Maryland Middle School Survey Worcester County Trend Analysis Report

				Н	ealth Ri	sk Beha	avior an	d Perce	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
			-									:	•				
N6: Ficycle)		ge of stu	dents w	ho rarel	y or nev	er wore	a bicyc	le helme	et (amon	ng stude	nts who	had ric	lden a				

9.1 5.0 5.3 4.4 Decreased, 2013-2018 Not available No change

76.8 76.8 64.1 63.8 Decreased, 2013-2018

QN7: Percentage of students who rarely or never wore a helmet when rollerblading or skateboarding (among

QN8: Percentage of students who rarely or never wore a seat belt (when riding in a car)

Total

students who used rollerblades or rode a skateboard)

No 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 Middle School Survey Worcester County Trend Analysis Report

Injury ar	nd Viole	ence															
				Н	ealth R	isk 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	3		
QN9: P	ercenta	ge of stu	udents w	ho ever	rode wi	ith a driv	er who	had bee	n drinki	ing alco	hol (in	a car)					
											25.6	23.4	25.4	21.6	No linear change	Not available§	No change
QN10:	Percent	age of s	tudents	who eve	er carrie	d a wear	on (suc	h as a g	un, knif	e, or clu							
											34.4	35.0	33.9	35.3	No linear change	Not available	No change
QN11:	Percent	age of s	tudents	who we	re ever i	n a phys	sical figl	nt			52.1	46.9	47.1	43.6	Decreased, 2013-2018	Not available	No change
											32.1	10.7	77.1	43.0		110t available	110 change
QN14:	Percent	age of s	tudents	who eve	er seriou	sly thou	ght abou	ıt killin	g thems	elves	18.2	17.7	16.9	22.0	No linear change	Not available	Increased
QN15:	Percent	age of s	tudents	who eve	er made	a plan a	bout hov	w they v	vould ki	ill them	selves		11.0	14.3	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.

Total Injury a	ınd	Viole	nce															
					Н	ealth R	isk Beh	avior aı	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 [†]
1991	. 1	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	,		
QN16:	Pe	rcenta	nge of s	tudents	who eve	er tried t	o kill the	emselve	·S			,	,	7.0	7.7	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 Middle School Survey Worcester County Trend Analysis Report

Tobacco	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		
QN17:	Percent	age of s	tudents	who eve	er tried c	rigarette	smokin	g (even	one or t	wo puff	Es)		9.5	10.3	No linear change	Not available [§]	No change
QN18: puffs)	Percent	age of s	tudents	who trie	d cigare	ette smo	king for	the firs	t time bo	efore ag	e 11 ye	ars (eve	n one of	3.3	No linear change	Not available	No change
QN19: survey)		age of s	tudents	who cur	rently s	moked c	rigarette	s (on at	least 1 o	day duri	ng the 3	30 days 6.9	before t	he 2.1	Decreased, 2013-2018	Not available	No change
QNFRO days be				lents wh	o curren	ntly smo	ked ciga	rettes fi	requentl	y (on 20	or moi	re days	during t	he 30 0.1	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.

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obacco U	∪se			Н	ealth R	isk 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	<u> </u>		
QNDAY before th			ge of st	udents v	vho curi	ently sn	noked ci	garettes	daily (on all 30) days d	luring th	ne 30 da	ıys			
											0.5	1.2	0.3	0.1	Decreased, 2013-2018	Not available§	No change
QN21: I	Percent	age of s	tudents	who eve	er used a	ın electro	onic vap	or prod	uct								
												18.1	19.5	25.4	Increased, 2014-2018	Not available	No change
QN22: I before th			tudents	who cur	rently u	sed an e	lectroni	vapor	product	(on at l	east 1 d	lay durii	ng the 3	0 days			
												11.2	6.9	13.0	No linear change	Not available	Increased
QNFREY					o currei	ntly used	l electro	nic vap	or produ	icts freq	uently ((on 20 o	r more	days			
												1.8	0.8	3.3	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.

otal obacco	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			
QNDAY				tudents	who cur	rently us	sed elec	tronic v	apor pro	ducts d	aily (on	all 30 d	ays duri	ing			
ine so di	ays ocre	ore the s	ar (Cy)									1.0	0.5	1.2	No linear change	Not available§	No change
QN23: (such as survey,	a conve	enience	store, su	ipermar	ket, disc	ount sto	re, gas	station,							,		
													10.2	5.3	No linear change	Not available	No change
QN24: dissolva vapor pr	ble toba	icco pro	ducts [s	uch as C	Copenha	gen, Gri	izzly, Sl	coal, or	Camel S					nic			
													2.8	2.5	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.

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Total Tobacco Use

Tobacco	Use			Н	ealth Ri	sk Beha	avior an	d Perce	entages						Linear Change*	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN25: during the					rently sr	noked c	igars (ci	gars, ci	garillos,	or little	cigars,	on at le	ast 1 day	y			
											3.7	4.8	3.0	1.7	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	and Oth	er Drug	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	_ ;		
QN26:	Percenta	age of st	tudents	who eve	er drank	alcohol	(other t	han a fe	w sips)		30.9	24.7	21.1	23.0	Decreased, 2013-2018	Not available [§]	No change
QN27:	Percenta	age of st	tudents	who dra	nk alcol	hol for t	he first t	time bef	ore age	11 year	s (other	than a f	few sips)			
											13.3	9.9	10.3	9.1	Decreased, 2013-2018	Not available	No change
QN28:	Percenta	age of si	tudents	who eve	r used r	narijuan	ıa				12.4	10.6	8.3	11.4	No linear change	Not available	No change
QN29:	Percenta	age of st	tudents	who trie	d mariji	uana for	the firs	t time be	efore ag	e 11 ye	ars 3.0	4.2	1.5	2.3	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	sk Beha	avior an	d Perce	entages						Linear Change [*]	Quadratic Change*	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
differer		how a d	octor to		r took p									•			
ny aroc	one, u												5.4	5.8	No linear change	Not available§	No change
QN31:	Percent	age of st	udents v	who eve	r used c	ocaine (any forr	n of coc	aine, in	cluding	powder	r, crack,	or freeb	oase)			
											3.2	3.7	3.2	1.6	Decreased, 2013-2018	Not available	No change
		<u> </u>	udonte	vho ava	r used in	nhalants	(sniffed	l glue, h	reathed	the con	tents of	spray c	ans or				-
	Percenta							. 6, -				spray c	uns, or				
							(*	. 6, -			8.7	7.3	3.9	4.6	Decreased, 2013-2018	Not available	No change
inhaled	any pair	nts or sp	rays to g	get high)							8.7	7.3		4.6	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.

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exual B	ehavior	s		Н	ealth R	isk Beha	avior ar	nd Perc	entages						Linear Change*	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	<u> </u>		
QN34:	Percenta	age of s	tudents	who eve	er had se	exual int	ercourse	;				11.2	7.2	7.3	Decreased, 2014-2018	Not available [§]	No change
QN35:	Percenta	age of s	tudents	who hac	l sexual	intercou	irse for	the first	time be	fore age	e 11 year	rs 3.5	1.5	1.5	Decreased, 2014-2018	Not available	No change
QN36:	Percenta	age of s	tudents	who eve	er had se	exual int	ercourse	with th	aree or n	nore per	rsons	4.8	3.0	2.0	Decreased, 2014-2018	Not available	No change
QN37: sexual i			tudents	who use	ed a cond	dom dur	ing last	sexual i	ntercou	rse (amo	ong stud	lents wh	62.5	ad 49.8	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.

Total Weight M	I anagei	ment an	nd Dieta	-		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			
QN38:	Percent	age of s	tudents	who des	cribed t	hemselv	ves as sli	ghtly o	very ov	verweig	ht		·	•			
											24.6	26.5	23.9	27.7	No linear change	Not available§	No change
QN39:	Percenta	age of s	tudents	who we	re trying	g to lose	weight										
											45.0	45.5	45.7	45.2	No linear change	Not available	No change
QN40:	Percent	age of s	tudents	who did	not eat	breakfa	st (durir	ig the 7	days be	fore the	survey	·)					
											11.7	9.0	10.1	12.5	No linear change	Not available	No change
QNBK7	DAY:	Percenta	age of st	tudents	who ate	breakfa	st on all	7 days	(during	the 7 da	ays befo	ore the s	urvey)				
											46.3	47.6	46.4	42.2	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.

Maryland Middle School Survey Worcester County Trend Analysis Report

				Не	ealth Ri	sk Beha	avior an	d Perco	entages						Linear Change [*]	Quadratic Change*	Change fro 2016-201
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
_		_			1 2	-						more da	•	-			
ind of p		activity	that inc		1 2	-						more da	•	-			

11.2 12.2 11.8 11.3

QNPA7DAY: Percentage of students who were physically active at least 60 minutes per day on all 7 days (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey)

QNPA0DAY: Percentage of students who did not participate in at least 60 minutes of physical activity on at least 1 day (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time

> 29.6 31.4 35.5 28.5 No linear change Not available Decreased

Not available

No linear change

Total

during the 7 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.

nysical A				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		
QN42: I	Percenta	age of st	udents v	who wat	tched tel	levision	3 or mo	re hour	s per da	y (on ar	averag	e schoo	l day)				
											40.7	34.4	28.8	24.0	Decreased, 2013-2018	Not available§	No chang
QN43: I counting smartpho average	g time s one, con	pent on nputer,	things s	such as p	olaying	games,	watchin	g videos	s, texting	g, or usi	ng socia	al media	on the	ir	Increased, 2013-2018	Not available	Increased
QN44: I					ended ph	nysical e	ducation	n (PE) c	lasses o	n 1 or n	nore da	ys (in ar	averag	ge			
week wh	ien mey	were ii	i school,	,													

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

[§]Not enough years of data to calculate.

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Total **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 2018 QNDLYPE: Percentage of students who attended physical education (PE) classes on all 5 days (in an average week when they were in school) 7.1 6.0 6.6 13.3 Increased, 2013-2018 Not available§ Increased QN45: Percentage of students who played on at least one sports team (counting any teams run by their school or community groups, during the past 12 months before the survey) 60.4 56.9 58.9 No linear change Not available No change QN46: 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)

20.6

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.

Total Other																	
				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	5 2018	-		
QN47:	Percenta	age of s	tudents	who hac	l ever be	en told	by a doo	ctor or n	urse tha	at they h	nad asth	ma					
											24.0	22.2	20.7	19.9	No linear change	Not available [§]	No change
QN48:	Percenta	age of s	tudents	who got	8 or mo	ore hour	s of slee	p (on ar	n averag	e schoo	ol night)						
											54.7	56.7	60.3	50.5	No linear change	Not available	Decreased
QN49: before the			tudents	who des	scribed t	heir grad	des in sc	chool as	mostly	A's or I	B's (dur	ing the	12 mon	ths			,
												82.9	85.3	84.3	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.

Γotal Site-Addo	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		
QN52: driving		age of s	tudents	who hav	ve ever r	idden in	a car d	riven by	someo	ne who	was tex	ting wh	ile they	were 57.8	Decreased, 2014-2018	Not available [§]	Decreased
QN54: stopped											eks in a	row so	that the	У			
											23.2	23.4	20.6	23.7	No linear change	Not available	No change
QN55:	Percenta	age of s	tudents	who sm	oked a v	vhole ci	garette l	pefore a	ge 11 ye	ears (for	the firs	t time)					-
											3.7	4.6	2.7	1.4	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.

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				H	ealth Ri	isk Beh	vior ar	d Perce	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	201	8		
				who usu who hav							flavor v	vith an	electror	nic			
													92.8	94.4	No linear change	Not available [§]	No change
		age of st		who thir	nk they	definitel	y or pro	bably w	ill smok	ce a ciga	arette, c	igar, cig	garillo,	or			,
THUE CIE	ai iii uic	, .	Jui														
inthe CIS	ai iii tiic	, .	zui										8.0	6.8	No linear change	Not available	No change
QN63:	Percenta	age of st	tudents	who use									e cigar	s,	No linear change	Not available	No change
QN63: flavored	Percenta	age of st	tudents										e cigar	s,	No linear change Decreased, 2013-2018	Not available Not available	No change
QN63: flavorec survey)	Percenta smokel	age of si ess toba	tudents vacco pro		r both, r	not coun	ting me	nthol cig	garettes,	during	3.0	flays be	e cigar fore the 2.9	s, 1.6			

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

[§]Not enough years of data to calculate.

otal lite-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		
				who cor sed tobac								months	before	the			
											42.0	33.8	41.7	16.4	Decreased, 2013-2018	Not available [§]	Decreased
QN66:	Percent	age of s	tudents	who live	e with so	omeone	who no	w smok	es cigar	ettes or	cigars	•	-		,		
											44.1	40.9	40.4	34.8	Decreased, 2013-2018	Not available	No change
				who rep					de their	home is	that sm	oking i	s not all	owed			
													75.0	80.3	No linear change	Not available	No change
			tudents e the sur	who we	re in the	same re	oom wit	h some	one who	was sm	noking (on at le	ast one	day			
													23.6	24.9	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.

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				Н	ealth Ri	sk Beha	vior an	d Perce	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
	Percenta ays befo			vho curi	rently di	ank alco	ohol (at	least on	e drink	of alcol	ol, on a	at least 1	day du	ring			
											16.3	13.8	8.1	10.4	Decreased, 2013-2018	Not available [§]	No change
N70:	Percenta	ige of st	udents v	vho curi	rently us	sed mari	juana (c	ne or m	ore time	es durin	g the 30) days b	efore th	e			,
											9.7	7.0	6.4	8.6	No linear change	Not available	No change
	Percenta before tl			vho wer	e offere	d, sold,	or given	an illeg	gal drug	on scho	ool prop	erty (du	iring the	e 12			,
				vho wer	e offere	d, sold,	or given	an illeg	gal drug	on scho	ool prop	erty (du 8.1	aring the	e 12 7.4	No linear change	Not available	Increased
N72:		ne surve	y) udents v	vho saw	a denti	;					6.6	8.1	3.9	7.4	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 Middle School Survey Worcester County Trend Analysis Report

				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>		
QN73: I		ge of st	udents v	who wei	e taugh	t in thei	r classes	about t	he dang	ers of to	obacco 1	use (du	ring the	last			
											79.5	78.3	59.2	63.7	Decreased, 2013-2018	Not available [§]	No change
QN74: I				who par	ticipate	in extra	curricula	ar activi	ties at s	chool (s	such as	sports, l	and, dra	ama,			,
											66.8	69.9	73.7	62.2	No linear change	Not available	Decreased
N77: I	Percenta	ge of st	udents v	who say	definite	ely yes o	or probal	bly yes	that you	ng peop	ole who	smoke	have mo	ore			,
											29.1	25.3	26.2	38.8	Increased, 2013-2018	Not available	Increased
QN78: I	Percenta	ge of st	udents v	who say	definite	ely yes o	or probal	bly yes	that smo	oking m	akes yo	ung peo	ple look	cool			,
															Increased, 2013-2018		

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

				Н	ealth Ri	sk Beha	avior 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			
			udents v everage				gly disap	prove o	of some	one their	age hav	ing one	or two				

85.8 87.6 88.6 85.1

QN81: Percentage of students who think people are at moderate or great risk of harming themselves (physically or in other ways) if they have one or two drinks of alcohol (beer, wine, or liquor) nearly every day

QN80: Percentage of students who responded that their parents would feel it would be wrong or very wrong for them to drink beer, wine, or hard liquor (such as vodka, whiskey, or gin) at least once or twice a month

> 69.4 65.4 72.4 71.9 No linear change Not available No change

Not available

No linear change

Total

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 Middle School Survey Worcester County Trend Analysis Report

				Н	ealth Ri	sk Beha	avior an	nd Perc	entages						Linear Change [*]	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
										of harmi iquor) o				ally			
											76.9	70.5	75.2	75.5	No linear change	Not available§	No change
QN83: o them	Percenta	age of st	tudents	who hav	e an adı	ılt outsi	de of scl	hool the	ey can ta	lk to abo	out thir	ngs that	are imp	ortant			
	Percenta	age of st	tudents	who hav	e an adı	ılt outsi	de of scl	hool the	ey can ta		out thin	ngs that 87.2	are imp	ortant 87.4	Increased, 2013-2018	Not available	No chang
them N84:	Percenta	age of st		who wo	ıld feel	comfort	able see				83.9	87.2	87.0	87.4	Increased, 2013-2018	Not available	No chang
them N84:	Percenta	age of st	tudents v	who wo	ıld feel	comfort	able see			one or r	83.9	87.2	87.0	87.4 eir	Increased, 2013-2018 No linear change	Not available Not available	No chang No chang
N84: arents	Percenta f they h	age of si ad an ir	tudents v	who wou	uld feel n affect	comfort ing their	able see	king he	elp from	one or r	83.9 more ac 81.8	87.2 dults be	87.0 sides the 81.4	87.4 eir 81.7			

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

Total Site-Added **Health Risk Behavior and Percentages** Linear 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 strongly agree or agree that their teachers really care about them and give them a lot of encouragement

68.0 62.2 61.8 59.6

Not available§ No linear change

Quadratic Change*

No change

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

[§]Not enough years of data to calculate.

Maryland Middle School Survey Worcester County Trend Analysis Report

Male **Injury and Violence Health Risk Behavior and Percentages** Linear Change* Quadratic Change* Change from 2016-2018 [†] 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 QN6: Percentage of students who rarely or never wore a bicycle helmet (among students who had ridden a bicycle) 80.3 75.7 70.9 71.9 Decreased, 2013-2018 Not available§ No change QN7: Percentage of students who rarely or never wore a helmet when rollerblading or skateboarding (among students who used rollerblades or rode a skateboard) 74.1 71.1 63.7 63.1 Decreased, 2013-2018 Not available No change QN8: Percentage of students who rarely or never wore a seat belt (when riding in a car) 9.2 7.1 No change 4.0 4.7 Decreased, 2013-2018 Not available QN9: Percentage of students who ever rode with a driver who had been drinking alcohol (in a car) 25.1 21.6 21.0 18.8 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.

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

[§]Not enough years of data to calculate.

Maryland Middle School Survey Worcester County Trend Analysis Report

Injury and Violence Health Risk Behavior and Percentages Linear Change* Quadratic Change* Change from 2016-2018 [†] 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 QN10: Percentage of students who ever carried a weapon (such as a gun, knife, or club) 48.2 45.6 45.7 No linear change Not available§ No change QN11: Percentage of students who were ever in a physical fight 65.6 61.5 61.0 53.4 Decreased, 2013-2018 Not available Decreased QN14: Percentage of students who ever seriously thought about killing themselves Not available

11.9

11.8

11.6

8.5

3.4

12.6

7.9

3.3

No linear change

No linear change

No linear change

QN15: Percentage of students who ever made a plan about how they would kill themselves

QN16: Percentage of students who ever tried to kill themselves

Male

No change

No change

No change

Not available

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 Fobacco	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		
QN17:	Percent	age of st	tudents	who eve	er tried o	cigarette	smokin	g (even	one or t	wo puff	fs)		10.1	8.2	Decreased, 2016-2018	Not available [§]	No change
QN18: puffs)	Percent	age of st	tudents	who trie	ed cigare	ette smo	king for	the first	t time be	efore ag	e 11 ye	ars (eve	n one or	2.4	Decreased, 2016-2018	Not available	Decreased
QN19: survey)	Percent	age of st	tudents	who cur	rently s	moked c	eigarette	s (on at	least 1 o	day duri	ng the 3	30 days 7.0	before to	he 1.6	Decreased, 2013-2018	Not available	No change
QNFRC days bet				ents wh	o currer	ntly smo	ked ciga	arettes fi	requentl	y (on 20	0.4	re days	during the	0.3	No linear change	Not available	No change

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

[§]Not enough years of data to calculate.

Maryland Middle School Survey Worcester County Trend Analysis Report

Male

				Н	ealth Ri	isk 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			
QNDAY before th			ge of st	udents v	vho curr	ently sn	noked ci	garettes	daily (d	on all 30	0 days d	luring th	ne 30 da	ıys			
		•									0.4	2.1	0.2	0.3	No linear change	Not available§	No change
QN21: I	Percent	age of st	udents	who eve	r used a	n electro	onic vap	or prod	uct			18.0	21.2	24.4	No linear change	Not available	No abanga
						,	,					16.0	21.2	<i>2</i> 4.4	No illear change	ivot available	No change
QN22: I before the			udents	who cur	rently u	sed an e	lectronio	vapor	product	(on at 1	least 1 d	ay durii	ng the 3	0 days			
												11.9	7.2	12.9	No linear change	Not available	Increased
QNFRE'					o currer	ntly used	l electro	nic vapo	or produ	icts freq	quently ((on 20 o	or more	days			,
												2.2	1.0	3.3	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.

Male Tobacco U	U se																
				Н	ealth R	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	3		
QNDAY the 30 da				udents	who cur	rently us	sed elect	tronic va	apor pro	ducts d	aily (on	all 30 d	lays dur	ing			
												1.3	0.5	1.7	No linear change	Not available§	No change
QN24: I dissolval vapor pro	ole toba	cco pro	ducts [s	uch as C	Copenha	gen, Gri	zzly, Sk	coal, or	Camel S					nic			
													4.1	3.1	No linear change	Not available	No change
QN25: I during th					rently s	moked c	igars (ci	igars, ci	garillos	, or little	e cigars,	on at le	east 1 da	ıy			
											4.2	5.3	2.9	2.1	Decreased, 2013-2018	Not available	No change

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

[§]Not enough years of data to calculate.

Maryland Middle School Survey Worcester County Trend Analysis Report

Male **Alcohol and Other Drug Use** 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 QN26: Percentage of students who ever drank alcohol (other than a few sips) 31.4 22.6 22.6 21.8 Decreased, 2013-2018 Not available§ No change QN27: Percentage of students who drank alcohol for the first time before age 11 years (other than a few sips) 15.8 11.1 11.6 9.5 Decreased, 2013-2018 Not available No change QN28: Percentage of students who ever used marijuana 10.3 Decreased, 2013-2018 Not available No change 13.6 12.9 QN29: Percentage of students who tried marijuana for the first time before age 11 years 3.0 2.0 2.7 No linear change Not available No change 6.6

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

 $^{^{\}dagger}$ 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	<u> </u>		
differen	Percenta tly than odone, an	how a c	loctor to														
,			,										4.6	4.7	No linear change	Not available§	No change
QN31:	Percenta	age of s	tudents	who eve	r used c	ocaine (any fori	m of coo	caine, in	cluding	powder	r, crack, 4.7	or freel	pase)	Decreased, 2013-2018	Not available	No change
QN32:	Percenta Percenta any pair	age of s	tudents	who eve	r used ii					_	2.9	4.7	2.6		Decreased, 2013-2018	Not available	No change
QN32:	Percenta	age of s	tudents	who eve	r used ii					_	2.9	4.7	2.6		Decreased, 2013-2018 Decreased, 2013-2018	Not available Not available	No change
QN32: inhaled	Percenta	age of sonts or sp	tudents brays to	who eve	r used in	nhalants	(sniffed	l glue, b	preathed	the con	2.9 Itents of 8.2	4.7 Spray c	2.6	1.7			

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

Male

Sexual B	ehavior	s		Н	ealth Ri	isk Beha	avior an	nd Perco	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_ }		
QN34:	Percenta	age of st	tudents	who eve	er had se	xual int	ercourse	;			•	13.5	9.9	7.8	Decreased, 2014-2018	Not available [§]	No change
QN35:	Percenta	age of st	tudents	who had	l sexual	intercou	irse for t	he first	time be	fore age	e 11 yea	rs 5.9	1.8	1.4	Decreased, 2014-2018	Not available	No change
QN36:	Percenta	age of st	tudents	who eve	r had se	xual int	ercourse	with th	ree or n	nore per	rsons	6.5	4.1	2.8	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.

Male Weight N	ht Management and Dietary Behaviors Health Risk Behavior and Percentages													Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]	
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN38:	Percenta	age of s	tudents	who des	cribed t	hemselv	es as sli	ghtly o	r very o	verweig	ght 23.2	25.8	21.4	26.3	No linear change	Not available [§]	No change
QN39:	Percenta	age of s	tudents	who we	re trying	to lose	weight				34.3	41.8	37.8	38.5	No linear change	Not available	No change
QN40:	Percenta	age of s	tudents	who did	not eat	breakfa	st (durin	ig the 7	days be	fore the	survey)	•				
											8.8	7.6	6.8	10.2	No linear change	Not available	No change
QNBK7	DAY:	Percenta	age of st	tudents	who ate	breakfa	st on all	7 days	(during	the 7 da	ays befo	ore the s	urvey)		,		•
											54.4	47.8	50.3	50.7	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	alth Ri	isk Beha	wior an	d Perce	entages						Linear Change [*]	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
kind of	Percenta physical fore the	activity															
·		•									64.9	64.9	64.4	52.8	Decreased, 2013-2018	Not available§	Decreased
	DAY: In any kir	nd of ph	ysical a	ctivity th													
I day (1 during t	he 7 day	S DCIOIC	die bai	<i>(Cy)</i>													
	he 7 day	s octore	die sui	veyy							10.4	9.2	12.3	8.6	No linear change	Not available	No change
during t	he 7 day DAY: I physical fore the	Percenta activity	ge of str	udents w							per day	on all 7	days (in	any	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.

Physical Ac	ctivity			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		
QN42: Pe	ercenta	ge 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)	•			
											39.1	35.5	28.8	23.5	Decreased, 2013-2018	Not available§	No change
QN43: Per (counting smartphon average sc	time s _j ne, con	pent on nputer, 2	things s	uch as p	olaying	games,	watchin	g videos	s, texting	g, or usi	ng soci	al media	a on the	ir	Increased, 2013-2018	Not available	Increased
QN44: Pe week whe					ended ph	nysical e	ducation	n (PE) c	lasses o	n 1 or r	nore da	ys (in aı	n averag	ge			
											97.0	98.4	97.2	72.4	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.

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Male **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 2018

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

> 8.9 5.8 6.0 14.1 Increased, 2013-2018 Not available§

Increased

QN45: Percentage of students who played on at least one sports team (counting any teams run by their school or community groups, during the past 12 months before the survey)

> 62.3 59.6 59.1 No linear change

Not available

No change

QN46: 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)

> 25.3 17.1 No linear change

Not available

Decreased

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

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

[§]Not enough years of data to calculate.

Male Other																	
				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	5 2018	8		
QN47:	Percenta	age of s	tudents	who had	l ever be	en told	by a doo	ctor or n	urse tha	nt they h	nad asth	ma	·				
											25.4	22.9	20.0	19.4	Decreased, 2013-2018	Not available [§]	No change
QN48:	Percenta	age of s	tudents	who got	8 or mo	ore hour	s of slee	p (on ar	n averag	e schoo	l night)						
											58.4	59.6	61.8	54.1	No linear change	Not available	No change
QN49: before the			tudents	who des	scribed t	heir grad	des in so	chool as	mostly	A's or E	3's (dur	ng the	12 mont	ths			
												77.7	85.2	82.5	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.

Male Site-Addo	ed			Н	ealth Ri	isk Beha	avior ar	nd Perco	entages						Linear Change*	Quadratic Change [*]	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	201	8		
QN52: driving		age of s	tudents	who hav	e ever r	idden in	a car dı	riven by	someo	ne who	was tex		·				
												60.1	59.2	55.5	No linear change	Not available [§]	No change
QN54: stopped											eks in a	row so	that the	y			
											12.9	18.1	14.6	14.9	No linear change	Not available	No change
QN55:	Percenta	age of s	tudents	who sm	oked a v	vhole ci	garette b	efore ag	ge 11 ye	ears (for	the firs	t time)			+		
											3.3	6.0	3.6	1.3	Decreased, 2013-2018	Not available	No change

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

[§]Not enough years of data to calculate.

fale ite-Add	ed			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		
QN59: vapor pi											flavor v	with an	electron	ic			
													92.9	91.4	No linear change	Not available [§]	No change
QN62: little cig				who thi	nk they	definitel	y or pro	bably w	ill smol	ke a ciga	arette, c	igar, cig	garillo, o	or			
													8.0	6.6	No linear change	Not available	No change
QN63: flavored survey)																	
											3.7	5.6	3.2	2.2	Decreased, 2013-2018	Not available	No change
QN64: the surv		age of s	tudents	who trie	ed or use	ed tobaco	co produ	icts for	the first	time (d	uring th	e 12 mo	onths be	fore			,
												6.6	5.1	2.9	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.

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Male Cita Addad

			Н	ealth R	isk Beha	avior ar	d Perco	entages						Linear Change*	Quadratic Change [*]	Change from 2016-2018 [†]
1991 1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN66: Percen	tage of s	tudents	who live	e with so	omeone	who nov	w smoke	es cigar	ettes or	cigars 42.8	42.5	39.7	33.9	Decreased, 2013-2018	Not available [§]	No change
QN67: Percen								le their	home is	s that sm	oking i	s not all	owed 81.4	No linear change	Not available	No change
QN68: Percen during the 7 da				re in the	same ro	oom with	n someo	ne who	was sn	noking (on at le	ast one of	day 19.9	Decreased, 2016-2018	Not available	No change
QN69: Percenthe 30 days before			who cur	rently d	rank alc	ohol (at	least on	e drink	of alco	hol, on a	at least	day du	gring 9.6	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 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	<u> </u>		
QN70: survey)		age of s	tudents	who cur	rently u	sed mar	ijuana (one or n	nore tim	es durir	ng the 3	0 days t	efore th	ne			
											9.4	8.8	8.3	9.6	No linear change	Not available [§]	No change
QN71: months				who we	re offere	ed, sold,	or give	n an ille	gal drug	g on sch	ool pro	perty (d	uring th	e 12			
											7.1	11.1	3.4	7.1	No linear change	Not available	Increased
QN72: during t						ist (for a	check-	up, exar	n, teeth	cleaning	g, or oth	ner dent	al work,	,			,
													68.8	75.6	No linear change	Not available	No change
QN73: school		age of s	tudents	who we	re taugh	t in thei	r classes	s about t	the dang	ers of to	obacco	use (dui	ring the	last			
											79.6	82.5	60.5	66.0	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 Site-Addo	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			
QN74: clubs, or				who par	ticipate	in extra	curricul	ar activi	ties at se	chool (s	such as	sports, l	and, dra	ama,			
											63.6	66.4	74.0	59.8	No linear change	Not available§	Decreased
QN77: friends	Percenta	age of st	tudents	who say	definite	ely yes o	or probal	bly yes	that you	ng peop	ole who	smoke	have mo	ore	,		
											25.4	25.1	25.3	38.2	Increased, 2013-2018	Not available	Increased
QN78: or fit in	Percenta	age of st	tudents	who say	definite	ely yes o	or probal	bly yes	that smo	oking m	akes yo	ung pec	ple lool	c cool			
											13.2	16.6	12.6	22.8	Increased, 2013-2018	Not available	Increased
QN79: drinks o							gly disa	oprove o	of some	one thei	r age ha	ving or	e or two)			
				·	•	-							73.9	75.2	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.

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lale ite-Adde	ed			Н	ealth Ri	isk Beha	avior ar	nd Perco	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
	•		•					e would	feel it v	yould be	e wrong	or ver	wrong	for			
QN80: I																	
QN80: I them to d										st once				83.8	No linear change	Not available [§]	No change
	drink be	age of st	e, or hare	d liquor	(such a	s vodka	, whiske modera	ey, or gin	n) at lea	st once	83.8 ng ther	86.5	87.2	83.8	No linear change	Not available [§]	No change

76.3 69.0 73.3 72.3

No linear change

Not available

No change

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

[§]Not enough years of data to calculate.

Maryland Middle School Survey Worcester County Trend Analysis Report

Male

			Н	ealth Ri	sk Beha	vior an	d Perce	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 [†]
1991 1993	3 1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN83: Percer o them	ntage of s	tudents	who hav	e an adı	ılt outsic	le of sch	nool the	y can ta	lk to ab	out thin	gs that	are imp	ortant			
										87.1	86.4	88.9	89.8	No linear change	Not available [§]	No change
QN84: Percer parents if they							king hel	p from	one or i	more ad	lults bes	sides the	ir 82.5	No linear change	Not available	No change
					teacher o	or other	adult in	their sc	hool ab	out a po	ersonal	problem	they			
QN85: Percernad (during th					teacher (or other	adult in	their sc	hool ab	out a pe	ersonal 28.7	problem 27.9	27.9	No linear change	Not available	No change
	e 12 mor	tudents	re the su	irvey)						25.6	28.7	27.9	27.9	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 Injury an	ıd Viole	ence		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		
QN6: P		ge of stu	idents w	ho rarel	y or nev	ver wore	a bicyc	le helm	et (amoi	ng stude	ents who	had rio	lden a				
											76.0	71.9	68.2	68.1	Decreased, 2013-2018	Not available [§]	No change
QN7: P							a helm	et when	rollerbl	ading o	r skateb	oarding	(among	g			
						,					80.7	83.8	65.0	65.1	Decreased, 2013-2018	Not available	No change
QN8: P	ercentag	ge of stu	idents w	ho rarel	y or nev	ver wore	a seat b	elt (wh	en ridin	g in a ca	ar)						
											8.9	3.0	5.9	3.7	No linear change	Not available	No change
QN9: P	ercentag	ge of stu	idents w	ho ever	rode wi	ith a driv	ver who	had bee	en drinki	ing alco	hol (in	a car)					
											26.1	25.3	30.0	25.2	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.

Maryland Middle School Survey Worcester County Trend Analysis Report

Female

Injury and Violence									
Health Risk Beh	vior and Percent	tages					Linear Change*	Quadratic Change*	Change from 2016-2018 [†]
1991 1993 1995 1997 1999 2001 2003	2005 2007 2	2009 2	011 201	3 2014	2016	2018	3		
QN10: Percentage of students who ever carried a weap	on (such as a gun,	, knife, c	or club)	·					
			21.2	21.8	20.5	22.3	No linear change	Not available§	No change
QN11: Percentage of students who were ever in a physical students.	ical fight								
			38.0	32.1	32.5	32.5	No linear change	Not available	No change
QN14: Percentage of students who ever seriously thou	ght about killing tl	hemselv	es						
			25.0	23.3	22.5	32.1	No linear change	Not available	Increased
QN15: Percentage of students who ever made a plan a	out how they wou	uld kill t	hemselves						
					13.6	20.5	Increased, 2016-2018	Not available	Increased
QN16: Percentage of students who ever tried to kill th	mselves				-				
					10.7	11.8	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.

emale Tobacco	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	8		
QN17:	Percenta	age of s	tudents	who eve	er tried c	igarette	smokin	g (even	one or t	wo puff	Es)		8.6	12.4	No linear change	Not available [§]	No change
QN18: puffs)	Percenta	age of s	tudents	who trie	ed cigare	ette smo	king for	the first	t time be	efore ag	e 11 ye	ars (eve	n one or	r two 4.4	No linear change	Not available	No change
QN19: survey)	Percenta	age of s	tudents	who cur	rently si	moked c	eigarette	s (on at	least 1 o	lay duri	ng the 3	30 days 7.0	before t	he 2.7	Decreased, 2013-2018	Not available	No change
QNFRC days bef				ents wh	o curren	tly smo	ked ciga	rettes fi	equentl	y (on 20	or mo	re days	during t	0.0	Not available	Not available	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 Middle 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 QNDAYCIG: Percentage of students who currently smoked cigarettes daily (on all 30 days during the 30 days before the survey) Not available Not available§ 0.7 0.3 0.4 0.0 Not available QN21: Percentage of students who ever used an electronic vapor product 18.4 17.5 26.6 Increased, 2014-2018 Not available Increased QN22: Percentage of students who currently used an electronic vapor product (on at least 1 day during the 30 days before the survey) 13.0 10.4 6.4 No linear change Not available Increased

1.1

0.4

3.0

No linear change

Not available

QNFREVP: Percentage of students who currently used electronic vapor products frequently (on 20 or more days

during the 30 days before the survey)

Increased

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

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

[§]Not enough years of data to calculate.

Female Fobacco V	Use			**	W. D			1.0							*	0 1 4 61 *	CI e
				Н	ealth K	isk Beh	avior ar	id Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	<u> </u>		
QNDAY the 30 da				udents	who cur	rently u	sed elect	ronic va	apor pro	ducts d	aily (on	all 30 d	ays duri	ing			
	J		37									0.6	0.2	0.6	No linear change	Not available§	No change
QN24: I dissolval vapor pr	ble toba	cco pro	ducts [s	uch as C	Copenha	gen, Gr	izzly, Sk	oal, or						nic			
													1.3	1.6	No linear change	Not available	No change
QN25: I					rently s	moked c	eigars (c	igars, ci	garillos	, or little	e cigars,	on at le	ast 1 da	ıy			
											3.0	4.1	2.7	1.2	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 a	and Oth	er Druş	g Use	Н	ealth R	isk Beh	avior ar	nd Perco	entages						Linear Change [*]	Quadratic Change*	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	•		
QN26:	Percenta	age of s	tudents	who eve	r drank	alcohol	(other t	han a fe	w sips)		29.9	26.5	18.8	23.6	No linear change	Not available [§]	No change
QN27:	Percenta	age of st	tudents	who dra	nk alcol	hol for t	he first t	ime bef	ore age	11 year	rs (other	than a f	few sips)	,		
											10.1	8.3	9.1	8.2	No linear change	Not available	No change
QN28:	Percenta	age of si	tudents	who eve	r used r	marijuan	a	,			10.7	8.4	8.5	12.4	No linear change	Not available	No change
QN29:	Percenta	age of si	tudents	who trie	d mariji	uana for	the first	t time be	efore ago	e 11 yea	ars 3.0	1.8	1.1	2.0	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 Alcohol a	nd Oth	er Drug	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	_		
QN30: I	ly than	how a d	loctor to														
nyuroco	done, ar		,,,,,,										6.2	6.9	No linear change	Not available [§]	No change
QN31: 1	Percenta	age of st	udents v	who eve	er used c	ocaine (any fori	n of coo	caine, in	cluding	powde	r, crack,	or freel	oase)			
											3.6	2.6	3.8	1.3	No linear change	Not available	Decreased
QN32: I						nhalants	(sniffed	d glue, b	reathed	the con	itents of	f spray c	ans, or				
											9.1	7.8	4.3	5.1	Decreased, 2013-2018	Not available	No change
QN33: 1	Percenta	age of st	udents	who eve	er took s	teroids v	vithout	a doctor	's presci	ription (pills or	shots)		-			
											1.9	2.8	3.3	1.3	No linear change	Not available	No change

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

[§]Not enough years of data to calculate.

Maryland Middle School Survey Worcester County Trend Analysis Report

Female

Sexual Bo	ehavior	S		Н	ealth R	isk Beh	avior an	id Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN34:	Percenta	age of si	tudents	who eve	er had se	exual int	ercourse	;				9.2	3.9	6.3	No linear change	Not available [§]	No change
QN35:	Percenta	age of st	tudents	who had	l sexual	intercou	irse for t	he first	time be	fore age	e 11 yea	1.2	1.2	1.6	No linear change	Not available	No change
QN36:	Percenta	age of si	tudents	who eve	er had se	exual int	ercourse	with th	ree or n	nore pei	rsons	3.1	1.8	1.3	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.

Veight M						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			
QN38: 1	Percenta	age of st	udents	who des	cribed t	hemselv	es as sli	ightly or	very o	verweig	tht 25.8	27.0	26.6	29.0	No linear change	Not available [§]	No change
QN39: 1	Percenta	nge of st	udents v	who wei	re trying	to lose	weight				56.1	48.8	53.6	52.7	No linear change	Not available	No change
QN40: 1	Percenta	age of st	udents	who did	not eat	breakfa	st (durin	ig the 7	days be	fore the	survey)	•	•			,
											14.9	10.2	13.2	14.1	No linear change	Not available	No change
QNBK7	DAY: I	Percenta	ige of st	udents v	who ate	breakfa	st on all	7 days	(during	the 7 da	ays befo	ore the s	urvey)				
											37.8	47.7	43.0	33.8	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 Physical	Activity	7					į										
				Н	ealth Ri	isk Beh	avior aı	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	-		
QN41: kind of j days bef	physical	activity	that in														
											41.5	42.5	55.7	45.7	No linear change	Not available [§]	No change
QNPA0 1 day (in during t	n any ki	nd of ph	ysical a	ctivity t													
											12.1	15.3	11.2	14.1	No linear change	Not available	No change
QNPA7 kind of j days bef	physical	activity													,		
											20.1	24.3	27.6	25.3	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.

Female Physical	Activity	7		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	5 2018	3		
QN42:	Percenta	age of s	tudents	who wa	tched te	levision	3 or mo	ore hours	s per da	y (on ar	n averag	ge schoo	l day)				
											41.7	33.1	28.7	24.2	Decreased, 2013-2018	Not available [§]	No change
QN43: (countin smartph average	ig time s one, cor	spent on nputer,	things	such as j	playing	games,	watchin	g videos	s, texting	g, or usi	ing soci	al medi	a on the	ir	No linear change	Not available	No change
QN44:	Percenta	age of s	tudents	who atte	ended pl	nysical e	education	n (PE) c	lasses o	n 1 or r	nore da	ys (in aı	ı averag	ge			
week wl	hen they	were ii	n school)							96.9	99.4	97.0	71.2	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.

Physical A	Activity			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	-		
QNDLY					no atteno	ded phys	sical edu	cation ((PE) cla	sses on	all 5 da	ys (in a	n averaş	ge			
week wh	ien tney	were in	1 school)													
											5.0	6.3	7.1	12.8	Increased, 2013-2018	Not available§	No change
											5.0	6.3	7.1	12.8	Increased, 2013-2018	Not available [§]	No change
QN45:									(countir	ng any to					Increased, 2013-2018	Not available [§]	No change
QN45:									(countir	ng any to					Increased, 2013-2018 No linear change	Not available [§] Not available	No change
commur	ity grou	ıps, duri	ing the p	oast 12 r	months b	before th	ne surve	y)			eams ru	n by the 58.8	eir scho	ol or 59.4			
	ity grou	ips, duri	tudents	who had	nonths l	before th	ne surve	y)			eams ru	n by the 58.8	eir scho	ol or 59.4			

^{*}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 Other																	
				Н	ealth Ri	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	-		
QN47:	Percenta	age of st	tudents v	who had	l ever be	en told	by a doo	ctor or n	urse tha	t they l	nad asth	ma					
											22.5	21.7	21.8	21.1	No linear change	Not available [§]	No change
QN48:	Percenta	age of st	tudents v	who got	8 or mo	ore hour	s of slee	p (on ar	averag	e schoo	ol night))					
											50.8	53.9	59.5	46.1	No linear change	Not available	Decreased
QN49: 1			tudents	who des	cribed t	heir grad	des in sc	hool as	mostly	A's or I	B's (dur	ing the	12 mon	ths			
before ti	ic sui ve	·y)										87.9	85.4	87.0	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 Site-Adde	ed			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		
QN52: driving t		age of s	tudents	who hav	e ever r	idden in	a car dı	riven by	someoi	ne who	was tex	ting wh	ile they	were			
												70.1	70.4	60.8	Decreased, 2014-2018	Not available§	Decreased
QN54:											eks in a	row so	that the	y			,
											34.0	28.8	26.8	32.7	No linear change	Not available	No change
QN55:	Percenta	age of s	tudents	who sm	oked a v	vhole ci	garette b	efore ag	ge 11 ye	ears (for	the firs	t time)	•				
											3.9	3.3	1.8	1.7	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.

ite-Add	ea			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		
				who usu who ha							flavor v	with an	electron	ic			
													92.4	97.1	No linear change	Not available [§]	No change
				who thin	nk they	definitel	y or pro	bably w	ill smol	ke a ciga	arette, c	igar, ci	garillo, o	or			
				who thin	nk they	definitel	y or pro	bably w	ill smol	ke a ciga	arette, c	igar, ci	garillo, o	or 6.9	No linear change	Not available	No change
little cig	ear in the	age of s	tudents	who thin who use oducts, o	ed flavor	red tobac	eco prod	lucts (fla	avored c	eigars, c	igarillo	s, or litt	8.0	6.9	No linear change	Not available	No change
little cig QN63: flavored	ear in the	age of s	tudents	who use	ed flavor	red tobac	eco prod	lucts (fla	avored c	eigars, c	igarillo	s, or litt	8.0	6.9	No linear change Decreased, 2013-2018	Not available Not available	No change
QN63: flavored survey)	Percental Smokel	age of si	tudents	who use	ed flavor	red tobac not coun	eco prod	lucts (fla	avored c garettes,	cigars, c , during	rigarillos the 30	s, or litt days be 4.7	8.0 le cigarifore the	6.9			

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

Female	
Site-Adde	d

				H	lealth R	isk Beha	avior ar	d Perc	entages	1					Linear Change*	Quadratic Change [*]	Change from 2016-2018 †
1991	1993	1995	5 1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	8		
QN66:	Percen	tage of	student	s who liv	e with so	omeone	who nov	w smoke	es cigar	ettes or	cigars 45.6	39.1	41.5	35.0	Decreased, 2013-2018	Not available [§]	No change
				s who rep not count					le their	home is	s that sm	noking i	s not all	79.0	No linear change	Not available	No change
QN68: during t				s who we urvey)	ere in the	same ro	oom with	h someo	one who	was sn	noking (on at le	ast one 23.4	day 30.2	No linear change	Not available	No change
QN69: the 30 d				s who cu	rrently d	rank alc	ohol (at	least on	e drink	of alco	hol, on a	at least	1 day dı 9.0	uring	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.

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	- 3		
QN70: I survey)	Percenta	age of st	tudents	who cur	rently u	sed mar	ijuana (d	one or n	nore tim	es durir	ng the 3	0 days t	pefore th	ne			
											10.0	5.4	4.0	7.3	No linear change	Not available [§]	No change
QN71: 1 months l				who we	re offere	ed, sold,	or give	n an ille	gal drug	on sch	ool pro	perty (d	uring th	e 12			
											6.2	5.3	3.9	7.5	No linear change	Not available	Increased
QN72: 1						ist (for a	check-ı	ıp, exan	n, teeth	cleaning	g, or oth	ner dent	al work,	,			
													68.7	75.6	No linear change	Not available	No change
QN73: 1 school y		age of st	tudents	who we	re taugh	t in thei	r classes	about t	he dang	ers of to	obacco	use (du	ring the	last			,
											79.7	74.6	58.3	60.4	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.

te-Add				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>		
	Percenta r studen			who par	ticipate	in extra	curricul	ar activi	ties at s	chool (s	such as	sports, b	and, dr	ama,			
. ruos, o	staden	t govern	iniciti)								69.8	73.4	74.1	64.5	No linear change	Not available [§]	Decreased
												•					•
QN77: riends	Percenta	age of st	tudents	who say	definite	ely yes o	or probal	bly yes	that you	ng peop	ole who	smoke	have m	ore			
	Percenta	age of st	tudents	who say	definite	ely yes o	or probal	bly yes	that you	ng peop	ole who	smoke 25.5	have mo	ore 39.6	Increased, 2013-2018	Not available	Increased
riends					,						32.6	25.5	27.2	39.6	Increased, 2013-2018	Not available	Increased
riends					,		or probal				32.6	25.5	27.2	39.6	Increased, 2013-2018	Not available	Increased
Priends QN78:					,						32.6	25.5	27.2	39.6	Increased, 2013-2018 Increased, 2013-2018	Not available Not available	Increased
Priends QN78:					,						32.6 akes yo	25.5 ung peo	27.2	39.6 k cool			
QN78: or fit in	Percenta	age of st	tudents	who say	definite	ely yes o		bly yes	that smo	oking m	32.6 akes yo	25.5 ung pec 16.9	27.2 ople lool	39.6 k cool 24.2			

^{*}Based on trend 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 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	-		
QN80: them to														for 86.2	No linear change	Not available [§]	No change
QN81: 1	Percents	age of st	tudents	who this	ık neonl	e are at	modera	te or gre	eat rick (of harm					Two initial change	100 a vanaoze	Two change
in other													(physica	arry or			
											70.5	68.8	78.0	75.7	No linear change	Not available	No change
QN82:														ally			
											77.2	71.7	77.4	78.2	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.

Maryland Middle School Survey Worcester County Trend Analysis Report

				Н	ealth Ri	isk Beha	avior an	d Perc	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018
1991 199)3	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
N83: Perce	entag	ge of st	udents v	who hav	e an adı	ult outsi	de of scl	hool the	y can ta	lk to ab	out thin	gs that	are impo	ortant			
) them																	
											80.6	87.9	85.5	85.2	No linear change	Not available§	No change
N84: Perce								king he	lp from	one or r					No linear change	Not available [§]	No change

31.4 34.8 28.1 37.3

63.7 65.0 63.2 58.7

No linear change

No linear change

Not available

Not available

QN86: Percentage of students who strongly agree or agree that their teachers really care about them and give them

a lot of encouragement

Female

Increased

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.

White* Injury a	nd Viol	ence															
				I	Iealth I	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	_		
QN6: Pobicycle)		ge of stu	idents w	ho rarel	y or nev	ver wore	a bicyc	le helm	et (amo	ng stude	ents who	o had rio	lden a				
,,											76.0	71.6	63.9	68.1	Decreased, 2013-2018	Not available¶	No chang
QN7: Postudents							a helm	et when	rollerbl	ading o	r skateb	oarding	(among	Ţ			,
											76.5	75.9	59.4	59.7	Decreased, 2013-2018	Not available	No chang
QN8: Po	ercenta	ge of stu	idents w	ho rarel	y or nev	ver wore	a seat b	elt (wh	en ridin	g in a ca	ar)		:-		+		
											6.7	3.8	2.4	3.1	Decreased, 2013-2018	Not available	No chang
QN9: P	ercenta	ge of stu	ıdents w	ho ever	rode w	ith a driv	ver who	had bee	en drink	ing alco	ohol (in	a car)					
											27.2	26.5	26.8	23.5	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.

Maryland Middle School Survey Worcester County Trend Analysis Report

White*

				I	Health I	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			
QN10:	Percent	age of s	tudents	who eve	er carrie	d a wear	oon (suc	h as a g	un, knif	e, or clu	38.6	40.0	35.7	41.5	No linear change	Not available [¶]	No change
QN11:	Percent	age of s	tudents	who we	re ever i	n a phys	sical figl	nt			44.4	39.1	38.8	37.7	No linear change	Not available	No change
QN14:	Percent	age of s	tudents	who eve	er seriou	sly thou	ght abou	ıt killin	g thems	elves	18.3	18.2	12.8	20.6	No linear change	Not available	Increased
QN15:	Percent	age of s	tudents	who eve	er made	a plan a	bout hov	w they v	would ki	ll thems	selves		10.0	14.8	No linear change	Not available	No change
QN16:	Percent	age of s	tudents	who eve	er tried t	o kill the	emselve	S	,				6.3	6.9	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 Middle 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 QN17: Percentage of students who ever tried cigarette smoking (even one or two puffs) 9.4 Decreased, 2016-2018 Not available ¶ No change QN18: Percentage of students who tried cigarette smoking for the first time before age 11 years (even one or two puffs) 4.0 2.3 No linear change Not available No change QN19: Percentage of students who currently smoked cigarettes (on at least 1 day during the 30 days before the survey) 7.3 7.6 2.7 2.1 Decreased, 2013-2018 Not available No change

1.0

1.8

0.4

0.2

Decreased, 2013-2018

Not available

QNFRCIG: Percentage of students who currently smoked cigarettes frequently (on 20 or more days during the 30

days before the survey)

No change

^{*}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 Middle School Survey Worcester County Trend Analysis Report

White*

Tobacco	Use			I	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			
QNDAY before th			ige of st	udents v	vho curr	ently sn	noked ci	garettes	daily (on all 30	0 days d	luring th	ne 30 da	ıys			
											0.6	1.3	0.2	0.2	No linear change	Not available¶	No change
QN21: 1	Percent	age of s	tudents	who eve	er used a	n electro	onic var	or prod	uct			•			<u> </u>		
												20.2	19.0	24.8	No linear change	Not available	No change
QN22: I before the			tudents	who cur	rently u	sed an e	lectroni	c vapor	product	(on at 1	east 1 d	ay durii	ng the 3	0 days			
												13.5	7.1	13.4	No linear change	Not available	Increased
QNFRE during th					o currer	ntly used	l electro	nic vap	or produ	icts frec	uently ((on 20 c	or more	days			
3				-								1.6	1.0	3.3	No linear change	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.

				H	lealth R	kisk 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	-		
QNDAY				udents v	vho curi	rently us	sed elect	ronic va	apor pro	ducts d	aily (on	all 30 d	ays duri	ing	+		
he 30 da	iys bero	re the si	urvey)									1.0	0.6	0.0	X 11 1	AV	NT 1
												1.0	0.6	0.9	No linear change	Not available¶	No chang
												1.0	0.6	0.9	No linear change	Not available	No chang
QN24: F lissolvat	ole toba	cco pro	ducts [st	ich as C	openha	gen, Gri	zzly, Sk	coal, or (f, dip, sı	nus, or		No linear change	Not available	No chanş
lissolvat	ole toba	cco pro	ducts [st	ich as C	openha	gen, Gri	zzly, Sk	coal, or (f, dip, sı	nus, or		No linear change Decreased, 2016-2018	Not available	No chanş
lissolvat	oducts, o	on at lea	ducts [suast 1 day	uch as C during	copenhage the 30 c	gen, Gri days bef	zzly, Sk fore the	toal, or (survey)	Camel S	Snus], no	ot count	f, dip, si	nus, or electror	1.9			,

^{*}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 Middle School Survey Worcester County Trend Analysis Report

White* **Alcohol 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 QN26: Percentage of students who ever drank alcohol (other than a few sips) 31.9 23.6 19.6 22.5 Decreased, 2013-2018 Not available ¶ No change QN27: Percentage of students who drank alcohol for the first time before age 11 years (other than a few sips) 12.6 9.4 8.5 8.3 Decreased, 2013-2018 Not available No change QN28: Percentage of students who ever used marijuana No change 12.0 10.7 7.3 10.6 No linear change Not available QN29: Percentage of students who tried marijuana for the first time before age 11 years Not available 2.6 4.3 0.6 2.0 Decreased, 2013-2018 No change

^{*}Non-Hispanic.

 $^{^{\}dagger}$ 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.

White* Alcohol	and Otl	her Dru	ıg Use														
				I	Health F	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	_		
QN30: different	tly than	how a d	loctor to														
nyuroco	done, ai	id i cico	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,										5.5	4.9	No linear change	Not available [¶]	No change
QN31: 1	Percenta	age of st	tudents	who eve	er used c	cocaine (any fori	m of co	caine, in	cluding	powder	r, crack,	or freeb	oase)			,
											3.6	4.0	2.7	1.3	Decreased, 2013-2018	Not available	No change
QN32: inhaled						nhalants	(sniffed	d glue, ł	breathed	the con	tents of	spray c	ans, or				
											8.1	8.1	1.7	4.6	Decreased, 2013-2018	Not available	Increased
QN33: 1	Percenta	age of st	tudents	who eve	er took s	teroids v	without	a docto	r's presc	ription (pills or	shots)	:-				
											2.3	3.4	1.1	1.3	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.

				H	Iealth R	Risk Beh	avior a	nd Pero	centage	S					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN34: 1	Percenta	ige of si	udents	who eve	r had se	xual inte	ercourse	;				7.7	5.7	5.7	No linear change	Not available¶	No change
QN35: 1	Percenta	age of si	udents v	who had	l sexual	intercou	rse for t	he first	time be	fore age	e 11 yea	rs 1.9	1.1	1.2	No linear change	Not available	No change
QN36: 1	Percenta	age of st	udents	who eve	r had se	xual inte	ercourse	with th	ree or n	nore per	rsons	3.4	1.6	1.2	Decreased, 2014-2018	Not available	No change

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

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

				H	lealth R	Risk Bel	avior a	nd Pero	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN38:	Percenta	ige of st	udents	who des	cribed th	hemselv	es as sli	ghtly or	very ov	verweig	tht 21.8	27.7	26.2	27.1	No linear change	Not available¶	No chang
QN39:	Percenta	ige of st	udents	who wei	e trying	to lose	weight	,		,	41.7	45.0	46.3	42.8	No linear change	Not available	No chang
QN40:	Percenta	ige of st	udents	who did	not eat	breakfa	st (durin	g the 7	days be	fore the	survey)	•				
											11.5	7.7	5.9	11.4	No linear change	Not available	Increase
QNBK7	DAY: I	Percenta	ige of st	udents v	who ate	breakfa	st on all	7 days	(during	the 7 da	ays befo	re the su	ırvey)				
											46.0	46.1	48.7	43.6	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.

White* Physical	Activit	y															
				H	lealth R	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			
QN41: kind of j days bet	physical	activity															
											57.1	56.6	65.6	52.7	No linear change	Not available¶	Decrease
1 day (i	DAY: In any kin	nd of ph	ysical a	ctivity t											No linear change	Not available	No chang
											0.9	9.1	0.7	6.5	No fifical change	Not available	No chang
kind of	DAY: I	activity															

^{*}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.

/hite* hysical .	Activit	y		T 1	r 141. D	D	•	I D							L'array Charact	Over land's Charact	Cil C
				н	ealth K	ısk Ben	navior a	na Perc	entages	8					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
N42: F	Percenta	ige of st	udents v	vho wat	ched tel	evision	3 or mo	re hours	s per day	y (on an	averag	e schoo	l day)				
											33.6	29.3	25.1	18.5	Decreased, 2013-2018	Not available¶	No chan
counting	g time s one, con	pent on nputer, 2	things s	uch as p	olaying g	games, v	mputer g watching er tablet,	g videos	, texting	g, or ūsi	ng socia	al media	on the	ir	No linear change	Not available	Increase
			udents v		nded ph	ysical e	ducation	n (PE) c	lasses o	n 1 or n	nore day	ys (in ar	averag	je			

^{*}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 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	201	8		
					no atteno	ded phys	sical edu	cation (PE) clas	sses on	all 5 day	ys (in a	n avera	ge			
veek wh	en they	were in	school))													
											£ 1	5 2	47	0.4	Increased 2012 2019	Na4 a:1ab1a¶	Ma alass
											5.1	5.2	4.7	9.4	Increased, 2013-2018	Not available¶	No char
						at least o			(countin	ıg any te					Increased, 2013-2018	Not available [¶]	No char
						at least o			(countin	ig any te		n by the	eir scho	ol or			No chan
									(countin	ag any te					Increased, 2013-2018 No linear change	Not available [¶] Not available	No char
ommun	ity grou	ıps, duri	ing the p	oast 12 r	nonths l	before th	ne surve	y)			eams rui	n by the	eir scho 57.7	ol or 60.5			,
0N46: 1	nity grou	ips, duri	ing the p	who had	nonths l		ne surve	y)			eams rui	n by the	eir scho 57.7	ol or 60.5			

^{*}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.

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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	•		
QN47: P	Percenta	ge of st	udents v	who had	ever be	en told	by a doo	ctor or n	nurse tha	nt they ha	nd asthr	ma					
QN47: P	Percenta	ge of st	udents v	who had	ever be	en told	by a doo	ctor or n	nurse tha	-		ma 17.6	18.1	15.9	No linear change	Not available¶	No change
QN47: P	Percenta	ge of st	udents v	who had	ever be	en told	by a doo	ctor or n	nurse tha	-			18.1	15.9	No linear change	Not available¶	No change
QN47: P						,		·			21.1		18.1	15.9	No linear change	Not available¶	No change
						,		·		re school	21.1 night)		18.1	15.9	No linear change No linear change	Not available¶ Not available	No change

87.2 88.1 88.9

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.

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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 QN52: Percentage of students who have ever ridden in a car driven by someone who was texting while they were driving the car 71.1 67.1 61.3 Decreased, 2014-2018 Not available ¶ No change QN54: Percentage of students who felt sad or hopeless (almost every day for >=2 weeks in a row so that they stopped doing some usual activities, ever during the 12 months before the survey)

2.8

23.2 22.8 18.4 23.5

2.2

1.4

3.6

No linear change

No linear change

Not available

Not available

QN55: Percentage of students who smoked a whole cigarette before age 11 years (for the first time)

No change

No change

^{*}Non-Hispanic.

 $^{^{\}dagger}$ 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.

				H	lealth R	isk Beh	avior a	nd Perc	entage	S					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
	Percenta oduct (a										flavor v	vith an	electror	ic			
													92.0	94.5	No linear change	Not available¶	No change
	Percenta			who thir	ık they o	lefinitely	y or pro	bably w	ill smol	ke a ciga	arette, c	igar, ci	garillo,	or			;
	Percenta ar in the			who thin	ık they o	lefinitely	y or pro	bably w	ill smol	ke a ciga	arette, c	igar, ci	garillo, 6.3	or 4.2	No linear change	Not available	No chang
little cig		age of s	ear tudents	who use	d flavor	ed tobac	co prod	ucts (fla		igars, c	igarillos	s, or litt	6.3	4.2 s,	No linear change	Not available	No chang
little cig QN63: flavorec	ar in the	age of s	ear tudents	who use	d flavor	ed tobac	co prod	ucts (fla		igars, c	igarillos	s, or litt	6.3	4.2 s,	No linear change No linear change	Not available Not available	No change
QN63: flavorec survey)	Percental smokel	e next ye	tudents vacco pro	who use	d flavor r both, n	ed tobac	co prod ing mer	ucts (fla	vored c garettes,	eigars, c , during	igarillos the 30 d	s, or litt days be	6.3 le cigar fore the	4.2			

^{*}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 Middle School Survey Worcester County Trend Analysis Report

White*

				H	Iealth F	Risk Beh	navior a	nd Per	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN66: 1	Percenta	age of s	tudents	who live	with so	omeone	who nov	w smok	es cigare	ettes or	cigars 44.7	43.4	40.2	31.6	Decreased, 2013-2018	Not available [¶]	Decreased
QN67:									le their l	home is	that sm	oking is	s not all	owed			
									de their	home is	that sm	oking is	s not all	owed 82.0	No linear change	Not available	No change
	re inside	e their h	tudents	who wer	ng deck	s, garage	es, or po	orches)					75.8	82.0	No linear change	Not available	No change
anywhei	re inside	e their h	tudents	who wer	ng deck	s, garage	es, or po	orches)					75.8	82.0	No linear change No linear change	Not available Not available	No change
anywhei	Percenta he 7 day	age of s	tudents e the sur	who werevey)	ng deck	s, garage	oom with	n some	one who	was sn	noking (on at lea	75.8 ast one o	82.0 day 27.0			

^{*}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.

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White*

				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	-		
QN70: survey)	Percenta	age of st	tudents	who cur	rently u	sed mari	ijuana (d	one or m	nore tim	es durin	ig the 30) days b	efore th	e			
											8.9	6.7	4.2	8.8	No linear change	Not available [¶]	Increased
	Percenta before the			who wer	e offere	ed, sold,	or give	n an ille	gal drug	on sch	ool prop	perty (di	iring the	e 12			
				who wer	e offere	ed, sold,	or given	n an ille	gal drug	on sch	ool prop	perty (di	uring the	e 12 8.6	No linear change	Not available	Increased
QN72:		he surve	tudents	who saw	a denti			,			7.9	8.2	2.7	8.6	No linear change	Not available	Increased
QN72:	before the	he surve	tudents	who saw	a denti			,			7.9	8.2	2.7	8.6	No linear change No linear change	Not available Not available	Increased No change
QN72: during t	Percenta he 12 me	age of si	tudents verore the	who saw	a denti	st (for a	check-u	ıp, exan	n, teeth	cleaning	7.9 g, or oth	8.2	2.7 ll work, 76.2	82.0			

^{*}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 Middle 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

QN74: Percentage of students who participate in extracurricular activities at school (such as sports, band, drama, clubs, or student government)

65.5 67.0 71.7 59.2 No linear change Not available ¶

Decreased

QN77: Percentage of students who say definitely yes or probably yes that young people who smoke have more friends

24.3 21.0 23.1 35.9 Increased, 2013-2018

Not available

Increased

QN78: Percentage of students who say definitely yes or probably yes that smoking makes young people look cool or fit in

10.3 14.6 9.9 24.5 Increased, 2013-2018

Not available

Increased

QN79: Percentage of students who somewhat or strongly disapprove of someone their age having one or two drinks of an alcoholic beverage nearly every day

81.6 78.4 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.

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

Not enough years of data to calculate.

Maryland Middle 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 QN80: Percentage of students who responded that their parents would feel it would be wrong or very wrong for them to drink beer, wine, or hard liquor (such as vodka, whiskey, or gin) at least once or twice a month 84.6 88.1 90.4 85.2 No linear change Not available ¶ Decreased QN81: Percentage of students who think people are at moderate or great risk of harming themselves (physically or in other ways) if they have one or two drinks of alcohol (beer, wine, or liquor) nearly every day 71.6 67.8 74.3 73.4 No linear change Not available No change ON82: Percentage of students who think people are at moderate or great risk of harming themselves (physically and in other ways) if they have five or more drinks of alcohol (beer, wine, or liquor) once or twice a week

79.2 75.8 74.9 77.7

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 Middle School Survey Worcester County Trend Analysis Report

White*

				F	Iealth F	Risk Bel	navior a	nd Pero	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN83: I to them	Percenta	ige of st	tudents	who hav	e an adı	ult outsi	de of sc	hool the	y can ta	lk to ab	out thin	ngs that	are imp	ortant			
											84.4	88.1	88.3	89.8	Increased, 2013-2018	Not available¶	No change
QN84: I								king he	lp from	one or	more ad	lults bes	sides the	ir			
											82.3	83.0	82.2	81.9	No linear change	Not available	No change
				who talk		teacher	or other	adult in	their so	chool ab	out a p	ersonal	problem	they			
											27.8	29.5	28.8	31.3	No linear change	Not available	No change
N86: I lot of e			tudents	who stro	ongly ag	ree or a	gree tha	t their te	eachers	really ca	are abou	ıt them	and give	e them			
											65.0	60.1	63.0	59.5	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.

Black* Injury a	nd Viol	ence		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			
QN6: Pobicycle)		ge of stu	idents w	ho rarel	y or nev	er wore	a bicyc	le helm	et (amoi	ng stude	ents who	had rid	den a				
											91.5	82.9	82.6	87.2	No linear change	Not available¶	No change
QN8: P	ercentag	ge of stu	idents w	ho rarel	y or nev	er wore	a seat b	elt (wh	en ridinş	g in a ca							
											15.5	9.8	10.6	5.8	No linear change	Not available	No chang
QN9: P	ercentag	ge of stu	idents w	ho ever	rode wi	ith a driv	ver who	had bee	n drinki	ing alco	hol (in	a car)					
											24.7	16.2	26.5	15.7	No linear change	Not available	Decreased
QN10: 1	Percenta	age of st	tudents	who eve	r carrie	d a wear	oon (suc	h as a g	un, knif	e, or clu	ıb)						
											20.4	19.4	22.2	18.0	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.

				H	Iealth I	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>		
QN11:	Percenta	age of si	tudents	who we	re ever i	in a phys	sical figl	nt			69.7	63.1	73.9	64.8	No linear change	Not available [¶]	No change
QN14:	Percenta	age of st	udents	who eve	er seriou	ısly thou	ght abou	ıt killin	g thems	elves	17.6	14.6	21.7	26.7	Increased, 2013-2018	Not available	No change
QN15:	Percenta	age of st	udents	who eve	er made	a plan a	bout how	w they v	vould ki	ll them	selves		11.8	10.8	No linear change	Not available	No change
QN16:	Percenta	age of st	udents	who eve	er tried t	o kill the	emselve	s					5.7	7.0	No linear change	Not available	No change

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

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

Black* Tobacco	Use																
				F	Health 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	-		
QN17:	Percenta	age of st	tudents	who eve	er tried c	cigarette	smokin	g (even	one or t	wo puff	fs)		8.1	13.4	No linear change	Not available [¶]	No chang
QN18: ouffs)	Percenta	age of st	tudents	who trie	ed cigare	ette smo	king for	the first	t time bo	efore ag	e 11 ye	ars (eve	on one o	3.5	No linear change	Not available	No chang
QN19: survey)	Percenta	age of si	tudents	who cur	rently si	moked o	cigarette	s (on at	least 1 o	lay duri	ng the 3	30 days 4.6	before	the 2.8	No linear change	Not available	No chang
QNFRC days bef				ents who	o curren	ntly smo	ked ciga	rettes fi	requentl	y (on 20	0.0	re days	during t	the 30	Not available	Not available	Not availal

^{*}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 F	Risk Bel	navior a	nd Pero	centage	s					Linear Change [†]	Quadratic Change [†]	Change from
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			2016-2018 [§]
QNDAY before th			ge of st	udents v	vho curi	ently sn	noked ci	garettes	daily (on all 30) days d	uring th	ie 30 da	ys			
											0.0	1.4	0.0	0.0	Not available	Not available¶	Not availal
QN21: I	Percenta	age of st	udents	who eve	er used a	n electro	onic var	or prod	uct			11.5	10.0	20.6	Insurand 2014 2019	Nat amilakla	No shows
			,									11.5	19.8	28.6	Increased, 2014-2018	Not available	No chang
	Percenta ne surve		udents v	who cur	rently u	sed an e	lectroni	c vapor	product	(on at 1	east 1 d	ay durii	ng the 30	0 days			
												4.9	4.8	13.4	Increased, 2014-2018	Not available	Increased
			e of stud		o currer	ntly used	d electro	nic vap	or produ	icts freq	uently	(on 20 o	r more o	days			
												0.7	0.0	1.5	Not available	Not available	Not availa

^{*}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 U	Use			<u>.</u>											*	0 1 # G	CI A
				Н	lealth R	kisk 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	_		
QNDAYI he 30 day				udents v	vho curi	rently us	sed elect	tronic v	apor pro	oducts d	aily (on	all 30 c	lays du	ring			
ne 30 day	y	re the st	ui vey)									0.7	0.0	0.7	Not available	Not available¶	Not availab
							·										
QN24: Po lissolvab vapor pro	le toba	cco prod	ducts [st	uch as C	openha	gen, Gri	izzly, Sk	coal, or	Camel S					nic			
													0.0	5.5	Not available	Not available	Not availal
QN25: Po					rently si	noked c	igars (c	igars, ci	garillos	, or littl	e cigars.	on at le	east 1 d	ay			
luring the	e 30 da	ys befoi	e the su	irvey)							4.7	2.7	1.9	3.5	No linear change	Not available	No chang
											,		1.,	0.0	1 to illiear cliange	1100 41 4114010	110 011

^{*}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 Otl	ner Dru	ıg Use	F	Iealth F	Risk Bel	navior a	nd Pero	centage	s					Linear Change [†]	Quadratic Change [†]	Change from
									J						J		2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN26:]	Percenta	age of st	tudents	who eve	r drank	alcohol	(other tl	han a fe	w sips)								
											34.3	28.2	21.5	26.7	No linear change	Not available [¶]	No change
QN27: 1	Percenta	age of st	tudents	who dra	nk alcol	hol for t	he first t	ime bef	ore age	11 year	rs (other	than a f	few sips)			
											13.2	10.7	11.2	11.1	No linear change	Not available	No change
QN28: 1	Percenta	age of st	tudents	who eve	er used r	narijuan	a						-				
											12.6	9.6	8.8	16.5	No linear change	Not available	No change
QN29: 1	Percenta	age of st	tudents	who trie	d mariji	uana for	the first	time be	efore ag	e 11 yea		•	-				
											3.1	2.3	2.9	4.1	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.

lack* .lcohol	and Oth	ner Dru	g Use	Н	Iealth 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			
lifferen	Percenta tly than done, ar	how a d	octor to														
iyuroco	done, ar	id i cico	(CCL)										3.2	7.3	No linear change	Not available [¶]	No chang
QN31:	Percenta	age of st	udents	who eve	r used c	ocaine (any fori	m of coo	caine, in	cluding	powde	r, crack,	or freel	oase)			
											1.7	2.3	3.2	2.4	No linear change	Not available	No chang
	Percenta any pair					nhalants	(sniffed	d glue, b	reathed	the con	itents of	spray o	ans, or				
		·	•								6.5	4.3	6.7	5.4	No linear change	Not available	No chang
QN33:	Percenta	age of st	udents	who eve	r took s	teroids v	vithout	a doctor	r's presc	ription (pills or	shots)					
											0.6	1.8	0.0	3.8	Not available	Not available	Not availa

^{*}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	isk 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			
ON34: 1	Percenta	ige of st	udents v	vho eve	r had se	vual inte	racura					•					
				,,,,,	i iluu se.	Audi III	ercourse					19.1	8.4	15.7	No linear change	Not available¶	No change
	Percenta								time be	fore age	e 11 yea		8.4	15.7	No linear change	Not available¶	No change
									time be	fore age	e 11 yea		1.1	2.8	No linear change	Not available 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.

Weight I	vianage	ment a	nu Dieu	-		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			
QN38: 1	Percenta	age of st	udents	who des	cribed t	hemselv	ves as sli	ghtly or	very ov	erweig	tht 27.9	23.4	16.6	23.0	No linear change	Not available¶	No change
QN39: 1	Percenta	age of st	udents	who wer	re trying	g to lose	weight				47.7	50.2	43.0	52.4	No linear change	Not available	No change
QN40: 1	Percenta	age of st	udents	who did	not eat	breakfa	st (durin	g the 7	days be	fore the	survey)	•	•			
											8.4	10.6	16.8	8.2	No linear change	Not available	No change
QNBK7	DAY: I	Percenta	ige of st	udents v	who ate	breakfa	st on all	7 days	(during	the 7 da	ays befo	ore the si	ırvey)				
											44.3	49.2	43.1	47.2	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.

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

Physical	l Activit	y		H	lealth 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			
kind of	Percenta physical fore the	activity															
-		- "									44.7	45.1	48.0	41.5	No linear change	Not available [¶]	No change
	DAY: I	nd of ph	ysical a	ctivity tl													:
during t	he 7 day										14.6	22.7	24.4	18.5	No linear change	Not available	No chang
QNPA7	DAY: I physical fore the	Percenta activity	ge of stu	udents w							per day	on all 7	days (ii	n any	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.

Black* Physical Activity		Health R	₹isk Beh	navior a	nd Pero	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991 1993 1995 1	997 1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN42: Percentage of stud	ents who w	atched te	levision	3 or mo	re hours	s per da	y (on ar	n averag	e schoo	ol day)	•			
								64.1	48.5	47.7	44.5	Decreased, 2013-2018	Not available¶	No change
QN43: Percentage of stud (counting time spent on th smartphone, computer, Xb average school day)	ings such as	s playing	games, v	watching	g videos	, texting	g, or usi	ing soci	al medi	a on the	ir	Increased, 2013-2018	Not available	No chang
QN44: Percentage of stud week when they were in so		tended pl	nysical e	ducation	n (PE) c	lasses o	n 1 or n	nore da	ys (in aı	n averag	ge			

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

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

,	Activity	J		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	3		
					o attend	ded phys	sical edu	cation (PE) cla	sses on	all 5 day	s (in a	n averag	ge	;		
veek wr	ien they	were in	school))													
											13.1	9.5	13.9	30.2	Increased, 2013-2018	Not available¶	Increase
											13.1	9.5	13.9	30.2	Increased, 2013-2018	Not available [¶]	Increase
						at least o			(countin	ng any te					Increased, 2013-2018	Not available¶	Increase
									(countin	ig any te					Increased, 2013-2018 No linear change	Not available¶ Not available	Increase No chan
ommun	ity grou	ips, duri	ng the p	ast 12 n	nonths t	before th	ne surve	y)			eams rui	1 by the	eir schoo 57.1	ol or 60.4			
ommur (N46:]	ity grou	ips, duri	ng the p	ast 12 n	a conci		ne surve	y)			eams rui	1 by the	eir schoo 57.1	ol or 60.4			

^{*}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.

Black* Other																	
				H	Health 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	5 2018	-		
QN47: 1	Percenta	age of s	tudents	who had	l ever be	en told	by a doc	ctor or n	urse tha	at they h	ad asth	ma					
											29.6	36.3	33.0	34.1	No linear change	Not available¶	No change
QN48: 1	Percenta	age of s	tudents	who got	8 or mo	ore hour	s of slee	p (on ar	n averag	e schoo	l night)				,		·
											50.3	52.1	55.1	46.3	No linear change	Not available	No change
QN49: 1 before th			tudents	who des	scribed t	heir grad	des in sc	hool as	mostly	A's or E	B's (duri	ng the	12 mont	ths			
												75.4	83.8	72.0	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 Middle School Survey Worcester County Trend Analysis Report

Dlook*

				H	ealth R	isk 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		
QN52:	Percenta	age of s	tudents v	who hav	e ever ri	dden in	a car dı	iven by	someo	ne who	was tex	ting wh	ile they	were			
												52.6	60.1	52.9	No linear change	Not available¶	No change
	Percenta doing so														No linear change	Not available	No change
stopped		ome usu	al activ	ties, eve	er during	g the 12	months	before	the surv	vey)	22.0	21.0	that the	y 21.0	No linear change	Not available	No change
stopped	doing so	ome usu	al activ	ties, eve	er during	g the 12	months	before	the surv	vey)	22.0	21.0			No linear change Decreased, 2013-2018	Not available Not available	
QN55:	doing so	age of s	tudents v	ties, eve	er during	y the 12	garette b	before	ge 11 ye	ears (for	22.0 the firs 6.3	21.0 t time) 6.2	23.6	21.0			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 Middle School Survey Worcester County Trend Analysis Report

Black* Site-Added

Site-Ad	ded			H	lealth R	Risk Bel	navior a	nd Pero	entages	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 d smokel																
											2.8	2.8	1.5	0.9	No linear change	Not available [¶]	No change
QN64: the surv	Percenta rey)	age of st	tudents	who trie	d or use	d tobaco	co produ	icts for t	he first	time (dı	aring the	e 12 mo	onths be	fore			-
												3.0	2.4	3.4	No linear change	Not available	No change
QN66:	Percenta	age of st	tudents	who live	with so	omeone	who nov	v smoke	es cigare	ettes or	cigars		•				
											41.7	38.4	40.4	41.2	No linear change	Not available	No change
	Percenta re inside								e their l	nome is	that sm	oking is	not all	owed			
													77.6	75.1	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.

				H	Iealth R	isk 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			
	Percenta he 7 day				e in the	same ro	om with	n some	one who	was sm	oking (on at le	ast one	day			
													13.5	20.4	No linear change	Not available¶	No chang
	Percenta ays befo			who cur	rently di	rank alco	ohol (at	least on	ne drink	of alcoh			-	-			,
				who cur	rently di	rank alco	ohol (at	least on	ne drink	of alcoh		at least	1 day dı 7.8	9.7	No linear change	Not available	No chang
ne 30 d		ore the s	urvey)								13.8	11.2	7.8	9.7	No linear change	Not available	No chang
ne 30 d	ays befo	ore the s	urvey)								13.8	11.2	7.8	9.7	No linear change No linear change	Not available Not available	No chang No chang
N70: Unvey)	ays befo	age of si	urvey)	who cur	rently us	sed mari	juana (c	one or m	nore tim	es durin	13.8 13.8 13.8 10.8	11.2 O days t 5.6	7.8 pefore th	9.7 ne 13.0			

^{*}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.

Black* Site-Added			H	lealth R	lisk Beh	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	3		
QN72: Percent during the 12 m					st (for a	check-ı	ıp, exan	n, teeth	cleaning	g, or otl	her dent	al work	,			
												48.7	59.4	No linear change	Not available¶	No change
QN73: Percent school year)	age of st	udents v	vho wer	e taugh	t in their	r classes	about t	he dang	gers of to	obacco	use (du	ring the	last			
										81.8	77.8	53.6	62.4	Decreased, 2013-2018	Not available	No change
QN74: Percent clubs, or studen			vho part	ticipate	in extra	curricula	ar activi	ties at s	chool (s	such as	sports,	band, dr	ama,			,
										72.3	76.3	82.4	66.7	No linear change	Not available	Decreased
QN77: Percent friends	age of st	udents v	vho say	definite	ly yes o	or probal	bly yes	that you	ing peop	ole who	smoke	have m	ore			
										41.1	36.4	37.6	48.4	No linear change	Not available	No change

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

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

Maryland Middle 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 QN78: Percentage of students who say definitely yes or probably yes that smoking makes young people look cool or fit in No linear change Not available ¶ No change 23.2 23.3 25.0 24.2

75.5 69.3

QN80: Percentage of students who responded that their parents would feel it would be wrong or very wrong for them to drink beer, wine, or hard liquor (such as vodka, whiskey, or gin) at least once or twice a month

QN79: Percentage of students who somewhat or strongly disapprove of someone their age having one or two

85.6 86.3 88.5 82.8 No linear change Not available No change

Not available

No linear change

Black*

drinks of an alcoholic beverage nearly every day

No change

^{*}Non-Hispanic.

 $^{^{\}dagger}$ 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 Middle 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 QN81: Percentage of students who think people are at moderate or great risk of harming themselves (physically or in other ways) if they have one or two drinks of alcohol (beer, wine, or liquor) nearly every day 63.1 59.3 63.3 63.0 No linear change Not available ¶ No change ON82: Percentage of students who think people are at moderate or great risk of harming themselves (physically and in other ways) if they have five or more drinks of alcohol (beer, wine, or liquor) once or twice a week 67.0 58.6 71.3 63.3 No linear change Not available No change QN83: Percentage of students who have an adult outside of school they can talk to about things that are important to them No linear change Not available No change 83.9 89.8 86.9 84.9 QN84: 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

82.5 86.4

85.0 88.3

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.

Black* Site-Add	led			I	Health F	Risk Bel	navior a	ınd Pere	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		
ON85:	Percenta	age of st	tudante i		1.	. 1	.1	1 1. 1					•	•	-		
						teacher	or other	adult ir	their so	chool at	out a p	ersonal	problen	n they			
had (dur						teacher	or other	adult in	their so	chool at	31.1	ersonal 34.8	-	-	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.