 arettes 29.3	1.5 or cigar 17.6	2.4 s (on at 16.5	3.3 least 1 18.2	2.6 day dur 13.3	2.1 ing the 13.8	1.3 30 days 9.5	0.8 before 5.2	Decreased,	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.

<sup>§</sup>Not enough years of data to calculate.

Maryland High School Survey

Trend Analysis Report

					Healt	th Risk ]	Behavi	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
2N40	Perce	ntage of	student	s who h	ad their	r first dr	ink of a	lcohol	before a	nge 13 y	ears (ot	her thar	a few s	sips)				
							30.3	32.2	26.3	29.4	24.3	22.2	19.3	16.5	14.7	Decreased, 2005-2021	No quadratic change	No change
	Percers s before	0		s who c	urrently	y drank a	alcohol	(at leas	t one di	rink of a	ilcohol,	on at le	ast 1 da	y during	g the			
							42.7	56.0	38.0	30.4	30.4	26.0	23.5	19.8	17.7	Decreased, 2005-2021	No quadratic change	No change
																2005-2021		
were f	emale o	r five o	r more c		f alcoho	y were b ol in a ro												

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

Maryland High School Survey

Hispar Alcoh		Other I	Drug Us	e														
	Health Risk Behavior and Percentages															Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
QN46:	Perce	ntage of	studen	ts who t	ried ma	irijuana	for the f	irst tim	e befor	e age 13	3 years							
							16.6	10.8	10.7	10.2	11.4	10.9	8.9	8.0	5.8	Decreased, 2005-2021	No quadratic change	Decreased
QN47:	Perce	ntage of	studen	ts who d	currently	y used n	narijuan	a (one	or more	times o	luring tl	ne 30 da	ıys befo	ore the s	urvey)			
							19.3	24.1	21.4	21.1	20.7	20.7	18.4	16.5	14.1	Decreased, 2005-2021	No quadratic change	No change
than he	ow a do		d them t	to use it	(counti	ing drug	ription p s such a								rently			
													16.2	16.6	15.2	No linear change	Not available <sup>§</sup>	No change

Maryland High School Survey

Trend Analysis Report

Hispanic Alcohol aı	nd Other	Drug U	se														
				Heal	th Risk	Behavi	ior and	l Percei	ntages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021 <sup>†</sup>
1991 19	93 1995	5 1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	-		
QN50: Pe or more tir				ever use	ed cocair	ne (any	form o	of cocair	ne, inclu	iding po	wder, ci	rack, or	freebas	e, one			
						10.1	12.7	7.3	6.4	11.2	9.1	8.2	6.8	3.6	Decreased, 2005-2021	No quadratic change	Decreased
QN52: Pe times durin			nts who	ever use	ed heroir	n (also c	called "	smack,	" "junk,	" or "Ch	ina Wh	ite," one	e or mor	e			
						4.0	4.3	4.3	5.9	8.3	6.7	6.1	4.7	2.9	No linear change	No quadratic change	Decreased
QN53: Pe or "meth,"						mpheta	amines	(also ca	alled "sp	beed," "c	rystal n	neth," "c	crank," '	'ice,"			
						4.1	5.9	6.6	5.5	8.6	6.6	6.7	4.8	2.7	No linear change	No quadratic change	Decreased
QN54: Pe their life)	ercentage	of stude	nts who	ever use	ed ecstas	y (also	called	"MDM	A" or "1	Molly,"	one or n	nore tim	nes durin	ng			
						0.4	8.2	6.8	6.7	12.7	9.1	7.7	6.4	2.8	No linear 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

Hispa Alcoh	anic 101 and (	Other I	Drug Us	e	Heal	th Risk	Behavi	or and	Percer	itages						Linear Change <sup>*</sup>	Quadratic Change*	Change from 2018-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	-		
	5: Percer one or r					ected an	y illega	l drug (	used a	needle to	o inject	any ille	gal drug	g into th	eir			
body,		nore un	ies duri	ig then	iiie)		4.0	5.6	4.8	5.7	6.8	5.2	5.0	5.0	2.9	No linear change	No quadratic change	Decreased
	6: Percer			s who v	were of	fered, so	old, or g	iven an	illegal	drug on	school	propert	y (durin	ng the 12	2			
	as hafars	e the sur	waw)															

Maryland High School Survey

Trend Analysis Report

Hispanic
<b>Sexual Behaviors</b>

	Health Risk Behavior and Percentages														Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021 <sup>†</sup>	
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
QN57:	Percei	ntage of	fstudent	ts who e	ever had	sexual	intercou	ırse			41.6	37.3	34.1	33.6	26.7	Decreased, 2013-2021	Not available <sup>§</sup>	Decreased
QN58:	Percer	ntage of	fstuden	ts who ł	nad sexu	al inter	course f	or the f	irst tim	e before	e age 13 9.8	years 6.8	5.7	5.1	3.5	Decreased, 2013-2021	Not available	Decreased
QN59:	Percer	ntage of	fstuden	ts who l	nad sexu	al inter	course v	vith fou	r or mo	ore perso	ons duri	ng their	life					
											15.5	10.7	8.9	8.9	6.2	Decreased, 2013-2021	Not available	Decreased
			f studen before th			rently s	exually	active	(had sex	kual inte	ercourse	with at	t least o	ne perso	on,			
											28.7	24.4	22.7	24.1	18.7	Decreased, 2013-2021	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.

<sup>§</sup>Not enough years of data to calculate.

Maryland High School Survey

Trend Analysis Report

					Heal	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	-		
	Percer urrently				drank al	cohol o	r used d	rugs be	fore las	t sexual	interco	urse (ar	nong stu	idents v	who			
											28.6	28.1	24.5	18.4	17.4	Decreased, 2013-2021	Not available <sup>§</sup>	No change
	Percer ly active		student	ts who ı	used a c	ondom	during l	ast sexu	ual inter	course (	(among	student	s who v	vere cur	rently			
											59.0	57.6	58.4	58.1	52.1	Decreased, 2013-2021	Not available	No change
	Percer f they do			ts who v	were ev	er testec	l for hu	man im	munode	ficiency	y virus (	HIV) (r	not cour	ting tes	sts			
												16.0	17.3	15.2	9.6	Decreased.	Not available	Decreased

Maryland High School Survey

Trend Analysis Report

Hispar Weigh		agemen	t and D	ietary l	Behavio	ors												
					Healt	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
QN66:	Percer	ntage of	student	s who c	lescribe	d thems	elves as	s slightl	y or ver	y overv	veight							
							32.0	32.9	32.8	26.8	31.0	33.4	32.8	32.8	34.9	No linear change	No quadratic change	No change
						overwe a from t						centile	for bod	y mass i	index,			
							17.4	12.9	16.7	15.3	18.7	19.5	17.6	20.4	18.6	No linear change	No quadratic change	No change
						d obesity DC grov			centile fo	or body	mass in	ıdex, ba	sed on s	sex- and	1			
							10.4	16.0	23.9	13.2	12.7	13.9	16.2	16.8	20.6	No linear change	No quadratic change	Increased

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

<sup>8</sup>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

Hispa Weigh		agemen	t and D	lietary	Behavio	ors												
					Healt	th Risk	Behavi	or and	Percen	itages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	-		
	Percent the sur		student	ts who o	lid not o	lrink fru	uit juice	(100%	fruit ju	ices one	e or mor	e times	during	the 7 da	iys			
							11.9	22.2	15.9	18.9	21.4	24.7	29.5	29.8	28.9	Increased, 2005-2021	No quadratic change	No change
QN69:	Perce	ntage of	student	ts who d	did not e	eat fruit	(one or	more ti	imes du	ring the	7 days	before t	the surv	ey)				
							12.0	16.3	15.3	12.3	15.8	15.9	16.0	14.8	14.4	No linear change	No quadratic change	No change
		centage uring the					it or dri	nk 1009	% fruit	juices (s	such as o	orange j	uice, ap	ple juic	e, or			_
							1.5	7.0	7.0	6.4	6.9	9.1	9.2	8.4	7.8	Increased, 2005-2021	Increased, 2005-2016 No change, 2016-2021	No change

Maryland High School Survey

					Healt	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
						it or dra 7 days b				one or m	ore time	es per d	ay (sucł	ı as orar	nge			
							59.7	46.7	66.7	61.4	62.5	57.7	53.5	54.4	52.2	No linear change	No quadratic change	No change
						it or dra 7 days b				wo or m	ore tim	es per d	ay (sucl	ı as orai	nge			
							35.8	32.2	35.3	36.6	34.1	29.7	26.1	28.5	25.6	Decreased,	No quadratic change	Decreased
																2005-2021		
QN70	: Perce	ntage of	student	s who c	lid not e	eat greer	n salad (	(one or	more ti	mes dur	ing the	7 days l	before th	ne surve	ey)	2005-2021		

Maryland High School Survey

Hispa Weigh		agemen	t and D	oietary (			Behavi	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	<b>Change from</b> 2018-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
QN71	: Perce	ntage of	studen	ts who d	did not o	eat pota	toes (on	e or mo	ore time	s during	g the 7 d	lays bef	ore the	survey)				
							35.8	42.5	30.8	41.8	36.5	40.4	41.1	41.5	41.4	No linear change	No quadratic change	No change
QN72:	: Perce	ntage of	studen	ts who d	did not o	eat carro	ots (one	or mor	e times	during	the 7 da	ys befoi	re the su	rvey)				
							50.1	54.7	52.8	51.7	48.6	51.3	52.0	51.7	55.6	No linear change	No quadratic change	Increased
QN73: survey		ntage of	studen	ts who o	did not o	eat othe	r vegeta	bles (or	ne or me	ore time	es during	g the 7 c	lays bef	ore the				
							15.3	19.8	28.5	23.6	21.5	23.1	24.4	21.2	20.4	No linear change	No quadratic change	No change

Maryland High School Survey

					Heal	th Risk	Behav	ior and	l Percei	ntages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
											es [excl e survey		rench fr	ies, frie	d			
							7.0	9.4	7.8	8.0	9.5	10.8	11.5	10.2	9.8	No linear change	No quadratic change	No change
																-	· ·	
)NVF	G1: P	rcentad	re of stu	dente w	ho ate x	vegetabl	les one	or mor	- times 1	per dav	(green s	alad no		evoludi	ng			
											(green s ne 7 days				ng			
								er vege	tables, d	luring th		s before	the sur	vey)	-	No linear change	No quadratic change	Decreased
NVE	fries, fr	ried pot	atoes, or	r potato dents w	chips], ho ate v	carrots,	, or oth 61.8 les two	er vege 57.3 or mor	tables, d 51.8 e times j	53.0 per day	ne 7 days	s before 55.6 alad, po	52.7	vey) 56.0	52.0	No linear change	No quadratic change	Decreased

Maryland High School Survey

**Trend Analysis Report** 

Hispa Weigl		agemen	t and D	Dietary ]		ors th Risk	Behavi	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	-		
						vegetable carrots,									ling			
							14.7	12.9	10.1	17.2	15.2	13.9	13.3	13.0	10.7	No linear change	No quadratic change	Decreased
-		0				drink a c ore time	· · · · ·	, 0					oke, Pej 29.5	29.7	prite, 28.2	Increased, 2009-2021	Increased, 2009-2016 No change, 2016-2021	No change
						ank a car oda or d							times p	er day (	such			
									17.7	20.9	17.7	16.3	13.3	11.6	11.1	Decreased, 2009-2021	No quadratic change	No change

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

# Maryland High School Survey

Trend Analysis Report

					Healt	th Risk	Behavio	or and 1	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
					who dra ng diet so								times p	er day (	such			
									11.4	14.3	12.0	10.8	8.2	6.4	6.5	Decreased, 2009-2021	No quadratic change	No change
QN76	: Perce	ntage of	student	s who c	lid not e	eat breal	cfast (du	ring the	e 7 days	s before	the sur	vey)						
														20.3	25.2	Increased, 2018-2021	Not available <sup>§</sup>	Increased
											-		-					
QNBI	K7DAY	: Perce	ntage of	student	ts who a	ate breal	cfast on	all 7 da	ys (dur	ing the	7 days ł	before th	ne surve	ey)				

# Maryland High School Survey

**Trend Analysis Report** 

Hispa Physic	nic cal Acti	vity															
					Heal	th Risk [	Behavior aı	nd Perce	ntages						Linear Change <sup>*</sup>	Quadratic Change*	Change from 2018-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005 200	7 2009	2011	2013	2014	2016	2018	2021	-		
of phy		tivity th					active at lea l made them										
		, ,							30.7	34.1	29.5	26.8	27.4	31.3	No linear change	No quadratic change	No change
day (ir	1 any ki	nd of pl		activity			articipate in heir heart rat										
									20.3	19.3	23.1	26.6	28.5	21.8	Increased, 2011-2021	Increased, 2011-2016 Decreased, 2016-2021	Decreased
kind o		al activ					sically active te and made										
									18.2	18.2	15.4	13.5	14.7	15.3	No linear change	No quadratic change	No change

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

Maryland High School Survey

Trend Analysis Report

Hispanic Physical Activity Health Risk Behavior and Percentages Linear Change\* **Quadratic Change**<sup>\*</sup> Change from 2018-2021 \* 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 2021 1991 1993 1995 1997 1999 QN79: Percentage of students who attended physical education (PE) classes on 1 or more days (in an average week when they were in school) 29.9 33.8 44.1 42.4 44.4 41.2 38.6 40.1 37.4 No linear change No quadratic change No change ONDLYPE: Percentage of students who attended physical education (PE) classes on all 5 days (in an average week when they were in school) 10.6 20.4 16.0 18.9 17.4 16.4 17.3 17.0 16.1 No linear change No quadratic change No change QN81: Percentage of students who had a concussion from playing a sport or being physically active (one or more times during the 12 months before the survey) 19.0 18.3 14.8 Decreased. Not available§ Decreased 2016-2021

# Maryland High School Survey

Trend Analysis Report

Other					Heal	th Risk	Behavi	ior and	l Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021 *
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
JN84:	Percei	ntage of	student	e who e	ann a de		1	1							-			
			the surv		aw a ue	entist (16	or a che	ск-up,	exam, te	eth clea	ining, or	72.0			-	No linear change	Not available <sup>§</sup>	No change

Maryland High School Survey

Trend Analysis Report

Hispa Site-A																		
					Heal	th Risk	Behavi	or and	Percent	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	-		
	Percer the surv		student	ts who u	isually	did not s	sleep in	their pa	rent's o	r guardi	ian's ho	me (dur	ing the	30 days				
														4.8	4.4	No linear change	Not available <sup>§</sup>	No change
ON88:	Percer	ntage of	student	s who a	are trans	sgender	· · · · ·											
		U				0							4.2	2.0	2.8	No linear change	Not available	Increased
						n a cell or other			ving (o	n at leas	st 1 day	during	the 30 c	lays bef	fore			
													29.3	28.5	26.1	No linear change	Not available	No change
(during		days be	efore the			obtained g studen										·		
wild w	cic age	u < 10 y	<i>cais)</i>											13.1	15.9	No linear change	Not available	No change

# Maryland High School Survey

**Trend Analysis Report** 

Hispai Site-A																		
					Healt	th Risk	Behavio	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021 *
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
							fuse to s e the sur		m cigare	ettes bec	cause of	their ag	ge (amo	ng stude	ents			
											29.9	32.0	27.0	21.6	37.7	No linear change	Not available <sup>§</sup>	Increased
							nd of fla ctronic v				icco flav	or with	an elec	tronic v	apor			
												92.8	93.5	95.5	96.4	Increased, 2014-2021	Not available	No change
QN94: them	Percer	ntage of	student	ts who u	ised ele	ctronic-	vapor pr	oducts	mainly	becaus	e a frier	nd or fai	nily me	mber us	sed			

# Maryland High School Survey

Trend Analysis Report

Hispanic Site-Added

					Heal	th Risk	Behavi	or and	Percen	tages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021 <sup>†</sup>
1991 1	993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
QN95: P or THC v		tage of	studen	ts who	have ev	er used	an elect	ronic va	apor pro	duct to	smoke	marijua	na, THO	C or has	h oil,			
													10.0	13.1	14.3	Increased, 2016-2021	Not available <sup>§</sup>	No change
QN96: P smokeles		0								0	, 0	,		0	avored			
											14.5	12.8	7.9	4.1	2.3	Decreased, 2013-2021	Not available	Decreased
QN97: P during th		U				tobacco	o in a ho	okah, n	arghile,	or othe	er type o	of water	pipe (or	n at leas	t 1 day			
													7.8	4.2	2.3	Decreased, 2016-2021	Not available	Decreased

Maryland High School Survey

Trend Analysis Report

	Health Risk Behavior and Percentages													Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021 *		
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
QN98: survey)		itage of	student	s who t	ried or 1	used tob	acco pi	oducts	for the f	irst tim	e (durin	g the 12	2 month	s before	e the			
												12.0	8.2	4.3	3.7	Decreased, 2014-2021	Not available <sup>§</sup>	No chang
											ring the		nths bet	ore the				
survey,											47.7	45.6	45.9	16.4	32.9	Decreased,	Not available	
survey,											47.7	43.0	45.7	1011		2013-2021		Increase
	· Perce	entage o	f studer	nts who	live wi	th some	one wh	o now s	mokes	cigarette	es or cig		+3.7			,		Increase

#### Maryland High School Survey

Trend Analysis Report

Hispanic Site-Added Health Risk Behavior and Percentages Linear Change\* **Quadratic Change**<sup>\*</sup> Change from 2018-2021 \* 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 2021 1991 1993 1995 1997 1999 QN101: Percentage of students who report the rule about smoking inside their home is that smoking is not allowed anywhere inside their home (not counting decks, garages, or porches) 83.4 85.9 85.7 No linear change Not available§ No change QN102: Percentage of students who were in the same room with someone who was smoking (on at least one day during the 7 days before the survey) 18.7 19.0 No linear change 20.3 Not available No change QN105: Percentage of students who gambled on a sports team, gambled when playing cards or a dice game, played one of their state's lottery games, gambled on the Internet, or bet on a game of personal skill such as pool or a video game (one or more times during the 12 months before the survey) 24.5 17.9 Decreased, Not available Decreased 2018-2021

# Maryland High School Survey

Trend Analysis Report

Hispa Site-A																		
	Health Risk Behavior and Percentages														Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	<b>Change from</b> 2018-2021 <sup>†</sup>	
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021	-		
						d that th more (d							nat their	food m	ioney			
														31.7	21.4	Decreased, 2018-2021	Not available <sup>§</sup>	Decreased
						d that of the 12					eir famil	y boug	ht did n	ot last a	nd			
														22.6	16.3	Decreased, 2018-2021	Not available	Decreased
	6: Perce year)	entage o	of stude	nts who	were ta	ught in	their cla	isses ab	out the	dangers	s of toba	acco us	e (durin	g the las	st			
											70.5	61.5	58.7	58.0	50.0	Decreased, 2013-2021	Not available	Decreased

Maryland High School Survey

Trend Analysis Report

Hispa Site-A																		
	Health Risk Behavior and Percentages															Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2018-2021 *
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	2021			
QN11' friends		entage o	of stude	nts who	say def	finitely	yes or p	robably	yes tha	it young	g people	who sn	noke ha	ve more	e			
											48.3	46.2	46.5	44.0	48.9	No linear change	Not available <sup>§</sup>	Increased
QN113 fit in	3: Perc	entage o	of stude	nts who	say def	finitely	yes or p	robably	yes tha	ıt smoki	ng mak	es youn	g peopl	e look c	cool or			
											29.3	25.3	24.9	24.1	20.3	Decreased, 2013-2021	Not available	Decreased
						feel cor fecting t			ng help	from or	ne or mo	ore adul	ts besid	es their				
							80.1	77.0	77.9	71.8	71.2	72.8	71.4	70.2	65.5	Decreased, 2005-2021	No quadratic change	Decreased