## **Maryland High School Survey Allegany County Trend Analysis Report**

Total Injury an	d Viole	nce															
				Н	ealth R	isk Beh	avior aı	nd Perc	entages						Linear Change <sup>*</sup>	Quadratic Change*	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN9: Por more		-					ho had	been dri	nking al	lcohol (i	in a car	or othe	r vehicle	e, one			
											21.1	18.7	13.0	14.9	Decreased, 2013-2018	Not available <sup>§</sup>	No change

9.8

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)

> 11.0 6.2 8.7 Decreased, 2013-2018 Not available No change

<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.

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

				Н	ealth Ri	isk Beh	avior ar	nd Perc	entages						Linear Change <sup>*</sup>	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
								riving a a car or									
											38.0	32.0	28.6	29.5	Decreased, 2013-2018	Not available§	NT1
											36.0	32.0	26.0	29.3	Decreased, 2013-2016	Not available	No change
	Percenta					eapon o	on schoo	l proper	ty (such	as a gu					Decreased, 2013-2016	Not available	No change
						reapon o	on schoo	l proper	ty (such	as a gu					No linear change	Not available	No change
day duri QN14:	ng the 3 Percenta	days l	before the	ne surve	ried a gu	un (not c	counting	ol proper g the day he 12 m	ys when	they can	nn, knife 3.9 rried a g	3.7	o, on at	least 1 4.4			

<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.

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

Fotal Injury an	ıd Viole	ence		Н	ealth R	isk Beh	avior aı	nd Perc	entages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from <b>2016-2018</b>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN16: knife, or										on scho	ol prop	erty (su	ch as a g	gun,			
											7.5	6.5	6.9	5.9	No linear change	Not available§	No change
QN18: months				who we	re in a p	hysical	fight on	school	property	y (one o	r more	times d	uring the	e 12			
											12.3	10.5	9.6	9.0	Decreased, 2013-2018	Not available	No change
QN22: someone with an went ou	e they w object o	vere dati or weapo	ng or go on] one o	oing out or more	with [co	ounting uring the	such thi e 12 mo	ngs as b nths bef	eing hit	, slamm	ned into	someth	ing, or i	njured			
											12.1	9.3	12.1	12.1	No linear change	Not available	No change

<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.

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

Total Injury an	nd Viole	ence		Н	ealth Ri	isk Beh	avior aı	ıd Perc	entages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2016-2018 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN23:	Percent	age of s	tudents	who we	re bullie	d on scl	nool pro	perty (e	ver duri	ng the 1	2 mont	hs befor	re the su	ırvey)			
											22.7	23.5	24.7	26.3	Increased, 2013-2018	Not available <sup>§</sup>	No change
QN24: Faceboo											d throug	gh textir	ıg, Insta	ıgram,			,
											14.3	16.6	18.1	18.9	Increased, 2013-2018	Not available	No change
QN25:											eks in a	row so	that the	У			
											26.2	25.8	33.2	34.3	Increased, 2013-2018	Not available	No change

<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.

Not enough years of data to calculate.

## Maryland High School Survey **Allegany County Trend Analysis Report**

'otal njury ar	d Viole	nce		Н	ealth Ri	isk Beha	avior ar	nd Perc	entages						Linear Change*	Quadratic Change <sup>*</sup>	Change from 2016-2018 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN26:	Percenta	age of st	tudents v	who seri	ously co	onsidere	d attem	pting su	icide (e	ver duri	ng the	12 mont	hs befor	e the	+		
QN26: survey)	Percenta	age of st	tudents v	who seri	ously co	onsidere	d attem	pting su	icide (e	ver duri	ng the 1	12 mont	hs before 21.6	20.5	Increased, 2013-2018	Not available <sup>§</sup>	No change
-	Percenta	age of st					,				14.9	16.9	21.6	20.5	Increased, 2013-2018	Not available <sup>§</sup>	No change

<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.

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

Total Tobacco	Use																
				Н	ealth R	isk Beh	avior ai	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	<u> </u>		
QN32: Survey)	Percent	age of s	tudents	who cur	rently s	moked o	igarette	s (on at	least 1 d	lay duri	ing the 3	30 days	before t	he			
											21.3	15.7	14.6	10.8	Decreased, 2013-2018	Not available§	Decreased
QNFRC days bef				lents wh	o currer	ntly smo	ked ciga	arettes fi	requentl	y (on 20	or moi	re days	during t	he 30			,
days oci	ore the	sur vey)									8.8	6.9	4.0	4.0	Decreased, 2013-2018	Not available	No change
QNDAY before th			ige of st	udents v	who curi	rently sr	noked c	igarettes	s daily (	on all 30	0 days d	luring th	ne 30 da	ys			
											7.1	4.9	2.5	3.1	Decreased, 2013-2018	Not available	No change
QN34: vape pip eGo, and	es, vap	ing pens															
ŕ	-											48.7	49.4	55.4	Increased, 2014-2018	Not available	Increased

<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.

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

otal obacco	Use																
				Н	ealth R	isk Beh	avior ar	nd Perc	entages						Linear Change*	Quadratic Change <sup>*</sup>	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	<del>-</del>		
QN35: e-pipes, Plus, eG	vape pi	pes, var	oing pen	s, e-hoo	kahs, ar	nd hooka	h pens	[such as	blu, NJ								
												29.0	24.4	40.2	Increased, 2014-2018	Not available§	Increased
QNFRE during the					io currei	ntly used	l electro	nic vap	or produ	icts freq	quently (	(on 20 o	or more	days			
												6.0	4.1	15.6	Increased, 2014-2018	Not available	Increased
QNDAY the 30 d				tudents	who cur	rently us	sed elect	tronic v	apor pro	ducts d	aily (on	all 30 c	lays du	ring			
												4.6	2.9	11.8	Increased, 2014-2018	Not available	Increased
QNTB5 day duri						smoked	l cigaret	tes or us	sed elec	tronic v	apor pro	oducts (	(on at le	east 1			
												32.7	29.6	41.6	Increased, 2014-2018	Not available	Increased

<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.

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

otal obacco	Use			Н	ealth Ri	isk Beh	avior ar	nd Perco	entages						Linear Change*	Quadratic Change <sup>*</sup>	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN36: (such as survey,	a conve	enience	store, su	ipermarl	ket, disc	count sto	re, gas	station,	or vape	store, d	uring th	e 30 da					
													7.9	7.0	No linear change	Not available <sup>§</sup>	No change
QN37: dissolva vapor pi	ble toba	cco pro	ducts [si	uch as C	Copenha	gen, Gri	izzly, Sk	coal, or	Camel S					nic			
													11.2	8.8	No linear change	Not available	No change
QN38: during ti					rently si	moked c	eigars (c	igars, ci	garillos	, or little	e cigars	, on at le	east 1 da	ıy			
J		•		•							14.7	11.4	11.9	8.5	Decreased, 2013-2018	Not available	Decreased

<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.

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

## **Maryland High School Survey Allegany County Trend Analysis Report**

Total **Tobacco Use** 

> **Health Risk Behavior and Percentages** Linear Change\*

Quadratic Change\*

Change from 2016-2018

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

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

25.6 20.1 19.7 14.2 Decreased, 2013-2018

Not available§

Decreased

<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.

Total Alcohol a	and Oth	er Dru	g Use	Н	ealth Ri	isk Beha	avior aı	nd Perc	entages						Linear Change*	Quadratic Change <sup>*</sup>	Change from 2016-2018 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN40:	Percenta	age of s	tudents	who had	l their fi	rst drink	of alco	hol befo	ore age	13 years	s (other	than a f	ew sips	)			
											20.9	20.9	16.6	18.9	Decreased, 2013-2018	Not available§	No change
QN41: the 30 d		_		who cur	rently d	rank alc	ohol (at	least or	e drink	of alcol	hol, on	at least	l day dı	uring			
	j		3,								36.4	33.1	29.4	30.3	Decreased, 2013-2018	Not available	No change
QN42: female s day duri	tudents	or five	or more	drinks o	of alcoho												
													16.3	18.6	No linear change	Not available	No change

<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.

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

Total Alcohol	and Oth	er Dru	g Use														
				Н	ealth R	isk Beh	avior aı	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN45:	Percent	age of s	tudents	who eve	er used i	narijuan	a (one o	or more	times du	iring the	eir life)						
											37.0	35.1	36.8	37.6	No linear change	Not available <sup>§</sup>	No change
QN46:	Percent	age of s	tudents	who trie	d marij	uana for	the first	t time b	efore ag	e 13 yea	ars	•	•	•			,
											10.8	9.9	9.1	10.7	No linear change	Not available	No change
QN47: survey)		age of s	tudents	who cur	rently u	sed mar	ijuana (	one or n	nore tim	es durir	ng the 30	0 days b	efore th	ne			,
											21.2	21.2	21.2	22.7	No linear change	Not available	No change
QN48:	Percent	age of s	tudents	who eve	er used s	synthetic	mariju	ana (one	e or mor	e times	during	their life	e)				
												12.6	10.4	8.3	Decreased, 2014-2018	Not available	No change

<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.

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

Total Alcohol a	ınd Oth	er Dru	g Use														
				Н	ealth R	isk Beh	avior ar	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	<u> </u>		
QN49: differen Hydroco	tly than	how a	doctor to	old them	to use i	t (count	ing drug	gs such a									
													15.2	13.4	No linear change	Not available <sup>§</sup>	No change
QN50: one or n					er used c	ocaine (	any for	m of coo	caine, in	cluding	powde	r, crack	or free	base,			
											7.1	5.4	7.1	6.0	No linear change	Not available	No change
QN52: times du			tudents	who eve	er used h	neroin (a	lso calle	ed "sma	ck," "jui	nk," or '	'China '	White,"	one or	more			
											5.1	3.9	5.0	4.0	No linear change	Not available	No change
QN53: "ice," or				who eve			hetamir	nes (also	called	"speed,	" "cryst	al meth,	" "cranl	k,"			
											6.6	5.1	6.1	3.5	Decreased, 2013-2018	Not available	Decreased

<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.

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

Total Alcohol a	nd Oth	er Drug	g Use	Н	ealth R	isk Beh	avior ar	nd Perce	entages						Linear Change <sup>*</sup>	Quadratic Change*	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	201	3		2010-2018
QN54:	Percenta	age of s	tudents	who eve	r used e	ecstasy (	also call	led "MD	MA," c	one or m	nore tim	es durin	g their	life)			
											9.1	6.8	7.2	5.6	Decreased, 2013-2018	Not available <sup>§</sup>	No change
QN56: body, or						ed any il	llegal dr	ug (useo	d a need	le to inj	ect any	illegal o	lrug into	o their			-
											3.7	3.6	4.4	3.7	No linear change	Not available	No change
QN57:		_		who we	re offere	ed, sold,	or give	n an ille	gal drug	g on sch	ool proj	perty (di	uring th	e 12	,		
											21.8	19.8	16.6	16.3	Decreased, 2013-2018	Not available	No change

<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.

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

## **Maryland High School Survey Allegany County Trend Analysis Report**

				Н	ealth Ri	sk Beha	avior an	d Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN58: I	Percenta	ge of st	udents v	who eve	r had se	xual inte	ercourse	;		:							
											48.9	40.9	44.9	43.3	No linear change	Not available <sup>§</sup>	No change
QN59: I	Percenta	ge of st	udents v	who had	sexual	intercou	rse for t	he first	time be	fore age			44.9	43.3	No linear change	Not available <sup>§</sup>	No change

15.2 10.1 9.6 10.7 Decreased, 2013-2018

No linear change

36.4 30.5 32.7 33.0

Not available

Not available

QN60: Percentage of students who had sexual intercourse with four or more persons during their life

QN61: Percentage of students who were currently sexually active (had sexual intercourse with at least one person,

Total

during the 3 months before the survey)

No change

No change

<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.

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

exual B	ehaviors	S		Н	ealth R	isk Beha	avior ar	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
	Percenta re currei				nk alcol	nol or us	ed drug	s before	last sex	cual inte	ercourse	e (amon	g studen	its			
											24.5	23.6	19.4	18.9	Decreased, 2013-2018	Not available <sup>§</sup>	No change
	Percenta y sexual			who use	ed a cond	dom dur	ing last	sexual i	ntercou	rse (am	ong stud	dents wl	no were				
											53.8	51.3	51.6	50.2	No linear change	Not available	No change
	Percenta students						oills befo	ore last	sexual i	ntercou	rse (to p	orevent j	pregnan	cy,			
											26.3	28.6	31.5	27.5	No linear change	Not available	No change
	IMP: Po			idents w													
	olanon) b	crore ra															

<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.

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

				Н	ealth Ri	isk Beh	avior aı	nd Perc	entages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
control 1	ARG: I ring (suc y sexual	h as Nu	vaRing)														
											7.1	6.9	5.2	5.5	No linear change	Not available§	No change
ONOTE	IHPI · I	Percenta	ge of sti	idents v	vho used	d hirth c	ontrol n	ills: an	IIID (su	ich as M	lirena o	r ParaG	ard) or	•	•		
implant control 1	IHPL: I (such as ring (suc y sexual	Implan ch as Nu	on or N vaRing)	explano	n); or a	shot (su	ich as D	epo-Pro	vera), p	atch (su	ich as C	orthoEvi	a), or b				
implant control 1	(such as	Implan ch as Nu	on or N vaRing)	explano	n); or a	shot (su	ich as D	epo-Pro	vera), p	atch (su	ich as C	orthoEvi	a), or b		No linear change	Not available	No change
implant control is currently QNDUA pills; an Depo-Pi	(such as ring (suc	Elmplan Ch as Nu ly active Percenta Ich as M patch (s	age of st liven as O	explano ) before  udents v r ParaG: OrthoEv	who use ard) or i	d both a mplant oirth con	course  condor (such as	epo-Pro (to prev m during Implan	g last ser	eatch (sugnancy,	34.2 ercourse on); or a	36.8 e and bit shot (st	a), or be who we who we who we who we who we will also to the contract as	37.9	No linear change	Not available	No chang

<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.

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

## **Maryland High School Survey Allegany County Trend Analysis Report**

Total **Sexual Behaviors** Linear Change\* **Health Risk Behavior and Percentages** Quadratic Change\* Change from 2016-2018 <sup>†</sup> 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QNBCNONE: Percentage of students who did not use any method to prevent pregnancy during last sexual intercourse (among students who were currently sexually active)

15.5 13.9 14.2 16.8

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

> 12.3 16.2 11.8 No linear change Not available Decreased

No linear change

Not available§

No change

<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.

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

			d Dieta	-	ealth Ri	isk Beha	avior ar	d Perce	entages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
						erweigh data fro						ile for l	ody ma	iss			
											14.9	16.0	16.9	16.4	No linear change	Not available¶	No change
						besity (>			le for bo	ody mas	ss index	, based	on sex-	and			
											13.6	13.5	16.8	18.2	Increased, 2013-2018	Not available	No change
		age of st	tudents	who des	cribed t	hemselv	es as sli	ghtly or	very ov	verweigl	ht						
QN67:	Percenta	age or se															
QN67:	Percenta	<i>age</i> 01 50									29.0	27.8	29.4	31.2	Increased, 2013-2018	Not available	No change
QN69:		age of st	tudents	who did	not drir	nk fruit j	uice (10	00% frui	t juices	one or r					Increased, 2013-2018	Not available	No change

<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.

<sup>&</sup>lt;sup>§</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.

Not enough years of data to calculate.

				Н	ealth Ri	sk Beha	avior ar	d Perce	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN70:	Percenta	age of st	udents v	who did	not eat	fruit (on	e or mo	re times	during	the 7 da	ays befo	re the si	ırvey)				
											16.7	15.3	15.2	13.4	Decreased, 2013-2018	Not available§	No change
QNFR0							r drink	100% fr	uit juice	es (such	as oran	ge juice.	apple j	uice,			
QNFR0 or grape							r drink	100% fr	uit juice	es (such	as oran	ge juice,	apple j	uice,	No linear change	Not available	No change
or grape	juice, d	luring th	e 7 days	s before	the surv	/ey)					9.4	8.6	9.2		No linear change	Not available	No change
	juice, d	luring th	e 7 days	s before	the surv	vey) or drank	100% fi	ruit juice	es one o		9.4	8.6	9.2		No linear change	Not available	No change

<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.

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

Weight M	<b>Ianage</b>	ment ar	nd Dieta	•		isk Beh	avior ar	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QNFR2: orange j										or more	times p	er day (	such as				
											23.5	21.3	21.2	19.3	Decreased, 2013-2018	Not available <sup>§</sup>	No change
QN71: 1	Percent	age of s	tudents	who did	not eat	green sa	alad (one	e or mo	re times	during	the 7 da	ays befo	re the si	urvey)			
											42.2	42.6	45.7	44.2	No linear change	Not available	No change
QN72:	Percent	age of s	tudents	who did	not eat	potatoes	s (one o	r more t	imes du	ring the	7 days	before	the surv	ey)			
											25.6	31.0	31.3	30.6	Increased, 2013-2018	Not available	No change
QN73: 1	Percent	age of s	tudents	who did	not eat	carrots	(one or 1	more tir	nes duri	ng the 7	days b	efore th	e surve	y)			;
											53.8	55.1	53.7	53.7	No linear change	Not available	No change

<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.

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

				Н	ealth Ri	sk Beha	avior ar	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN74: survey)	Percenta	age of st	udents v	who did	not eat	other ve	getables	s (one o	r more t	imes du	iring the	7 days	before t	he			
											19.0	19.5	20.6	21.0	No linear change	Not available <sup>§</sup>	No change
	G0: Perc											ng Frenc	h fries,	fried			
											7.0	8.2	8.8	8.3	No linear change	Not available	No change
	21. Doro	entage (	of stude					nore tim							,		
	fries, frie		oes, or p	otato cl	nips], ca	rrots, or	other v	egetable	es, durin	g the 7	days be	fore the	survey)				

<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.

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

				Н	ealth Ri	isk Beh	avior aı	nd Perc	entages	1					Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QNVEO																	
											22.9	22.1	21.4	20.5	No linear change	Not available§	No change
QNVEO [excludi survey)											luring tl	ne 7 day	s before		No linear change	Not available	No change
[excludi													s before	the 10.1	No linear change	Not available	No change
[excludi	ing Fren	age of si	, fried po	who did	or potat	o chips]	, carrots	or glass	er veget	ables, d	luring the	10.6	s before 10.3	10.1	No linear change	Not available	No change

<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.

				Н	ealth Ri	isk Beh	avior aı	nd Perc	entages	•					Linear Change <sup>*</sup>	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	<del>-</del>		
			-	:				-							-		
QNSODA														ay			
QNSODA (such as C														ay 21.9	Decreased, 2013-2018	Not available <sup>§</sup>	No char
such as (	Coke, P	Pepsi, or	Sprite,	not cou	nting die	et soda	or diet p	oop, duri	ing the 7	7 days b	efore th	28.8	y) 1 22.6	21.9	Decreased, 2013-2018	Not available <sup>§</sup>	No chang
	Coke, P	Pepsi, or	Sprite,	not cou	nting die	et soda	or diet p	oop, duri	of soda of	7 days b	29.6 wo or m	28.8 aore tim	y) 22.6  es per d	21.9	Decreased, 2013-2018	Not available <sup>§</sup>	No char

<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.

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

Γotal Physical	Activity	7		Н	ealth R	isk Beha	avior aı	ıd Perc	entages	3					Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN78: kind of j	physical	activity	that in														
											46.6	46.9	40.4	48.5	No linear change	Not available§	Increased
QNPA0 1 day (in during t	n any ki	nd of ph	ysical a	ctivity t													
											13.5	15.4	17.9	15.9	No linear change	Not available	No change
QNPA7 kind of j days bef	physical	activity															
-											27.0	26.6	23.1	27.1	No linear change	Not available	Increased

<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.

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

Fotal Physical	Activity	7		н	ealth R	isk Beh	avior ar	nd Perc	entages						Linear Change*	Quadratic Change <sup>*</sup>	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN79:	Percent	age of st	tudents	who wa	tched te	levision	3 or mo	ore hour	s per da	y (on ar	averag	e schoo	l day)				
											31.9	26.2	22.3	20.0	Decreased, 2013-2018	Not available§	No change
	Percentang time sam, Face	spent on	things	such as	Xbox, P	layStati	on, an il	Pad or o	ther tab	let, a sn	artphor	ne, texti	ng, Ŷou	Tube,	Increased, 2013-2018	Not available	No change
QN81: week w					ended pl	hysical e	education	n (PE) c	lasses o	n 1 or n	nore day	ys (in ar 37.5	averag	e 37.2	No linear change	Not available	No change

<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.

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

## **Maryland High School Survey Allegany County Trend Analysis Report**

Total **Physical Activity** Linear Change\* **Health Risk Behavior and Percentages** Quadratic Change\* Change from 2016-2018 <sup>†</sup> 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QNDLYPE: Percentage of students who attended physical education (PE) classes on all 5 days (in an average week when they were in school)

32.7 32.5

QN83: Percentage of students who had a concussion from playing a sport or being physically active (one or more times during the 12 months before the survey)

> 18.4 17.2 No linear change Not available No change

Not available§

No change

29.8 22.9 Decreased, 2013-2018

<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.

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

Fotal Other																	
				Н	ealth Ri	isk Beha	avior ar	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QN86: 1						ist (for a	check-ı	ıp, exan	n, teeth	cleaning	g, or oth	er denta	al work	,			
during ti	12 111		orore the	, survey	,							77.9	76.5	76.8	No linear change	Not available§	No change
QNNOE	ONT: Po	ercentag	ge of stu	dents w	ho neve	r saw a	dentist (	for a ch	eck-up,	exam, t	eeth cle	aning, o	or other	dental			
work)												2.3	1.3	1.8	No linear change	Not available	No change
								·-									
QN87: 1	Percenta	age of st	tudents v	who had	l ever be	een told	by a do	ctor or n	urse tha	at they h	ad asth	ma					

<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.

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

## **Maryland High School Survey Allegany County Trend Analysis Report**

Total

Site-Add	ed																
				Н	ealth R	isk Beha	avior aı	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN90:	Percent	age of s	tudents	who are	transge	nder							3.6	1.7	Decreased, 2016-2018	Not available <sup>§</sup>	Decreased
QN93: before the									ig (on at	least 1	day dur	ing the	30 days 30.1	30.0	No linear change	Not available	No change
QN94:	Percent	age of s	tudents	who sm	oked a v	vhole ci	garette l	oefore a	ge 13 ye	ears (for	the firs	t time)					
											13.1	12.2	11.7	6.9	Decreased, 2013-2018	Not available	Decreased
QN98: day duri						pacco in	a hooka	ah, narg	hile, or	other ty	pe of wa	aterpipe	(on at le	east 1			
													5.9	4.6	No linear change	Not available	No change

<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.

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

## **Maryland High School Survey Allegany County Trend Analysis Report**

ite-Added	и			Н	ealth Ri	isk Beh	avior aı	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN99: Po vapor pro											flavor v	vith an	electron	ic			
												96.1	96.3	96.6	No linear change	Not available <sup>§</sup>	No change
QN101: I			students	who ha	ave ever	used an	electro	nic vapo	or produ	ct to sm	oke ma	rijuana,	THC o	r hash			
													10.4	18.0	Increased, 2016-2018	Not available	Increased
QN102: I				who th	ink they	definite	ely or pr	obably	will smo	oke a ci	garette,	cigar, c	igarillo,	or			
													23.7	18.4	Decreased, 2016-2018	Not available	Decreased

18.9 16.8 11.2 9.2 Decreased, 2013-2018

No change

<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.

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

## **Maryland High School Survey Allegany County Trend Analysis Report**

				Н	ealth Ri	isk Beha	avior an	d Perce	entages						Linear Change <sup>*</sup>	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
-	-																
QN104: the surve		age of	students	who tri	ed or us	ed tobac	eco proc	lucts for	the firs	t time (d	during th	ie 12 m	onths be	efore			
QN104: he surve		age of	students	who tri	ed or us	ed tobac	eco prod	lucts for	the firs	t time (d	C		onths be	efore 8.8	Decreased, 2014-2018	Not available <sup>§</sup>	No chang
-	y) Percent	tage of	students	who co	mpletel	y quit us	sing all	tobacco	product	s (durin	g the 12	15.6	10.3	8.8	Decreased, 2014-2018	Not available <sup>§</sup>	No chang

47.6 44.8 42.2 43.3 Decreased, 2013-2018

No linear change

73.6 73.3

QN107: Percentage of students who report the rule about smoking inside their home is that smoking is not

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

Total

No change

No change

Not available

<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.

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

## **Maryland High School Survey Allegany County Trend Analysis Report**

		Health Risk Behavior and Percentages											Linear Change <sup>*</sup>	Quadratic Change*	Change from 2016-2018 <sup>†</sup>		
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN108: during th					ere in th	e same i	room wi	th some	one wh	o was si	moking	(on at l	east one	day			
													37.0	37.6	No linear change	Not available <sup>§</sup>	No change
QN110: school y		tage of	students	who we	ere taug	ht in the	eir classe	es about	the dan	gers of			iring the	last			
		tage of	students	s who we	ere taug	ht in the	rir classe	es about	the dan	gers of	tobacco	o use (du 66.7				Not available <sup>§</sup> Not available	No change  Decreased
	ear)									,	73.5	66.7	oring the	e last 57.7			

16.9 12.6 18.0 20.6 Increased, 2013-2018

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

cool or fit in

No change

<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.

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

## **Maryland High School Survey Allegany County Trend Analysis Report**

Total

Site-Added **Health Risk Behavior and Percentages** Linear Change\* Quadratic Change\* Change from 2016-2018 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QN119: Percentage of students who would feel comfortable seeking help from one or more adults besides their parents if they had an important question affecting their life 79.6 Decreased, 2013-2018 Not available§ No change 83.6 84.3 80.9

<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.

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

Male Injury an	d Viole	nce			W D			1.0							**	0 1 ¢ Cl *	CI. C
				н	ealth Ri	isk Beh	avior ar	id Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN9: Por more							ho had l	been dri	nking al	lcohol (i	in a car	or other	vehicle	e, one			
		C				•					21.5	18.7	12.8	15.4	Decreased, 2013-2018	Not available <sup>§</sup>	No change
QN10: I																	
days bef											13.4	13.7	7.0	10.6	Decreased, 2013-2018	Not available	No change
QN11: Ithe 30 dasurvey)																	
											41.6	33.0	28.9	31.6	Decreased, 2013-2018	Not available	No change

<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.

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

## Maryland High School Survey Allegany County Trend Analysis Report

Male **Injury and Violence Health Risk Behavior and Percentages** Linear Change\* Quadratic Change\* Change from 2016-2018 <sup>†</sup> 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QN13: Percentage of students who carried a weapon on school property (such as a gun, knife, or club, on at least 1 day during the 30 days before the survey) 6.0 5.0 7.5 6.3 No linear change Not available§ No change QN14: Percentage of students who carried a gun (not counting the days when they carried a gun only for hunting or for a sport such as target shooting, on at least 1 day during the 12 months before the survey) 7.7 7.3 No linear change Not available No change QN16: 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) 9.1 8.6 8.5 7.1 No linear change Not available No change

<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.

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

njury an	ia viole	nce		Н	ealth Ri	isk Beha	avior aı	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN18:				who wer	e in a p	hysical	fight on	school	property	(one o	r more	times du	iring the	e 12			
											16.0	15.8	12.0	12.5	Decreased, 2013-2018	Not available <sup>§</sup>	No change
QN22: someone with an went ou	e they w object o	ere dati r weapo	ng or go n] one o	oing out or more	with [co	ounting a	such thi e 12 mo	ngs as b nths bef	eing hit	, slamm	ed into	someth	ing, or i	njured			
											10.7	8.2	9.9	10.4	No linear change	Not available	No change
QN23:	Percenta	ige of st	udents v	who wer	e bullie	d on sch	nool pro	perty (e	ver duri	ng the 1	2 mont	hs befor	e the su	ırvey)			

<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.

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

Aale njury an	d Viole	nce															
				Н	ealth R	isk Beh	avior ar	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN24: 1 Faceboo											d throug	gh textir	ng, Insta	ıgram,			
											10.3	11.8	11.1	14.9	Increased, 2013-2018	Not available§	Increased
QN25: I											eks in a	row so	that the	ey			
											19.1	18.7	21.4	23.6	Increased, 2013-2018	Not available	No change
QN26: 1	Percenta	age of st	tudents	who seri	iously c	onsidere	d attem	pting su	icide (e	ver duri	ing the	12 mont	hs befo	re the			;
											12.5	12.6	15.4	14.5	No linear change	Not available	No change
QN27: I			udents	who ma	de a pla	n about	how the	y would	l attemp	t suicid	e (durin	g the 12	2 month	ıs			
											11.6	9.6	14.1	11.5	No linear change	Not available	No change

<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.

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

Iale obacco	Use																
				Н	ealth R	isk Beh	avior ar	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN32: survey)	Percenta	age of st	tudents	who cur	rently s	moked c	igarette	s (on at	least 1 o	lay duri	ing the 3	30 days	before t	he			
											23.7	15.1	14.1	11.0	Decreased, 2013-2018	Not available <sup>§</sup>	No change
QNFRC			of stud	ents wh	o currer	ntly smo	ked ciga	rettes fi	requentl	y (on 20	or moi	re days	during t	he 30			
, s s <b>e</b> .		Jul ( 6) )									10.8	7.0	3.7	5.0	Decreased, 2013-2018	Not available	No change
	CIG: Ine surve		ge of st	udents v	vho curi	rently sn	noked ci	igarettes	s daily (	on all 30	0 days d	luring th	ne 30 da	ys			
											9.2	4.8	2.5	4.0	Decreased, 2013-2018	Not available	No change
	es, vapi	ng pens				nn electr h pens [											,
,	1/											48.3	48.2	51.8	No linear change	Not available	No change

<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.

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

Iale 'obacco	Use																
				Н	ealth R	isk Beh	avior ar	nd Perc	entages						Linear Change*	Quadratic Change <sup>*</sup>	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	<del>-</del>		
QN35: e-pipes, Plus, eG	vape pi	pes, vap	oing pen	s, e-hoo	kahs, an	id hooka	h pens	[such as	blu, NJ								
												31.3	25.0	38.0	No linear change	Not available§	Increased
QNFRE during tl					o currer	ntly used	l electro	nic vap	or produ	icts freq	uently (	(on 20 c	or more	days			,
												7.9	5.5	17.3	Increased, 2014-2018	Not available	Increased
QNDAY				tudents	who cur	rently us	sed elect	tronic v	apor pro	ducts d	aily (on	all 30 c	lays dui	ring			
												6.0	4.3	14.2	Increased, 2014-2018	Not available	Increased
QNTB5 day duri						smoked	l cigaret	tes or us	sed elec	tronic v	apor pro	oducts	(on at le	east 1	,		
												34.2	29.9	40.2	No linear change	Not available	Increased

<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.

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

Male Tobacco	Use			Н	ealth Ri	isk Beha	avior ar	nd Perc	entages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		2020 2020
QN36: (such as survey,	a conve	enience	store, su	ipermarl	ket, disc	ount sto	re, gas	station,	or vape	store, d	uring th	e 30 day					
,,,,							P				<b>6</b>	, <b>,</b> ,	12.8	8.7	No linear change	Not available§	No change
QN37: dissolva vapor pi	ble toba	icco pro	ducts [si	uch as C	Copenha	gen, Gri	izzly, Sk	coal, or						nic			,
													16.7	14.3	No linear change	Not available	No change
QN38: during t					rently si	noked c	eigars (c	igars, ci	garillos	, or little	e cigars.	on at le	ast 1 da	ıy			
		-		•							19.7	15.0	14.6	10.4	Decreased, 2013-2018	Not available	Decreased

<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.

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

### **Maryland High School Survey Allegany County Trend Analysis Report**

Male **Tobacco Use** 

before the survey)

**Health Risk Behavior and Percentages** Linear Change\* Quadratic Change\* Change from 2016-2018 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QNTB2: Percentage of students who currently smoked cigarettes or cigars (on at least 1 day during the 30 days 29.5 22.1 21.2 15.4 Decreased, 2013-2018 Not available§ Decreased

<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.

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

Male Alcohol a	and Oth	er Drug	g Use	Н	ealth Ri	isk Beh	avior aı	nd Perc	entages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2016-2018 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN40:	Percent	age of s	tudents	who had	l their fi	rst drink	of alco	hol befo	ore age	13 years	s (other	than a f	ew sips	)			
											24.4	24.2	18.2	21.8	Decreased, 2013-2018	Not available <sup>§</sup>	No change
QN41: the 30 d				who cur	rently d	rank alc	ohol (at	least or	ne drink	of alcol	hol, on	at least	l day dı	uring			
the 50 ti	ays bei	ne me s	urvey)								36.5	32.4	27.6	29.3	Decreased, 2013-2018	Not available	No change
QN42: female s day duri	tudents	or five	or more	drinks o	of alcoho												
													15.3	16.9	No linear change	Not available	No change

<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.

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

Male Alcohol a	and Oth	er Druş	g Use	Н	ealth R	isk Beh	avior aı	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN45:	Percenta	age of st	tudents	who eve	er used r	narijuan	ıa (one o	or more	times du	aring the	eir life)	•					
											39.6	35.3	34.2	36.7	No linear change	Not available <sup>§</sup>	No change
QN46:	Percent	age of st	tudents	who trie	d mariji	uana for	the fire	t time b	efore an	e 13 ve	are						,
Q1 <b>14</b> 0.	rereem	age of si	tudents	who the	a mariji	uana 101	the ms	t time of	cioic ag	C 13 ye	13.9	12.5	11.0	12.0	No linear change	Not available	No change
QN47: survey)	Percent	age of st	tudents	who cur	rently u	sed mar	ijuana (	one or n	nore tim	es durir	ng the 3	0 days 1	pefore th	ne	,		,
541.037											25.0	21.4	20.9	22.5	No linear change	Not available	No change
QN48:	Percent	age of st	tudents	who eve	er used s	synthetic	mariju	ana (one	e or mor	e times	during	their lif	e)				
												12.8	11.0	9.0	Decreased, 2014-2018	Not available	No change

<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.

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

lcohol a	nd Oth	er Dru	g Use	Н	ealth R	isk Beha	avior ar	nd Perc	entages						Linear Change*	Quadratic Change <sup>*</sup>	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	<u>-</u>		2010-2018
different	ly than	how a c	loctor to	who eve	to use i	t (count	ing drug	s such a									
·													15.5	13.1	No linear change	Not available§	No change
QN50: 1		_			er used c	ocaine (	any fori	m of coo	caine, in	cluding	powde	r, crack,	or free	base,			
				ŕ							8.9	7.3	9.1	8.1	No linear change	Not available	No change
QN52: 1			tudents	who eve	er used h	neroin (a	lso calle	ed "sma	ck," "jui	nk," or "	'China '	White,"	one or r	nore			
											6.6	6.2	6.6	5.9	No linear change	Not available	No change
QN53: 1							hetamir	nes (also	called	"speed,'	" "crysta	al meth,	" "crank	ζ,"			
											8.2	7.0	7.4	4.5	Decreased, 2013-2018	Not available	No change

<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.

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

				Н	ealth Ri	isk Beha	avior ar	nd Perce	entages						Linear Change*	Quadratic Change*	Change fron 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN54:	Percenta	age of st	tudents	who eve	er used e	ecstasy (	also call	ed "MD	MA," o	one or m	ore tim	es durir	ng their l	life)			
											11.1	9.0	9.0	7.9	Decreased, 2013-2018	Not available§	No change
QN56:						ed any il	legal dr	ug (used	l a need	le to inj	· .				Decreased, 2013-2018	Not available <sup>§</sup>	No change
QN56: body, or						ed any il	legal dr	ug (used	l a need	le to inj	· .				Decreased, 2013-2018  No linear change	Not available <sup>§</sup> Not available	No change
	e or mo	age of st	s during	their lif	fe)						ect any 4.9	illegal	drug into	their 5.0			

<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.

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

## **Maryland High School Survey Allegany County Trend Analysis Report**

Male

Sexual B	ehavior	S															
				Н	ealth R	isk Beha	avior ar	d Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN58:	Percenta	age of s	tudents	who eve	er had se	exual int	ercourse	;			47.3	40.2	43.5	39.9	Decreased, 2013-2018	Not available <sup>§</sup>	No change
QN59:	Percenta	age of s	tudents	who had	l sexual	intercou	irse for t	he first	time be	fore age	e 13 yea 9.7	rs 6.1	5.2	7.1	No linear change	Not available	No change
QN60:	Percenta	age of s	tudents	who had	l sexual	intercou	ırse with	four o	r more p	ersons	during t	heir life	;				
											16.1	10.3	8.6	11.6	Decreased, 2013-2018	Not available	No change
QN61: during t						ntly sexu	ially act	ive (had	d sexual	interco	urse wit	h at lea	st one p	erson,			
											33.2	27.8	29.1	29.8	No linear change	Not available	No change

<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.

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

Iale exual Bo	ehaviors	S															
				Н	ealth Ri	isk Beh	avior ar	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN62: who we					nk alcol	hol or us	sed drug	s before	last sex	cual inte	ercourse	(amon	g studer	nts			
											29.5	31.2	25.6	24.3	No linear change	Not available§	No change
QN63:				who use	d a cond	dom dur	ring last	sexual i	ntercou	rse (am	ong stud	dents wh	no were	,	,		
											57.3	56.6	55.7	55.4	No linear change	Not available	No change
				who use		control p	pills befo	ore last	sexual i	ntercou	rse (to p	orevent j	oregnan	cy,	,		
											21.2	22.0	28.9	22.2	No linear change	Not available	No change
QNIUD or Nexp															-		
											1.3	0.6	1.9	4.3	Increased, 2013-2018	Not available	No change

<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.

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

Audi D	ehavior	S		Н	ealth Ri	isk Beha	avior ar	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QNSHP control r currently	ring (suc	ch as Nu	vaRing)														
											5.5	4.1	3.8	2.6	No linear change	Not available§	No change
ONOTE		Percenta s Implan			n); or a	shot (su	ch as D	epo-Pro	vera), p	atch (su	ich as C	orthoEv:	a), or b				
implant control r currently	ring (suc	ch as Nu	vaRing)	) before	last sex	ual inter	course	(to prev	ent preg	nancy,	among 28.0	26.7	34.6	ere 29.1	No linear change	Not available	No change
implant control r	ALBC: IUD (succession)	Percentauch as M	e)  age of st	udents v r ParaG OrthoEv	who use ard) or i ra), or b	d both a	condor (such as	n during Implan	g last sex on or N	xual inte	28.0 ercourse on); or a	26.7 e and bit shot (s	34.6  orth contract as	29.1	No linear change	Not available	No change

<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.

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

### **Maryland High School Survey Allegany County Trend Analysis Report**

Male **Sexual Behaviors** Linear Change\* **Health Risk Behavior and Percentages** Quadratic Change\* Change from 2016-2018 <sup>†</sup> 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QNBCNONE: Percentage of students who did not use any method to prevent pregnancy during last sexual intercourse (among students who were currently sexually active)

15.2 14.4 14.2 19.1

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

> 12.2 16.2 9.9 No linear change Not available Decreased

No linear change

Not available§

No change

<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.

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

		incirc un	d Dieta	-		isk Beha	avior an	d Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QNOW index, b												tile for l	oody ma	ıss			
											14.3	16.3	14.9	14.1	No linear change	Not available <sup>¶</sup>	No change
QNOBI									le for bo	ody mas	ss index	, based	on sex-	and			
											19.1	17.9	20.4	22.1	Increased, 2013-2018	Not available	No change
ONG	Percenta	age of st	udents	who des	cribed t	hemselv	es as sli	ghtly or	very ov	verweig	ht	•					:
QN67:												25.0	24.4	25.1	No linear change	Not available	NT 1
QN67:											25.4	25.0	24.4	23.1	No inieai change	Not available	No change
QN69: before t			udents	who did	not drir	nk fruit j	uice (10	00% frui	t juices	one or 1					No linear change	Not available	No change

<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.

<sup>&</sup>lt;sup>§</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.

Not enough years of data to calculate.

				Н	ealth Ri	sk Beha	avior an	d Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN70:	Percenta	age of st	udents v	who did	not eat	fruit (on	e or mo	re times	during	the 7 da	ays befo	ore the s	urvey)				
											18.6	17.2	15.7	16.1	No linear change	Not available <sup>§</sup>	No change
QNFR0 or grape							r drink 1	100% fr	uit juice	es (such	as oran	ge juice	, apple j	juice,			,
											10.7	10.2	9.7	9.8	No linear change	Not available	No change
QNFR1 orange										or more	times pe	er day (s	uch as				

<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.

Weight M	<b>Ianage</b>	ment ar	d Dieta	•		isk Beh	avior ar	nd Perc	entages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	<u> </u>		
QNFR2 orange j										or more	times p	er day (	such as				
											23.8	22.5	25.3	18.7	Decreased, 2013-2018	Not available§	Decreased
QN71:	Percent	age of s	tudents	who did	not eat	green sa	alad (one	e or mo	re times	during	the 7 da	ays befo	re the s	urvey)			
											48.7	48.9	48.6	50.7	No linear change	Not available	No change
QN72:	Percent	age of s	tudents	who did	not eat	potatoes	s (one or	r more t	imes du	ring the	7 days	before	he surv	ey)	,		
											26.8	32.2	31.5	33.9	Increased, 2013-2018	Not available	No change
QN73:	Percent	age of s	tudents	who did	not eat	carrots	(one or 1	more tir	nes duri	ng the 7	days b	efore th	e surve	y)	,		
											53.8	54.8	52.4	54.7	No linear change	Not available	No change

<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.

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

				Н	ealth Ri	sk Beh	avior ar	nd Perco	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN74: survey)	Percenta	age of st	udents v	who did	not eat	other ve	getable	s (one o	r more t	imes du	ring the	7 days	before t	he			
											22.0	24.7	22.0	25.6	No linear change	Not available <sup>§</sup>	No change
					did not							ng Frenc	h fries,	fried			
											9.4	11.4	10.2	11.6	No linear change	Not available	No change
					ate veg												

<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.

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

				Н	ealth R	isk Beh	avior aı	nd Perc	entages						Linear Change <sup>*</sup>	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	<u> </u>		
QNVEO																	
											22.6	22.9	23.7	21.0	No linear change	Not available§	No change
[excludi														the			
QNVEC [excludi survey)														the 10.0	No linear change	Not available	No change
[excludi	ng Fren	ch fries,	, fried po	who did	or potat	o chips	, carrots	or glass	of soda	ables, d	luring th	11.1	s before	10.0	No linear change	Not available	No change

<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.

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

				Н	ealth Ri	isk Beha	avior aı	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
														24.0	Decreased, 2013-2018	Not available <sup>§</sup>	No change
QNSODA (such as C	Coke, P	Pepsi, or	Sprite,	not coun	nting die	et soda o	or diet p	r glass o	of soda o	or pop tv	33.9 wo or m	31.5	23.7 es per d	24.0	Decreased, 2013-2018	Not available <sup>§</sup>	No change

<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.

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

Male Physical A	Activity	7		Н	ealth R	isk Beh	avior ar	nd Perc	entages						Linear Change <sup>*</sup>	Quadratic Change*	Change from 2016-2018 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN78: kind of j days bef	physical	activity	that in														
											53.8	55.2	49.0	54.5	No linear change	Not available§	No change
QNPA0 1 day (in during th	n any ki	nd of ph	ysical a	ctivity t													
											12.6	14.6	14.4	14.4	No linear change	Not available	No change
QNPA7 kind of j days bef	physical	activity															
-		•									33.3	32.7	31.7	32.2	No linear change	Not available	No change

<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.

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

				Н	ealth Ri	isk Beh	avior ar	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN79:	Percenta	age of st	udents v	who wat	tched tel	levision	3 or mo	ore hours	s per da	y (on ar	n averag	e schoo	l day)				
											32.7	26.4	22.5	19.2	Decreased, 2013-2018	Not available <sup>§</sup>	No change
(countin	Percentang time sum, Face	pent on	things s	such as 2	Xbox, P	layStatio	on, an il	Pad or o	ther tab	let, a sn	nartphoi	ne, texti	ng, Ŷou	Tube,	Increased, 2013-2018	Not available	Increased
															,		
	Percenta				ended ph	ıysical e	ducation	n (PE) c	lasses o	n 1 or n	nore da	ys (in aı	n averag	ge			
QN81: week w	hen they	were in	SCHOOL	,													

<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.

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

## Maryland High School Survey Allegany County Trend Analysis Report

Male **Physical Activity** Linear Change\* **Health Risk Behavior and Percentages** Quadratic Change\* Change from 2016-2018 <sup>†</sup> 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QNDLYPE: Percentage of students who attended physical education (PE) classes on all 5 days (in an average week when they were in school) 40.2 37.5 35.6 27.6 Decreased, 2013-2018 Not available§ No change QN83: Percentage of students who had a concussion from playing a sport or being physically active (one or more times during the 12 months before the survey) 21.6 21.1 No linear change Not available No change

<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.

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

# Maryland High School Survey Allegany County Trend Analysis Report

				H	ealth R	isk Beh	avior an	nd Perco	entages	1					Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	•		
								_00.	2007	2011	2013	2017	2010	2016			
QN86: P						ist (for a											
QN86: Polynoid						ist (for a					g, or oth	er dent	al work,	,	No linear change	Not available <sup>§</sup>	No chang
						ist (for a					g, or oth				No linear change	Not available <sup>§</sup>	No chang
	e 12 mo	onths be	efore the	survey	)		ı check-ı	ıp, exan	n, teeth	cleaning	g, or othe	er dent 76.5	al work,	72.6	No linear change	Not available <sup>§</sup>	No chang

25.3 25.6 28.1 25.6

No linear change

No change

Not available

<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.

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

## **Maryland High School Survey Allegany County Trend Analysis Report**

Male

ite-Add	ed			Н	ealth R	isk Beha	avior aı	nd Perc	entages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2016-2018 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	<u> </u>		
QN90:	Percent	age of s	tudents	who are	transge	nder							3.8	1.8	Decreased, 2016-2018	Not available <sup>§</sup>	Decreased
						cell pho			g (on at	least 1	day dur	ing the	30 days 31.5	31.1	No linear change	Not available	No change
QN94:	Percent	age of s	tudents	who sm	oked a v	whole ci	garette l	pefore a	ge 13 ye	ears (for	the first	t time) 14.2	13.0	8.6	Decreased, 2013-2018	Not available	Decreased
QN98: day duri						bacco in	a hooka	ıh, nargl	hile, or o	other typ	pe of wa	terpipe	(on at le	east 1 5.2	No linear change	Not available	No change

<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.

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

Male Site-Adde	ed																
				Н	ealth R	isk Beh	avior aı	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN99: 1											flavor	with an	electron	iic			
												94.4	94.9	95.1	No linear change	Not available§	No change
QN101: oil, or T			students	s who ha	ive ever	used an	electro	nic vapo	or produ	ct to sm	noke ma	rijuana,	THC o	r hash			,
													11.1	19.5	Increased, 2016-2018	Not available	Increased
QN102: little cig		_		s who th	ink they	definite	ely or pi	robably	will sm	oke a ci	garette,	cigar, c	igarillo,	, or			
													26.0	20.6	Decreased, 2016-2018	Not available	Decreased
QN103: flavored survey)																	,
											26.0	21.8	12.8	11.6	Decreased, 2013-2018	Not available	No change

<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.

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

Male Site-Addo	ed																
				Н	ealth R	isk Beh	avior aı	nd Perc	entages						Linear Change <sup>*</sup>	Quadratic Change*	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN104:		itage of	students	s who tri	ied or us	sed toba	cco prod	lucts for	r the firs	st time (	during t	he 12 m	nonths b	efore			
	-											15.8	10.0	7.7	Decreased, 2014-2018	Not available <sup>§</sup>	No change
QN105: survey,												2 month	s before	e the			
											27.4	30.8	34.8	7.3	Decreased, 2013-2018	Not available	Decreased
QN106:	Percen	tage of	students	s who liv	ve with	someon	e who n	ow smo	kes ciga	rettes or	rcigars						
											45.9	41.4	39.4	43.5	No linear change	Not available	No change
QN107: allowed										home i	s that si	moking	is not				
													75.9	73.2	No linear change	Not available	No change

<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.

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

Male Site-Adde	ed																
				H	ealth R	isk Beha	avior aı	nd Perc	entages						Linear Change*	Quadratic Change <sup>*</sup>	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	201	8		
QN108: during th					ere in th	e same	room w	ith some	eone wh	o was s	moking	(on at	least one	e day			
													33.0	35.1	No linear change	Not available§	No change
QN110: school y		tage of	students	s who w	ere taug	ht in the	eir classe	es about	the dan	gers of	tobacco	use (d	uring th	e last			
											74.5	65.7	67.0	56.7	Decreased, 2013-2018	Not available	Decreased
QN117: friends	Percen	tage of	students	s who sa	y defini	tely yes	or prob	ably yes	s that yo	ung peo	ople wh	o smok	e have n	nore			
											31.8	28.3	29.6	31.6	No linear change	Not available	No change
QN118: cool or f		tage of	students	s who sa	y defini	tely yes	or prob	ably yes	s that sm	noking r	nakes y	oung p	eople lo	ok			
											21.3	15.8	22.8	23.7	Increased, 2013-2018	Not available	No change

<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.

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

## Maryland High School Survey Allegany County Trend Analysis Report

Male Site-Added

Health Risk Behavior and Percentages

Health Risk Behavior and Percentages

Linear Change\*

Quadratic Change\*

Change from 2016-2018†

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

81.1 83.4 80.0 79.0 No linear change Not available No change

<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.

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

Female Injury ar	nd Viole	ence		Н	ealth R	isk Beh	avior aı	nd Perce	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN9: P							ho had	been dri	nking al	lcohol (i	in a car	or other	vehicle	e, one	•		
		. 8		,		7					20.2	18.9	12.3	13.9	Decreased, 2013-2018	Not available§	No change
QN10: times du	ıring the	30 day	s before														
days bet	fore the	survey)									5.7	7.3	5.2	6.1	No linear change	Not available	No change
QN11: the 30 d survey)																	
											33.7	30.8	27.0	26.4	No linear change	Not available	No change

<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.

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

Female Injury an	nd Viole	ence		Н	ealth Ri	isk Beha	avior ar	nd Perce	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN13: I						eapon o	n schoo	l proper	ty (such	as a gu	n, knife	, or club	o, on at l	east 1	,		
Ĭ	C	J			<b>3</b> /						1.5	2.3	4.0	2.1	No linear change	Not available <sup>§</sup>	Decreased
QN14: I													for hun	ting	Decreased, 2016-2018	Not available	Decreased
QN16: 1	Percenta	age of st	udents v	who we	re threat	ened or	injured	with a v	veapon (	on scho	ol prope	erty (suc	h as a g	un,			:

<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.

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

1997 1999 2001 2003 2005 2007 20 students who were in a physical fight on school prop	009 2011 2013	2014	2016				
students who were in a physical fight on school prop			2016	2018			
rey)	perty (one or more	times du	ring the	12			
-,,	8.0	4.5	6.3	5.1	No linear change	Not available§	No change
students who experienced physical dating violence (ting or going out with [counting such things as being on] one or more times during the 12 months before the during the 12 months before the survey)	g hit, slammed into	someth	ng, or in	njured	No linear change	Not available	No change
during the 12		12.9	•	12.9 10.0 13.8	12.9 10.0 13.8 13.6	12.9 10.0 13.8 13.6 No linear change	12.9 10.0 13.8 13.6 No linear change Not available

<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.

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

Female Injury an	ıd Viole	ence															
	Health Risk Behavior and Percentages														Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2016-2018 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	<u> </u>		
QN24: Faceboo											d throug	gh textir	ng, Insta	gram,			
											18.3	22.0	25.3	22.8	Increased, 2013-2018	Not available <sup>§</sup>	No change
QN25: stopped											eks in a	row so	that the	у			
											33.0	33.8	45.9	45.6	Increased, 2013-2018	Not available	No change
QN26: survey)	Percent	age of s	tudents	who ser	iously c	onsidere	ed attem	pting su	icide (e	ver duri	ing the	12 mont	hs befor	re the			
											17.2	21.5	27.8	27.1	Increased, 2013-2018	Not available	No change
QN27: before the			tudents	who ma	de a pla	n about	how the	y would	l attemp	t suicid	e (durin	g the 12	2 month	S			
											13.3	16.4	20.8	20.1	Increased, 2013-2018	Not available	No change

<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.

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

emale obacco	Use																
				Н	ealth R	isk Beh	avior ar	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN32: survey)	Percent	age of s	tudents	who cur	rently s	moked c	eigarette	s (on at	least 1 o	lay duri	ing the 3	30 days	before t	he			
											18.4	16.1	14.4	10.2	Decreased, 2013-2018	Not available <sup>§</sup>	No change
QNFRC				ents wh	o curren	ntly smo	ked ciga	rettes fi	requentl	y (on 20	or mo	re days	during t	he 30			,
days bei	ore the	sui vey)									6.5	6.8	4.2	3.0	Decreased, 2013-2018	Not available	No change
QNDAY pefore the			ige of st	udents v	vho curi	rently sn	noked ci	garettes	s daily (	on all 30	0 days c	luring th	ne 30 da	ys			
											4.8	4.8	2.5	2.1	Decreased, 2013-2018	Not available	No change
QN34: vape pip eGo, and	es, vapi	ing pens															
												48.7	50.3	59.1	Increased, 2014-2018	Not available	Increased

<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.

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

Health Risk Behavior and Percentages															Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
e-pipes,		pes, vap	ing pen	s, e-hoo	kahs, an	id hooka	h pens	[sucĥ as	blu, NJ		ing e-ci; ise, Mar						
												26.4	23.6	42.4	Increased, 2014-2018	Not available <sup>§</sup>	Increased
	VP: Pe				o currei	ntly used	l electro	nic vap	or produ	icts free	uently (	on 20 o	r more	days			
												3.9	2.7	13.6	Increased, 2014-2018	Not available	Increased
	YEVP:			udents v	who cur	rently u	sed elec	tronic v	apor pro	oducts d	aily (on	all 30 d	ays dur	ring	,		;
												2.9	1.4	9.1	Increased, 2014-2018	Not available	Increased
	: Perceing the 3					smoked	l cigaret	tes or us	sed elec	tronic v	apor pro	oducts (	on at le	east 1			

<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.

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

Temale Tobacco	Use			Н	ealth R	isk Beha	avior ar	nd Perce	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QN36: (such as survey,	a conve	enience	store, su	ıpermarl	ket, disc	ount sto	re, gas	station,	or vape	store, d	uring th	e 30 day					
													2.6	5.5	No linear change	Not available <sup>§</sup>	No change
QN37: dissolva vapor pr	ble toba	cco pro	ducts [si	uch as C	Copenha	gen, Gri	izzly, Sk	coal, or	Camel S					nic			,
													4.2	2.4	No linear change	Not available	No change
QN38: during t					rently si	moked c	eigars (c	igars, ci	garillos.	or little	e cigars,	on at le	ast 1 da	y			
											9.0	7.2	8.4	6.2	No linear change	Not available	No change

<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.

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

## Maryland High School Survey Allegany County Trend Analysis Report

Female Tobacco Use

Health Risk Behavior and Percentages
Linear Change\*
Quadratic Change\*
Change from 2016-2018†

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

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

20.9 17.7 17.2 12.6 Decreased, 2013-2018

Not available§

Decreased

<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.

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

Female Alcohol a	nale ohol and Other Drug Use Health Risk Behavior and Percentages														Linear Change*	Quadratic Change*	Change from 2016-2018 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QN40:	Percenta	age of s	tudents	who had	l their fi	rst drink	of alco	hol befo	ore age	13 years	s (other	than a f	ew sips	)			
											17.3	16.9	14.3	15.3	No linear change	Not available§	No change
QN41: the 30 d				who cur	rently d	rank alc	ohol (at	least or	ne drink	of alco	hol, on	at least	1 day dı	ıring			
uic 30 u	ays son	ore the s	ar (cy)								36.1	33.8	31.0	31.1	No linear change	Not available	No change
QN42: female s day duri	tudents	or five	or more	drinks o	of alcoh												
													16.9	20.0	No linear change	Not available	No change

<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.

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

Female Alcohol a	and Oth	er Dru	g Use														
				Н	ealth R	isk Beh	avior aı	nd Perc	entages						Linear Change <sup>*</sup>	Quadratic Change*	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN45:	Percent	age of s	tudents	who eve	er used i	narijuan	a (one o	or more	times du	aring the	eir life)						
											33.9	34.7	39.4	38.3	No linear change	Not available§	No change
QN46:	Percent	age of s	tudents	who trie	d marij	uana for	the firs	t time b	efore ag	e 13 yea	ars				,		
											7.1	6.8	6.8	8.8	No linear change	Not available	No change
QN47: survey)	Percent	age of s	tudents	who cur	rently u	sed mar	ijuana (	one or n	nore tim	es durir	ng the 3	0 days b	efore th	ne			,
											17.2	20.8	21.4	22.5	Increased, 2013-2018	Not available	No change
QN48:	Percent	age of s	tudents	who eve	er used s	synthetic	mariju	ana (one	e or mor	e times	during	their life	e)				
												12.3	8.8	7.1	Decreased, 2014-2018	Not available	No change

<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.

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

				Н	ealth Ri	isk Beha	vior an	d Perce	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
differen	tly than	how a c	loctor to	who eve old them e or mor	to use it	t (counti	ng drug	s such a									
													14.1	13.3	No linear change	Not available <sup>§</sup>	No change
	Percenta nore tim			who eve	r used c	ocaine (	any form	n of coc	aine, in	cluding	powder	r, crack,	or free	base,			
											4.7	3.1	4.5	3.3	No linear change	Not available	No change
				-								\$71. °4 . "	-	nore			-
	Percenta		tudents	who eve	r used h	eroin (a	lso calle	d "smac	ck," "jur	ık," or "	'China \	vnite,	one or i	nore			
			tudents	who eve	r used h	eroin (a	lso calle	d "smac	ck," "jur	ık," or "	China V	1.1	2.9	1.3	No linear change	Not available	No change
QN53:	ring the	eir life) age of s	tudents	who eve	r used n	nethamp					3.0	1.1	2.9	1.3	No linear change	Not available	No change

<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.

Not enough years of data to calculate.

Female Alcohol a	nd Oth	er Dru	g Use														
				Н	ealth Ri	isk Beh	avior aı	nd Perc	entages	<b>;</b>					Linear Change*	Quadratic Change <sup>*</sup>	Change from 2016-2018 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN54: 1	Percenta	age of s	tudents	who eve	er used e	cstasy (	also call	led "ME	OMA," o	one or m	nore tim	es durir	ng their	life)			
											6.4	4.1	4.6	2.6	Decreased, 2013-2018	Not available <sup>§</sup>	No change
QN56: I body, on						ed any il	llegal dr	ug (used	d a need	lle to inj	ect any	illegal	drug int	o their			
body, on	ie or mc	ne ume	s during	g uien in	(e)						2.2	1.3	3.2	2.2	No linear change	Not available	No change
QN57: I				who we	re offere	ed, sold,	or give	n an ille	gal drug	g on sch	ool proj	perty (d	uring th	e 12			
											17.7	16.8	13.9	14.4	Decreased, 2013-2018	Not available	No change

<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.

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

## **Maryland High School Survey Allegany County Trend Analysis Report**

				Н	ealth Ri	sk Beh	avior ar	d Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
)N58:	Percenta	ige of st	udents v	who eve	r had se	xual int	ercourse	;									
											50.2	41.5	46.0	46.8	No linear change	Not available <sup>§</sup>	No change
QN59:	Percenta	ige of st	udents v	who had	sexual	intercou	irse for t	he first	time be	fore age	e 13 yea	ırs					
											3.5	2.5	3.4	3.4	No linear change	Not available	No change
	Domoonto	ige of st	udents v	who had	sexual	intercou	ırse with	ı four oı	more p	ersons	during t	heir life		-	,		
QN60:	Percenta																

39.2 32.9 36.0 36.2

No linear change

Not available

during the 3 months before the survey)

No change

<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.

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

'emale exual Be	ehaviors	s															
				Н	ealth R	isk Beh	avior aı	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN62: I who wer					nk alcol	nol or us	sed drug	s before	last sex	cual inte	ercourse	e (amon	g studer	nts			
											20.1	16.7	14.3	14.0	No linear change	Not available§	No change
QN63: I				who use	d a cond	dom dur	ing last	sexual i	ntercou	rse (am	ong stud	dents w	no were				
											51.2	46.8	48.9	46.4	No linear change	Not available	No change
QN64: I							oills befo	ore last	sexual i	ntercou	rse (to p	prevent	pregnan	cy,			
											30.8	34.4	33.6	32.3	No linear change	Not available	No change
QNIUDI or Nexpl active)																	
											0.6	2.2	4.7	5.2	Increased, 2013-2018	Not available	No change

<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.

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

				Н	ealth Ri	isk Beha	avior aı	nd Perc	entages						Linear Change*	Quadratic Change <sup>*</sup>	Change fron 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QNSHP control r currently	ring (suc	ch as Nu	vaRing)														
											8.5	9.5	6.3	7.9	No linear change	Not available§	No change
QNOTH implant control r currently	(such as ring (suc	s Implan ch as Nu	on or N vaRing)	explano	n); or a	shot (su	ich as D	epo-Pro	vera), p	atch (su	ich as C	OrthoEv	ra), or b		No linear change	Not available	No change
implant control r	(such as ring (such y sexual ALBC: IUD (such rovera),	s Implan ch as Nu lly active  Percenta uch as M patch (s	on or N vaRing) e) age of st lirena or uch as C	explano ) before  udents v r ParaG	who use ard) or i	shot (su ual inter	course condor such as	epo-Pro (to prevented to prevente to preve	g last see on or N	atch (sugnancy,	39.8 ercourse on); or a	OrthoEv student 46.1 e and bi	ra), or b s who w 44.7 rth cont uch as	45.4 rol	No linear change	Not available	No change

<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.

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

## Maryland High School Survey Allegany County Trend Analysis Report

**Female Sexual Behaviors** Linear Change\* **Health Risk Behavior and Percentages** Quadratic Change\* Change from 2016-2018 <sup>†</sup> 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QNBCNONE: Percentage of students who did not use any method to prevent pregnancy during last sexual intercourse (among students who were currently sexually active) Not available§ 15.5 13.2 14.5 14.1 No linear change No change QN84: Percentage of students who were ever tested for human immunodeficiency virus (HIV) (not counting tests

12.0 15.1 13.6

No linear change

Not available

done if they donated blood)

No change

<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.

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

				Н	ealth Ri	sk Beha	vior an	d Perce	entages						Linear Change <sup>*</sup>	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
						erweigh data fro						tile for l	ody ma	ss			
											15.6	15.6	19.1	18.9	Increased, 2013-2018	Not available <sup>¶</sup>	No change
						besity (>			le for bo	ody mas	ss index	, based	on sex-	and			
											7.8	8.7	12.8	13.9	Increased, 2013-2018	Not available	No change
QN67:	Percenta	ige of st	udents v	vho des	cribed tl	hemselv	es as sli	ghtly or	very ov	erweig	ht	:					•
QN67:	Percenta	ige of st	udents v	vho des	cribed tl	hemselv	es as sli	ghtly or	very ov	verweig	ht 32.5	30.9	34.9	37.7	Increased, 2013-2018	Not available	No change
QN69:		nge of st	,			hemselv	,				32.5				Increased, 2013-2018	Not available	No change

<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.

<sup>&</sup>lt;sup>§</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.

Not enough years of data to calculate.

				Н	ealth Ri	sk Beha	avior ar	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN70:	Percenta	age of st	udents v	who did	not eat	fruit (on	ne or mo	ore times	during	the 7 da	ays befo	ore the s	urvey)				
											14.7	13.4	14.4	10.5	Decreased, 2013-2018	Not available§	Decrease
					id not ea		r drink	100% fr	uit juice	es (such	as oran	ge juice	, apple j	uice,			
					id not ea		or drink	100% fr	uit juice	es (such	as oran	ge juice	, apple j	uice,	No linear change	Not available	No chang
or grape  ONFR1	juice, d	uring th	e 7 days	s before		vey) or drank	100% fi	ruit juic	es one o		8.2	7.1	8.2		No linear change	Not available	No chang

<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.

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

Female Weight M	Ianage	ment ar	nd Dieta	-		isk Beh	avior aı	nd Perc	entages						Linear Change*	Quadratic Change <sup>*</sup>	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QNFR2: orange j										or more	times p	er day (	such as				
											22.9	19.7	17.0	20.0	No linear change	Not available§	No change
QN71:	Percent	age of s	tudents	who did	not eat	green sa	alad (on	e or mo	re times	during	the 7 da	ays befo	re the si	urvey)	,		
											35.9	35.9	42.8	37.0	No linear change	Not available	Decreased
QN72: 1	Percent	age of s	tudents	who did	not eat	potatoe	s (one o	r more t	imes du	ring the	7 days	before	the surv	ey)			
											24.6	30.0	30.6	27.1	No linear change	Not available	No change
QN73: 1	Percent	age of s	tudents	who did	not eat	carrots	(one or	more tir	nes duri	ng the 7	7 days b	efore th	e surve	y)			
											53.9	55.6	56.0	52.4	No linear change	Not available	No change

<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.

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

				Н	ealth Ri	sk Beh	avior ar	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN74: survey)	Percenta	nge of st	udents v	who did	not eat	other ve	getables	s (one o	r more t	imes du	iring the	7 days	before t	he			
•											16.1	14.1	18.7	15.8	No linear change	Not available <sup>§</sup>	No change
	G0: Perc											ng Frenc	h fries,	fried			
											4.7	4.9	7.2	4.8	No linear change	Not available	No change
	G1: Perc																-
TTEHCH																	

<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.

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

				Н	ealth Ri	sk Beh	avior ar	nd Perce	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
	32: Pero fries, frie																
											22.8	20.9	18.5	20.1	No linear change	Not available§	No change
-	33: Percing Fren	_			_				•					the			
											10.1	9.9	7.8	10.2	No linear change	Not available	No change
<i>541</i> ( <i>6</i> ))																	C
QN75:	Percenta									or pop	(such a	s Coke,	Pepsi, o	r			

<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.

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

				Н	ealth Ri	isk Beha	avior an	d Perce	entages						Linear Change*	Quadratic Change*	Change from 2016-201
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QNSOD (such as														ıy			

<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.

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

Female Physical	Activity	7															
				Н	ealth Ri	sk Beh	avior ar	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN78: kind of j	physical	activity	that in														
·											39.7	38.0	31.6	42.5	No linear change	Not available <sup>§</sup>	Increased
QNPA0 1 day (in during th	n any kii	nd of ph	ysical a	ctivity t													,
											14.5	16.3	21.2	17.2	Increased, 2013-2018	Not available	No change
QNPA7 kind of j days bef	physical	activity	that in														
-		J.									21.0	19.7	14.1	21.5	No linear change	Not available	Increased

<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.

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

Female Physical	Activity	ï		Н	ealth R	isk Beh	avior aı	nd Perc	entages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2016-2018 <sup>3</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN79:	Percenta	age of s	tudents	who wa	tched te	levision	3 or mo	ore hour	s per da	y (on ar	ı averag	e schoo	l day)	:			
											31.4	25.8	21.9	20.4	Decreased, 2013-2018	Not available <sup>§</sup>	No change
QN80: (counting Instagra	ng time s	spent on	things	such as ?	Xbox, P	layStati	on, an il	Pad or o	ther tab	let, a sn	nartphoi	ne, texti	ng, Ŷou	ıTube,	Increased, 2013-2018	Not available	No change
QN81: week w					ended ph	nysical e	educatio	n (PE) c	classes o	n 1 or r	nore da	ys (in ar 30.2	averag	ge 29.2	No linear change	Not available	No change

<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.

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

														Linear Change*	Quadratic Change <sup>*</sup>	Change from 2016-2018 †
93	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
				o attend	led phys	sical edu	cation (	PE) clas	sses on	all 5 da	ys (in ar	averag	e			
uiey	were in	school)	)							25.7	27.3	24.0	17.9	Decreased, 2013-2018	Not available <sup>§</sup>	No change
centa	ge of st	udents v	who had	a conci	ıssion fr	om plav	ing a sp	ort or b	eing ph	vsically	active (	one or	more			
											<del> </del>			students who had a concussion from playing a sport or being physically active (one or more		

<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.

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

Female Other																	
				Н	ealth Ri	isk Beha	avior ar	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QN86: during the						st (for a	check-ı	ıp, exan	n, teeth	cleaning	g, or oth	er dent	al work	,			
during a				survey	,							79.8	77.8	81.9	No linear change	Not available <sup>§</sup>	No change
QNNOI work)	ONT: Po	ercentag	ge of stu	dents w	ho neve	r saw a o	dentist (	for a ch	eck-up,	exam, t	eeth cle	aning, o	or other	dental	,		
Work)												1.1	0.9	0.8	No linear change	Not available	No change
QN87:	Percenta	age of s	tudents	who hac	l ever be	en told	by a doo	ctor or n	urse tha	at they h	nad asth	ma			·		·
											26.0	24.9	25.5	24.8	No linear change	Not available	No change

<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.

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

Female Site-Add	ed																
				Н	ealth R	isk Beh	avior aı	nd Perc	entages	;					Linear Change <sup>*</sup>	Quadratic Change*	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN90:	Percenta	age of s	tudents v	who are	transge	nder				•	•		2.7	1.3	No linear change	Not available <sup>§</sup>	No change
	Percenta he surve								g (on at	least 1	day du	ring the	30 days 27.5	27.8	No linear change	Not available	No change
QN94:	Percenta	age of s	tudents	who smo	oked a v	vhole ci	garette l	oefore a	ge 13 ye	ears (for	the firs	st time)	,				
											11.0	9.5	9.6	4.8	Decreased, 2013-2018	Not available	Decreased
QN98: day duri						pacco in	a hooka	ah, narg	hile, or	other ty	pe of w	aterpipe	(on at l	east 1			
													5.0	3.7	No linear change	Not available	No change

<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.

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

ite-Add				Н	ealth Ri	isk Beha	avior ar	d Perc	entages						Linear Change*	Quadratic Change <sup>*</sup>	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	<del>_</del>		
QN99: vapor pi											flavor v	with an e	electron	ic			
												97.8	97.9	98.0	No linear change	Not available§	No change
QN101: oil, or T			students	s who ha	ive ever	used an	electro	nic vapo	or produ	ct to sm	oke ma	rijuana,	THC o	r hash			
ŕ													9.2	16.2	Increased, 2016-2018	Not available	Increased
QN102:				s who th	ink they	definite	ely or pr	obably	will smo	oke a cig	garette,	cigar, c	igarillo,	or			
		·											20.6	15.6	Decreased, 2016-2018	Not available	Decreased
QN103: flavored survey)																	
• ,											11.6	11.3	8.9	6.4	Decreased, 2013-2018	Not available	No change

<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.

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

## **Maryland High School Survey Allegany County Trend Analysis Report**

Female Site-Adde	ed																
				Н	ealth R	isk Beh	avior a	nd Perc	entages						Linear Change*	Quadratic Change <sup>*</sup>	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	<del>_</del> }		
QN104: the surve		ntage of	students	s who tr	ied or us	sed toba	cco pro	ducts for	r the firs	t time (	during t	he 12 m	onths b	efore			
												15.5	10.3	10.1	Decreased, 2014-2018	Not available§	No change
QN105: survey, a												2 month	s before	the			-
											31.3	35.1	35.7	5.8	Decreased, 2013-2018	Not available	Decreased
QN106:	Percer	ntage of	students	s who li	ve with	someon	e who n	ow smo	kes ciga	rettes or	cigars						
											49.2	48.4	44.8	42.8	Decreased, 2013-2018	Not available	No change
QN107: allowed										home i	s that sr	noking	is not				

No linear change

71.5 73.8

No change

Not available

<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.

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

Female Site-Adde	ed																
				Н	ealth R	isk Beh	avior aı	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	8		
QN108: during th					ere in th	e same	room w	ith some	eone wh	o was si	moking	(on at l	east one	e day			
													41.1	40.2	No linear change	Not available <sup>§</sup>	No change
QN110: school y		tage of	students	s who w	ere taug	ht in the	eir classe	es about	the dan	gers of	tobacco	use (d	uring the	e last			
											72.9	68.0	66.6	58.8	Decreased, 2013-2018	Not available	Decreased
QN117: friends	Percen	tage of	students	s who sa	y defini	tely yes	or prob	ably yes	s that yo	ung pec	ple wh	o smok	e have n	nore			
											25.2	22.0	26.3	34.1	Increased, 2013-2018	Not available	Increased
QN118: cool or f		tage of	students	s who sa	y defini	tely yes	or prob	ably yes	s that sm	noking r	nakes y	oung pe	eople lo	ok			
											12.0	8.9	12.3	16.8	Increased, 2013-2018	Not available	Increased

<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.

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

## **Maryland High School Survey Allegany County Trend Analysis Report**

Female Site-Added

Linear Change\* **Health Risk Behavior and Percentages** Quadratic Change\* Change from 2016-2018 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QN119: Percentage of students who would feel comfortable seeking help from one or more adults besides their parents if they had an important question affecting their life 85.4 82.0 80.4 Decreased, 2013-2018 Not available§ No change 86.4

<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.

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

White* Injury ar	nd Viol	ence															
				H	Iealth F	Risk Bel	navior a	nd Per	centage	S					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	<del>_</del> 3		
QN9: Pe							ho had l	been dri	nking a	lcohol (i	in a car	or other	vehicle	e, one			
		C	J			3,					19.4	18.2	12.3	13.7	Decreased, 2013-2018	Not available¶	No chang
QN10: I times du days befo	ring the	30 day:															ı
											7.9	10.4	4.7	7.4	No linear change	Not available	No chang
QN11: I the 30 da survey)															,		
-37											37.0	32.3	27.6	28.7	Decreased, 2013-2018	Not available	No chang

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

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

White* Injury and Vi	olence		H	Iealth R	tisk Bel	navior a	nd Pero	centage	s					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2016-2018 §
1991 1993	3 1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN13: Percer					eapon o	n school	proper	ty (such	as a gu	n, knife	, or clul	o, on at	least 1			
day during the	30 days	before ti	ie surve	у)						3.1	3.2	3.8	3.5	No linear change	Not available¶	No change
QN14: Percer or for a sport s												for hu	nting			
												4.5	3.5	No linear change	Not available	No chang
QN16: Percer knife, or club,									on scho	ol propo	erty (suc	h as a g	gun,	,		

<sup>\*</sup>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.

<b>3 3</b>	nd Viol	ence		H	lealth R	Risk Bel	navior a	nd Per	centage	s					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
	Percenta before the			who wer	e in a p	hysical	fight on	school	property	y (one o	r more	times du	ring the	: 12	•		
monuis	ocioie u	iic sui ve	·y)								9.4	8.3	7.0	7.6	No linear change	Not available <sup>¶</sup>	No change
someon with an	Percenta e they w object o t with so	ere dati r weapo	ng or go on] one o	oing out or more	with [co	ounting uring the	such thi e 12 mo	ngs as b nths bef	eing hit	, slamm	ned into	someth	ing, or i	njured	No linear change	Not available	No change

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

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

White* Injury a	nd Viol	ence															
				H	<b>Iealth F</b>	Risk Bel	navior a	nd Per	centage	S					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN24: I											d throug	gh textir	ıg, Insta	gram,			
											13.7	16.3	17.3	18.4	Increased, 2013-2018	Not available¶	No change
QN25: I											eks in a	row so	that the	y			
											24.5	25.4	32.0	34.6	Increased, 2013-2018	Not available	No change
QN26: I	Percenta	age of st	udents	who ser	iously c	onsidere	ed attem	pting su	icide (e	ver duri	ing the	12 mont	hs befor	e the			
											13.5	16.0	20.4	20.4	Increased, 2013-2018	Not available	No change
QN27: 1			udents	who ma	de a pla	n about	how the	y would	d attemp	t suicid	e (durir	ng the 12	2 month	S			,
											11.6	12.1	15.6	14.8	Increased, 2013-2018	Not available	No change

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

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

White* Fobacco	Use																
				I	Health I	Risk Bel	navior a	nd Per	Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2016-2018 §						
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN32: Survey)	Percent	age of s	tudents	who cur	rently s	moked o	cigarette	s (on at	least 1 o	lay duri	ing the 3	30 days	before t	he			
											19.0	15.6	12.2	10.2	Decreased, 2013-2018	Not available <sup>¶</sup>	No change
QNFRC				ents wh	o currer	ntly smo	ked ciga	rettes fi	requentl	y (on 20	or moi	re days	during tl	ne 30			
au jo oci	ore the	sur (ey)									7.2	6.9	3.5	3.6	Decreased, 2013-2018	Not available	No chang
QNDAY before th			ige of st	udents v	who cur	rently sn	noked ci	igarettes	s daily (	on all 3	0 days d	luring th	ie 30 da	ys	,		
											5.7	5.1	1.9	2.9	Decreased, 2013-2018	Not available	No change
QN34: vape pip eGo, and	es, vapi	ing pens															
												48.5	48.1	55.1	Increased, 2014-2018	Not available	Increase

<sup>\*</sup>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 Allegany County Trend Analysis Report

White\* **Tobacco Use Health Risk Behavior and Percentages** Linear Change<sup>†</sup> Quadratic Change<sup>†</sup> Change from 2016-2018 § 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QN35: Percentage of students who currently used an electronic vapor product (including e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs, and hookah pens [such as blu, NJOY, Vuse, MarkTen, Logic, Vapin Plus, eGo, and Halo], on at least 1 day during the 30 days before the survey) 27.6 23.5 40.0 Increased, 2014-2018 Not available ¶ Increased QNFREVP: Percentage of students who currently used electronic vapor products frequently (on 20 or more days during the 30 days before the survey) 5.9 4.1 16.0 Increased, 2014-2018 Not available Increased QNDAYEVP: Percentage of students who currently used electronic vapor products daily (on all 30 days during the 30 days before the survey) Not available 2.7 12.1 Increased, 2014-2018 Increased QNTB5: Percentage of students who currently smoked cigarettes or used electronic vapor products (on at least 1 day during the 30 days before the survey) 31.3 27.1 41.3 Increased, 2014-2018 Not available Increased

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

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

 $<sup>{}^{\</sup>S}B$  ased on t-test analysis, p < 0.05.

Not enough years of data to calculate.

## Maryland High School Survey Allegany County Trend Analysis Report

White\* **Tobacco Use Health Risk Behavior and Percentages** Linear Change<sup>†</sup> Quadratic Change<sup>†</sup> Change from 2016-2018 § 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QN36: Percentage of students who usually got their own electronic vapor products by buying them in a store (such as a convenience store, supermarket, discount store, gas station, or vape store, during the 30 days before the survey, among students who currently used electronic vapor products and who were aged <18 years) 6.4 5.9 No linear change Not available ¶ No change ON37: Percentage of students who currently used smokeless tobacco (chewing tobacco, snuff, dip, snus, or dissolvable tobacco products [such as Copenhagen, Grizzly, Skoal, or Camel Snus], not counting any electronic vapor products, on at least 1 day during the 30 days before the survey) 9.4 8.1 No linear change Not available No change QN38: Percentage of students who currently smoked cigars (cigars, cigarillos, or little cigars, on at least 1 day during the 30 days before the survey) 11.8 10.3 10.1 7.1 Decreased, 2013-2018 Not available Decreased

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

 $<sup>^{\</sup>dagger}$ 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 Allegany County Trend Analysis Report**

White\* **Tobacco Use** 

**Health Risk Behavior and Percentages** 

Linear Change<sup>†</sup>

Quadratic Change<sup>†</sup>

**Change from** 2016-2018 §

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

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

22.8 19.0 17.1 12.8 Decreased, 2013-2018

Not available¶

Decreased

<sup>\*</sup>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.

Not enough years of data to calculate.

Alcohol and	cohol and Other Drug Use  Health Risk Behavior and Percentages													Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2016-2018 §	
1991 1	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN40: Per	rcenta	ge of st	udents v	who had	l their fi	rst drink	of alco	hol befo	ore age	13 years	(other	than a fe	ew sips)				
											10.5	10.0	1.4.4	17.2	D 1 2012 2010	NT - 9 11 ¶	No shana
											19.5	19.9	14.4	17.3	Decreased, 2013-2018	Not available¶	No chang
				who cur	rently d	rank alc	ohol (at	least or	e drink	of alcol					Decreased, 2013-2018	Not available	No chang
QN41: Per the 30 days				who cur	rently d	rank alc	ohol (at	least or	e drink	of alcol	nol, on a	nt least 1	day du	ring			
	s before	age of st	urvey)	who cur	rently w	vere bing	ge drink	ing (had	four or	more d	35.7	33.0	day du 29.1	30.6	Decreased, 2013-2018  Decreased, 2013-2018	Not available  Not available	No ch

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

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

White* Alcohol	and Ot	her Dru	ıg Use														
	Health Risk Behavior and Percentages														Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	<u> </u>		
QN45:	Percenta	age of s	tudents	who eve	r used r	narijuan	a (one c	or more	times du	iring the	eir life)						
											34.4	34.1	35.1	36.2	No linear change	Not available¶	No chang
QN46:	Percent	age of s	tudents	who trie	d mariji	ıana for	the first	time be	efore ago	e 13 yea	ars						
											7.9	8.4	7.3	8.8	No linear change	Not available	No chang
QN47: survey)	Percent	age of s	tudents	who cur	rently u	sed mar	ijuana (d	one or n	nore tim	es durir	ng the 30	0 days b	efore th	ie			
<i></i>											18.2	20.1	19.9	20.9	No linear change	Not available	No chang
QN48:	Percent	age of s	tudents	who eve	er used s	ynthetic	marijua	ana (one	or more	e times	during t	their life	e)				
												11.8	8.7	6.9	Decreased, 2014-2018	Not available	No chang

<sup>\*</sup>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.

riconor	lcohol and Other Drug Use  Health Risk Behavior and Percentages												Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2016-2018 §		
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
differen	tly than	how a d	loctor to	who eve	to use i	t (count	ing drug	s such a									
													12.8	12.7	No linear change	Not available¶	No chang
		age of st		who eve	r used c	ocaine (	any fori	m of coo	caine, in	cluding	powde	r, crack,	or free	base,			
one or r	noic tim	co aarin	is then.														
one or r	nore um	co darii	ig then	,							5.2	5.0	4.7	5.1	No linear change	Not available	No chang
QN52:		age of st		who eve	r used h	neroin (a	lso calle	ed "sma	ck," "ju	nk," or '					No linear change	Not available	No chang
QN52:	Percenta	age of st			r used h	eroin (a	lso calle	ed "smac	ck," "jui	nk," or '					No linear change	Not available  Not available	No chang
QN52: imes do	Percentairing the	age of st cir life)	tudents		r used n	nethamp					"China V	White,"	one or 1	more 2.4			

<sup>\*</sup>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.

				I	Health R	Risk Beh	avior a	nd Pero	centage	S					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN54: 1	Percenta	age of s	tudents	who eve	er used e	cstasy (	also call	ed "MD	MA," c	ne or n	nore tim	nes durin	ng their	life)			
											7.2	5.8	5.0	4.5	Decreased, 2013-2018	Not available <sup>¶</sup>	No change
 QN56: 1	Percenta	age of s	tudents	who eve	er injecte	ed any il	legal dr	ug (useo	l a need	le to inj					Decreased, 2013-2018	Not available <sup>¶</sup>	No chang
QN56: I						ed any il	legal dr	ug (usec	l a need	le to inj	ect any	illegal	drug int	o their	,		No change
						ed any il	legal dr	ug (useo	l a need	le to inj					Decreased, 2013-2018  No linear change	Not available <sup>¶</sup> Not available	No chang  No chang
body, on	e or mo	age of s	es during	g their li							ect any 2.5	illegal	drug int	o their	,		

<sup>\*</sup>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 Allegany County Trend Analysis Report

**Sexual Behaviors Health Risk Behavior and Percentages** Linear Change<sup>†</sup> Quadratic Change<sup>†</sup> Change from 2016-2018 § 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QN58: Percentage of students who ever had sexual intercourse 43.3 No linear change Not available ¶ No change 48.0 43.9 QN59: Percentage of students who had sexual intercourse for the first time before age 13 years 3.4 3.1 4.0 No linear change Not available No change 5.3

13.5 9.1

8.5

QN61: Percentage of students who were currently sexually active (had sexual intercourse with at least one person, during the 3 months before the survey)

QN60: Percentage of students who had sexual intercourse with four or more persons during their life

35.7 30.4 32.5 33.3 No linear change Not available No change

Not available

Decreased, 2013-2018

White\*

No change

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

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

 $<sup>{}^{\</sup>S}B$  ased on t-test analysis, p < 0.05.

Not enough years of data to calculate.

White* Sexual B	Sehavio	rs															
	Health Risk Behavior and Percentages													Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2016-2018 §	
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN62: I					nk alcol	nol or us	sed drug	s before	last sex	xual inte	ercourse	(amon	g studer	nts			
											20.9	21.7	16.9	17.0	No linear change	Not available¶	No chang
N63: 1	Percenta y sexual	age of s	tudents e)	who use	d a cond	dom dur	ring last	sexual i	ntercou	rse (am	ong stu	dents w	no were				,
											54.9	50.7	55.0	49.5	No linear change	Not available	No chang
QN64: I	Percenta	age of s	tudents	who use	d birth o	control p	oills bef	ore last	sexual i	ntercou	rse (to p	prevent	oregnan	cy,			,
											27.5	29.6	32.2	28.7	No linear change	Not available	No chang
				dents w													
											1.1	1.1	3.2	4.6	Increased, 2013-2018	Not available	No chang

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

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

				H	Iealth F	Risk Bel	havior a	nd Per	centage	S					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
control r	ring (suc		nge of str vaRing)														
											7.0	7.1	5.6	5.8	No linear change	Not available¶	No chan
NOTE	HIDL.	D	f · ·	- 4	.h	ا بالداداد		:11a. a.:	IIID (	ala a a 3.4			(b				
mplant control r	(such as	s Implan ch as Nu	nge of str non or N non or N	explano	n); or a	shot (st	ich as Ď	epo-Pro	vera), p	atch (su	ch as C	OrthoEv:	ra), or b				
mplant control r	(such as	s Implan	on or N vaRing)	explano	n); or a	shot (st	ich as Ď	epo-Pro	vera), p	atch (su	ch as C	OrthoEv student	ra), or b		No linear change	Not available	No chan
implant control r currently	(such as ring (suc y sexual	s Implanch as Nu	non or N ivaRing) e)	explano ) before	on); or a last sex	shot (su	ich as D	epo-Pro (to prev	vera), p	atch (su	ch as Camong 35.6	OrthoEve student 37.9	ra), or b s who w 41.0	39.1	No linear change	Not available	No chan
eontrol recurrently  QNDUA  poills; an  Depo-Pr	(such as ing (such y sexual ALBC: IUD (such rovera),	s Implanch as Nully active  Percentauch as Martine patch (s	on or N vaRing)	explano ) before  udents v r ParaG: OrthoEv	who use ard) or i	shot (su cual inte	a condor (such as	epo-Pro (to prev m during Implan	g last ser	atch (su gnancy, s xual inte	35.6 ercoursen); or a	37.9 e and bit is shot (s	ra), or b s who w 41.0 rth cont uch as	39.1	No linear change	Not available	No char

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

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

				H	lealth R	Risk Bel	navior a	nd Per	centage	S					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
							any me		prevent	pregnar	ncy duri	ng last	sexual	•			
							any me		prevent	pregnar				15.7	No linear change	Not available¶	No chan
									prevent	pregnar	ncy duri	ng last	sexual	15.7	No linear change	Not available <sup>¶</sup>	No cha
N84: I	rse (amo	ong stud	lents wh	o were	currently	y sexual	lly activ	e)			14.8	13.3			No linear change	Not available <sup>¶</sup>	No chai

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

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

				H	lealth R	Risk Bel	avior a	nd Pero	centage	s					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
		entage o										tile for l	oody ma	iss			
											14.8	15.9	17.5	16.3	No linear change	Not available	No chang
		rcentage erence d							le for b	ody mas	ss index	, based 13.1	on sex-	and 17.7	Increased, 2013-2018	Not available	No chan
age-spe	eific refe		ata from	the 200	00 CDC	growth	charts)	ĺ			12.9				Increased, 2013-2018	Not available	No chanş
ige-spe	eific refe	erence d	ata from	n the 200	00 CDC	growth	charts)	ĺ			12.9				Increased, 2013-2018 Increased, 2013-2018	Not available  Not available	No chan
QN67:	eific refe	age of st	ata from	who des	cribed th	growth	charts)	ghtly or	· very ov	verweig	12.9 ht 28.5	13.1 27.9	30.4	17.7 32.2			

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

 $<sup>^{\</sup>dagger}$ 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.

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.

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

				H	lealth R	disk Beh	avior a	nd Pero	centage	s					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
)N70:	Percenta	ge of st	udents v	who did	not eat	fruit (on	e or mo	re times	during	the 7 da	ays befo	ore the s	urvey)				
											15.3	14.7	12.6	13.9	No linear change	Not available <sup>¶</sup>	No chan
						nt fruit o	r drink 1	100% fr	uit juice	es (such	as oran	ge juice	, apple	juice,			
					id not ea		r drink 1	100% fr	uit juice	es (such	as oran	ge juice 8.3	, apple ;	juice,	No linear change	Not available	No chang
or grape	juice, d	uring th	e 7 days	s before	the surv	/ey)					8.8	8.3	7.3		No linear change	Not available	No chan
or grape  ONFR1:	juice, d	uring th	students	s before	the surv		100% fr	ruit juice	es one o		8.8	8.3	7.3		No linear change	Not available	No chan

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

				H	lealth R	Risk Beh	navior a	nd Pero	centage	s					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
		ntage of								or more	times p	er day (	such as				
											21.9	20.1	20.1	18.8	No linear change	Not available¶	No change
0.171	D .						1 1/	,			.1 7 1	1.6	.1				
QN71:	Percent	age of s	tudents	who did	not eat	green sa	alad (one	e or mor	re times	during		-		•			
QN71:	Percent	rage of s	tudents	who did	not eat	green sa	alad (one	e or moi	re times	during	the 7 da	ays befo	re the si	urvey) 42.9	No linear change	Not available	No chang
		age of s									42.9	41.8	43.6	42.9	No linear change	Not available	No chang
											42.9	41.8	43.6	42.9	No linear change  Increased, 2013-2018	Not available  Not available	No chang
QN72:	Percent	age of s	tudents	who did	not eat	potatoes	s (one or	r more t	imes du	ring the	42.9 7 days 24.5	41.8 before t	43.6 the surv 29.0	42.9 ey) 30.3			
QN72:	Percent		tudents	who did	not eat	potatoes	s (one or	r more t	imes du	ring the	42.9 7 days 24.5	41.8 before t	43.6 the surv 29.0	42.9 ey) 30.3			,

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

				Н	ealth R	isk Beh	avior a	nd Perc	entages	S					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN74: survey)	Percenta	age of st	udents v	vho did	not eat	other ve	getables	(one or	more t	imes du	ring the	7 days	before t	the			
survey)											18.2	18.4	19.0	19.9	No linear change	Not available¶	No change
QNVEO	60: Perc											g Frenc	h fries,	fried			
	s, or pou	ito viiip.	,, <b>c</b> arro	•													
potatoes	s, or pou	omp.	, <b>, , ,</b>	,							6.7	7.6	7.2	7.8	No linear change	Not available	No change
potatoes QNVEC	G1: Perc	centage (	of stude	nts who							n salad.	, potato	es [excl	uding	No linear change	Not available	No change

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

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

				H	lealth R	kisk Bel	navior a	nd Pero	centage	s					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	<u> </u>		
QNVEO																	
											21.4	21.4	20.3	19.9	No linear change	Not available¶	No change
QNVEO [excludi survey)														the			,
[excludi														the 9.2	No linear change	Not available	No change
[excludi	ing Fren	ch fries,	fried po	vho did	or potate	o chips]	, carrots	or glass	er veget	ables, d	9.5	9.8	9.4	9.2	No linear change	Not available	No chang

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

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

				H	lealth R	Risk Beh	avior a	nd Perc	entages	\$					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2016-2018 §
1991 1	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	<del>_</del>		
NSODA		_				,	,	_						ıy	:		
uch as C	Coke, P	Pepsi, or	Sprite,	not cou	nting die	et soda o	or diet p	op, duri	ng the 7	days be	efore the	e survey	·)				
											29.2	28.5	22.5	23.0	Decreased, 2013-2018	Not available¶	No char

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

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

Vhite* Physical	Activity	y		H	Iealth R	Risk Bel	navior a	nd Per	centage	s					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN78: 1 kind of p	physical	activity															
aujs sei		gui (ey)									48.2	46.7	40.9	49.3	No linear change	Not available <sup>¶</sup>	Increase
QNPA01 1 day (ir during tl	n any kii	nd of ph	ysical a	ctivity t													
											12.6	15.6	17.1	14.7	No linear change	Not available	No chang
QNPA71 kind of p	physical	activity															
											27.6	25.9	23.5	26.8	No linear change	Not available	No chan

<sup>\*</sup>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.

Physical Act	tivity	•		H	lealth R	tisk Beh	avior a	nd Pero	centage	S					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2016-2018 §
1991 199	93	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN79: Perc	centag	ge of st	udents	who wat	ched tel	evision	3 or mo	re hour	s per da	y (on an	averag	e schoo	ol day)	·			
											31.2	25.8	22.5	17.8	Decreased, 2013-2018	Not available¶	Decrease
															, , , , , , , , , , , , , , , , , , , ,		
QN80: Perc (counting tin Instagram, F	me sp	ent on	things s	such as 2	Xbox, Pl	layStatio	on, an iF	Pad or o	ther tab	et, a sn	nartphoi	ne, texti	ng, You	ıTube,	Increased, 2013-2018	Not available	No chan
(counting tin	me sp Faceb	ge of st	things s r other s	such as 2 ocial mo	Xbox, Pledia, for	layStation someth	on, an iF ing that	Pad or o	ther tabl	et, a sm work, o	nartphoi on an av 36.8	ne, texti verage s 41.7	ng, You chool d 45.3	ay) 47.1		Not available	No chan

<sup>\*</sup>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.

•	Activity	•		H	lealth R	Risk Bel	navior a	nd Per	centage	es					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	201	8		
-					o attend	ded phys	sical edu	cation (	(PE) cla	sses on	all 5 da	ys (in aı	n averaş	ge	·		
-			e of stud		o attend	led phys	sical edu	ication (	(PE) cla	sses on	all 5 da	ys (in ai	averaş	ge 23.1	Decreased, 2013-2018	Not available¶	No chang
eek wh	en they	were ir	school)	)					,		32.3	31.4	29.1	23.1	Decreased, 2013-2018	Not available¶	No chang
N83: I	Percenta	were in	school)	who had	a conc				,	esses on	32.3	31.4	29.1	23.1	Decreased, 2013-2018	Not available¶	No char

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

White* Other																	
				H	Iealth R	Risk Bel	navior a	nd Pero	centage	s					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN86: 1 during th						ist (for a	check-ı	ıp, exan	n, teeth	cleaning	g, or oth	er dent	al work	,			
					,							79.8	79.9	78.7	No linear change	Not available¶	No change
QNNOE work)	ONT: Po	ercentag	ge of stu	dents w	ho neve	r saw a	dentist (	for a ch	eck-up,	exam, t	eeth cle	aning, o	or other	dental			
,												1.9	0.7	1.2	No linear change	Not available	No change
	Percenta	age of st	tudents v	who had	l ever be	en told	by a doc	ctor or n	urse tha	it they h	ad asth	ma			+		
QN87: 1						cii tolu				,							

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

## **Maryland High School Survey Allegany County Trend Analysis Report**

White\*

nic-Au	ite-Added  Health Risk Behavior and Percentages														Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN90:	Percent	age of st	tudents	who are	transge	nder							2.7	1.4	Decreased, 2016-2018	Not available <sup>¶</sup>	Decreased
						cell pho car or o			g (on at	least 1	day dur	ing the î	30 days 29.6	30.3	No linear change	Not available	No change
QN94:	Percent	age of si	tudents	who sm	oked a v	whole ci	garette b	efore aş	ge 13 ye	ears (for		t time) 11.5	9.6	6.1	Decreased, 2013-2018	Not available	Decreased
QN98: day duri						pacco in	a hooka	h, nargl	nile, or o	other ty	pe of wa	aterpipe	(on at le	east 1 4.3	No linear change	Not available	No change

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

## Maryland High School Survey Allegany County Trend Analysis Report

White\* Site-Added **Health Risk Behavior and Percentages** Linear Change<sup>†</sup> Quadratic Change<sup>†</sup> Change from 2016-2018 § 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QN99: Percentage of students who usually use a kind of flavoring other than tobacco flavor with an electronic vapor product (among students who have ever used an electronic vapor product) 96.5 96.8 96.7 No linear change Not available ¶ No change QN101: Percentage of students who have ever used an electronic vapor product to smoke marijuana, THC or hash oil, or THC wax 17.1 Increased, 2016-2018 Not available 8.6 Increased QN102: Percentage of students who think they definitely or probably will smoke a cigarette, cigar, cigarillo, or little cigar in the next year 21.5 17.6 Decreased, 2016-2018 Not available No change QN103: Percentage of students who used flavored tobacco products (flavored cigars, cigarillos, or little cigars, flavored smokeless tobacco products, or both, not counting menthol cigarettes, during the 30 days before the survey) Decreased, 2013-2018 Not available No change 17.6 16.5 10.6 8.7

<sup>\*</sup>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.

Not enough years of data to calculate.

# Maryland High School Survey Allegany County Trend Analysis Report

White\* Site-Added **Health Risk Behavior and Percentages** Linear Change<sup>†</sup> Quadratic Change<sup>†</sup> Change from 2016-2018 § 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QN104: Percentage of students who tried or used tobacco products for the first time (during the 12 months before the survey) Not available ¶ 15.8 9.3 8.2 Decreased, 2014-2018 No change QN105: 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) 7.2 Decreased, 2013-2018 Not available Decreased 30.0 33.1 32.8 QN106: Percentage of students who live with someone who now smokes cigarettes or cigars 47.2 44.3 40.8 41.7 Decreased, 2013-2018 Not available No change QN107: Percentage of students who report the rule about smoking inside their home is that smoking is not

75.2 75.3

No linear change

Not available

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

No change

<sup>\*</sup>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.

Not enough years of data to calculate.

# Maryland High School Survey Allegany County Trend Analysis Report

White\* Site-Added **Health Risk Behavior and Percentages** Linear Change<sup>†</sup> Quadratic Change<sup>†</sup> Change from 2016-2018 § 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QN108: Percentage of students who were in the same room with someone who was smoking (on at least one day during the 7 days before the survey) No linear change Not available ¶ No change 36.0 37.3 QN110: Percentage of students who were taught in their classes about the dangers of tobacco use (during the last school year) 75.0 66.0 67.7 58.7 Decreased, 2013-2018 Not available Decreased QN117: Percentage of students who say definitely yes or probably yes that young people who smoke have more friends 27.2 22.8 24.5 31.2 Increased, 2013-2018 Not available Increased QN118: Percentage of students who say definitely yes or probably yes that smoking makes young people look cool or fit in 14.8 10.8 14.4 20.1 Increased, 2013-2018 Not available Increased

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

 $<sup>^{\</sup>dagger}$ 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.

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# Maryland High School Survey Allegany County Trend Analysis Report

White\* Site-Added

**Health Risk Behavior and Percentages** 

Linear Change† Qu

Quadratic Change<sup>†</sup>

Change from 2016-2018 §

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

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

84.7 84.9 83.0 81.0 Decreased, 2013-2018

Not available¶

No change

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

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

 $<sup>{}^{\</sup>S}$ Based on t-test analysis, p < 0.05.

Not enough years of data to calculate.