Maryland High School Survey Worcester County Trend Analysis Report

				Н	ealth Ri	sk Beha	ovior an	d 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	-		
					1.1				1 . 1	1 17		.1	1 . 1				
	ercentag times di		ıdents wl e 30 day				ho had t	een drii	iking ald	cohol (1	n a car o	or other	venicle	, one			

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) 16.7 10.4 9.5 8.5 Decreased, 2013-2018 Not available No change

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

[§]Not enough years of data to calculate.

1991 1993 19 2N11: Percentage on the 30 days before the urvey)	who texte	d while di		2009	2011	2013	2014	2016	2018	_		
he 30 days before t				ear or of								
3 /		au uriveii	a car or									
						46.9	39.8	32.9	37.5	Decreased, 2013-2018	Not available§	No change
QN13: Percentage of lay during the 30 day		on schoo	l propert	y (such	as a gun	ı, knife,	, or club	o, on at l	least 1			
						6.5	4.8	7.9	5.6	No linear change	Not available	No change

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

[§]Not enough years of data to calculate.

njury ar	nd Viole	ence		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	•		
QN16: knife, o										on scho	ol prop	erty (su	ch as a g	gun,			
											9.7	8.0	8.1	7.8	No linear change	Not available§	No change
QN18: months				who wer	e in a p	hysical	fight on	school	property	(one or	r more	times di	iring the	e 12			
											11.9	11.6	12.1	10.9	No linear change	Not available	No change
								-						-			
someon with an	Percenta e they w object o	ere dati r weapo	ng or go on] one o	oing out or more	with [co	ounting aring the	such this 12 more	ngs as b nths bef	eing hit	, slamm	ed into	someth	ing, or i	njured			

^{*}Based on trend 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.

Total Injury an	nd Viole	ence		Н	ealth R	isk Beh	avior aı	nd Perce	entages						Linear Change*	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	<u> </u>		
QN23:	Percenta	age of st	tudents	who we	re bullie	d on sch	nool pro	perty (e	ver duri	ng the 1	2 mont	hs befo	re the su	ırvey)			
											27.5	24.2	22.5	20.9	Decreased, 2013-2018	Not available [§]	No change
QN24: Faceboo											d throug	gh textir	ıg, Insta	ıgram,			
											19.5	16.2	19.1	16.8	No linear change	Not available	No change
QN25:											eks in a	row so	that the	У			
											27.0	26.6	30.1	29.8	No linear change	Not available	No change

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

Maryland High School Survey Worcester County Trend Analysis Report

Total **Injury and Violence** 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 QN26: Percentage of students who seriously considered attempting suicide (ever during the 12 months before the survey) Not available§ 16.8 17.4 19.0 18.9 No linear change No change QN27: Percentage of students who made a plan about how they would attempt suicide (during the 12 months before the survey) 13.8 13.9 15.6 16.2 No linear change Not available No change

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

[§]Not enough years of data to calculate.

otal 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			
											21.3	14.7	13.3	7.7	Decreased, 2013-2018	Not available [§]	Decreased
				ents wh	o currer	ntly smo	ked ciga	rettes fr	requentl	y (on 20	or moi	re days	during t	he 30			
days bef	ore the	survey)									7.2	5.7	3.8	2.3	Decreased, 2013-2018	Not available	No change
QNDAY before tl			age of st	udents v	who curi	rently sn	noked ci	garettes	s daily (on all 30	0 days d	luring th	ne 30 da	ys	,		
											5.4	4.2	2.6	1.7	Decreased, 2013-2018	Not available	No change
QN34: vape pip eGo, and	es, vap	ing pens															
												43.1	45.3	54.9	Increased, 2014-2018	Not available	Increased

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

[§]Not enough years of data to calculate.

Fotal Fobacco	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	3		
QN35: e-pipes, Plus, eC	vape pi	pes, vaj	ping pen	s, e-hoo	kahs, ar	nd hooka	h pens	[such as	blu, NJ								
												27.1	26.0	37.3	Increased, 2014-2018	Not available§	Increased
QNFRE during t					o curre	ntly used	l electro	nic vap	or produ	icts free	quently ((on 20 c	or more	days			
												4.3	3.9	12.4	Increased, 2014-2018	Not available	Increased
QNDAY the 30 d				tudents	who cur	rently u	sed elec	tronic v	apor pro	oducts d	aily (on	all 30 c	lays dui	ring	.		
												3.4	2.5	9.1	Increased, 2014-2018	Not available	Increased
QNTB5						smoked	l cigaret	tes or us	sed elec	tronic v	apor pro	oducts	(on at le	east 1	.		
-	-	-										31.3	30.1	38.7	Increased, 2014-2018	Not available	Increased

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

[§]Not enough years of data to calculate.

Maryland High School Survey Worcester 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 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) Not available§ 12.5 9.1 No linear change No change QN37: 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) 7.7 5.1 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) 16.3 11.2 10.3 6.9 Decreased, 2013-2018 Not available No change

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

[§]Not enough years of data to calculate.

Maryland High School Survey Worcester 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)

27.7 19.1 16.8 11.2 Decreased, 2013-2018

Not available§

Decreased

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

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

Total Alcohol a	nd Oth	er Druş	g 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	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)			
											23.1	20.1	18.7	14.9	Decreased, 2013-2018	Not available [§]	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	ıring			
											44.9	34.2	33.1	32.0	Decreased, 2013-2018	Not available	No change
QN42: female s day duri	tudents	or five	or more	drinks o	of alcoh												
													19.5	19.2	No linear change	Not available	No change

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

[§]Not enough years of data to calculate.

Total Alcohol a	and Oth	ner 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	3		
QN45:	Percent	age of s	tudents	who eve	er used i	narijuan	a (one o	or more	times du	iring the	eir life)						
											45.6	37.5	35.5	39.4	No linear change	Not available [§]	No change
QN46:	Percent	age of s	tudents	who trie	ed marij	uana for	the firs	t time b	efore ag	e 13 yea	ars						
											10.7	12.1	8.0	8.9	Decreased, 2013-2018	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	ie			
											26.2	23.0	21.2	26.4	No linear change	Not available	Increased
QN48:	Percent	age of s	tudents	who eve	er used s	synthetic	mariju	ana (one	e or mor	e times	during	their life	e)				
												12.7	9.0	8.0	Decreased, 2014-2018	Not available	No change

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

[§]Not enough years of data to calculate.

				Н	ealth R	isk Beh	avior ar	d Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	- 3		
QN49: different Hydroco	tly than	how a d	loctor to	ld them	to use i	t (count	ng drug	s such a									
													14.0	14.6	No linear change	Not available [§]	No change
QN50: one or n					er used o	cocaine (any fori	n of coo	caine, in	cluding	powde	r, crack,	or freel	base,			
											8.6	7.7	6.9	6.1	Decreased, 2013-2018	Not available	No change
QN52: times du			tudents	who eve	er used h	neroin (a	lso calle	ed "sma	ck," "jur	nk," or '	"China '	White,"	one or r	nore			
											5.2	5.3	3.0	3.7	Decreased, 2013-2018	Not available	No change
QN53: "ice," or							hetamir	nes (also	called	"speed,	" "crysta	al meth,	" "crank	ς,"			
											6.6	4.8	4.3	3.9	Decreased, 2013-2018	Not available	No change

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

[§]Not enough years of data to calculate.

Total Alcohol a	nd Oth	er Drug	g Use														
				H	ealth R	isk Beh	avior ar	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN54:	Percenta	age of st	tudents v	who eve	r used e	ecstasy (also cal	led "ME	MA," c	one or m	nore tim	es durir	g their	life)			
											11.4	8.8	6.6	5.5	Decreased, 2013-2018	Not available§	No change
QN56: body, or						ed any il	llegal dr	ug (used	l a need	le to inj	ect any	illegal	lrug int	o their			
couy, or	ic or me		guaring	then m	<i>c</i>)						4.8	3.7	3.6	3.6	No linear change	Not available	No change
QN57:	Percenta	age of st	tudents v	who we	e offere	ed. sold.	or give	n an ille	gal drug	on sch	ool proi	perty (d	aring th	e 12			
months		_			011010	, 551 a ,	01 81,01		541 4145	, 011 5011	oor proj	p010) (a		- 1-			
											29.2	23.2	23.8	24.8	No linear change	Not available	No change

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

[§]Not enough years of data to calculate.

Maryland High School Survey Worcester County Trend Analysis Report

Total

Sexual Be	ehavior	s		Н	ealth R	isk Beha	avior ar	ıd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN58:	Percenta	age of s	tudents	who eve	er had se	exual int	ercourse	;			50.6	41.9	40.7	40.0	Decreased, 2013-2018	Not available [§]	No change
QN59: 1	Percenta	age of s	tudents	who had	l sexual	intercou	rse for t	he first	time be	fore age	e 13 yea	7.6	4.7	4.4	Decreased, 2013-2018	Not available	No change
QN60:	Percenta	age of s	tudents	who had	l sexual	intercou	rse with	four o	r more p	ersons	during t	heir life	:				
											17.2	13.4	10.0	9.9	Decreased, 2013-2018	Not available	No change
QN61: during tl					re currei	ntly sexu	ially act	ive (had	d sexual	interco	urse wit	th at lea	st one pe	erson,			
											37.0	31.3	30.4	30.8	Decreased, 2013-2018	Not available	No change

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

[§]Not enough years of data to calculate.

Fotal Sexual Bo	ehavior	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: who wer					nk alcol	nol or us	sed drug	s before	e last sex	cual inte	ercourse	e (amon	g studen	its			
											30.7	30.5	25.1	23.8	Decreased, 2013-2018	Not available§	No change
QN63: currently				who use	ed a cond	dom dur	ing last	sexual i	intercou	rse (am	ong stud	dents wl	no were				
											59.9	57.0	48.1	54.7	No linear change	Not available	No change
QN64: among s							oills bef	ore last	sexual i	ntercou	rse (to p	orevent j	pregnan	cy,			,
											18.5	20.1	20.8	31.8	Increased, 2013-2018	Not available	Increased
QNIUD or Nexp active)																	
											2.0	4.7	8.7	5.0	Increased, 2013-2018	Not available	No change

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

[§]Not enough years of data to calculate.

				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> :		
QNSHP control i	ring (suc	ch as Nu	vaRing														
·		•									6.8	5.9	4.9	5.4	No linear change	Not available§	No change
QNOTH implant control i	(such as ring (suc y sexual	s Implan ch as Nu ly active	on or N vaRing	expland) before	on); or a last sex	shot (su ual inte	ich as D recourse	epo-Pro (to prev	overa), p ent preg	atch (sugnancy,	ach as Camong 27.4	orthoEvr students 30.7	ra), or bis who w	42.2	Increased, 2013-2018	Not available	No change
QNDUA pills; an Depo-Pr (to preve	IUD (su rovera),	ich as M patch (s	Iirena o uch as (r ParaG OrthoEv	ard) or i ra), or b	mplant oirth con	(such as trol ring	Implang (such a	on or Nas Nuval	explano	n); or a	shot (su	ich as				

^{*}Based on trend 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 Worcester County Trend Analysis Report

Total

				Н	ealth Ri	isk Beha	avior an	d Perce	entages						Linear Change [*]	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
						not use			prevent	pregnan	ncy duri	ng last	sexual	:			
						not use y sexual			prevent	pregnan	ncy duri	ng last	sexual	11.6	No linear change	Not available [§]	No change
ntercour	rse (amo	ong stuc	lents wh	o were	currently	y sexual	ly active	e)			12.9	15.2	14.6		No linear change	Not available [§]	No change
N84: F	rse (amo	ong stuc	lents wh	o were	currently		ly active	e)			12.9	15.2	14.6		No linear change	Not available [§]	No change

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

[§]Not enough years of data to calculate.

				Н	ealth Ri	isk Beha	avior an	nd Perce	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QNOW index, b												tile for t	ody ma	ss			
											16.2	16.0	15.7	15.5	No linear change	Not available [¶]	No change
	ESE: Pe								le for bo	ody mas	ss index	, based	on sex-	and			
											10.9	13.5	14.4	13.4	No linear change	Not available	No change
QN67:	Percenta	age of s	udents	who des	cribed t	hemselv	es as sli	ghtly or	very ov	verweigl	ht	·					
											27.2	28.4	28.6	27.2	No linear change	Not available	No change
QN69: before t			tudents	who did	not drir	nk fruit j	uice (10	00% frui	t juices	one or r	more tin	nes duri	ng the 7	' days			

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

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

Not enough years of data to calculate.

				Н	ealth Ri	sk Beha	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	_		
QN70:	Percenta	age of st	tudents v	who did	not eat	fruit (or	ne or mo	re times	during	the 7 da	ays befo	ore the si	ırvey)				
											12.2	15.1	15.8	14.4	No linear change	Not available§	No change
			students				or drink	100% fr	uit juice	es (such	as oran	ge juice	, apple j	uice,			
	juice, c	urnig ui	e / days	belore	uie sui v	ey)					6.8	9.5	10.2	10.3	Increased, 2013-2018	Not available	No about
or grap											0.0	7.0	10.2	10.0			No change
QNFR1			students							r more							ino change

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

[§]Not enough years of data to calculate.

Total Weight M	Ianage	ment ar	nd Dieta	ıry Beha	aviors												
				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	<u>.</u>		
QNFR2 orange j										or more	times p	er day (such as				
											31.4	28.9	24.0	26.0	Decreased, 2013-2018	Not available [§]	No change
QN71:	Percent	age of s	tudents	who did	not eat	green sa	alad (on	e or moi	re times	during	the 7 da	ays befo	re the s	urvey)			,
											32.4	40.1	42.5	43.6	Increased, 2013-2018	Not available	No change
QN72:	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)			,
											31.0	34.1	36.2	35.9	No linear change	Not available	No change
QN73:	Percent	age of s	tudents	who did	not eat	carrots	(one or	more tin	nes duri	ng the 7	days b	efore th	e surve	y)			,
											51.7	54.1	55.0	54.4	No linear change	Not available	No change

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

[§]Not enough years of data to calculate.

				Н	ealth Ri	sk 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	_		
QN74: survey)	Percenta	age of st	udents v	who did	not eat	other ve	getables	s (one o	r more t	imes du	ring the	7 days	before t	he			
•											16.6	17.4	19.8	17.7	No linear change	Not available [§]	No change
	G0: Perc											ng Frenc	h fries,	fried	,		
											5.4	8.2	8.4	8.6	Increased, 2013-2018	Not available	No change
	G1: Pero																

^{*}Based on trend 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.

				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	_ }		
QNVEO																	
											30.5	29.2	23.7	26.0	Decreased, 2013-2018	Not available§	No change
QNVEC [excludi survey)														the 12.9	No linear change	Not available	No change
[excludi	ng Fren	age of si	fried po	who did	or potat	o chips]	, carrots	or glass	er veget	ables, d	luring tl	ne 7 day	s before	12.9	No linear change	Not available	No change

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

[§]Not enough years of data to calculate.

				Не	ealth Ri	sk Beha	vior an	d Perce	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991 19	993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QNSODA1														ay			
(such as Co	ke, Pe	epsi, or	Sprite,	not cour	nting die	et soda c	or diet p	op, durii	ng the 7	·		•		10.4	D 1 2012 2010		
											22.2	22.6	17.0	18.4	Decreased, 2013-2018	Not available [§]	No change

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

[§]Not enough years of data to calculate.

				Не	ealth Ri	sk Beha	vior an	d Perce	ntages						Linear Change*	Quadratic Change [*]	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QN78: I kind of p days bef	physical	activity															
										4	44.4	42.5	40.3	43.0	No linear change	Not available§	No change
QNPA01 1 day (ir during th	n any kii	nd of ph	ysical ac	ctivity th						nutes of j							
1 day (ir	n any kii	nd of ph	ysical ac	ctivity th						them bre					No linear change	Not available	No change
1 day (ir	n any kin ne 7 day DAY: I	nd of ph s before Percenta activity	ysical ac the surv ge of stu	etivity the vey)	hat incre	eased the	eir heart	rate and	l made	them bre	18.3 er day	ard som	19.6	20.2	No linear change	Not available	No change

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

[§]Not enough years of data to calculate.

Fotal Physical .	Activity	7		Н	ealth Ri	isk Beh	avior ar	nd Perc	entages						Linear Change [*]	Quadratic Change*	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	<u> </u>		
QN79:	Percenta	age of st	udents v	who wat	tched tel	levision	3 or mo	ore hour	s per da	y (on ar	averag	e schoo	l day)	·			
											29.6	26.7	19.0	19.9	Decreased, 2013-2018	Not available [§]	No change
QN80: (countin Instagra	ig time s	spent on	things s	such as 2	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	Increased
QN81: week wl					ended ph	nysical e	education	n (PE) c	lasses o	n 1 or r	nore day	ys (in ar 24.5	averag	e 30.4	No linear change	Not available	No change

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

[§]Not enough years of data to calculate.

Maryland High School Survey Worcester County Trend Analysis Report

Total **Physical Activity** 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 QNDLYPE: Percentage of students who attended physical education (PE) classes on all 5 days (in an average week when they were in school)

20.3 15.1 17.6 22.1

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)

> 17.5 15.9 No linear change Not available No change

Not available§

No change

No linear change

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

[§]Not enough years of data to calculate.

Fotal Other																	
				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	-		
QN86: during tl						ist (for a	check-ı	up, exan	n, teeth	cleaning	g, or oth	er dent	al work	,			
during ti	12 111	ontins ov	orore inc	, survey	,							73.6	78.4	76.4	No linear change	Not available [§]	No change
QNNOL	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	2.0	1.6	No linear change	Not available	No change
QN87: 1	Percents	age of s	tudents	who had	l ever be	en told	hy a doo	ctor or n	urse tha	nt they h	ad asth	ma					
Q1107.	i creenta	150 OI S	adents	wiio iiac		on told	by a do	ctor or i	iaise tiid	it they i	27.2	24.5	25.5	24.4	No linear change	Not available	

^{*}Based on trend 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 Worcester County Trend Analysis Report

Total

Site-Added									
	Health Risk Behavior ar	nd Percentages					Linear Change*	Quadratic Change*	Change from 2016-2018 [†]
1991 1993 1995 1997 19	999 2001 2003 2005	2007 2009 2	2011 2013	2014	2016	2018	_		
QN90: Percentage of students who	are transgender				2.3	1.8	No linear change	Not available [§]	No change
QN93: Percentage of students who before the survey, among students	o talked on a cell phone whil who drove a car or other vel	e driving (on at le nicle)	ast 1 day dui	ing the	30 days 35.8	37.9	No linear change	Not available	No change
QN94: Percentage of students who	smoked a whole cigarette b	pefore age 13 years	s (for the firs	t time)					
			11.9	9.5	8.8	5.6	Decreased, 2013-2018	Not available	Decreased
QN98: Percentage of students who day during the 30 days before the s		th, narghile, or oth	ner type of wa	aterpipe	(on at le	east 1			-
					5.3	4.0	No linear change	Not available	No change

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

[§]Not enough years of data to calculate.

Total Site-Adde	ed																
	Health Risk Behavior and Percentages												Linear Change*	Quadratic Change*	Change from 2016-2018 [†]		
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN99: vapor pr											flavor v	with an	electror	nic			
												93.8	97.8	98.4	Increased, 2014-2018	Not available [§]	No change
QN101: oil, or T			students	s who ha	ave ever	used an	electro	nic vapo	or produ	ct to sm	noke ma	rijuana,	THC o	r hash			
													10.7	27.7	Increased, 2016-2018	Not available	Increased
QN102: little cig				s who th	ink they	definite	ely or pr	obably	will smo	oke a ci	garette,	cigar, c	igarillo	, or			
													20.7	15.2	Decreased, 2016-2018	Not available	Decreased
QN103: flavored survey)																	,
,											19.2	15.4	9.3	7.1	Decreased, 2013-2018	Not available	No change

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

[§]Not enough years of data to calculate.

Total	
Site-Added	

e-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	3		
QN104: Percent the survey)	tage of st	tudents	who trie	ed or us	ed tobac	co prod	ucts for	the firs	t time (d	during	he 12 n	onths b	efore			
											13.1	10.7	8.0	Decreased, 2014-2018	Not available§	No change
									re the su		2 month 29.3	as before	e the 10.0	Decreased, 2013-2018	Not available	Decreased
survey, among s	tudents v	who use	d tobace	co prodi	acts duri	ing the	12 mont	hs before	re the su	34.1				Decreased, 2013-2018	Not available	Decreased
QN105: Percent survey, among s	tudents v	who use	d tobace	co prodi	acts duri	ing the	12 mont	hs before	rettes or	34.1				Decreased, 2013-2018 Decreased, 2013-2018	Not available Not available	Decreased No change
survey, among s	tage of si	who use	who liv	e with s	omeone	who no	ow smok	kes ciga	re the su	34.1 · cigars 41.7	29.3	35.2	10.0			

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

[§]Not enough years of data to calculate.

Maryland High School Survey Worcester County Trend Analysis Report

			Нє	ealth Ri	sk Beha	avior an	nd Perce	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 †
1991 1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	•		
QN108: Percen luring the 7 day				ere in th	e same 1	room wi	th some	one wh	o was sı	noking	(on at la		1			
raining the rady	5 5 5 5 5 5		vevi							υ	(On at ic	ast one	aay			

62.6 59.5 57.4 54.1 Decreased, 2013-2018

34.4 31.4 37.3 39.9

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

QN117: Percentage of students who say definitely yes or probably yes that young people who smoke have more

21.8 17.0 24.2 27.4 Increased, 2013-2018 Not available No change

Increased, 2013-2018

Not available

Not available

Total

friends

No change

No change

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

[§]Not enough years of data to calculate.

Total Site-Adde	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:								eeking h	elp fron	n one or	more a	dults be	sides th	eir			
r			F	4		8					80.6	83.5	82.4	78.9	No linear change	Not available§	No change

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

[§]Not enough years of data to calculate.

Male njury an	d Viole	nce		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	3		
QN9: P or more							ho had l	oeen dri	nking al	cohol (i	in a car 23.4	or other	vehicle 17.0	e, one 14.9	Decreased, 2013-2018	Not available [§]	No change
QN10: times du days bef	ring the	30 day	s before												Decreased, 2013-2018	Not available	No change
QN11: the 30 d											nicle (or	at leas	t 1 day o	during	Decreased, 2013-2016	Not available	No change
survey)											48.4	41.8	32.1	36.9	Decreased, 2013-2018	Not available	No change

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

[§]Not enough years of data to calculate.

Male njury an	nd Violence Health Risk Behavior and Percentages													Linear Change*	Quadratic Change*	Change from 2016-2018 †	
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QN13: I						eapon o	n schoo	l proper	ty (such	as a gu	n, knife	, or clu	b, on at	least 1			
day duri	ng the s	o days i	before ti	ic sui ve	·y)						10.6	6.8	11.2	7.7	No linear change	Not available [§]	No change
QN14: I													y for hu	nting			
													11.4	8.8	No linear change	Not available	No change
QN16: 1 knife, or										on scho	ol prope	erty (suc	ch as a g	gun,	-		
											12.3	9.6	9.7	10.2	No linear change	Not available	No change

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

[§]Not enough years of data to calculate.

njury ar	and Violence Health Risk Behavior and Percentages											Linear Change*	Quadratic Change [*]	Change from 2016-2018 [†]			
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	<u> </u>		
QN18: months				who wer	re in a p	hysical	fight on	school	property	(one o	r more	imes du	ring the	e 12 14.7	No linear change	Not available [§]	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			
											9.5	9.4	11.3	10.0	No linear change	Not available	No change
QN23:	Percenta	age of st	tudents	who we	re bullie	d on sch	nool pro	perty (e	ver duri	ng the 1	12 mont	hs befor	e the su	ırvey)			
											23.9	22.3	19.0	17.0	Decreased, 2013-2018	Not available	No change

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

[§]Not enough years of data to calculate.

Male Injury an	d Viole	ence															
				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			
QN24: Taceboo											d throug	gh textii	ng, Insta	igram,			
											11.8	11.9	12.6	13.4	No linear change	Not available§	No change
QN25:											eks in a	row so	that the	ey .			,
											18.8	20.3	23.7	22.0	No linear change	Not available	No change
QN26: survey)	Percenta	age of s	tudents	who ser	iously c	onsidere	ed attem	pting su	icide (e	ver duri	ing the	12 mon	ths befo	re the			
											12.1	11.4	16.0	14.0	No linear change	Not available	No change
QN27: before the			tudents	who ma	de a pla	n about	how the	y would	l attemp	t suicid	e (durir	ng the 1	2 month	is			
											11.6	10.0	15.0	12.8	No linear change	Not available	No change

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

[§]Not enough years of data to calculate.

Male Fobacco \	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	3		
QN32: 1 survey)	Percenta	age of s	tudents	who cur	rently s	moked o	cigarette	s (on at	least 1	day duri	ing the	30 days	before t	he			
											22.6	15.7	14.6	8.2	Decreased, 2013-2018	Not available [§]	Decreased
QNFRC days bef				ents who	o currer	ntly smo	ked ciga	arettes fi	requentl	y (on 20	or mo	re days	during t	he 30			
											7.4	6.2	4.2	2.7	Decreased, 2013-2018	Not available	No change
QNDAY before th			ige of st	udents v	vho curi	rently sr	noked ci	igarettes	s daily (on all 3	0 days o	during t	ne 30 da	ys			
											5.7	4.5	2.8	2.1	Decreased, 2013-2018	Not available	No change
QN34: 1 vape pip																	
eGo, and	d Halo]))										45.4	46.2	53.1	Increased, 2014-2018	Not available	Increased

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

[§]Not enough years of data to calculate.

obacco	Use			Н	ealth Ri	isk Beh	avior ar	nd Perc	entages						Linear Change*	Quadratic Change*	Change from
																	2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
e-pipes,	Percenta vape pi Jo, and I	pes, vap	ing pen	s, e-hool	kahs, an	id hooka	h pens	[sucĥ as	blu, NJ								
												29.2	28.4	36.8	Increased, 2014-2018	Not available [§]	Increased
	VP: Per				o currei	ntly used	l electro	nic vap	or produ	icts free	quently (on 20 o	r more	days			
												5.6	6.3	13.8	Increased, 2014-2018	Not available	Increased
	YEVP: lays befo			udents v	who cur	rently us	sed elect	tronic v	apor pro	oducts d	aily (on	all 30 d	lays dui	ring			·
												5.3	4.3	11.5	Increased, 2014-2018	Not available	Increased
QNTB5	: Perceing the 3			s who co		smoked	l cigaret	tes or us	sed elec	tronic v	apor pro	oducts (on at le	ast 1			

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

[§]Not enough years of data to calculate.

Tale obacco	Use			Н	ealth Ri	isk Beha	avior ar	nd Perce	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN36: (such as	a conve	enience	store, su	ıpermarl	ket, disc	ount sto	re, gas s	station,	or vape	store, d	uring th	e 30 day					
survey,	among s	students	who cu	rrently t	ised elec	etronic v	apor pr	oducts a	and who	were a	ged <18	years)	16.6	13.7	No linear change	Not available [§]	No change
QN37: dissolva vapor pi	ble toba	icco pro	ducts [si	uch as C	Copenha	gen, Gri	zzly, Sk	coal, or						nic			
													10.4	7.5	No linear change	Not available	No change
QN38: during t					rently si	noked c	igars (c	igars, ci	garillos	, or little	e cigars,	on at le	ast 1 da	ıy			
3		-		•							20.4	14.7	13.0	8.3	Decreased, 2013-2018	Not available	Decreased

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

[§]Not enough years of data to calculate.

Maryland High School Survey Worcester County Trend Analysis Report

Male Tobacco Use

Health Risk Behavior and Percentages

Linear Change*
Quadratic Change*
Change from 2016-2018

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

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

31.2 21.4 19.1 12.0 Decreased, 2013-2018

Not available§

Decreased

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

[§]Not enough years of data to calculate.

Male Alcohol a	and Oth	er Druş	g Use	Н	ealth R	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		
QN40:	Percenta	age of s	tudents	who had	l their fi	rst drink	of alco	hol befo	ore age	13 years	(other	than a f	ew sips)			
											26.5	22.8	22.8	17.1	Decreased, 2013-2018	Not available [§]	No change
QN41: 1 the 30 d				who cur	rently d	rank alc	ohol (at	least on	ne drink	of alcol	nol, on	at least	1 day dı	ıring			
	•		•								42.2	30.5	31.5	27.3	Decreased, 2013-2018	Not available	No change
QN42: female s	tudents	or five	or more	drinks o	of alcoh												
													18.6	16.3	No linear change	Not available	No change

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

[§]Not enough years of data to calculate.

				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			
QN45:	Percenta	age of st	udents	who eve	er used n	narijuan	a (one c	or more	times du	iring the	eir life)						
											46.2	38.5	36.8	38.1	Decreased, 2013-2018	Not available [§]	No change
QN46:	Percents	age of st	udents	who trie	d mariii	ıana for	the first	time be	efore ago	e 13 ve	ars		-				,
Q 1110.	roroma	.ge 01 50	decitis	who the	a mary	unu 101		· time ov	orore ug	0 13 900	14.1	14.8	10.6	10.2	Decreased, 2013-2018	Not available	No change
QN47:	Percenta	age of st	udents	who cur	rently u	sed mar	ijuana (d	one or n	nore tim	es durir	ng the 30	0 days b	efore th	e			
survey)											27.1	23.7	20.8	25.3	No linear change	Not available	No change
QN48:	Percenta	age of st	udents	who eve	er used s	ynthetic	marijua	ana (one	or more	e times	during	their life	e)				
												12.4	9.7	10.2	No linear change	Not available	No change

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

[§]Not enough years of data to calculate.

lcohol a	and Oth	er Druş	g Use	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			
differen	tly than	how a c	loctor to	ld them	to use i	orescript t (count during	ing drug	s such a									
													13.5	13.2	No linear change	Not available§	No change
-	Percenta nore tim	_			r used c	cocaine (any fori	m of coo	caine, in	cluding	powder	r, crack,	or free	base,			
											8.9	8.0	8.7	7.5	No linear change	Not available	No change
	Percenta tring the		tudents	who eve	r used h	neroin (a	lso calle	ed "sma	ck," "jur	nk," or "	'China V	White,"	one or r	more	,		
											6.5	6.7	3.4	5.8	No linear change	Not available	No change
				who eve		nethamp r life)	hetamir	nes (also	called	"speed,"	" "crysta	al meth,	" "crank	Σ,"			
											7.1	5.8	5.9	6.1	No linear change	Not available	No change

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

^{*}Not enough years of data to calculate.

Male Alcohol a	nd Oth	er Dru	g Use	Н	ealth Ri	isk Beh	avior ar	nd Perc	entages						Linear Change*	Quadratic Change [*]	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN54:	Percent	age of s	tudents	who eve	r used e	ecstasy (also call	ed "MD	MA," c	one or m	nore tim	es durir	g their	life)			
											12.9	9.4	8.2	7.8	Decreased, 2013-2018	Not available [§]	No change
QN56: body, or						ed any il	legal dr	ug (useo	l a need	le to inj	ect any	illegal	drug int	o their			
body, or	ic or me	re time	s during	then in	<i>c)</i>						5.5	4.4	4.8	4.4	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 (d	uring th	e 12			-
											30.7	25.2	26.9	27.1	No linear change	Not available	No change

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

[§]Not enough years of data to calculate.

Maryland High School Survey Worcester County Trend Analysis Report

Male

Sexual B	ehavior	s															
				Н	ealth R	isk Beh	avior ar	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN58:	Percenta	age of s	tudents	who eve	r had se	xual int	ercourse	;			48.4	43.4	42.8	42.3	No linear change	Not available [§]	No change
QN59:	Percenta	age of s	tudents	who had	l sexual	intercou	irse for t	the first	time be	fore age	e 13 yea	10.6	6.9	6.9	Decreased, 2013-2018	Not available	No change
QN60:	Percenta	age of s	tudents	who had	l sexual	intercou	ırse with	n four o	more p	ersons	during t	heir life					
											18.5	14.8	12.1	11.8	Decreased, 2013-2018	Not available	No change
QN61: during t	Percenta he 3 mo				re currei	ntly sexu	ially act	ive (had	l sexual	interco	urse wit	th at lea	st one pe	erson,			
											34.1	31.3	28.5	31.6	No linear change	Not available	No change

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

[§]Not enough years of data to calculate.

Male Sexual Be	ehavior	s															
				Н	ealth R	isk Beh	avior ar	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	<u> </u>		
QN62: who we					nk alcol	hol or us	ed drug	s before	last sex	cual inte	ercourse	e (amon	g studen	ts			
											39.0	33.4	32.2	26.5	Decreased, 2013-2018	Not available§	No change
QN63:				who use	ed a conc	dom dur	ing last	sexual i	ntercou	rse (am	ong stud	dents w	ho were				
											66.0	60.9	57.8	58.9	No linear change	Not available	No change
QN64: among s							oills befo	ore last	sexual i	ntercou	rse (to p	prevent	pregnan	ey,			
											14.0	15.7	17.1	30.4	Increased, 2013-2018	Not available	Increased
QNIUD or Nexp																	,
active)											0.0	3.3	6.1	1.6	Not available	Not available	No change

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

[§]Not enough years of data to calculate.

				H	ealth Ri	isk Beh	avior ar	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	<u>-</u> :		
QNSHP control i	ring (suc	ch as Nu	ivaRing)														
											6.9	3.4	4.1	2.0	No linear change	Not available [§]	No change
mplant control 1		s Implar ch as Nu	on or NivaRing)	explano	n); or a	shot (su	ich as D	epo-Pro	vera), p	atch (su gnancy,	ich as C	rthoEv	a), or bi		Increased, 2013-2018	Not available	No chang
implant control i currently	(such as ring (suc y sexual	s Implar ch as Nu lly activ	non or N nvaRing) e)	expland) before	n); or a last sex	shot (su ual inte	ich as D recourse	epo-Pro (to prev	overa), p ent preg	atch (sugnancy,	ach as Camong 21.0	erthoEvi students 22.3	ra), or bis who w	34.0	Increased, 2013-2018	Not available	No chang
mplant control is currently QNDU Apples; an Depo-Pi	(such as ring (such y sexual ALBC: IUD (su rovera),	s Implar ch as Nu lly active Percenta uch as N patch (s	on or NivaRing)	expland) before udents v r ParaG OrthoEv	who use ard) or i	d both a mplant oirth con	condor (such as	epo-Pro (to prev m during Implan	g last section or N	atch (sugnancy,	21.0 ercourse on); or a	22.3 e and bis shot (st	27.2 eth contract	34.0	Increased, 2013-2018	Not available	No chan

^{*}Based on trend 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 Worcester County Trend Analysis Report

Male **Sexual Behaviors** 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 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§ 10.9 15.5 11.5 14.7 No linear change No change

12.4 14.3 14.1

No linear change

Not available

QN84: Percentage of students who were ever tested for human immunodeficiency virus (HIV) (not counting tests

done if they donated blood)

No change

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

[§]Not enough years of data to calculate.

				He	ealth Ri	isk Beha	avior ar	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
	T: Perce											tile for	body ma	ıss			
											17.4	14.6	15.3	15.1	No linear change	Not available¶	No change
	ESE: Pe								ile for b	ody mas	ss index	, based	on sex-	and			
											13.1	17.3	17.7	16.3	No linear change	Not available	No change
QN67:	Percenta	age of st	udents v	who des	cribed tl	hemselv	es as sli	ghtly or	very ov	verweig	ht	•	•				
											22.2	23.5	25.6	24.2	No linear change	Not available	No change
				vho did	not drir	ık fruit i	uice (10	00% frui	t juices	one or i	more tir	nes duri	ing the 7	days			-
	Percenta he surve		udents v	wilo did	not din	·- · ·	`		3								

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

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

Not enough years of data to calculate.

				Н	ealth Ri	sk Beha	vior an	d Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
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)				
											14.4	16.7	16.9	17.4	No linear change	Not available§	No change
	: Percer						r drink 1	100% fr	uit juice	es (such	as oran	ge juice	, apple j	uice,			,
	Percer juice, d						r drink 1	100% fr	uit juice	es (such	as oran	ge juice	, apple j	uice, 12.8	No linear change	Not available	No change
or grape		uring th	e 7 days	s before	the surv	vey) or drank	100% fi	ruit juic	es one o		8.7	11.1	10.6		No linear change	Not available	No change

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

[§]Not enough years of data to calculate.

				Н	ealth Ri	isk Beh	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	_		
		ntage of								or more	times po	er day (such as				
											32.6	31.1	25.7	26.6	Decreased, 2013-2018	Not available [§]	No change
QN71:	Percent	age of st	udents	who did	not eat	green sa	lad (one	or moi	re times	during	the 7 da	ys befo	re the su	ırvey)			
											38.6	45.6	46.5	51.5	Increased, 2013-2018	Not available	No change
				1 11 1		notatoo	(one or	more t	imes du	ring the	7 days	before t	he surv	ev)			
QN72:	Percenta	age of st	udents	who did	not eat	potatoes	(OHE OI	more t	incs au		, aays			" " " " " " " " " " " " " " " " " " " "			
QN72:	Percent	age of si	udents	wno did	not eat	potatoes	s (one of	more	ines du	8	30.3	34.9	37.1	36.4	Increased, 2013-2018	Not available	No change
		age of st				-					30.3	34.9	37.1	36.4	Increased, 2013-2018	Not available	No change

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

[§]Not enough years of data to calculate.

				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	3		
QN74: survey)	Percenta	age of st	udents	who did	not eat	other ve	egetable	s (one o	r more t	imes du	iring the	e 7 days	before	the	·		
											18.2	19.8	23.1	22.1	No linear change	Not available [§]	No change
QNVEO potatoes												ng Fren	ch fries,	fried			
											6.7	9.7	10.7	11.3	Increased, 2013-2018	Not available	No change
QNVEO																	,

^{*}Based on trend 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.

				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	<u> </u>		
QNVEO																	
											29.6	29.3	24.8	21.8	Decreased, 2013-2018	Not available§	No change
QNVEO [excludi survey)														the			
[excludi														the 10.0	Decreased, 2013-2018	Not available	No change
[excludi	ng Fren	ch fries,	fried po	otatoes,	or potat	o chips]	, carrots	or glass	er veget	ables, d	uring tl	ne 7 day 17.4	s before 12.8	10.0	Decreased, 2013-2018	Not available	No change

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

											C		2016-201
995 1997	1999	2001	2003 200	05 2007	2009	2011	2013	2014	2016	2018	3		
										ay			
,	,	8		1 1,	8	·	24.2		, ,	21.3	Decreased, 2013-2018	Not available [§]	No change
antogo of st		o duonis o	oon hottle	o malaga	of code o						Decreased, 2013-2018	Not available ⁸	
	entage of stu osi, or Sprite	entage of students who	entage of students who drank a osi, or Sprite, not counting diet	entage of students who drank a can, bottle osi, or Sprite, not counting diet soda or die	entage of students who drank a can, bottle, or glass opsi, or Sprite, not counting diet soda or diet pop, dur	entage of students who drank a can, bottle, or glass of soda on soi, or Sprite, not counting diet soda or diet pop, during the	entage of students who drank a can, bottle, or glass of soda or pop or osi, or Sprite, not counting diet soda or diet pop, during the 7 days be	entage of students who drank a can, bottle, or glass of soda or pop one or mosi, or Sprite, not counting diet soda or diet pop, during the 7 days before the	entage of students who drank a can, bottle, or glass of soda or pop one or more time osi, or Sprite, not counting diet soda or diet pop, during the 7 days before the survey 24.2 28.5	entage of students who drank a can, bottle, or glass of soda or pop one or more times per dosi, or Sprite, not counting diet soda or diet pop, during the 7 days before the survey)	entage of students who drank a can, bottle, or glass of soda or pop one or more times per day osi, or Sprite, not counting diet soda or diet pop, during the 7 days before the survey) 24.2 28.5 21.2 21.3	entage of students who drank a can, bottle, or glass of soda or pop one or more times per day osi, or Sprite, not counting diet soda or diet pop, during the 7 days before the survey) 24.2 28.5 21.2 21.3 Decreased, 2013-2018	entage of students who drank a can, bottle, or glass of soda or pop one or more times per day osi, or Sprite, not counting diet soda or diet pop, during the 7 days before the survey) 24.2 28.5 21.2 21.3 Decreased, 2013-2018 Not available§

^{*}Based on trend 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.

Male Physical	Activity	7		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	-		2010-2016
QN78: kind of	physical	activity	that in														
		,									51.7	50.2	48.3	51.7	No linear change	Not available [§]	No change
QNPA0 1 day (in during t	n any ki	nd of ph	ysical a	activity t													
											14.7	15.1	16.3	16.0	No linear change	Not available	No change
QNPA7 kind of days bet	physical	activity	that in														
											33.9	29.5	30.8	31.1	No linear change	Not available	No change

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

[§]Not enough years of data to calculate.

Male Physical <i>A</i>	Activity	,		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		
QN79: I	Percenta	age of st	tudents	who wat	tched te	levision	3 or mo	ore hour	s per da	y (on ar	n averag	e schoo	l day)				
											31.8	31.6	18.6	19.7	Decreased, 2013-2018	Not available§	No change
QN80: I (counting Instagran	g time s	pent on	things s	such as 2	Xbox, P	PlayStati	on, an il	Pad or o	ther tab	let, a sn	nartphoi	ne, texti	ng, Ŷot	Tube,	Increased, 2013-2018	Not available	No change
QN81: F	Percenta	age of st	tudents	who atte	ended pl	hysical e	educatio	n (PE) o	classes o	on 1 or r	nore day	ys (in aı	n averag	ge .			
week wh	en they	were in	n school)							38.6	31.9	33.3	42.7	No linear change	Not available	Increased

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

[§]Not enough years of data to calculate.

Maryland High School Survey Worcester County Trend Analysis Report

Male **Physical Activity** 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 QNDLYPE: Percentage of students who attended physical education (PE) classes on all 5 days (in an average week when they were in school) Not available§ 27.5 19.1 23.0 31.9 No linear change Increased 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) 22.4 17.8 No linear change Not available No change

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

[§]Not enough years of data to calculate.

Maryland High School Survey Worcester County Trend Analysis Report

Other **Health Risk Behavior and Percentages** Linear Change* Quadratic Change* Change from 2016-2018 [†] 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QN86: Percentage of students who saw a dentist (for a check-up, exam, teeth cleaning, or other dental work, during the 12 months before the survey)

QNNODNT: Percentage of students who never saw a dentist (for a check-up, exam, teeth cleaning, or other dental work) 3.3 3.0 2.0 No linear change Not available No change

70.5

76.8 74.4

QN87: Percentage of students who had ever been told by a doctor or nurse that they had asthma

26.3 28.2 26.2 No linear change Not available No change 25.2

Not available§

No change

No linear change

Male

^{*}Based on trend 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 Worcester County Trend Analysis Report

Male Site-Added **Health Risk Behavior and Percentages** Linear Change* Quadratic Change* Change from 2016-2018 [†] 1991 1993 1995 1997 1999 2001 2003 2007 2009 2011 2013 2014 2016 2005 QN90: Percentage of students who are transgender 2.6 1.8 No linear change Not available§ No change QN93: Percentage of students who talked on a cell phone while driving (on at least 1 day during the 30 days before the survey, among students who drove a car or other vehicle) 35.2 37.6 No linear change Not available No change QN94: Percentage of students who smoked a whole cigarette before age 13 years (for the first time) 14.7 11.6 10.7 6.6 Decreased, 2013-2018 Not available Decreased

5.5

4.3

No linear change

Not available

QN98: Percentage of students who smoked tobacco in a hookah, narghile, or other type of waterpipe (on at least 1

day during the 30 days before the survey)

No change

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

te-Adde	ed			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	- i		
				who usu who hav							flavor v	with an o	electron	ic			
												94.8	97.1	97.0	No linear change	Not available§	No change
	Percen		students	s who ha	ive ever	used an	electro	nic vapo	or produ	ct to sm	noke ma	rijuana,	THC o	r hash	,		
													13.0	27.3	Increased, 2016-2018	Not available	Increased
	Percengar in the			s who th	ink they	definite	ely or pr	obably	will smo	oke a ci	garette,	cigar, c	igarillo,	or			
													22.7	16.4	Decreased, 2016-2018	Not available	Decreased
				s who us ducts, o										rs,			·
• /											24.2	19.6	11.5	7.2	Decreased, 2013-2018	Not available	Decreased

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

[§]Not enough years of data to calculate.

Maryland High School Survey Worcester County Trend Analysis Report

				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	_		
QN104: the surve		tage of	students	who tri	ed or us	ed toba	cco proc	ducts for	r the firs	st time (during t	he 12 m	onths be	efore			
ine sur ve	<i>- y)</i>																
											,	14.2	11.0	5.7	Decreased, 2014-2018	Not available [§]	Decreased
QN105: survey, a													-		Decreased, 2014-2018	Not available [§]	Decreased
										re the su			-		Decreased, 2014-2018 Decreased, 2013-2018	Not available [§] Not available	Decreased
	among s	students	who use	ed tobac	eco prod	ucts dur	ring the	12 mon	ths befo	re the su	32.9	2 month	s before	the			

76.5 84.6 Increased, 2016-2018

Not available

Increased

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

[§]Not enough years of data to calculate.

Maryland High School Survey Worcester County Trend Analysis Report

Male Site-Add	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		
QN108: during t					ere in th	ne same	room w	ith some	eone wh	o was s	moking	(on at	least on	e day			
													33.9	30.2	No linear change	Not available§	No change
QN110: school y		ntage 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	,		
											66.7	61.9	59.8	56.4	Decreased, 2013-2018	Not available	No change
QN117: friends	Percen	ntage of	students	s who sa	y defini	tely yes	or prob	ably yes	s that yo	ung peo	ople wh	o smok	e have r	nore			
											37.5	33.1	39.4	44.3	Increased, 2013-2018	Not available	No change
QN118: cool or i		ntage of	students	s who sa	y defini	tely yes	or prob	ably yes	s that sn	noking r	nakes y	oung p	eople lo	ok	, , , , , , , , , , , , , , , , , , , ,		
											24.9	20.6	27.3	32.9	Increased, 2013-2018	Not available	No change

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

[§]Not enough years of data to calculate.

Maryland High School Survey Worcester County Trend Analysis Report

Male 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

> No linear change Not available§ No change 77.9 81.0 80.6 75.5

^{*}Based on trend 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 njury an	d Viole	nce		Н	ealth R	isk Beh	avior aı	nd Perc	entages						Linear Change [*]	Quadratic Change*	Change from 2016-2018 ³
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QN9: P							ho had l	been dri	nking a	lcohol (i	in a car	or other	vehicle	e, one			
											28.0	24.3	17.0	20.4	Decreased, 2013-2018	Not available [§]	No change
QN10: times du days bef	ring the	30 day	s before														
											15.5	8.2	8.8	6.2	Decreased, 2013-2018	Not available	No change
QN11: the 30 d survey)																	-
-											45.6	37.8	33.4	37.9	No linear change	Not available	No change

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

[§]Not enough years of data to calculate.

Female 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	-		
QN13: I						eapon o	n schoo	l proper	ty (such	as a gu	ın, knife	or clu	o, on at	least 1			
day dari	ng the s	o days i	serore u	io sui vo	37						2.2	2.6	3.2	2.7	No linear change	Not available [§]	No change
QN14: 1 or for a s													for hu	nting			
													2.8	1.4	No linear change	Not available	No change
QN16: l knife, or										on scho	ol prop	erty (suc	ch as a g	gun,			
											6.1	6.3	5.6	5.0	No linear change	Not available	No change

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

[§]Not enough years of data to calculate.

Female Injury an	ıd Viole	ence		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		
QN18: months				who we	re in a p	hysical	fight on	school	property	(one o	r more	imes du	ring the	12	,		
											8.3	6.8	6.8	6.4	No linear change	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			
											12.4	14.0	11.2	10.4	No linear change	Not available	No change
QN23:	Percenta	age of st	tudents	who we	re bullie	ed on scl	nool pro	perty (e	ver duri	ng the 1	12 mont	hs befor	e the su	rvey)			
											31.0	26.2	25.7	24.5	Decreased, 2013-2018	Not available	No change

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

[§]Not enough years of data to calculate.

'emale njury an	d Viole	ence															
	Health Risk Behavior and Percentages													Linear Change*	Quadratic Change*	Change from 2016-2018 [†]	
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN24: 1 Faceboo											d throug	gh textii	ıg, Insta	ıgram,			
											27.1	20.4	26.0	20.0	Decreased, 2013-2018	Not available [§]	Decreased
QN25: l											eks in a	row so	that the	y			
											35.2	33.1	36.4	37.9	No linear change	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 before	re the			
											21.5	23.6	21.7	23.6	No linear change	Not available	No change
QN27: 1 before th			tudents	who ma	de a pla	n about	how the	y would	l attemp	t suicid	le (durin	ig the 12	2 month	S			
											15.6	17.6	15.9	19.5	No linear change	Not available	No change

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

[§]Not enough years of data to calculate.

Temale Tobacco l	Use																
				Н	ealth R	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	3		
QN32: I survey)	Percent	age of s	tudents	who cur	rently s	moked o	eigarette	s (on at	least 1	day duri	ing the	30 days	before t	the			
											19.7	13.6	11.5	6.8	Decreased, 2013-2018	Not available§	Decreased
QNFRC				ents wh	o currer	ntly smo	ked ciga	arettes fi	requentl	y (on 20	0 or mo	re days	during t	he 30			
											7.0	5.3	3.3	1.6	Decreased, 2013-2018	Not available	No change
QNDAY before th			ige of st	udents v	vho cur	rently sr	noked c	igarettes	s daily (on all 3	0 days o	during t	ne 30 da	iys			
											4.9	3.9	2.4	1.0	Decreased, 2013-2018	Not available	No change
QN34: I vape pip eGo, and	es, vap	ing pens													,		
,												40.7	44.1	56.7	Increased, 2014-2018	Not available	Increased

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

[§]Not enough years of data to calculate.

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, 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)																	
	Health Risk Behavior and Percentages													Linear Change*	Quadratic Change*	Change from 2016-2018 [†]	
1991 199	93 1	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	<u> </u>		
e-pipes, vape	e pipe	s, vapi	ing pens	s, e-hoo	kahs, ar	id hooka	th pens	[such as	blu, NJ								
												24.6	22.9	37.7	Increased, 2014-2018	Not available [§]	Increased
QNFREVP: during the 30					no curre	ntly used	l electro	nic vapo	or produ	icts free	uently ((on 20 o	or more	days			
												2.9	1.4	11.0	Increased, 2014-2018	Not available	Increased
QNDAYEVI the 30 days b				udents	who cur	rently u	sed elect	tronic va	apor pro	ducts d	aily (on	all 30 c	lays dur	ring			
												1.6	0.6	6.6	Increased, 2014-2018	Not available	Increased
QNTB5: Per day during th						smoked	l cigaret	tes or us	sed elec	tronic v	apor pro	oducts ((on at le	ast 1			:
												28.7	26.5	38.7	Increased, 2014-2018	Not available	Increased

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

[§]Not enough years of data to calculate.

emale obacco 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	_		
QN36: (such as survey,	a conve	nience	store, su	permarl	ket, disc	ount sto	re, gas	station,	or vape	store, d	uring th	e 30 day					
													6.5	4.8	No linear change	Not available§	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			
													3.8	2.1	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			
											11.5	7.5	6.8	5.0	Decreased, 2013-2018	Not available	No change

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

[§]Not enough years of data to calculate.

Maryland High School Survey Worcester County Trend Analysis Report

Female **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)

9.6 Decreased, 2013-2018 Not available§ No change 23.4 16.7 13.4

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

[§]Not enough years of data to calculate.

Female Alcohol a	emale Icohol and Other Drug 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	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)			
											19.6	17.2	14.3	12.5	Decreased, 2013-2018	Not available§	No change
QN41: 1 the 30 d		_		who cur	rently d	rank alc	ohol (at	least on	e drink	of alcol	hol, on	at least	1 day d	uring			
	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		, ,								47.4	37.6	34.2	36.7	Decreased, 2013-2018	Not available	No change
QN42: female s	tudents	or five	or more	drinks o	of alcoh												
													20.0	21.8	No linear change	Not available	No change

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

[§]Not enough years of data to calculate.

Female Alcohol a	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	marijuan	a (one o	or more	times du	iring the	eir life)						
											44.8	36.5	34.0	40.9	No linear change	Not available§	No change
QN46:	Percent	age of s	tudents	who trie	ed marij	uana for	the firs	t time b	efore ag	e 13 yea	ars	•		•			
											7.2	9.1	5.1	7.3	No linear change	Not available	No change
QN47: survey)	Percent	age of s	tudents	who cur	rently u	ised mar	ijuana (one or n	nore tim	es durir	ng the 3	0 days b	pefore th	ne			,
											25.0	21.9	21.7	27.5	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)	•			
												12.7	8.2	5.2	Decreased, 2014-2018	Not available	No change

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

[§]Not enough years of data to calculate.

Female Alcohol a	nd 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	3		
QN49: different Hydroco	tly than	how a c	doctor to	old them	to use	it (count	ing drug	s such a	ne withous codein	out a do ne, Vico	octor's prodin, Ox	rescripti xyContii	on or n,				
													13.6	15.8	No linear change	Not available [§]	No change
QN50: one or n					er used o	cocaine (any fori	m of coo	caine, in	cluding	g powde	r, crack,	or free	base,			
											7.4	7.1	4.1	4.3	Decreased, 2013-2018	Not available	No change
QN52: times du			tudents	who eve	er used l	neroin (a	lso calle	ed "smao	ck," "jui	nk," or '	"China '	White,"	one or	more			
											3.6	3.6	2.1	1.2	Decreased, 2013-2018	Not available	No change
QN53: "ice," or							hetamir	nes (also	called	"speed,	" "crysta	al meth,	" "cranl	ζ,"	,		
											5.4	3.4	1.8	1.1	Decreased, 2013-2018	Not available	No change

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

[§]Not enough years of data to calculate.

Female Alcohol an	nd Oth	er Drug	g Use														
				Н	ealth Ri	isk Beh	avior ar	nd Perc	entages						Linear Change [*]	Quadratic Change*	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN54: I	Percenta	age of s	tudents	who eve	r used e	cstasy (also call	ed "MD	MA," c	one or m	nore tim	es durir	ng their	life)			
											9.3	7.9	4.1	2.6	Decreased, 2013-2018	Not available [§]	No change
QN56: I body, on						ed any il	legal dr	ug (used	l a need	le to inj	ect any	illegal	drug int	o their			
body, on	e or me	re time	s during	, then in	<i>c)</i>						3.7	3.0	2.0	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 pro	perty (d	uring th	ie 12	,		,
											27.8	20.8	20.6	22.0	No linear change	Not available	No change

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

[§]Not enough years of data to calculate.

Maryland High School Survey Worcester County Trend Analysis Report

Sexual Behaviors Health Risk Behavior and Percentages Linear Change* Quadratic Change* Change from 2016-2018 [†] 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 QN58: Percentage of students who ever had sexual intercourse 52.8 37.9 Decreased, 2013-2018 Not available§ No change QN59: Percentage of students who had sexual intercourse for the first time before age 13 years 4.8 2.5 Decreased, 2013-2018 Not available No change QN60: Percentage of students who had sexual intercourse with four or more persons during their life No change

16.0 12.0

31.0

39.9

8.0

32.3

7.7

30.0

Decreased, 2013-2018

Decreased, 2013-2018

Not available

Not available

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

Female

during the 3 months before the survey)

No change

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

[§]Not enough years of data to calculate.

Female Sexual Be	havior	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					nk alcol	hol or us	sed drug	s before	last sex	kual inte	ercourse	e (amon	g studer	nts			
											23.8	26.9	19.2	20.7	No linear change	Not available [§]	No change
QN63: 1				who use	d a con	dom dur	ring last	sexual i	intercou	rse (am	ong stu	dents w	ho were	:			
											54.8	54.1	39.3	50.3	No linear change	Not available	No change
QN64: 1							oills bef	ore last	sexual i	ntercou	rse (to p	prevent	pregnan	icy,			
											22.3	24.6	23.8	33.8	Increased, 2013-2018	Not available	No change
QNIUD or Nexp																	
uou (0)											3.7	6.2	11.0	8.1	No linear change	Not available	No change

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

Not enough years of data to calculate.

				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		
control 1	PARG: I ring (suc y sexual	ch as Nu	vaRing)														
											6.8	7.7	5.7	9.1	No linear change	Not available§	No change
implant control 1	HPL: I (such as ring (suc y sexual	s Implan ch as Nu	on or N vaRing	explano	n); or a	shot (su	ch as D	epo-Pro	vera), p	atch (su	ch as C	rthoEv	a), or b		Increased, 2013-2018	Not available	No change
QNDUApills; an Depo-Pi	(such as ring (suc	s Implanch as Nully active Percentauch as Margareth patch (s	age of st	expland) before udents v r ParaG OrthoEv	who use ard) or i	shot (su ual inter	condon (such as	epo-Pro (to prev n during Implan	g last sex on or Nos Nuval	atch (su mancy, s xual inte	32.7 ercourseon); or a	38.5 e and bi shot (s	ra), or b s who w 40.5 rth contach as	51.0	Increased, 2013-2018	Not available	No change

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

[§]Not enough years of data to calculate.

Maryland High School Survey Worcester County Trend Analysis Report

Female Sexual Behaviors 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 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§ 14.5 14.7 17.5 8.0 No linear change Decreased QN84: Percentage of students who were ever tested for human immunodeficiency virus (HIV) (not counting tests done if they donated blood) 13.1 16.2 14.2 No linear change Not available No change

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

[§]Not enough years of data to calculate.

				Н	ealth Ri	isk Beha	avior an	d Perce	entages						Linear Change [*]	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
						erweigh data fro						tile for l	ody ma	ss			
											14.9	17.4	16.2	16.0	No linear change	Not available¶	No change
			of stud			besity (>			le for bo	ody mas	ss index	, based	on sex-	and			
age-spe	cific refe	erence d	ata fron	the 200	00 CDC	growth	charts) ^s										
age-spec	cific refe	erence d	ata from	n the 200	00 CDC	growth	charts) ^s				8.7	9.6	10.7	10.2	No linear change	Not available	No change
			,			growth		·	very ov	/erweigl		9.6	10.7	10.2	No linear change	Not available	No change
			,					·	very ov	verweigl		9.6	31.9	30.1	No linear change No linear change	Not available Not available	No change
QN67: QN69:	Percenta	age of st	udents v	who des	scribed th		es as sli	ghtly or			ht 32.2	33.2	31.9	30.1			

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

[§]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	re the si	ırvey)				
											9.6	13.4	14.5	11.4	No linear change	Not available§	No change
QNFR0 or grape							r drink 1	100% fr	uit juice	es (such	as oran	ge juice	apple j	uice,	,		
91 grup	jaree, a	uring u	o , aa,			-5)					4.7	8.0	9.8	7.8	Increased, 2013-2018	Not available	No change
																	Č
QNFR1 orange j										or more		er day (s	uch as				

^{*}Based on trend 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.

J	runuge	ment an	u Dicu	-		isk Beh	avior an	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QNFR2 orange j										or more	times p	er day (such as				
											30.1	26.6	22.4	25.5	No linear change	Not available [§]	No change
QN71:	Percent	age of st	udents	who did	not eat	green sa	ılad (one	e or moi	re times	during	the 7 da	ıys befo	re the s	urvey)			
											26.1	34.6	38.4	35.3	Increased, 2013-2018	Not available	No change
QN72:	Percent	age of st	udents v	who did	not eat	potatoes	s (one or	r more t	imes du	ring the	7 days	before	he surv	ey)	,		
											31.8	33.9	35.2	35.5	No linear change	Not available	No change
QN73:	Percent	age of st	udents	who did	not eat	carrots	(one or r	more tin	nes duri	ng the 7	days b	efore th	e surve	y)			

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

[§]Not enough years of data to calculate.

				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	age of st	udents v	who did	not eat	other ve	getable	s (one o	r more t	imes du	iring the	e 7 days	before t	he			
											14.8	15.3	15.9	12.9	No linear change	Not available [§]	No change
	G0: Peros, or pota											ng Frenc	h fries,	fried			
											4.2	6.8	5.7	5.6	No linear change	Not available	No change
	G1: Perc																
	fries, frie	ed potate	oes, or p	otato ci	npsj, ca	rrots, or	omer v	egetable	s, uurm	ig the /	uays oc	TOTO THE	541.05)				

^{*}Based on trend 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.

				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			
QNVEC French f																	
											31.1	28.6	22.1	30.0	No linear change	Not available [§]	Increased
QNVEC [excludi survey)														the 15.6	No linear change	Not available	Increased
[excludi survey)		ch fries,	fried po	who did	or potat	o chips]	, carrots	or glass	er veget	ables, d	uring th	15.0	s before 10.1	15.6	No linear change	Not available	Increased

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

[§]Not enough years of data to calculate.

1995 19														
1773 17	97 1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	- •		
											ay			
1,	,				Τ,	6	·	19.9			15.1	Decreased, 2013-2018	Not available§	No change
									epsi, or Sprite, not counting diet soda or diet pop, during the 7 days before the	epsi, or Sprite, not counting diet soda or diet pop, during the 7 days before the survey	epsi, or Sprite, not counting diet soda or diet pop, during the 7 days before the survey)		epsi, or Sprite, not counting diet soda or diet pop, during the 7 days before the survey)	epsi, or Sprite, not counting diet soda or diet pop, during the 7 days before the survey)

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

[§]Not enough years of data to calculate.

-	Activity			Н	ealth Ri	sk Beha	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	-		
kind of	Percenta physical fore the	activity															
Ĭ		3,									37.3	34.9	32.5	34.1	No linear change	Not available [§]	No change
	DAY: I	nd of ph	ysical a	ctivity th	who did hat incre												
	he 7 day										21.7	20.7	23.0	24.6	No linear change	NT / 11.11	
											21.7	20.7	23.0	24.0	140 iiiicai change	Not available	No change
during t		activity									per day	on all 7	days (i	n any	140 inical change	Not available	No chang

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

[§]Not enough years of data to calculate.

Female Physical	Activity	7		н	ealth Ri	isk Beh	avior ar	nd Perce	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN79:	Percenta	age of s	tudents	who wa	tched tel	levision	3 or mo	ore hours	s per da	y (on ar	n averag	ge schoo	ol day)	·			
											27.4	21.9	19.4	20.3	Decreased, 2013-2018	Not available [§]	No change
QN80: (countin Instagra	ig time s	spent on	things	such as	Xbox, P	layStati	on, an il	Pad or o	ther tab	let, a sn	nartpho	ne, texti	ng, Ŷoι	ıTube,			
											30.6	36.8	34.2	41.3	Increased, 2013-2018	Not available	Increased
QN81: week wl					ended ph	nysical e	ducation	n (PE) c	lasses o	on 1 or r	nore da	ys (in a	n averag	ge	,		
											20.0	16.7	18.4	17.1	No linear change	Not available	No change

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

[§]Not enough years of data to calculate.

				carell Ki	ISK Della	avior an	ia 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			
NDLYPE: Pe				o attend	led phys	sical edu	cation (PE) clas	sses on a	all 5 da	ys (in a	n averag	ge			
eek when they	y were ii	i school))							13.2	11.1	12.2	11.8	No linear change	Not available§	No change
N83: Percent												,				

^{*}Based on trend 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 Other																	
				H	ealth Ri	isk Beh	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	3		
QN86: I						ist (for a	check-ı	ıp, exan	n, teeth	cleaning	g, or oth	er denta	ıl work	,	,		
during ti	12 111		orore the	garvey	,							77.3	80.8	78.8	No linear change	Not available [§]	No change
QNNOD	ONT: P	ercentag	ge of stu	dents w	ho neve	r saw a	dentist (for a ch	eck-up,	exam, to	eeth cle	aning, o	or other	dental			
work)												1.3	0.8	1.1	No linear change	Not available	No change
			-							-	:						
QN87: 1	Percenta	age of st	tudents v	who had	l ever be	een told	by a doo	ctor or n	urse tha	it they h	ad asthr	na					·,

^{*}Based on trend 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 Site-Add	ed			н	ealth R	isk Beh	avior at	nd Perc	entages						Linear Change [*]	Quadratic Change [*]	Change from
				11	carin K	isk Della	avioi ai	iu i ci c	chages						Emear Change	Quadratic Change	2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN90:	Percenta	age of st	udents v	who are	transge	nder		•	•			•	1.5	0.8	No linear change	Not available [§]	No change
QN93: before the									ng (on at	least 1	day du	ring the	30 days 37.0	37.8	No linear change	Not available	No change
QN94:	Percenta	age of st	udents	who smo	oked a v	vhole ci	garette l	pefore a	ge 13 ye	ears (fo	r the firs	st time)					
											8.7	7.1	5.8	4.0	Decreased, 2013-2018	Not available	No change
QN98: day duri						pacco in	a hooka	ah, nargl	hile, or	other ty	pe of w	aterpipe	(on at l	east 1			
													4.2	3.4	No linear change	Not available	No change

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

Temale Site-Addo	ed			**				1.0							*	0 1 4 0 *	CI 6
				н	eaith K	isk Beha	avior ar	ia Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_ 1		
QN99: vapor pr											flavor v	with an	electron	iic			
												93.2	98.8	99.6	Increased, 2014-2018	Not available§	No change
QN101: oil, or T			students	s who ha	ave ever	used an	electro	nic vapo	or produ	ct to sm	oke ma	rijuana,	THC o	r hash			
													8.3	28.0	Increased, 2016-2018	Not available	Increased
QN102:				s who th	ink they	definite	ely or pr	obably	will smo	oke a ciş	garette,	cigar, c	igarillo,	, or			
													18.0	13.4	No linear change	Not available	No change
QN103: flavored survey)																	
											14.0	11.3	6.3	6.5	Decreased, 2013-2018	Not available	No change

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

[§]Not enough years of data to calculate.

Female Site-Adde	ed																
				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	_		
QN104:		tage of	students	s who tri	ied or us	sed toba	cco prod	lucts for	the firs	t time (during t	he 12 m	onths b	efore			
	-37											11.9	9.8	10.4	No linear change	Not available§	No change
QN105: survey, a												2 month	s before	e the			
											35.4	29.8	29.0	6.6	Decreased, 2013-2018	Not available	Decreased
QN106:	Percen	tage of	students	s who liv	ve with	someone	e who no	ow smol	kes ciga	rettes or	cigars	:	•				
											42.2	42.0	36.2	33.5	Decreased, 2013-2018	Not available	No change
QN107: allowed										home i	s that sı	noking	is not				
													79.8	83.0	No linear change	Not available	No change

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

[§]Not enough years of data to calculate.

Temale Site-Adde	ed																
				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	3		
QN108: during th					ere in th	ie same	room w	ith some	eone wh	o was si	moking	(on at 1	east one	e day			
													37.0	34.4	No linear change	Not available [§]	No change
QN110: school y		tage of	students	s who w	ere taug	ht in the	ir classe	es about	the dan	gers of	tobacco	use (d	uring the	e last			
											58.6	57.1	55.2	51.7	Decreased, 2013-2018	Not available	No change
QN117: friends	Percen	tage of	students	s who sa	y defini	tely yes	or prob	ably yes	s that yo	ung peo	ple wh	o smok	e have n	nore			
											31.0	30.2	34.1	35.0	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 pe	eople lo	ok	,		
											18.3	13.6	20.6	21.5	Increased, 2013-2018	Not available	No change

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

[§]Not enough years of data to calculate.

Female Site-Addo	ed			н	ealth Ri	isk Beh	avior an	nd Perc	entages						Linear Change [*]	Quadratic Change*	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QN119:								eeking h	elp fron	n one or	more a	dults be	esides th	neir			
F			- F	1							83.7	86.2	84.4	82.6	No linear change	Not available§	No change

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

[§]Not enough years of data to calculate.

White* Injury ar	nd Viol	ence		τ.	T 141. T	el n		J.D.	4-	_					L'array Char †	Over house Character	Characa for
				I.	lealth F	kisk Ber	navior a	nd Per	centage	S					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN9: Pe							ho had l	been dri	nking a	lcohol (in a car	or othe	vehicle	e, one	•		
or more	ciffic d	aring un	e so day	o cron	o the sur	,,,,					24.4	23.0	15.8	17.7	Decreased, 2013-2018	Not available¶	No change
QN10: I times du days befo	ring the	30 days															
days ber	ore the	sui vey)									15.8	9.5	9.1	8.8	Decreased, 2013-2018	Not available	No change
QN11: I the 30 da survey)																	
• •											50.8	41.9	32.9	40.5	Decreased, 2013-2018	Not available	No change

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

 $^{^{\$}}$ Based on t-test analysis, p < 0.05. Not enough years of data to calculate.

White* Injury a	nd Viol	ence		F	Iealth R	Risk Bel	navior a	nd Pero	centage	\mathbf{s}					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QN13: 1						eapon o	n school	proper	ty (such	as a gu	ın, knife	e, or clu	o, on at	least 1	:		
day duri	ng the 3	ou days i	before in	ne surve	:y)						5.8	4.0	5.5	4.9	No linear change	Not available [¶]	No change
QN14: 1 or for a s													for hu	nting 4.7	No linear change	Not available	No chang
QN16: l knife, or										on scho	ol prop	erty (su	ch as a g	gun,			
											7.1	7.3	6.4	6.9	No linear change	Not available	No chang

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

 $^{^{\$}}$ Based on t-test analysis, p < 0.05. Not enough years of data to calculate.

•	nd Viol			H	Iealth F	Risk Bel	navior a	nd Per	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
	Percenta before t		tudents	who wei	re in a p	hysical	fight on	school	property	y (one o	r more	times du	ring the	:12	+		
monuis	octore t	ne surve	-y)								7.8	7.6	8.9	9.4	No linear change	Not available [¶]	No change
someon	e they w	vere dati	tudents v	oing out	with [co	ounting	such thi	ngs as b	eing hit	, slamm	ned into	someth	ing, or i	njured			
someon with an	e they w object o	vere dati or weapo		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			
someon with an	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	No linear change	Not available	No chang
someon with an went ou	e they w object o t with so	vere dati or weapo omeone	ng or go on] one o	oing out or more the 12 m	with [co	ounting uring the efore th	such thi e 12 mo e survey	ngs as b nths bef	eing hit fore the	, slamm survey,	ned into among 9.8	someth students 10.4	ing, or ing who da	njured ated or 9.4	No linear change	Not available	No chanş

^{*}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* njury a	nd Viol	lence															
				H	Iealth R	Risk Bel	avior a	nd Per	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
				who wer a, ever d							d throug	gh textir	ıg, Insta	gram,			
											20.0	18.0	20.2	17.4	No linear change	Not available¶	No chang
QN25:	Percent doing s	age of s	tudents	who felt	sad or l	nopeless g the 12	(almos months	t every before	day for the surv	>=2 wed	eks in a	row so	that the	у			
											25.6	26.5	30.8	31.3	Increased, 2013-2018	Not available	No chang
QN26:	Percent	age of s	tudents	who seri	iously co	onsidere	d attem	pting su	icide (e	ver duri	ing the	12 mont	hs befor	re the			·
•											15.5	17.7	17.8	19.1	No linear change	Not available	No chang
QN27: before the			tudents	who ma	de a pla	n about	how the	y would	d attemp	ot suicid	e (durin	ig the 12	2 month	S			
											12.3	13.3	14.5	16.3	Increased, 2013-2018	Not available	No chang

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

 $^{^{\$}}$ Based on t-test analysis, p < 0.05. Not enough years of data to calculate.

White* Fobacco	Use																
				H	Iealth F	Risk Bel	navior a	nd Per	centage	S					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QN32: I survey)	Percenta	age of st	udents	who cur	rently s	moked o	rigarette	s (on at	least 1 c	lay duri	ng the 3	30 days	before t	ne			
											21.5	15.4	13.2	9.2	Decreased, 2013-2018	Not available¶	No chang
QNFRC			of stud	ents who	o curren	ntly smo	ked ciga	rettes fi	requentl	y (on 20	or mor	e days	during tl	ne 30			,
uys oci	ore the	sur vey)									7.2	5.4	4.3	2.7	Decreased, 2013-2018	Not available	No chang
QNDAY pefore th			ge of st	udents v	vho curi	rently sn	noked ci	igarettes	s daily (on all 30	0 days d	uring th	ne 30 da	ys			,
		• /									5.1	4.1	2.8	1.8	Decreased, 2013-2018	Not available	No chang
QN34: I	es, vapi	ing pens															,
eGo, and	ı mai0] <i>)</i>)										44.0	45.7	56.9	Increased, 2014-2018	Not available	Increase

^{*}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 Worcester County Trend Analysis Report

White* **Tobacco Use Health Risk Behavior and Percentages** Linear Change[†] Quadratic Change[†] Change from 2016-2018 § 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QN35: Percentage of students who currently used an electronic vapor product (including e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs, and hookah pens [such as blu, NJOY, Vuse, MarkTen, Logic, Vapin Plus, eGo, and Halo], on at least 1 day during the 30 days before the survey) 27.3 28.2 41.7 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) 3.3 4.6 14.7 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 2.8 10.6 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) Increased, 2014-2018 Not available 31.3 31.4 42.7 Increased

^{*}Non-Hispanic.

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

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

Not enough years of data to calculate.

White* 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	3		
QN36: 1 (such as survey, a	a conve	enience	store, su	ipermar	ket, disc	count sto	re, gas	station,	or vape	store, d	uring th	e 30 day					
													10.8	9.3	No linear change	Not available [¶]	No change
dissolva	ble toba	cco pro	ducts [s	uch as C	Copenha	sed smo gen, Gri days bet	izzly, Sl	coal, or	Camel S					nic	,		
													6.9	4.6	No linear change	Not available	No change
QN38: 1					rently s	moked c	igars (c	igars, ci	garillos	, or little	e cigars,	on at le	ast 1 da	ıy			;
											14.0	9.9	8.2	7.3	Decreased, 2013-2018	Not available	No chang

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

 $^{^{\$}}$ Based on t-test analysis, p < 0.05. Not enough years of data to calculate.

Maryland High School Survey Worcester County Trend Analysis Report

White* **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)

26.4 18.5 15.0 12.8 Decreased, 2013-2018

Not available¶

No change

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

§Based on t-test analysis, p < 0.05.

Not enough years of data to calculate.

White* Alcohol and Other Drug Use	Н	lealth R	lisk Beh	avior a	nd Perc	centage	S					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991 1993 1995 1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN40: Percentage of students	who had	their fir	rst drink	of alco	hol befo	ore age 1	3 years	(other	than a f	ew sips)			
								21.2	18.9	18.6	15.0	Decreased, 2013-2018	Not available [¶]	No chang
QN41: Percentage of students the 30 days before the survey)	who curi	rently dr	rank alco	ohol (at	least on	e drink	of alcol	ol, on a	at least	l day dı	uring			
								47.5	37.4	36.8	37.0	Decreased, 2013-2018	Not available	No chang
QN42: Percentage of students female students or five or more day during the 30 days before t	drinks o	of alcoho												

^{*}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														
				H	Iealth R	Risk Bel	navior a	nd Per	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN45:	Percenta	age of s	tudents	who eve	r used n	narijuan	a (one c	or more	times du	iring the	eir life)						
											44.4	35.6	35.2	40.9	No linear change	Not available [¶]	No chang
QN46:	Percent	age of s	tudents	who trie	d marijı	ıana for	the first	time be	efore ago	e 13 yea	ars		•				
											7.9	10.0	7.1	8.2	No linear change	Not available	No chang
QN47: survey)	Percent	age of s	tudents	who cur	rently u	sed mar	ijuana (one or n	nore tim	es durir	ig the 30	0 days t	efore th	ie			
											25.0	21.0	21.8	27.9	No linear change	Not available	Increased
QN48:	Percent	age of s	tudents	who eve	r used s	ynthetic	marijua	ana (one	or more	e times	during	their life	e)				
												12.0	8.8	8.9	No linear change	Not available	No chang

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

 $^{^{\$}}$ Based on t-test analysis, p < 0.05. Not enough years of data to calculate.

riconor	cohol and Other Drug 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			
differen	Percenta tly than odone, a	how a d	octor to	ld them	to use i	t (count	ing drug	s such a									
													12.7	14.5	No linear change	Not available [¶]	No chang
	Percenta nore tim				r used c	ocaine (any fori	n of coo	caine, in	cluding	powder	r, crack,	or free	oase,			,
one or i											7.3	6.3	5.1	6.1	No linear change	Not available	37 1
one or i											7.3	0.5	3.1	0.1	Tvo inicai change	1 (of available	No chang
QN52:	Percenta		udents	who eve	r used h	neroin (a	lso calle	ed "sma	ck," "jur	nk," or "					Two finear change	Tiot uvalidore	No chang
QN52:			udents	who eve	r used h	eroin (a	lso calle	ed "smad	ck," "jur	nk," or "					No linear change	Not available	No chang
QN52: times d		eir life)	udents	who eve	er used n	nethamp					'China V	White," 3.7	one or r	more 3.4			

^{*}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.

Alcohol a	and Oth	her Di	rug	Use	H	lealth R	tisk Beh	avior a	nd Pero	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	5 1	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN54: 1	Percenta	age of	stuc	dents v	vho eve	r used e	cstasy (also call	ed "MD	MA," c	one or m	nore tim	es durir	g their l	life)			
												10.2	8.2	5.6	5.1	Decreased, 2013-2018	Not available¶	No chang
QN56: I							ed any il	legal dr	ug (used	l a need	le to inj					Decreased, 2013-2018	Not available [¶]	No chang
QN56: 1 body, on							ed any il	legal dr	ug (used	l a need	le to inj					Decreased, 2013-2018 No linear change	Not available [¶] Not available	No chang
	e or mo	age of	stuc	luring dents w	their lif	e)				·		ect any 2.9	illegal o	lrug into	their 3.3			

^{*}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 **Worcester County Trend Analysis Report**

White*

				H	Health F	Risk Bel	navior a	nd Per	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	<u> </u>		
QN58:	Percent	age of s	tudents	who eve	er had se	exual int	ercourse	;			48.3	39.0	39.9	38.6	Decreased, 2013-2018	Not available [¶]	No change
QN59:	Percent	age of s	tudents	who had	l sexual	intercou	arse for	the first	time be	fore ago	e 13 yea	4.3	3.2	3.2	No linear change	Not available	No change
QN60:	Percent	age of s	tudents	who had	l sexual	intercou	ırse with	four o	more p	ersons	during t	heir life	9.1	8.2	Decreased, 2013-2018	Not available	No change
QN61: during t						ntly sexu	ually act	ive (had	l sexual	interco	urse wit	th at lea	29.6	erson, 30.3	No linear change	Not available	No change

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

 $^{^{\$}}$ Based on t-test analysis, p < 0.05. Not enough years of data to calculate.

White* Sexual B	Sehavio	rs															
				F	Iealth F	Risk Bel	navior a	nd Per	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QN62: 1 who we					nk alcol	hol or us	sed drug	s before	last sex	cual inte	ercourse	(amon	g studen	ts			
											31.3	30.8	25.7	23.7	Decreased, 2013-2018	Not available¶	No chang
QN63:				who use	d a cond	dom dur	ring last	sexual i	ntercou	rse (am	ong stud	lents wl	no were				
·											62.7	57.7	46.4	52.6	Decreased, 2013-2018	Not available	No chang
QN64: I						control p	pills befo	ore last	sexual i	ntercou	rse (to p	revent j	pregnan	cy,			
											21.1	23.4	22.3	37.0	Increased, 2013-2018	Not available	Increased
QNIUD or Nexp																	,
active)					·	-	2 0	- '	3		1.8	5.1	8.0	5.8	Increased, 2013-2018	Not available	No chang

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

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

				H	Iealth F	Risk Bel	havior a	nd Per	centage	S					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	<u> </u>		
control 1	ring (suc	Percenta ch as Nu lly active	ivaRing														
											6.5	5.7	5.3	5.0	No linear change	Not available¶	No chan
mplant control	(such as ring (suc	Percenta s Implan ch as Nu lly active	on or NivaRing	explano	n); or a	shot (su	ich as Ď	epo-Pro	vera), p	atch (su	ich as C	OrthoEvi	a), or b		Increased, 2013-2018	Not available	Increase
QNDUA	(such as ring (such as ring (such as y sexual ALBC: a IUD (such as rovera),	s Implan ch as Nu	age of st	expland before udents r ParaG OrthoEv	who use ard) or i	shot (su cual inte	ach as D rcourse a condor (such as	epo-Pro (to prev m during Implan g (such a	g last secon or N	atch (sugnancy,	29.4 ercourse on); or a	orthoEvi students 34.2 e and bit i shot (si	a), or be who was 35.5	47.8	Increased, 2013-2018	Not available	Increas

^{*}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.

1997 1999	2001 2003	3 2005										
		2003	2007	2009	2011	2013	2014	2016	2018			
				revent p	pregnan	cy durii	ng last s	exual				
dents who were	currently sexu	ally active	e)			0.4	12.0	12.1	0.2	Na linaan ahanaa	Nat and lable	No abou
						9.4	12.0	13.1	9.2	No linear change	Not available	No chan
•	dents who were	dents who were currently sexu	dents who were currently sexually active	dents who were currently sexually active) 9.4	dents who were currently sexually active) 9.4 12.0	9.4 12.0 13.1	dents who were currently sexually active)	dents who were currently sexually active) 9.4 12.0 13.1 9.2 No linear change	dents who were currently sexually active) 9.4 12.0 13.1 9.2 No linear change Not available Not avai			

^{*}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 R	Risk Bel	navior a	nd Per	centage	S					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
		entage o										tile for l	oody ma	iss			
											14.8	15.3	14.0	14.8	No linear change	Not available	No chang
		rcentage erence d							ile for b	ody mas	ss index	, based 10.5	on sex-	and 10.9	No linear change	Not available	No chan
ige-spec	eific refe		ata fron	n the 200	00 CDC	growth	charts)	ſ			9.9				No linear change	Not available	No chan
ige-spec	eific refe	erence d	ata fron	n the 200	00 CDC	growth	charts)	ſ			9.9				No linear change	Not available Not available	No chan
QN67:	eific refe	age of st	ata fron	who des	cribed t	growth	charts)	ightly or	· very ov	verweig	9.9 ht 26.0	10.5	28.3	10.9 27.6			

^{*}Non-Hispanic

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

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

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

^{**}Not enough years of data to calculate.

				F	Iealth R	Risk Bel	navior a	nd Pero	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991 199	93	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN70: Perce	entag	ge of st	udents v	who did	not eat	fruit (or	ne or mo	re times	s during	the 7 da	ays befo	ore the s	urvey)				
												440		420		NT	
											10.3	14.0	13.1	12.0	No linear change	Not available [¶]	No chan
							r drink	100% fr	uit juice	es (such					No linear change	Not available	No char
ONFRO: Per or grape juice							r drink	100% fr	uit juice	es (such	as oran	ge juice	, apple j	juice,			
grape juice	e, du	ring th	e 7 days	s before	the surv	vey)					as oran	ge juice	, apple j		No linear change Increased, 2013-2018	Not available Not available	No c
	e, du	aring th	student	s before	the surv	vey) or drank	100% fi	ruit juic	es one o		as oran	ge juice	, apple j	juice,			

^{*}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.

veight	vianage	ment a	nu Diei	ary Bel I		Risk Bel	navior a	nd Per	centage	es.					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
						or drank the 7 d				or more	times p	er day (such as				
											31.3	27.2	23.7	26.3	No linear change	Not available¶	No chang
QN71:	Percenta	age of st	udents	who did	not eat	green sa	alad (on	e or mo	re times	during	the 7 da	ıys befo	re the s	urvey)	· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·
											29.8	36.9	37.6	36.7	Increased, 2013-2018	Not available	No chang
QN72:	Percenta	age of st	udents	who did	not eat	potatoe	s (one or	r more t	imes du	ring the	7 days	before t	he surv	ey)	,		
											27.2	31.1	33.4	33.6	Increased, 2013-2018	Not available	No chang
QN73:	Percenta	age of st	udents	who did	not eat	carrots	(one or	more tir	nes duri	ng the 7	days b	efore th	e surve	y)	,		
											46.2	51.3	51.6	49.7	No linear change	Not available	No chan

^{*}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 Pero	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN74: survey)	Percenta	age of st	tudents v	who did	not eat	other ve	getables	s (one o	r more t	imes du	iring the	7 days	before t	he	1		
sui vey)											13.7	14.6	16.6	15.4	No linear change	Not available¶	No chang
	G0: Perc											ng Frenc	ch fries,	fried 6.3	Increased, 2013-2018	Not available	No chan
ootatoe:		eentage	s], carro	nts who	ate vege	etables,	during the	he 7 day	es per d	ay (gree	3.7 en salad	6.3	7.1 es [excl	6.3 uding	Increased, 2013-2018	Not available	No chan

^{*}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 Pero	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	<u> </u>		
QNVEC French f																	
											32.2	30.2	24.6	28.7	No linear change	Not available¶	No change
QNVEC [excludi survey)														the 12.7	No linear change	Not available	No change
[excludi	ng Fren	ch fries,	fried po	who did	or potat	o chips]	, carrots	or glass	er veget	ables, d	uring th	ne 7 day 14.9	s before	12.7	No linear change	Not available	No chang

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

 $^{^{\$}}$ Based on t-test analysis, p < 0.05. Not enough years of data to calculate.

				H	Iealth F	Risk Bel	havior a	and Pero	centage	es					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
										or pop or				ay	,		
										7 days be		e surve	y) ¹	ay 19.1	No linear change	Not available [¶]	No chan
										7 days be	efore the	e surve		•	No linear change	Not available [¶]	No chan
such as (Coke, P A2: Per	Pepsi, or	Sprite,	not cou	nting di	et soda	or diet p	oop, duri	of soda of	7 days be	21.7 vo or m	20.8 ore tim	17.3 es per c	19.1	No linear change	Not available [¶]	No cha

^{*}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* Physical	Activit	y		Н	lealth R	Risk Beh	avior a	nd Pero	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
	physical	activity	udents v														
J		37									48.0	45.4	43.8	44.3	No linear change	Not available¶	No chang
1 day (ii	ı any kiı	nd of ph	ge of stu ysical ac	ctivity th													
											14.9	15.8	15.5	18.4	No linear change	Not available	No chang
												an all 7	dove G	n onw			
	physical		ge of stu that inc														

^{*}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.

hysical .	ACUVIL	y		H	lealth R	isk Beh	navior a	nd Perc	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN79: F	Percenta	age of st	udents v	who wat	ched tel	evision	3 or mo	re hours	s per da	y (on an	n averag	e schoo	ol day)	•			
											25.3	22.0	16.1	17.5	Decreased, 2013-2018	Not available¶	No chang
															,		·
counting	g time s	pent on	things s	such as 2	Xbox, Pl	layStatio	on, an iF	ad or ot	ther tab	let, a sm	nartphoi	ne, texti	ng, Ŷoι	ıTube,	Increased, 2013-2018	Not available	No chan
QN80: For counting instagrange of the country of th	g time s m, Face	pent on book, or age of st	things s r other s	such as 2 ocial me	Xbox, Pledia, for	ayStation someth	on, an iF ing that	ad or ot was not	ther tabl	let, a sm work, c	nartphoi on an av 32.5	ree, textiverage s	ng, You chool da 38.0	aTube, ay) 43.7	Increased, 2013-2018	Not available	

^{*}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 Worcester County Trend Analysis Report

White* **Physical Activity Health Risk Behavior and Percentages** Linear Change[†] Quadratic Change[†] Change from 2016-2018 § 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 QNDLYPE: Percentage of students who attended physical education (PE) classes on all 5 days (in an average week when they were in school) 20.5 12.1 16.5 22.0 No linear change 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) 16.1 16.1 No linear change Not available No change

^{*}Non-Hispanic.

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

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

Not enough years of data to calculate.

White* Other																	
				I	Health F	Risk Bel	navior a	nd Pero	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN86: 1 during tl						ist (for a	check-ı	ıp, exan	n, teeth	cleaning	g, or oth	er dent	al work	,			
uuring u	12 11	onuis oc	erore the	survey)												
												79.2	83.0	81.4	No linear change	Not available [¶]	No change
QNNOI	ONT: Pe	ercentag	ge of stu	dents w	ho neve	r saw a	dentist (for a ch	eck-up,	exam, t	eeth cle				No linear change	Not available [¶]	No change
QNNOI work)	ONT: Pe	ercentag	ge of stu	dents w	ho neve	r saw a	dentist (for a ch	eck-up,	exam, t	eeth cle				No linear change	Not available¶ Not available	No change
	ONT: Po	ercentag	ge of stu	dents w	ho neve	r saw a	dentist (for a ch	eck-up,	exam, t	eeth cle	aning,	or other	dental			
												aning, o	or other	dental			

^{*}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 **Worcester County Trend Analysis Report**

White*

				F	Health F	Risk Bel	avior a	nd Pero	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN90:	Percent	age of s	tudents	who are	transge	nder					,		1.8	1.3	No linear change	Not available¶	No change
						cell pho			g (on at	least 1	day dur	ing the	30 days 37.7	40.1	No linear change	Not available	No change
QN94:	Percent	age of s	tudents	who sm	oked a v	whole ci	garette b	efore a	ge 13 ye	ears (for	the firs	8.3	6.9	6.0	Decreased, 2013-2018	Not available	No change
			tudents before th			oacco in	a hooka	h, nargl	nile, or o	other ty	pe of wa	aterpipe	(on at le	23.7	No linear change	Not available	No change

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

 $^{^{\$}}$ Based on t-test analysis, p < 0.05. Not enough years of data to calculate.

Maryland High School Survey Worcester County Trend Analysis Report

White* Site-Added **Health Risk Behavior and Percentages** Linear Change[†] Quadratic Change[†] Change from 2016-2018 § 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QN99: Percentage of students who usually use a kind of flavoring other than tobacco flavor with an electronic vapor product (among students who have ever used an electronic vapor product) 95.3 99.2 98.8 Increased, 2014-2018 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 Not available 12.0 31.2 Increased, 2016-2018 Increased QN102: Percentage of students who think they definitely or probably will smoke a cigarette, cigar, cigarillo, or little cigar in the next year 19.4 14.9 No linear change Not available No change QN103: Percentage of students who used flavored tobacco products (flavored cigars, cigarillos, or little cigars, flavored smokeless tobacco products, or both, not counting menthol cigarettes, during the 30 days before the survey) Decreased, 2013-2018 Not available No change 17.4 15.2 9.0

^{*}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 Worcester County Trend Analysis Report

Site-Added **Health Risk Behavior and Percentages** Linear Change[†] Quadratic Change[†] Change from 2016-2018 § 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QN104: Percentage of students who tried or used tobacco products for the first time (during the 12 months before the survey) Not available ¶ 13.4 11.6 8.6 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) Not available 35.4 28.4 29.9 8.2 Decreased, 2013-2018 Decreased QN106: Percentage of students who live with someone who now smokes cigarettes or cigars

40.3 38.7

35.3

80.0

84.6

31.7 Decreased, 2013-2018

Increased, 2016-2018

Not available

Not available

White*

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)

No change

Increased

^{*}Non-Hispanic.

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

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

Not enough years of data to calculate.

Maryland High School Survey Worcester County Trend Analysis Report

White* 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 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 37.3 35.8 QN110: Percentage of students who were taught in their classes about the dangers of tobacco use (during the last school year) 61.9 60.2 57.2 55.0 Decreased, 2013-2018 Not available No change QN117: Percentage of students who say definitely yes or probably yes that young people who smoke have more friends 29.0 26.1 30.9 Increased, 2013-2018 Not available Increased 36.4 QN118: Percentage of students who say definitely yes or probably yes that smoking makes young people look cool or fit in 17.9 14.1 20.6 25.9 Increased, 2013-2018 Not available Increased

^{*}Non-Hispanic.

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

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

Not enough years of data to calculate.

Maryland High School Survey Worcester County Trend Analysis Report

White* Site-Added

Health Risk Behavior and Percentages

Linear Change[†]

Quadratic Change[†]

Change from 2016-2018 §

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

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

82.8 84.4 84.4 79.0

No linear change

Not available¶

Decreased

^{*}Non-Hispanic.

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

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

Not enough years of data to calculate.

njury a				H	Iealth R	Risk Bel	navior a	nd Pero	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
					with a ce the sur		ho had l	been dri	nking al	cohol (in a car	or other	vehicle	e, one			
											24.7	21.6	12.3	16.6	Decreased, 2013-2018	Not available¶	No chang
				who car		eapon o	n schoo	l proper	ty (such	as a gu	ın, knife	e, or club	o, on at	least 1			
											2.1	2.4	8.7	4.0	Increased, 2013-2018	Not available	No chang
					ried a gu n at leas							gun only	for hur	nting			
or for a s																	

^{*}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.

пјигу а	nd Viol	ence		H	lealth R	lisk Bel	navior a	nd Pero	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	<u> </u>		
	Percenta									on scho	ol prop	erty (suc	h as a g	un,			
	 			o daring	, чис 12		001010		-		7.4	5.4	7.8	6.9	No linear change	Not available¶	No change
	Percenta			who wei	e in a p	hysical	fight on	school	property	(one or	r more	imes du	ring the	12			
	Percenta before the			who wei	re in a p	hysical	fight on	school	property	(one on	r more	imes du	ring the		Decreased, 2013-2018	Not available	No chang

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

 $^{^{\$}}$ Based on t-test analysis, p < 0.05. Not enough years of data to calculate.

Black* Injury and Vio	lence		H	Health F	Risk Bel	havior a	and Per	centage	es					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991 1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QN23: Percen	tage of s	tudents	who we	re bullie	d on scl	nool pro	perty (e	ver duri	ing the	12 mont	hs befor	e the su	ırvey)			
										20.4	16.3	14.7	14.9	No linear change	Not available¶	No change
QN24: Percen Facebook, or o										d throug	gh textir	ıg, Insta	gram,			,
										12.9	8.8	12.5	11.0	No linear change	Not available	No change
QN25: Percen stopped doing										eks in a	row so	that the	y			
										29.0	23.1	21.7	21.5	No linear change	Not available	No change

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

 $^{^{\$}}$ Based on t-test analysis, p < 0.05. Not enough years of data to calculate.

7 1999 2001 2	003 2005 2007	2009 201			_				
		2009 201	1 2013	2014	2016	2018			
ts who seriously cons	idered attempting su	uicide (ever d	uring the 1	2 mont	hs before	e the			
			15.8	11.4	17.6	14.6	No linear change	Not available¶	No chan
t	s who made a plan a	s who made a plan about how they woul	s who made a plan about how they would attempt suic				15.8 11.4 17.6 14.6 s who made a plan about how they would attempt suicide (during the 12 months		

^{*}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.

Black* Tobacco U	Use																
				H	lealth F	Risk Bel	havior a	ınd Per	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN32: Posurvey)	ercenta	ige of st	udents v	who cur	rently si	moked c	cigarette	es (on at	least 1	day duri	ing the 3	30 days	before t	he			
											13.5	8.0	5.8	2.4	Decreased, 2013-2018	Not available [¶]	No change
QNFRCIO days befo			of stud	ents who	o curren	itly smo	ked ciga	arettes f	requentl	y (on 20	or moi	e days	during t	he 30	1		
											2.8	3.0	0.5	0.7	No linear change	Not available	No change
QNDAYO before the			ge of sti	udents w	vho curr	ently sn	noked c	igarette	s daily (on all 3	0 days d	uring th	ne 30 da	ys	1		
											2.4	1.5	0.5	0.7	No linear change	Not available	No change
QN34: Po	es, vapi	ng pens															
eGo, and	Haio])											35.3	43.6	49.0	Increased, 2014-2018	Not available	No change

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

 $^{^{\$}}$ Based on t-test analysis, p < 0.05. Not enough years of data to calculate.

lack* obacco Use																
			H	lealth R	disk Bel	avior a	nd Per	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991 1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
N35: Percentag pipes, vape pipe Plus, eGo, and Ha	es, vapii	ng pens	s, e-hool	kahs, an	d hooka	h pens	[such as	blu, NJ								
											22.0	15.8	24.4	No linear change	Not available¶	No chang
NFREVP: Perceluring the 30 days				o currer	ntly used	l electro	onic vap	or produ	icts free	quently (on 20 o	r more	days			,
											2.5	1.1	5.3	No linear change	Not available	Increase
NDAYEVP: Pe			udents v	vho curi	rently us	sed elec	tronic v	apor pro	oducts d	aily (on	all 30 d	ays du	ring			
											2.5	0.6	4.8	No linear change	Not available	Increase
NTB5: Percental lay during the 30					smoked	cigaret	tes or u	sed elec	tronic v	apor pro	oducts (on at le	east 1			
											25.5	19.4	26.0	No linear change	Not available	No chang

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

 $^{^{\$}}$ Based on t-test analysis, p < 0.05. Not enough years of data to calculate.

lack* obacco	Use																
				H	Iealth R	Risk Beh	avior a	nd Pero	centage	S					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	201	3		
M27. I	Dorgonte	C .	_												-		
						sed smo								nic			
issolval	ble toba	cco pro	ducts [st	uch as C	Copenha		zzly, Sk	oal, or						nic			
issolval	ble toba	cco pro	ducts [st	uch as C	Copenha	gen, Gri	zzly, Sk	oal, or						4.9	No linear change	Not available [¶]	No chan
issolval apor pro	ble toba oducts, Percenta	on at lea	ducts [suast 1 day	uch as C y during	Copenha the 30 o	gen, Gri	zzly, Sk fore the	oal, or (survey)	Camel S	nus], no	ot count	ing any	5.7	4.9	No linear change	Not available [¶]	No chanş
issolval apor pro	ble toba oducts, Percenta	on at lea	ducts [suast 1 day	uch as C y during	Copenha the 30 o	gen, Gri days bef	zzly, Sk fore the	oal, or (survey)	Camel S	nus], no	ot count	ing any	5.7	4.9	No linear change Decreased, 2013-2018	Not available¶ Not available	No chang
issolvatapor pro 2N38: I 2NTB2:	ble toba oducts, Percenta ne 30 da	age of st	ducts [su ast 1 day udents v re the su	who curring	copenha, the 30 d	gen, Gri days bef	zzly, Sk fore the s	oal, or o	Camel S	or little	e cigars,	on at le	5.7 east 1 da 13.6	4.9 ny 5.7	,		

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

 $^{^{\$}}$ Based on t-test analysis, p < 0.05. Not enough years of data to calculate.

				H	Iealth R	tisk Beh	avior a	nd Perc	centages	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	 }		
QN40: 1	Percenta	ige of st	udents v	who had	l their fii	rst drink	of alco	hol befo	ore age 1	13 years	(other t	han a fe	w sips))			
											27.8	18.0	15.4	15.8	Decreased, 2013-2018	Not available [¶]	No chang
	Percenta			who cur	rently di	rank alco	ohol (at	least on	e drink	of alcol	nol, on a	it least 1	day du	ıring			,
				who cur	rently di	rank alco	ohol (at	least on	e drink	of alcol	nol, on a	at least 1	day du	ring 19.6	Decreased, 2013-2018	Not available	No chan
N42: I	Percenta	re the si	urvey)	who curr	rently w	ere bing	ge drinki	ng (had	four or	more d	36.5	21.7	18.1 in a ro	19.6 w for	Decreased, 2013-2018	Not available	No chan

^{*}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.

Health Risk Behavior 1991 1993 1995 1997 1999 2001 2003 20 QN45: Percentage of students who ever used marijuana (or QN46: Percentage of students who tried marijuana for the QN47: Percentage of students who currently used marijuan survey)	005 2007 200	2009 2	2011 2013		2016	2018	Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
QN45: Percentage of students who ever used marijuana (or QN46: Percentage of students who tried marijuana for the QN47: Percentage of students who currently used marijuan					2016	2018	_		
QN46: Percentage of students who tried marijuana for the QN47: Percentage of students who currently used marijuan	ne or more times	times durin	ng their life)						
QN47: Percentage of students who currently used marijuar									
QN47: Percentage of students who currently used marijuar			45.9	38.9	38.1	39.8	No linear change	Not available¶	No change
	first time before	efore age 1	3 years			•			
			16.8	15.0	12.5	10.2	Decreased, 2013-2018	Not available	No change
	na (one or more t	more times	during the 3	30 days b	efore th	e			
			25.6	22.8	21.5	24.8	No linear change	Not available	No chang
QN48: Percentage of students who ever used synthetic man		e or more ti	mes during	their life	e)				
	rijuana (one or m			8.8	7.7	4.5	No linear change	Not available	No chang

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

 $^{^{\$}}$ Based on t-test analysis, p < 0.05. Not enough years of data to calculate.

Black* Alcohol	and Ot	her Dru	g Use														
				H	lealth R	Risk Beh	avior a	nd Per	centage	S					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
lifferer	tly than	age of st how a d	octor to	ld them	to use i	t (counti	ing drug	gs such a									
													14.6	12.4	No linear change	Not available¶	No chang
		age of st			r used c	ocaine (any for	m of coo	caine, in	cluding	powde	r, crack	or free	base,			
											4.6	4.7	6.7	4.8	No linear change	Not available	No chang
	Percenta uring the	age of st eir life)	udents v	who eve	r used h	eroin (a	lso calle	ed "sma	ck," "jur	nk," or '	'China	White,"	one or	more			
											2.9	3.6	2.3	2.3	No linear change	Not available	No chang
												1 .1	1	_ "			
		age of st					hetamii	nes (also	called	"speed,	" "cryst	al meth,	crani	ζ,"			

^{*}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.

			Ü	H	lealth R	Risk Beh	avior a	nd Pero	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN54:	Percenta	age of s	tudents	who eve	r used e	cstasy (a	also call	ed "MD)MA," c	one or m	nore tim	nes duri	ng their	life)			
											7.9	4.6	3.5	3.9	No linear change	Not available [¶]	No chang
				who eve		ed any il	legal dri	ug (usec	l a need	le to inj					No linear change	Not available [¶]	No chang
				who eve		ed any il	legal dr	ug (used	l a need	le to inj					No linear change No linear change	Not available [¶] Not available	No chang
body, or	ne or mo	ore time	s during	their lif	e)	•	-				ect any	illegal 3.1	drug int	o their			
body, or QN57:	ne or mo	age of s	s during		e)	•	-				ect any	illegal 3.1	drug int	o their			,

^{*}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 Worcester County Trend Analysis Report

Black* **Sexual Behaviors Health Risk Behavior and Percentages** Linear Change[†] Quadratic Change[†] Change from 2016-2018 § 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QN58: Percentage of students who ever had sexual intercourse Not available ¶ 53.6 49.1 Decreased, 2013-2018 No change QN59: Percentage of students who had sexual intercourse for the first time before age 13 years 18.5 16.9 Decreased, 2013-2018 Not available No change 14.1 9.3 QN60: Percentage of students who had sexual intercourse with four or more persons during their life 26.9 19.9 21.4 15.2 Decreased, 2013-2018 Not available No change QN61: Percentage of students who were currently sexually active (had sexual intercourse with at least one person, during the 3 months before the survey) No linear change Not available No change 42.3 35.9 40.4 36.5

^{*}Non-Hispanic.

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

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

Not enough years of data to calculate.

Maryland High School Survey Worcester County Trend Analysis Report

Black* **Sexual Behaviors**

Health Risk Behavior and Percentages

Linear Change[†] Quadratic Change[†] **Change from** 2016-2018 §

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

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

18.2 18.3 15.7

No linear change

Not available¶

No change

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

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

Not enough years of data to calculate.

Black* Weight I	Manage	ement a	nd Diet	ary Beh	aviors												
				F	Iealth F	Risk Beh	avior a	nd Per	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QNOW												tile for l	oody ma	ıss			
											23.0	20.2	19.9	17.9	No linear change	Not available	No chang
QNOBE									ile for b	ody mas	ss index	, based	on sex-	and			
											15.2	22.5	18.9	19.5	No linear change	Not available	No chang
QN67: 1	Percenta	age of st	udents	who des	cribed t	hemselv	es as sli	ghtly or	very ov	verweig	ht		-				
											27.0	29.4	31.4	19.4	No linear change	Not available	Decrease
QN69: 1			udents	who did	not drii	nk fruit j	uice (10	00% frui	it juices	one or 1	more tir	nes duri	ng the 7	days			,
											25.1	26.6	29.2	28.2	No linear change	Not available	No chang

^{*}Non-Hispanic

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

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

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

^{**}Not enough years of data to calculate.

				H	lealth R	kisk Beh	avior a	nd Pero	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QN70:	Percenta	age of st	udents v	who did	not eat	fruit (on	e or mo	re times	s during	the 7 da	ays befo	ore the s	urvey)				
											18.5	17.9	22.6	21.4	No linear change	Not available¶	No change
		ntage of					r drink 1	100% fr	uit juice	es (such	as oran	ge juice	, apple j	uice,			
		ntage of luring th					r drink 1	100% fr	uit juice	es (such	as oran		, apple j	uice, 11.7	No linear change	Not available	No change
or grape QNFR1	juice, d		e 7 days	s before	the surv	vey) or drank	100% fi	ruit juic	es one o		7.1	11.6	13.5				

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

 $^{^{\$}}$ Based on t-test analysis, p < 0.05. Not enough years of data to calculate.

Black* Weight N	Manage	ement a	nd Diet	•													
				H	Health F	Risk Bel	navior a	ind Per	centage	S					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QNFR2: orange ju										or more	times p	er day (such as				
											27.1	30.2	26.3	22.2	No linear change	Not available¶	No change
QN71: I	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 s	urvey)			,
											45.4	49.0	56.5	62.6	Increased, 2013-2018	Not available	No change
QN72: I	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)			
											42.7	44.6	46.3	40.5	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)			
											78.4	66.4	69.8	70.8	No linear change	Not available	No change

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

 $^{^{\$}}$ Based on t-test analysis, p < 0.05. Not enough years of data to calculate.

				H	lealth R	Risk Bel	navior a	nd Pero	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN74: survey)	Percenta	age of st	udents v	who did	not eat	other ve	getables	s (one o	r more t	imes du	ring th	e 7 days	before	the			
sui vey)											28.0	22.8	26.4	24.8	No linear change	Not available¶	No chang
	GO: Perc											ng Frend	ch fries,	fried 12.6	No linear change	Not available	No chanş
ootatoes QNVE(entage (of stude	ts, or oth	ate veg	etables,	during the	he 7 day	es per d	ay (gree	9.7 en salad	11.8	12.5 es [excl	12.6	No linear change	Not available	No chan

^{*}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.

	g		nd Dieta	-		Risk Bel	navior a	nd Pero	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QNVEC French f																	
		•	•		•						17.4	23.7	15.4	16.7	No linear change	Not available¶	No chang
												ad, potat ne 7 days 15.9		the 11.6	No linear change	Not available	No chang
excludi survey) QN75:	ng Frencenta	ch fries,	fried po	otatoes,	or potat	o chips]	, carrots	or glass	er veget	ables, d	9.3	ne 7 days	7.9	11.6	No linear change	Not available	No chan

^{*}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	and Per	centage	es					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991 199	93	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
NSODA1:	Per	centage	e of stud	lents wh	no drank	a can, l	bottle, o	or glass o	of soda o	or pop o	ne or m	ore time	es per da	ny	.,		
NSODA1: uch as Cok														ny	,		

^{*}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 [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
kind of p	Percenta physical fore the s	activity	that ind														
,		3,															
											31.5	36.1	34.0	43.7	No linear change	Not available¶	No chang
1 day (iı	DAY: For any kir	nd of ph	ysical a	ctivity t							f physic	al activ	ity on a	t least	No linear change	Not available ¹	No chang
1 day (iı	n any kir	nd of ph	ysical a	ctivity t							f physic	cal activ	ity on a	t least	No linear change No linear change	Not available Not available	No chang
1 day (induring the during the du	n any kir	nd of phoses before Percenta activity	ysical a e the sur age of str	ctivity to	vho wer	eased th	eir heart	rate an	d made	ninutes	f physic reathe h 31.2 per day	cal active ard son 21.6	ity on a ne of the 28.7	t least time 25.5			

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

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

Black* Physical Activity		Н	Iealth R	isk Beh	navior a	nd Pero	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991 1993 1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN79: Percentage of st	udents v	vho wat	ched tel	evision	3 or mo	re hours	s per da	y (on ar	ı averag	e schoo	l day)	•			
									44.4	39.3	29.2	28.1	Decreased, 2013-2018	Not available¶	No change
QN80: Percentage of st (counting time spent on Instagram, Facebook, or	things si	uch as Y	Xbox, Pl	layStatio	on, an iF	ad or o	ther tab	let, a sn	nartphoi	ne, texti	ng, Ŷoı	ıTube,	No linear change	Not available	No change
	udents v		nded ph	ysical e	ducation	n (PE) c	lasses o	n 1 or r	nore da	ys (in a	n averag	ge			
QN81: Percentage of st week when they were in	school)	1													

^{*}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 Worcester County Trend Analysis Report

Black* **Physical Activity Health Risk Behavior and Percentages** Linear Change[†] Quadratic Change[†] Change from 2016-2018 § 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 QNDLYPE: Percentage of students who attended physical education (PE) classes on all 5 days (in an average week when they were in school) 23.6 25.3 26.4 23.8 No linear change 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) 16.3 16.2 No linear change Not available No change

^{*}Non-Hispanic.

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

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

Not enough years of data to calculate.

Black* Other				F	Iealth R	tisk Bel	navior a	nd Pero	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QN86: I						st (for a	check-u	ıp, exan	n, teeth	cleaning	g, or oth	er dent	al work	65.9	No linear change	Not available [¶]	No change
QNNOE work)	ONT: Pe	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)												4.7	4.5	2.5	No linear change	Not available	No change
QN87: 1	Percenta	age of s	tudents	who had	l ever be	en told	by a doc	tor or n	urse tha	it they h	nad asth	ma			,		
											35.9	31.8	29.4	36.1	No linear change	Not available	No change

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

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

Maryland High School Survey **Worcester County Trend Analysis Report**

Rlack*

				I	Health F	Risk Bel	navior a	nd Pero	centage	S					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN90:	Percenta	age of s	tudents	who are	transge	nder						,	1.6	0.7	No linear change	Not available [¶]	No change
QN94:	Percenta	age of s	tudents	who sm	oked a v	whole ci	garette b	efore a	ge 13 ye	ears (for	the first	7.8	9.4	2.4	Decreased, 2013-2018	Not available	Decreased
QN98: day duri						oacco in	a hooka	ıh, nargl	nile, or o	other ty	oe of wa	nterpipe	(on at le	2.0	No linear change	Not available	Decreased
QN101: oil, or T			students	s who ha	ave ever	used an	electro	nic vapo	or produ	ct to sm	oke ma	rijuana,	THC or 10.2	hash 19.3	Increased, 2016-2018	Not available	Increased

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

 $^{^{\$}}$ Based on t-test analysis, p < 0.05. Not enough years of data to calculate.

Maryland High School Survey Worcester County Trend Analysis Report

Black* Site-Added **Health Risk Behavior and Percentages** Linear Change[†] **Ouadratic Change**[†] Change from 2016-2018 § 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QN102: Percentage of students who think they definitely or probably will smoke a cigarette, cigar, cigarillo, or little cigar in the next year No linear change Not available ¶ No change 20.7 12.8 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) 20.9 12.2 9.3 Decreased, 2013-2018 Not available Decreased QN104: Percentage of students who tried or used tobacco products for the first time (during the 12 months before the survey) 7.4 8.3 4.5 No linear change Not available No change QN106: Percentage of students who live with someone who now smokes cigarettes or cigars 47.3 47.9 37.8 36.3 Decreased, 2013-2018 Not available No change

^{*}Non-Hispanic.

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

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

Not enough years of data to calculate.

Maryland High School Survey Worcester County Trend Analysis Report

Black* 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 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) 75.5 81.7 No linear change Not available ¶ No change QN108: Percentage of students who were in the same room with someone who was smoking (on at least one day during the 7 days before the survey) No linear change Not available No change 31.5 22.3 QN110: Percentage of students who were taught in their classes about the dangers of tobacco use (during the last school year) 67.9 62.3 59.6 55.3 Decreased, 2013-2018 Not available No change QN117: Percentage of students who say definitely yes or probably yes that young people who smoke have more friends 53.2 50.0 59.2 47.9 No linear change Not available Decreased

^{*}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 Worcester County Trend Analysis Report

Black* 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 QN118: Percentage of students who say definitely yes or probably yes that smoking makes young people look cool or fit in 31.6 23.9 32.5 30.1 No linear change Not available ¶ No change

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

 $77.1 \quad 82.9 \quad 83.3 \quad 82.7 \qquad \text{No linear change} \qquad \qquad \text{Not available} \qquad \qquad \text{No change}$

*Non-Hispanic.

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

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

Not enough years of data to calculate.