Maryland Middle School Survey

**Carroll County** 

**Trend Analysis Report** 

#### Total Injury and Violence

				H	ealth Ri	isk Beh	avior ar	nd Perco	entages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	<b>Change from</b> <b>2016-2018</b> <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN6: P bicycle)		ge of stu	idents w	ho rarel	y or nev	ver wore	a bicyc	le helme	et (amoi	ng stude	ents who	o had rie	lden a				
											48.0	41.1	46.4	46.1	No linear change	Not available <sup>§</sup>	No change
QN7: P students		-			2		a helme	et when	rollerbl	ading o	r skateb	oarding	(among	g			
											64.2	58.1	59.7	57.2	No linear change	Not available	No change
QN8: P	ercentag	ge of stu	dents w	ho rarel	y or nev	ver wore	a seat b	elt (whe	en riding	g in a ca	ur)	· · ·			· · · · · ·		
											4.3	4.1	3.3	2.7	Decreased, 2013-2018	Not available	No change

Maryland Middle School Survey

**Carroll County** 

**Trend Analysis Report** 

Total Injury an	d Viole	ence		н	ealth R	isk Beh	avior ar	nd Perco	entages						Linear Change <sup>*</sup>	Quadratic Change*	Change from 2016-2018 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
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)	·	·			
											21.1	17.4	21.4	19.0	No linear change	Not available <sup>§</sup>	No change
QN10: 1	Percenta	age of s	tudents	who eve	er carrie	d a wear	oon (suc	h as a g	ın, knif	e, or clu							
											37.3	35.6	41.8	30.8	No linear change	Not available	Decreased
QN11: 1	Percenta	age of s	tudents	who we	re ever i	n a phys	sical fig	nt			42.0	36.7	41.5	33.9	Decreased, 2013-2018	Not available	Decreased
											42.0	30.7	41.5	55.9	Decreased, 2013-2018	Not available	Decreased
QN14: 1	Percenta	age of s	tudents	who eve	er seriou	sly thou	ght abo	ut killing	g thems	elves	15.2	13.6	16.9	17.8	Increased 2012 2018	Not available	No shanga
											13.2	15.0	10.9	17.0	Increased, 2013-2018	Not available	No change
QN15: 1	Percenta	age of s	tudents	who eve	er made	a plan a	bout ho	w they v	vould ki	ll them	selves		10.1	117	Na linaan ahan sa	Net and lehle	Na shansa
													10.1	11.7	No linear change	Not available	No change

Maryland Middle School Survey

**Carroll County** 

Total	
Injury and Violence	

			Health Risk Behavior and Percentages											Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2016-2018 <sup>†</sup>	
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN16:	Percenta	age of st	tudents	who eve	er tried to	o kill the	emselve	s					4.7	6.2	No linear change	Not available <sup>§</sup>	No change

Maryland Middle School Survey

Carroll County

**Trend Analysis Report** 

Total Tobacco	Use																
				H	ealth R	isk Beh	avior ai	nd Perc	entages	5					Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2016-2018 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	8		
QN17:	Percent	age of s	tudents	who eve	er tried c	cigarette	smokin	g (even	one or 1	two puff	fs)		4.5	4.4	No linear change	Not available <sup>§</sup>	No change
QN18: puffs)	Percent	age of s	tudents	who trie	d cigare	ette smol	king for	the firs	t time b	efore ag	e 11 ye	ars (eve	n one on 1.6	r two 1.6	No linear change	Not available	No change
QN19: survey)		age of s	tudents	who cur	rently s	moked c	cigarette	s (on at	least 1	day duri	ng the 3	30 days 1.3	before t	he 0.5	Decreased, 2013-2018	Not available	No change
QNFRC days be				ents who	o curren	ntly smo	ked ciga	arettes fi	requentl	y (on 20	) or mor 0.6	re days	during t 0.0	he 30 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.

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

Maryland Middle School Survey

Carroll County

Total	
Tobacco	Use

				Н	ealth Ri	isk Beh	avior ar	nd Perce	entages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	<b>Change from 2016-2018</b> <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QNDAY before th			age of st	tudents v	who curr	rently sn	noked ci	garettes	daily (	on all 30	) days d	uring th	ne 30 da	ys			
											0.5	0.4	0.0	0.0	Not available	Not available <sup>§</sup>	Not available
QN21: ]	Percent	age of s	tudents	who eve	er used a	an electro	onic vap	oor prod	uct			9.4	13.0	17.5	Increased, 2014-2018	Not available	No change
QN22: defore the			tudents	who cur	rently u	sed an e	lectroni	c vapor	product	(on at l	east 1 d	ay durii	ng the 3	0 days			
		.,										3.8	2.9	6.6	Increased, 2014-2018	Not available	Increased
QNFRE during th					no currer	ntly used	l electro	onic vapo	or produ	icts freq	uently (	(on 20 c	or more	days			
												0.7	0.6	0.8	No linear change	Not available	No change

Maryland Middle School Survey

Carroll County

**Trend Analysis Report** 

Total	
Tobacco	Use

				H	ealth Ri	sk Beha	avior ar	d Perc	entages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2016-2018 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QNDAY the 30 da				udents v	who curi	rently us	sed elect	ronic va	apor pro	ducts d	aily (on	all 30 d	lays du	ing			
												0.5	0.5	0.4	No linear change	Not available <sup>§</sup>	No change
QN24: 1	Percenta	age of st	udents	who cur	rently us	sed smo	keless to	obacco (	(chewin	g tobaco	co, snuf	f, dip, s	nus, or				
dissolva	ble toba	cco pro	ducts [s	uch as C	Copenha	gen, Gri	zzly, Sk	oal, or	Camel S					nic			
QN24: 1 dissolval vapor pr	ble toba	cco pro	ducts [s	uch as C	Copenha	gen, Gri	zzly, Sk	oal, or	Camel S					nic 1.8	No linear change	Not available	No change
dissolva	ble toba oducts,	age of st	ducts [s ast 1 day	uch as C y during who cur	Copenha the 30 o	gen, Gri days bef	zzly, Sk	survey)	Camel S	5nus], no	ot count	ing any	electro	1.8	No linear change	Not available	No change

Maryland Middle School Survey

Carroll County

**Trend Analysis Report** 

				He	ealth Ri	isk Beha	avior an	nd Perce	entages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN26:	Percenta	age of st	tudents v	who eve	r drank	alcohol	(other th	han a fe	w sips)	:	:		:	:			
											17.0	12.1	18.0	16.7	No linear change	Not available <sup>§</sup>	No change
QN27:	Percenta	age of st	tudents v	who drai	nk alcoł	nol for th	ne first t	ime bef	ore age	11 year	s (other	than a f	ew sips	)			
QN27:	Percenta	age of s	tudents v	who drai	nk alcoł	nol for th	ne first t	ime bef	ore age	11 year	rs (other 8.2	than a f	few sips	) 8.7	No linear change	Not available	No change
-								ime bef	ore age	11 year			-		No linear change	Not available	No change
-								ime bef	ore age	11 year			-		No linear change No linear change	Not available Not available	No change Increased
QN27: QN28: QN29:	Percenta	age of st	tudents	who eve	r used n	narijuan	a				8.2 4.7	6.2	10.8	8.7			

 $^*$ 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.

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

Maryland Middle School Survey

**Carroll County** 

**Trend Analysis Report** 

#### Total Alcohol and Other Drug Use

				H	ealth Ri	sk Beha	wior an	d Perce	entages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2016-2018 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QN30: 1 different	ly than	how a d	loctor to														
hydroco	done, ar	ia Perco	cet)										3.0	5.2	Increased, 2016-2018	Not available <sup>§</sup>	Increased
QN31: 1	Percenta	age of st	udents	who eve	r used c	ocaine (	any form	n of coc	aine, in	cluding	powder	r, crack,	or freel	oase)			
											2.0	2.9	1.1	1.2	No linear change	Not available	No change
QN32: 1 inhaled a						nhalants	(sniffed	l glue, b	reathed	the con	tents of	spray c	ans, or				
											6.9	4.6	6.0	4.0	No linear change	Not available	No change
QN33: 1	Percenta	age of st	tudents	who eve	r took s	teroids v	vithout a	a doctor	's presci	ription (	pills or	shots)		·······			
											1.3	1.8	1.3	1.1	No linear change	Not available	No change

Maryland Middle School Survey

**Carroll County** 

**Trend Analysis Report** 

Total
<b>Sexual Behaviors</b>

				н	ealth Ri	isk Beh	avior ar	d Perc	entages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2016-2018 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN34:	Percenta	age of st	tudents	who eve	er had se	xual int	ercourse	;				2.6	3.5	3.4	No linear change	Not available <sup>§</sup>	No change
QN35:	Percenta	age of st	tudents	who had	l sexual	intercou	urse for t	he first	time be	fore age	e 11 yea	rs 1.2	1.4	1.4	No linear change	Not available	No change
QN36:	Percenta	age of st	tudents	who eve	er had se	xual int	ercourse	with th	ree or n	nore per	sons	1.2	1.0	1.0	No linear change	Not available	No change

Maryland Middle School Survey

**Carroll County** 

**Trend Analysis Report** 

				H	ealth Ri	isk Beh	Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2016-2018								
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN38:	Percenta	ge of st	udents v	who des	cribed t	hemselv	ves as sli	ghtly or	very ov	verweig	,ht		1				
											22.4	21.1	24.6	25.0	No linear change	Not available <sup>§</sup>	No change
QN39:	Percenta	ge of st	udents v	who wei	re trying	to lose	weight	1									
											35.8	35.5	37.3	40.1	No linear change	Not available	No change
QN40:	Percenta	ge of st	udents v	who did	not eat	breakfa	st (durin	g the 7	days be	fore the	survey)	)					
											6.2	7.4	10.2	9.5	Increased, 2013-2018	Not available	No change
QNBK7	DAY: H	Percenta	ige of st	udents v	who ate	breakfa	st on all	7 days (	(during	the 7 da	ays befo	ore the s	urvey)				
											58.9	61.8	55.8	52.4	Decreased, 2013-2018	Not available	No change

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Total	
Physical Activity	

			He	ealth Ri	sk Beha	avior an	d Perco	entages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2016-2018 <sup>†</sup>
1991 1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2010	5 2018	3		
QN41: Percenta kind of physical days before the s	activity															
										67.3	67.5	63.2	58.7	Decreased, 2013-2018	Not available <sup>§</sup>	No change
QNPA0DAY: P 1 day (in any kin during the 7 days	nd of ph	ysical a	ctivity tl													
										4.8	5.1	7.2	6.7	No linear change	Not available	No change
QNPA7DAY: P kind of physical days before the s	activity															
										36.8	42.8	36.8	33.2	Decreased, 2013-2018	Not available	No change

Maryland Middle School Survey

Carroll County

**Trend Analysis Report** 

				He	ealth Ri	sk Beh	avior ar		Linear Change <sup>*</sup>	Quadratic Change*	Change from 2016-2018 <sup>†</sup>						
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN42:	Percenta	age of st	udents v	who wat	ched tel	evision	3 or mo	re hours	s per da	y (on an	n averag	e schoo	l day)				
											27.8	22.9	24.4	21.1	Decreased, 2013-2018	Not available <sup>§</sup>	No change
(countir smartph	Percenta ng time s one, cor school o	pent on nputer, 2	things s	such as p	olaying	games,	watchin	g videos	s, texting	g, or usi	ter 3 or	more head	ours per a on the	day r	Decreased, 2013-2018 Increased, 2013-2018	Not available <sup>§</sup>	No change
(countir smartph average	ng time s one, cor	apent on nputer, 1 lay)	things s Xbox, P	such as p layStati	blaying on, iPad	games, <sup>,</sup> l, or oth	watching er tablet	g videos , for sor	s, texting nething	g, or usi that wa	ter 3 or ing soci is not sc 34.4	more ho al media shool wo 30.0	ours per a on the ork, on a 38.9	day r n 42.4			

Maryland Middle School Survey

Carroll County

Total	
<b>Physical Activity</b>	

				Н	ealth R	isk Beh	avior ar	nd Perc	entages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	<b>Change from 2016-2018</b> <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QNDLY week wi			_	idents wl ol)	ho attend	led phys	sical edu	cation (	(PE) cla	sses on	all 5 da	ys (in ar	n averag	ge			
											17.1	14.4	9.3	9.7	Decreased, 2013-2018	Not available <sup>§</sup>	No change
QN45: commu									(countir	ng any to	eams ru	n by the	ir schoo	ol or			
												76.2	69.9	66.2	Decreased, 2014-2018	Not available	No change
				who had		ussion fi	rom play	ving a sj	port or b	eing ph	iysically	active	(one or	more			
													14.2	15.7	No linear change	Not available	No change

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**Trend Analysis Report** 

Total Other				н	ealth R	isk Beh	avior aı	nd Perc	entages	:					Linear Change <sup>*</sup>	Quadratic Change*	Change from 2016-2018 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN47:	Percent	age of st	tudents	who hac	l ever be	een told	by a do	ctor or r	urse tha	at they ł	nad asth	ma					
											18.5	17.6	18.9	16.0	No linear change	Not available <sup>§</sup>	No change
QN48:	Percent	age of st	tudents	who got	8 or mo	ore hour	s of slee	p (on a	n averag	ge schoo	ol night)	<u> </u>					
											64.3	66.3	59.3	62.9	No linear change	Not available	No change
QN49: before the			tudents	who des	cribed t	heir gra	des in so	chool as	mostly	A's or I	B's (duri	ng the 1	2 mont	hs			
												91.5	86.5	86.3	Decreased, 2014-2018	Not available	No change

Maryland Middle School Survey

**Carroll County** 

**Trend Analysis Report** 

Total
Site-Added

				Н	ealth Ri	isk Beha	avior ar	Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2016-2018 <sup>†</sup>							
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN52: driving		age of s	tudents	who hav	ve ever r	idden in	a car di	riven by	someo	ne who	was tex	ting wh	ile they	were			
U												56.1	68.2	55.1	No linear change	Not available <sup>§</sup>	Decreased
	Percenta	age of s	tudents	who felt	sad or l	hopeless	(almos	t everv o	day for	>=2 wee	eks in a	row so	that the	v			
stoppec	doing s					g the 12					21.6	18.6	23.4	23.4	Increased, 2013-2018	Not available	No change
		ome us	ual activ	vities, ev	er durin		months	before	the surv	vey)	21.6	18.6		-	Increased, 2013-2018	Not available	No change
		ome us	ual activ	vities, ev	er durin	g the 12	months	before	the surv	vey)	21.6	18.6		-	Increased, 2013-2018 Decreased, 2013-2018	Not available Not available	No change No change
QN55: QN62:	Percenta	age of s	tudents	who sm	er durin oked a v	g the 12	months	before before a	the surv ge 11 ye	vey) ears (for	21.6 the firs 1.8	18.6 t time) 1.6	0.9	23.4 0.6	· · · · · · · · · · · · · · · · · · ·		

Maryland Middle School Survey

Carroll County

**Trend Analysis Report** 

Total Site-Added Health Risk Behavior and Percentages Linear Change\* Quadratic Change\* **Change from** 2016-2018 \* 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QN63: Percentage of students who used flavored tobacco products (flavored cigars, cigarillos, or little cigars, flavored smokeless tobacco products, or both, not counting menthol cigarettes, during the 30 days before the survey) 1.7 1.3 1.1 0.5 Decreased, 2013-2018 Not available§ No change QN64: Percentage of students who tried or used tobacco products for the first time (during the 12 months before the survey) 1.8 2.11.3 No linear change Not available No change QN66: Percentage of students who live with someone who now smokes cigarettes or cigars 35.4 30.6 33.8 29.6 No linear change Not available No change QN67: Percentage of students who report the rule about smoking inside their home is that smoking is not allowed anywhere inside their home (not counting decks, garages, or porches) 84.4 84.4 No linear change Not available No change

Maryland Middle School Survey

Carroll County

**Trend Analysis Report** 

Total
Site-Added

itt-Auu				H	lealth R	isk Beh	avior ar	nd Perce	entages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	<b>Change from</b> <b>2016-2018</b> <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN68: during t					ere in the	e same ro	om wit	h someo	one who	was sm	oking (	on at le	ast one o	lay			
C				•									17.6	17.2	No linear change	Not available <sup>§</sup>	No change
QN69:				who cu	rrently d	rank alc	ohol (at	least on	e drink	of alcol	nol, on a	at least	l day du	ring			,
the 30 d	ays bef	ore the	survey)								7.2	4.7	5.3	6.9	No linear change	Not available	No change
QN70:	Percent	age of	students	who cu	rrently u	sed mar	iiuana (a	one or m	ore tim	es durin	g the 3(	) davs h	efore th	e			
survey)	I ciccin	age of	students	who cu	irentiy u	seu mar	ijuana ((			es durm	ig the st	Juayst	ciore th	C			
											3.9	2.9	2.4	3.1	No linear change	Not available	No change
QN71: months				who we	ere offere	ed, sold,	or giver	n an ille	gal drug	g on sch	ool prop	perty (di	uring the	e 12			
			.,								4.1	3.7	2.6	4.3	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.

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

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Total
Site-Added

iit-Auu				Н	ealth Ri	sk Beha	avior ar	nd Perce	entages						Linear Change <sup>*</sup>	Quadratic Change*	<b>Change from</b> 2016-2018 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
				who sav e survey		st (for a	check-1	ıp, exan	ı, teeth	cleaning	g, or oth	ner dent	al work	,			
													74.5	76.8	No linear change	Not available <sup>§</sup>	No change
		age of s	tudents	who we	re taugh	t in their	classes	about t	he dang	gers of to	bacco	use (dui	ring the	last	· · · · · · · · · · · · · · · · · · ·		
school y	vear)										94.5	92.7	88.1	87.9	Decreased, 2013-2018	Not available	No change
ON74:	Percent	age of s	tudents	who par	ticipate	in extra	curricula	ar activi	ties at s	chool (s	uch as	sports, l	band, dr	ama.	,,		
clubs, or				, no pui	inorpairo					•	uon uo .	sports, (	, uno, un	,			
											72.2	70.7	66.9	69.4	No linear change	Not available	No change
QN77: friends	Percent	age of s	tudents	who say	definite	ely yes o	r proba	bly yes t	hat you	ing peop	le who	smoke	have m	ore	,,		
											11.9	13.7	11.7	19.9	Increased, 2013-2018	Not available	Increased

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Total
Site-Added

				Н	ealth R	isk Beha	avior ar	d Perc	entages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	<b>Change from</b> <b>2016-2018</b> <sup>†</sup>
1991 19	993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN78: Pero	rcenta	ge of s	tudents	who say	v definite	ely yes c	or probal	oly yes	that smo	oking m	akes yo	ung pec	ple lool	k cool			
											7.7	9.4	6.9	14.2	Increased, 2013-2018	Not available <sup>§</sup>	Increased
QN79: Perod							gly disap	oprove o	of some	one thei	r age ha	wing on	e or two	C			
			C	2	2								85.8	86.0	No linear change	Not available	No change
QN80: Per them to drir														for			
											88.8	88.6	87.2	89.9	No linear change	Not available	No change

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**Trend Analysis Report** 

Fotal Site-Added			He	alth Ri	sk Beha	vior an	nd Perco	entages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2016-2018 <sup>†</sup>
1991 1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2010	5 2018			
QN81: Percenta in other ways) it												(physic	ally or			
										73.4	74.1	81.3	73.8	No linear change	Not available <sup>§</sup>	Decreased
QN82: Percenta and in other way													ally			
										84.7	81.7	84.8	79.9	No linear change	Not available	Decreased
QN83: Percentato them	age of st	udents v	vho hav	e an adu	lt outsic	le of scl	nool the	y can ta	lk to ab	out thi	ngs that	are imp	ortant			
										92.3	91.2	90.2	91.2	No linear change	Not available	No change
											1 1. 1		·			
QN84: Percenta parents if they h							king he	lp from	one or	more a	iults be	sides th	eır			

Maryland Middle School Survey

Carroll County

**Trend Analysis Report** 

Total Site-Added

				H	ealth Ri	isk Beh	avior ar	nd Perce	entages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2016-2018 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN85: had (du		0				teacher	or other	adult in	their so	chool ab	oout a pe 31.7	ersonal 30.6	problem 34.0	they 34.9	Increased, 2013-2018	Not available <sup>§</sup>	No change
QN86: a lot of		0	udents v	who stro	ongly ag	ree or a	gree tha	t their te	eachers	really ca	are abou 62.8	t them 64.8	and give 60.9	e them 63.6	No linear change	Not available	No change

Maryland Middle School Survey

**Carroll County** 

Male		
Injury	and	Violence

QN7: Percentage of students who rarely or never wore a helmet when rollerblading or skateboarding (among students who used rollerblades or rode a skateboard)       61.3       54.7       58.4       51.8       No linear change       Not available       Integration of the students who rarely or never wore a seat belt (when riding in a car)	
bicycle) 51.6 43.4 50.0 50.3 No linear change Not available <sup>§</sup> I QN7: Percentage of students who rarely or never wore a helmet when rollerblading or skateboarding (among students who used rollerblades or rode a skateboard) 61.3 54.7 58.4 51.8 No linear change Not available I QN8: Percentage of students who rarely or never wore a seat belt (when riding in a car)	
51.6       43.4       50.0       50.3       No linear change       Not available <sup>§</sup> I         QN7: Percentage of students who rarely or never wore a helmet when rollerblading or skateboarding (among students who used rollerblades or rode a skateboard)       61.3       54.7       58.4       51.8       No linear change       Not available       I         QN8: Percentage of students who rarely or never wore a seat belt (when riding in a car)       VIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	
students who used rollerblades or rode a skateboard) 61.3 54.7 58.4 51.8 No linear change Not available I QN8: Percentage of students who rarely or never wore a seat belt (when riding in a car)	No change
QN8: Percentage of students who rarely or never wore a seat belt (when riding in a car)	
	No change
5.2 4.0 3.6 3.5 No linear change Not available	
QN9: Percentage of students who ever rode with a driver who had been drinking alcohol (in a car)	No change
20.316.820.319.1No linear changeNot availableI	No change

Maryland Middle School Survey

**Carroll County** 

**Trend Analysis Report** 

				H	ealth R	isk Beh	avior ar	d Perco	entages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2016-2018 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN10: 1	Percent	age of s	tudents	who eve	er carrie	d a wear	oon (suc	h as a gi	un, knife	e, or clu		10.0		44.5		N	<b>D</b>
											53.1	48.8	56.4	44.7	No linear change	Not available <sup>§</sup>	Decreased
QN11: 1	Percent	age of s	tudents	who we	re ever i	n a phys	sical figl	nt			56.6	49.2	53.8	46.8	Decreased, 2013-2018	Not available	Decreased
QN14: 1	Percent	age of s	tudents	who eve	er seriou	sly thou	ght abou	ıt killinş	g themse	elves	11.2	10.8	13.8	14.4	Increased, 2013-2018	Not available	No change
QN15: 1	Percent	age of s	tudents	who eve	er made	a plan a	bout hov	w they v	vould ki	ll thems	selves						
													7.2	9.1	No linear change	Not available	No change

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

Male

Maryland Middle School Survey

**Carroll County** 

**Trend Analysis Report** 

/Iale Tobacco	Use			H	ealth R	isk Beh	avior aı	nd Perc	entages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2016-2018 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	8		
QN17:	Percenta	age of si	tudents	who eve	er tried c	igarette	smokin	g (even	one or t	two puf	fs)		5.1	5.1	No linear change	Not available <sup>§</sup>	No change
QN18: puffs)	Percenta	age of st	tudents	who trie	d cigare	ette smo	king for	the firs	t time b	efore ag	e 11 ye	ars (eve	en one o	r two 2.3	No linear change	Not available	No change
QN19: survey)	Percenta	age of st	tudents	who cur	rently s	moked c	eigarette	s (on at	least 1 o	day duri	ng the 3	30 days 1.4	before t	the 0.6	Decreased, 2013-2018	Not available	No change
QNFRC days bet				ents who	o curren	tly smo	ked ciga	arettes fi	requentl	y (on 20	) or mo 0.7	re days	during t 0.0	he 30 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.

Maryland Middle School Survey

Carroll County

**Trend Analysis Report** 

Male	
Tobacco	Use

obacco U				Н	lealth R	isk Beh	avior ar	nd Perce	entages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	<b>Change from 2016-2018</b> <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QNDAY before the			age of s	tudents	who curi	ently sn	noked ci	igarettes	daily (	on all 30	) days d	luring tl	ne 30 da	iys			
											0.7	0.5	0.0	0.0	Not available	Not available <sup>§</sup>	Not available
QN21: P	Percent	age of s	students	who ev	er used a	in electro	onic var	oor prod	uct			10.5	13.5	19.2	Increased, 2014-2018	Not available	Increased
QN22: P before the			students	who cu	rrently u	sed an e	lectroni	c vapor	product	(on at l	east 1 d	ay duri	ng the 3	0 days			
												4.8	2.0	6.7	No linear change	Not available	Increased
QNFREV during the					ho currei	ntly used	l electro	onic vapo	or produ	icts freq	uently (	(on 20 c	r more	days			
												0.9	0.9	0.8	No linear change	Not available	No change

Maryland Middle School Survey

**Carroll County** 

**Trend Analysis Report** 

Male	
Tobacco	Use

Health Risk Behavior and Percentages											Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2016-2018 <sup>†</sup>			
1991 1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QNDAYEVP: the 30 days befo			udents v	who curi	rently us	sed elect	tronic v	apor pro	oducts d	aily (on	all 30 o	lays du	ring			
											0.9	0.7	0.5	No linear change	Not available <sup>§</sup>	No change
dissolvable toba	acco pro	ducts [s	uch as C	openha	gen, Gri	zzly, Sk	coal, or	Camel S	0	,	· •	,	nic			
QN24: Percent dissolvable toba vapor products,	acco pro	ducts [s	uch as C	openha	gen, Gri	zzly, Sk	coal, or	Camel S	0	,	· •	,	nic 2.2	No linear change	Not available	No change
dissolvable toba vapor products,	acco proo	ducts [s ast 1 day	uch as C y during	Copenha the 30	gen, Gri days bef	zzly, Sk fore the	coal, or survey)	Camel S	Snus], n	ot coun	ting any	electro 2.2	2.2	No linear change	Not available	No change
dissolvable toba	acco proo , on at lea	ducts [s ast 1 day	uch as C y during who cur	Copenha the 30	gen, Gri days bef	zzly, Sk fore the	coal, or survey)	Camel S	Snus], n	ot coun	ting any	electro 2.2	2.2	No linear change	Not available	No change

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

Maryland Middle School Survey

**Carroll County** 

**Trend Analysis Report** 

				He	ealth Ri	isk Beha	avior an	d Perce	entages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2016-2018 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN26:	Percenta	age of st	udents v	who eve	r drank	alcohol	(other th	nan a fev	w sips)		18.8	14.2	19.0	18.0	No linear change	Not available <sup>§</sup>	No change
QN27:	Percenta	age of st	udents v	who dra	nk alcoł	nol for th	ne first ti	ime befe	ore age	11 year	rs (other 11.3		ew sips) 11.8	) 9.6	No linear change	Not available	No change
QN28:	Percenta	nge of st	udents v	who eve	r used n	narijuan	a				6.6	4.2	3.3	4.7	No linear change	Not available	No change
QN29:	Percenta	age of st	udents v	who trie	d marijı	uana for	the first	time be	fore ag	e 11 yea	ars 2.6	2.8	1.4	2.4	No linear change	Not available	No change

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

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

Maryland Middle School Survey

Carroll County

**Trend Analysis Report** 

Male			
Alcohol and	Other	Drug	Use

	Health Risk Behavior and Percentages												Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	<b>Change from</b> <b>2016-2018</b> <sup>†</sup>		
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN30: 1 different hydroco	tly than	how a c	loctor to	who eve old them	er took p to use i	rescripti t (counti	on pain ng drug	medicir s such a	ne witho s codein	out a doo ne, Vicc	ctor's pr din, Ox	escripti cycontir	on or ,				
5	,		,										2.1	5.7	Increased, 2016-2018	Not available <sup>§</sup>	Increased
QN31: 1	Percent	age of s	tudents	who eve	r used c	ocaine (	any forr	n of coc	aine, in	cluding	-						
											2.5	3.5	1.0	1.3	Decreased, 2013-2018	Not available	No change
QN32: 1 inhaled a						nhalants	(sniffed	l glue, b	reathed	the con	tents of	spray c	ans, or				
											8.7	4.7	5.4	3.6	Decreased, 2013-2018	Not available	No change
QN33: 1	Percent	age of s	tudents	who eve	r took s	teroids v	vithout a	a doctor	's presci	ription (	pills or	shots)					
											1.6	1.8	1.3	1.5	No linear change	Not available	No change

Maryland Middle School Survey

**Carroll County** 

**Trend Analysis Report** 

Male Sexual B	ehavior	s		н	ealth R	isk Beh	avior ar	nd Perce	entages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2016-2018 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN34:	Percenta	age of s	tudents	who eve	er had se	exual int	ercourse	2				3.5	5.2	4.2	No linear change	Not available <sup>§</sup>	No change
QN35:	Percenta	age of s	tudents	who had	l sexual	intercou	irse for t	the first	time be	fore age	e 11 yea	rs					
												1.6	2.3	1.6	No linear change	Not available	No change
QN36:	Percenta	age of s	tudents	who eve	er had se	xual int	ercourse	e with th	ree or n	nore per	rsons	2.0	1.9	1.6	No linear change	Not available	No change

Maryland Middle School Survey

**Carroll County** 

**Trend Analysis Report** 

Health Risk Behavior and Percentages													Linear Change <sup>*</sup>	Quadratic Change*	Change from 2016-2018		
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN38:	Percenta	age of st	udents v	who des	cribed t	hemselv	ves as sli	ightly or	r very ov	verweig	ht						
											20.3	16.5	21.4	23.4	No linear change	Not available <sup>§</sup>	No change
QN39:	Percenta	age of st	udents v	who we	re trying	to lose	weight										
		C					C				26.0	28.4	25.7	32.0	No linear change	Not available	Increased
QN40:	Percenta	age of st	udents v	who did	not eat	breakfa	st (durin	ng the 7	days be	fore the	survey	)					
											6.2	6.6	7.5	9.6	No linear change	Not available	No change
QNBK'	DAY:	Percenta	nge of st	udents v	who ate	breakfas	st on all	7 days	(during)	the 7 da	iys befo	re the s	urvey)				

Maryland Middle School Survey

Carroll County

Male	
Physical Activity	

Health Risk Behavior and Percentages	Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	<b>Change from 2016-2018</b> <sup>†</sup>					
1991         1993         1995         1997         1999         2001         2003         2005         2007         2009         201	1 20	)13 2	2014	2016	2018	3		
QN41: Percentage of students who were physically active at least 60 minutes per dation of physical activity that increased their heart rate and made them breathe hard days before the survey)								
	71.6	6 7	1.9	67.1	62.1	Decreased, 2013-2018	Not available <sup>§</sup>	No change
QNPA0DAY: Percentage of students who did not participate in at least 60 minutes I day (in any kind of physical activity that increased their heart rate and made them during the 7 days before the survey)								
	5.0	) 5	5.4	7.5	6.0	No linear change	Not available	No change
QNPA7DAY: Percentage of students who were physically active at least 60 minute kind of physical activity that increased their heart rate and made them breathe hard lays before the survey)								
	42.9	9 49	9.4	44.9	39.8	No linear change	Not available	No change

Maryland Middle School Survey

**Carroll County** 

**Trend Analysis Report** 

Male	
Physical Activity	

				H	ealth Ri	sk Beha	vior an	d Perce	entages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2016-2018 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QN42:	Percenta	age of s	tudents	who wat	ched tel	evision	3 or mo	re hours	per day	v (on an	averag	e schoo	l day)				
											27.4	21.9	25.2	20.4	No linear change	Not available <sup>§</sup>	No change
(countir	Percentang time s	spent on nputer,	things s	such as j	olaying	games, v	vatching	y videos	, texting	g, or usin	ng socia	al media	on the	r			
-	school	day)									35.9	33.0	39.7	48.2	Increased, 2013-2018	Not available	Increased
average QN44:	school of Percenta hen they	age of s			nded ph	ysical e	ducation	(PE) c	lasses of	n 1 or m					Increased, 2013-2018	Not available	Increased

Maryland Middle School Survey

Carroll County

Male	
Physical Activity	

	Health Risk Behavior and Percentages													Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	<b>Change from 2016-2018</b> <sup>†</sup>	
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QNDLY week wi					io attend	led phys	sical edu	cation (	(PE) cla	sses on	all 5 da	ys (in ar	averag	ge			
											20.0	17.4	11.1	11.3	Decreased, 2013-2018	Not available <sup>§</sup>	No change
QN45:		U			-				(countir	ng any to	eams ru	n by the	ir schoo	ol or			
												78.0	69.9	65.1	Decreased, 2014-2018	Not available	No change
QN46: times du						ussion fi	rom play	ving a sp	port or b	being ph	iysically	active	(one or	more			
													12.7	21.4	Increased, 2016-2018	Not available	Increased

Maryland Middle School Survey

**Carroll County** 

Male Other				н	ealth Ri	isk Beh	avior ar	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN47:	Percenta	age of st	tudents	who hac	l ever be	een told	by a doo	ctor or n	urse tha	at they h	had asth	ma					
											20.3	21.2	20.1	15.6	No linear change	Not available <sup>§</sup>	No change
QN48:	Percenta	age of st	tudents	who got	8 or mo	ore hour	s of slee	p (on ar	n averag	e schoo	ol night)						
											68.8	67.8	63.9	64.0	No linear change	Not available	No change
QN49: before t	Percenta he surve		tudents	who des	cribed t	heir gra	des in so	chool as	mostly	A's or I	B's (duri	ng the 1	12 mont	hs			,
												88.4	84.0	82.3	No linear change	Not available	No change

Maryland Middle School Survey

**Carroll County** 

**Trend Analysis Report** 

Male
Site-Added

	Hea	alth Risk B	Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	<b>Change from</b> 2016-2018 <sup>†</sup>								
1991 1993 1995 19	97 1999	2001 200	3 2005	2007	2009	2011	2013	2014	2016	2018			
QN52: Percentage of studer driving the car	nts who have	ever ridder	in a car d	riven by	someor	ne who v	was tex	ting wh	ile they	were			
C								51.2	64.1	54.4	No linear change	Not available <sup>§</sup>	Decreased
QN54: Percentage of studer stopped doing some usual ad		ad or hopel	ess (almos	t every o	day for 2	>=2 wee	eks in a	row so	that the	v			
stopped doing some usual a	ctivities, ever	r during the					16.9	14.2	15.7	17.6	No linear change	Not available	No change
			12 months	before	the surv	rey)	16.9	14.2			No linear change	Not available	No change
QN55: Percentage of studer			12 months	before	the surv	rey)	16.9	14.2			No linear change No linear change	Not available Not available	No change No change
	nts who smol	ked a whole	12 months	s before	the surv ge 11 ye	ey) ears (for	16.9 the firs 2.7	14.2 t time) 1.9	15.7	17.6			

 $^*Based$  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.

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

Maryland Middle School Survey

Carroll County

**Trend Analysis Report** 

Male
Site-Added

Health Risk Behavior and Percentages													Linear Change <sup>*</sup>	Quadratic Change*	<b>Change from 2016-2018</b> <sup>†</sup>		
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	5 2018	3		
	QN63: Percentage of students who used flavored tobacco products (flavored cigars, cigarillos, or little cigars, lavored smokeless tobacco products, or both, not counting menthol cigarettes, during the 30 days before the urvey)																
											2.9	1.9	1.8	0.5	Decreased, 2013-2018	Not available <sup>§</sup>	No change
	N64: Percentage of students who tried or used tobacco products for the first time (during the 12 months before ne survey)																
												1.9	2.5	0.4	Decreased, 2014-2018	Not available	Decreased
QN66: 1	Percent	age of s	tudents	who live	e with sc	omeone	who nov	v smoke	es cigare	ettes or	cigars						
											33.4	30.6	32.5	32.7	No linear change	Not available	No change
QN67: I anywher									e their l	nome is	that sn	noking i	s not al	lowed			
													86.9	84.2	No linear change	Not available	No change

Maryland Middle School Survey

**Carroll County** 

**Trend Analysis Report** 

Male
Site-Added

				н	ealth Ri	isk Beha	avior an	nd Perce				Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	<b>Change from</b> 2016-2018 <sup>†</sup>			
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN68: during t					re in the	same ro	oom witl	h someo	one who	was sm	oking (	on at le	ast one o	lay			
													14.3	16.9	No linear change	Not available <sup>§</sup>	No change
QN69:				who cur	rently di	rank alc	ohol (at	least on	e drink	of alcol	nol, on a	at least	day du	ring			
the 30 d	ays befo	ore the s	urvey)								7.5	5.6	5.1	6.3	No linear change	Not available	No change
											1.5	5.0	5.1	0.5	No inical change	Not available	No change
QN70: survey)	Percenta	age of st	udents	who cur	rently us	sed mari	ijuana (o	one or m	ore tim	es durin	g the 30	) days b	efore th	e			,
											5.1	3.7	3.3	3.5	No linear change	Not available	No change
QN71: months				who we	re offere	d, sold,	or giver	n an ille	gal drug	g on sch	ool prop	perty (di	uring the	e 12			

 $^*Based$  on trend 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

Carroll County

**Trend Analysis Report** 

Male
Site-Added

ite-Auu	cu			H	ealth Ri	isk Beha	avior an	nd Perce	entages						Linear Change <sup>*</sup>	Quadratic Change*	<b>Change from</b> 2016-2018 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	8		
QN72: during tl						st (for a	check-u	ıp, exan	n, teeth	cleaning	g, or oth	ier dent	al work	,			
													71.4	73.6	No linear change	Not available <sup>§</sup>	No change
QN73:		age of s	tudents	who wei	re taugh	t in their	r classes	about t	he dang	ers of to	bacco	use (du	ing the	last			
school y	(ear)										93.9	92.3	88.1	86.6	Decreased, 2013-2018	Not available	No change
QN74: clubs, or				who par	ticipate	in extra	curricula	ar activi	ties at s	chool (s	uch as s	sports, l	oand, dr	ama,			
											69.8	68.7	63.1	65.5	No linear change	Not available	No change
QN77:	Percent	age of s	tudents	who say	definite	ely yes o	or probat	oly yes t	hat you	ng peop	ole who	smoke	have m	ore	· · · · · · · · · · · · · · · · · · ·		

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

Maryland Middle School Survey

**Carroll County** 

**Trend Analysis Report** 

Male
Site-Added

				H	ealth Ri	sk Beha	ivior an	d Perce		Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	<b>Change from</b> <b>2016-2018</b> <sup>†</sup>					
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN78: or fit in	Percenta	ige of st	udents v	who say	definite	ly yes o	r probał	oly yes t	hat smc	king ma	akes you	ung peo	ple lool	c cool			
											7.5	9.5	5.9	13.6	No linear change	Not available <sup>§</sup>	Increased
	Percenta f an alco						ly disap	prove c	of some	one their	age ha	ving on	e or two	)			
urniks o			everage	nearry e	every ua	У											
													82.5	84.0	No linear change	Not available	No change
QN80: them to		0									U		wrong		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. <sup>§</sup>Not enough years of data to calculate.

Maryland Middle School Survey

**Carroll County** 

**Trend Analysis Report** 

te-Added				He	ealth Ri	sk Beha	avior an	nd Perco	entages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2016-2018
1991 199	3 199	95	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN81: Perce in other ways													(physic	ally or			
											73.8	73.1	79.5	68.9	No linear change	Not available <sup>§</sup>	Decreased
														ally 76.1	Decreased, 2013-2018	Not available	Decreased
QN82: Perce and in other QN83: Perce to them	vays) if	f they	have t	five or n	nore dri	nks of a	lcohol (	beer, wi	ne, or li	iquor) o	83.3	wice a 80.4	week 83.4	76.1	Decreased, 2013-2018 No linear change	Not available	Decreased

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

Maryland Middle School Survey

**Carroll County** 

**Trend Analysis Report** 

Male Site-Added

				H	ealth Ri	isk Beh	avior ar	nd Perco		Linear Change <sup>*</sup>	Quadratic Change*	Change from 2016-2018 <sup>†</sup>					
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN85: had (du		0				teacher	or other	adult in	their so	chool ab	1	ersonal j 27.5	L	they 31.0	No linear change	Not available <sup>§</sup>	No change
QN86: a lot of o			udents	who stro	ongly ag	ree or a	gree tha	t their te	eachers	really ca		t them 61.9		64.9	No linear change	Not available	No change

Maryland Middle School Survey

**Carroll County** 

**Trend Analysis Report** 

Female	
Injury and	Violence

	ercentage of students who rarely or never wore a bicycle helmet (among students who had ridden a														Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	<b>Change from</b> <b>2016-2018</b> <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN6: Pe bicycle)	ercentag	ge of stu	idents w	ho rarely	y or nev	er wore	a bicyc	le helme	et (amor	ng stude	ents who	o had ri	dden a				
-											43.9	39.0	42.5	41.4	No linear change	Not available <sup>§</sup>	No change
QN7: Pe students							a helme	et when	rollerbl	ading or	r skateb	ooarding	g (amon 60.1	g 63.1	No linear change	Not available	No change
0N8· P	ercenta	e of stu	idents w	ho rarel	v or nev	er wore	a seat h	elt (whe	n riding	in a ca							
	ereentag		dents w	no rarer	y or nev		u sour o	on (whe	in manne	5 m u cc	3.3	4.1	2.3	1.7	Decreased, 2013-2018	Not available	No change
													:		1		
QN9: Pe	ercentag	ge of stu	idents w	ho ever	rode wi	th a driv	er who	had bee	n drinki	ng alco	hol (in	a car)					

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

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

Maryland Middle School Survey

**Carroll County** 

**Trend Analysis Report** 

				H	ealth Ri	isk Beh	avior ar	d Perce	entages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2016-2018 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN10:	Percenta	ige of st	udents	who eve	er carrie	d a wear	oon (suc	h as a g	ın, knife	e, or clu	ıb) 20.1	21.9	26.0	16.4	No linear change	Not available <sup>§</sup>	Decreased
QN11:	Percenta	nge of st	udents	who we	re ever i	n a phys	sical figl	nt	,		26.3	23.8	27.9	20.3	No linear change	Not available	Decreased
QN14:	Percenta	ige of st	udents	who eve	er seriou	sly thou	ght abou	ıt killinş	g themse	lves	19.6	16.3	19.8	21.3	No linear change	Not available	No change
QN15:	Percenta	nge of st	udents	who eve	er made	a plan a	bout how	v they v	ould ki	l them	selves		13.1	14.3	No linear change	Not available	No change
QN16:	Percenta	ige of st	udents	who eve	er tried t	o kill the	emselve	5					5.9	8.0	No linear change	Not available	No change

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

Maryland Middle School Survey

**Carroll County** 

**Trend Analysis Report** 

Female Fobacco	Use																
				H	ealth Ri	sk Beh	avior aı	nd Perc	entages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2016-2018 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QN17:	Percenta	age of st	tudents	who eve	er tried c	igarette	smokin	g (even	one or	two pufi	fs)	-	3.8	27	Na linear sheres	Not available <sup>§</sup>	No sheree
													3.8	3.7	No linear change	Not available	No change
QN18: 1 puffs)	Percenta	age of st	tudents	who trie	d cigare	tte smol	king for	the firs	t time b	efore ag	e 11 ye	ars (eve	n one o	r two			
													1.7	1.0	No linear change	Not available	No change
QN19: survey)	Percenta	age of st	tudents	who cur	rently si	noked c	igarette	s (on at	least 1	day duri	ng the 3	30 days	before t	he			
											1.5	1.1	1.1	0.3	No linear change	Not available	No change
QNFRC days bef				ents who	o curren	tly smol	ked ciga	arettes fi	requentl	y (on 20	) or mo	re days	during t	he 30			
											0.4	0.3	0.0	0.0	Not available	Not available	Not available

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

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

Maryland Middle School Survey

Carroll 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§ 0.3 0.3 0.0 0.0 Not available QN21: Percentage of students who ever used an electronic vapor product 8.2 12.5 15.9 Increased, 2014-2018 Not available No change QN22: Percentage of students who currently used an electronic vapor product (on at least 1 day during the 30 days before the survey) 2.8 Increased, 2014-2018 No change 3.5 6.5 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) 0.5 0.0 0.7 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

**Carroll County** 

**Trend Analysis Report** 

Female	
Tobacco Use	

				H	ealth Ri	isk Beha	avior an	d Perce	entages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2016-2018 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QNDAY the 30 d			0	udents v	who cur	rently us	ed elect	ronic va	apor pro	ducts d	aily (on	all 30 c	ays dur	ing			
												0.1	0.0	0.4	Not available	Not available <sup>§</sup>	Not available
QN24:										g tobaco [nus], no							
											Ji Count	ing any	electro	nic			
vapor pr											or count	ing any	0.2	nic 1.4	No linear change	Not available	Increased
	oducts,	on at lea	ast 1 day	y during	the 30	days bef	ore the	survey)					0.2	1.4	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.

Maryland Middle School Survey

**Carroll County** 

**Trend Analysis Report** 

Female Alcohol a	and Oth	er Drug	g Use	Н	ealth Ri	isk Beh	avior ar	nd Perce	entages						Linear Change <sup>*</sup>	Quadratic Change*	Change from 2016-2018 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN26:	Percenta	age of st	udents	who eve	r drank	alcohol	(other tl	nan a fe	w sips)		14.8	10.0	17.0	15.1	No linear change	Not available <sup>§</sup>	No change
QN27:	Percenta	age of st	udents	who dra	nk alcol	nol for tl	ne first t	ime bef	ore age	11 year	ts (other 4.8	than a f 3.7	ew sips 9.9	) 7.4	Increased, 2013-2018	Not available	No change
QN28:	Percenta	age of st	udents	who eve	r used r	narijuan	a				2.4	2.0	1.3	4.7	Increased, 2013-2018	Not available	Increased
QN29:	Percenta	age of st	udents	who trie	d marijı	ana for	the first	time be	efore ag	e 11 yea	ars 0.4	2.5	0.0	1.1	Not available	Not available	Not available

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

Maryland Middle School Survey

**Carroll County** 

**Trend Analysis Report** 

Female Alcohol and Other Drug Use

			-	H	ealth Ri	sk Beha	wior an	d Perce	entages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2016-2018 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN30: 1 different hydroco	ly than	how a d	loctor to											:			
nyuroco	uone, ai		icel)										3.2	4.7	No linear change	Not available <sup>§</sup>	No change
QN31: 1	Percenta	age of st	udents	who eve	r used c	ocaine (	any forr	n of coc	aine, in	cluding	powder	r, crack,	or freet	base)			
											1.4	2.2	1.0	1.1	No linear change	Not available	No change
QN32: 1 inhaled a						nhalants	(sniffed	l glue, b	reathed	the con	tents of	spray c	ans, or				
											4.9	4.4	6.1	4.5	No linear change	Not available	No change
QN33: 1	Percenta	age of st	udents	who eve	er took st	teroids v	vithout a	a doctor	's presci	ription (	pills or	shots)					
											0.7	1.6	1.3	0.6	No linear change	Not available	No change

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

Maryland Middle School Survey

**Carroll County** 

**Trend Analysis Report** 

Female Sexual Bo	ehaviors	s		$\mathbf{H}_{i}$	ealth R	isk Beh	avior ar	nd Perce	entages	i.					Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2016-2018 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN34:	Percenta	age of st	tudents	who eve	er had se	exual int	ercourse	2				1.5	1.8	2.7	No linear change	Not available <sup>§</sup>	No change
QN35:	Percenta	age of st	tudents	who had	l sexual	intercou	urse for t	the first	time be	fore ag	e 11 yea	rs	1	-			
												0.7	0.5	1.3	No linear change	Not available	No change
QN36:	Percenta	age of st	tudents	who eve	er had se	xual int	ercourse	e with th	nree or r	nore pe	rsons	0.3	0.2	0.4	No linear change	Not available	No change

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

Maryland Middle School Survey

**Carroll County** 

**Trend Analysis Report** 

Female Weight M	/Ianagei	nent ar	nd Dieta	-		isk Beh	avior ar	nd Perc	entages						Linear Change <sup>*</sup>	Quadratic Change*	Change from 2016-2018 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN38:	Percenta	age of s	tudents	who des	cribed t	hemselv	ves as sli	ghtly or	very o	verweig	ht		:	-			
											24.8	25.3	27.9	26.5	No linear change	Not available <sup>§</sup>	No change
QN39:	Percenta	age of s	tudents	who we	re trying	g to lose	weight										
											46.1	42.6	48.9	48.5	No linear change	Not available	No change
QN40:	Percenta	age of s	tudents	who did	not eat	breakfa	st (durin	g the 7	days be	fore the	survey	)					
											6.1	8.1	12.2	9.2	Increased, 2013-2018	Not available	No change
QNBK7	DAY:	Percenta	age of st	tudents v	who ate	breakfa	st on all	7 days	(during	the 7 da	ays befo	ore the s	urvey)				
											54.4	55.6	48.2	46.5	Decreased, 2013-2018	Not available	No change

Maryland Middle School Survey

**Carroll County** 

**Trend Analysis Report** 

Female	
<b>Physical Activity</b>	

Health Risk Behavior and Percentages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	<b>Change from</b> <b>2016-2018</b> <sup>†</sup>
1991         1993         1995         1997         1999         2001         2003         2005         2007         2009         201	1 20	013 2	2014	2016	201	3		
QN41: Percentage of students who were physically active at least 60 minutes per dakind of physical activity that increased their heart rate and made them breathe hard s days before the survey)								
	62.	5 63	3.2	59.2	55.5	Decreased, 2013-2018	Not available <sup>§</sup>	No change
QNPA0DAY: Percentage of students who did not participate in at least 60 minutes 1 day (in any kind of physical activity that increased their heart rate and made them during the 7 days before the survey)								
	4.7	4	.6	6.7	7.6	No linear change	Not available	No change
QNPA7DAY: Percentage of students who were physically active at least 60 minute kind of physical activity that increased their heart rate and made them breathe hard s days before the survey)								
	29.9	9 36	6.2	28.6	26.3	Decreased, 2013-2018	Not available	No change

Maryland Middle School Survey

**Carroll County** 

**Trend Analysis Report** 

				He	ealth Ri	sk Beh	avior ar	nd Perc	entages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2016-2018 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN42:	Percenta	nge of st	udents v	who wat	ched tel	evision	3 or mo	ore hours	s per da	y (on an	n averag	ge schoo	l day)				
											28.3	23.8	23.6	21.5	Decreased, 2013-2018	Not available <sup>§</sup>	No change
(countir smartph	Percentang time s none, con school o	pent on nputer, 2	things s	uch as p	olaying	games,	watchin	g videos	s, texting	g, or usi	ter 3 or	more h al medi	ours per a on thei	day r	Decreased, 2013-2018 No linear change	Not available <sup>§</sup>	No change
(countir smartph average	ng time s ione, cor	pent on nputer, 1 lay)	things s Xbox, P	uch as f layStati	blaying on, iPad	games, <sup>,</sup> l, or oth	watching er tablet	g videos , for sor	s, texting nething	g, or usi that wa	ter 3 or ing soci is not sc 32.8	more h al medi chool wo 26.8	ours per a on thei ork, on a 37.8	day r n 36.3			

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

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

Maryland Middle School Survey

**Carroll County** 

**Trend Analysis Report** 

Female Physical	Activity			н	ealth R	isk Beh	avior ar	nd Perce	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	8		
QNDLY week w	PE: Per hen they				no attend	led phys	sical edu	cation (	PE) cla	sses on	all 5 da	ys (in ar	n averag	ge			
	5			,							14.0	11.5	7.6	8.2	Decreased, 2013-2018	Not available <sup>§</sup>	No change
QN45: commu	Percenta nity grou								(countin	ig any to	eams ru	n by the	ir schoo	ol or	· · · · · ·		
												74.5	70.5	67.7	No linear change	Not available	No change
QN46: times du	Percenta ring the					ussion fi	rom play	ving a sp	oort or b	eing ph	ysically	active	(one or	more			
													16.0	10.0	Decreased, 2016-2018	Not available	Decreased

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

Maryland Middle School Survey

**Carroll County** 

**Trend Analysis Report** 

Female Other				н	ealth Ri	isk Beh	avior ar	nd Perc	entages						Linear Change <sup>*</sup>	Quadratic Change*	Change from 2016-2018 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	8		
QN47:	Percenta	age of st	tudents	who hac	l ever be	een told	by a doo	ctor or r	nurse tha	at they h	ad asth	ma					
											16.6	13.5	17.6	16.3	No linear change	Not available <sup>§</sup>	No change
QN48:	Percenta	age of st	tudents	who got	8 or mo	ore hour	s of slee	ep (on a	n averag	e schoo	l night)						
											59.5	65.0	55.0	61.7	No linear change	Not available	No change
QN49: before th			tudents	who des	cribed t	heir gra	des in so	chool as	mostly	A's or H	B's (duri	ng the 1	2 mont	hs			
												94.8	89.2	90.5	Decreased, 2014-2018	Not available	No change

Maryland Middle School Survey

**Carroll County** 

**Trend Analysis Report** 

Female
Site-Added

				H	ealth Ri	sk Beha	ivior an	d Perce	entages						Linear Change <sup>*</sup>	Quadratic Change*	Change from 2016-2018 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN52: Iriving	Percenta the car	age of st	udents	who hav	e ever r	idden in	a car dr	iven by	someor	ne who	was text	ing whi	le they	were			
U												61.3	72.7	56.2	No linear change	Not available <sup>§</sup>	Decreased
	Percenta										eks in a	row so	that they	1			
	Percenta doing so										eks in a 26.7		-	29.2	No linear change	Not available	No change
topped		ome usu	al activ	ities, eve	er durin	g the 12	months	before	the surv	rey)	26.7	22.8	-		No linear change	Not available	No change
stopped	doing so	ome usu	al activ	ities, eve	er durin	g the 12	months	before	the surv	rey)	26.7	22.8	-		No linear change No linear change	Not available Not available	No change No change
2N55:	doing so	age of st	al active udents v	ities, eve who smo	er during	g the 12 hole cig	months garette b	before ag	the surv ge 11 ye	ears (for	26.7 the first 0.7	22.8 t time) 1.3	31.5 0.4	29.2 0.2			

 $^*Based$  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.

Maryland Middle School Survey

Carroll County

**Trend Analysis Report** 

Female 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 QN63: Percentage of students who used flavored tobacco products (flavored cigars, cigarillos, or little cigars, flavored smokeless tobacco products, or both, not counting menthol cigarettes, during the 30 days before the survey) 0.4 0.7 0.2 0.5 No linear change Not available§ No change QN64: Percentage of students who tried or used tobacco products for the first time (during the 12 months before the survey) 1.8 1.7 2.4 No linear change Not available No change QN66: Percentage of students who live with someone who now smokes cigarettes or cigars 37.4 30.7 35.2 26.6 Decreased, 2013-2018 Not available Decreased QN67: Percentage of students who report the rule about smoking inside their home is that smoking is not allowed anywhere inside their home (not counting decks, garages, or porches) 82.0 84.8 No linear change Not available No change

Maryland Middle School Survey

Carroll County

**Trend Analysis Report** 

ed																
			He	ealth Ri	sk Beha	avior ar	nd Perc	entages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	<b>Change from</b> 2016-2018 <sup>†</sup>
1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
				e in the	same ro	oom wit	h someo	one who	was sm	oking (	on at le	ast one	day			
												21.2	17.6	No linear change	Not available <sup>§</sup>	No change
			who curi	rently di	rank alc	ohol (at	least or	e drink	of alcol	nol, on	at least	1 day di	uring			
										6.8	3.7	5.4	7.6	No linear change	Not available	No change
	age of s	udents v	who curi	rently us	sed mari	ijuana (o	one or n	nore tim	es durir	g the 3	0 days t	before th	ne			
										2.5	2.0	1.2	2.8	No linear change	Not available	No change
			who wer	e offere	d, sold,	or give	n an ille	gal drug	on sch	ool proj	perty (d	uring th	e 12			<u>.</u>
										3.0	36	2.1	3.9	No linear change	Not available	No change
	Percent lays before Percent	1993 1995 Percentage of st the 7 days before Percentage of st Percentage of st Percentage of st	<b>1993 1995 1997</b> Percentage of students withe 7 days before the sur Percentage of students wild before the survey) Percentage of students wild before the survey	Herein He	Health Ri         1993       1995       1997       1999       2001         Percentage of students who were in the the 7 days before the survey)       Percentage of students who currently days before the survey)         Percentage of students who currently days before the survey)         Percentage of students who currently days before the survey)         Percentage of students who currently used to be a survey of students who currently used to be a survey of students who currently used to be a survey of students who currently used to be a survey of students who were offered to be a survey.	Health Risk Beha         1993       1995       1997       1999       2001       2003         Percentage of students who were in the same reference of the survey)         Percentage of students who currently drank alc days before the survey)         Percentage of students who currently used mark         Percentage of students who currently used mark         Percentage of students who currently used mark         Percentage of students who currently used mark	Health Risk Behavior an         1993       1995       1997       1999       2001       2003       2005         Percentage of students who were in the same room with the 7 days before the survey)       Percentage of students who currently drank alcohol (at days before the survey)         Percentage of students who currently used marijuana (example of students who currently used marijuana (example of students who were offered, sold, or given	Health Risk Behavior and Percentage         1993       1995       1997       1999       2001       2003       2005       2007         Percentage of students who were in the same room with someone the 7 days before the survey)       Percentage of students who currently drank alcohol (at least or lays before the survey)         Percentage of students who currently used marijuana (one or not percentage of students who currently used marijuana (one or not percentage of students who were offered, sold, or given an ille	Health Risk Behavior and Percentages         1993       1995       1997       1999       2001       2003       2005       2007       2009         Percentage of students who were in the same room with someone who the 7 days before the survey)       Percentage of students who currently drank alcohol (at least one drink days before the survey)         Percentage of students who currently used marijuana (one or more tim         Percentage of students who were offered, sold, or given an illegal drug	Health Risk Behavior and Percentages         1993       1995       1997       1999       2001       2003       2005       2007       2009       2011         Percentage of students who were in the same room with someone who was sm         Percentage of students who currently drank alcohol (at least one drink of alcohays before the survey)         Percentage of students who currently drank alcohol (at least one drink of alcohays before the survey)         Percentage of students who currently used marijuana (one or more times during drame dr	Health Risk Behavior and Percentages         1993       1995       1997       1999       2001       2003       2005       2007       2009       2011       2013         Percentage of students who were in the same room with someone who was smoking (the 7 days before the survey)         Percentage of students who currently drank alcohol (at least one drink of alcohol, on a days before the survey)         6.8         Percentage of students who currently used marijuana (one or more times during the 34         2.5         Percentage of students who were offered, sold, or given an illegal drug on school propetore the survey)	Health Risk Behavior and Percentages         1993       1995       1997       1999       2001       2003       2005       2007       2009       2011       2013       2014         Percentage of students who were in the same room with someone who was smoking (on at least days before the survey)       Percentage of students who currently drank alcohol (at least one drink of alcohol, on at least days before the survey)       6.8       3.7         Percentage of students who currently used marijuana (one or more times during the 30 days to 2.5       2.0         Percentage of students who were offered, sold, or given an illegal drug on school property (d before the survey)	Health Risk Behavior and Percentages         1993       1995       1997       1999       2001       2003       2005       2007       2009       2011       2013       2014       2016         Percentage of students who were in the same room with someone who was smoking (on at least one the 7 days before the survey)       21.2         Percentage of students who currently drank alcohol (at least one drink of alcohol, on at least 1 day draws before the survey)       6.8       3.7       5.4         Percentage of students who currently used marijuana (one or more times during the 30 days before the survey)       2.5       2.0       1.2         Percentage of students who were offered, sold, or given an illegal drug on school property (during the before the survey)	Health Risk Behavior and Percentages         1993       1995       1997       1999       2001       2003       2005       2007       2009       2011       2013       2014       2016       2018         Percentage of students who were in the same room with someone who was smoking (on at least one day the 7 days before the survey)       21.2       17.6         Percentage of students who currently drank alcohol (at least one drink of alcohol, on at least 1 day during lays before the survey)       6.8       3.7       5.4       7.6         Percentage of students who currently used marijuana (one or more times during the 30 days before the survey)       2.5       2.0       1.2       2.8         Percentage of students who currently used marijuana (one or more times during the 30 days before the survey)       2.5       2.0       1.2       2.8         Percentage of students who were offered, sold, or given an illegal drug on school property (during the 12)	Health Risk Behavior and Percentages       Linear Change*         1993       1995       1997       1999       2001       2003       2005       2007       2009       2011       2013       2014       2016       2018         Percentage of students who were in the same room with someone who was smoking the 7 days before the survey)       Image: The formation of the same room with someone who was smoking to at least one drink of alcohol, on at least 1 day during lays before the survey)       Image: The formation of the same room with someone who was smoking to at least 1 day during lays before the survey)       Image: The formation of the same room with someone who was smoking to at least 1 day during lays before the survey)       Image: The formation of the same room with someone who was smoking to at least 1 day during lays before the survey)       Image: The formation of the same room with someone who was smoking to at least 1 day during lays before the survey)       Image: The formation of the same room with someone who was smoking to at least 1 day during lays before the survey)       Image: The formation of the same room with someone who was smoking to at least 1 day during lays before the survey)       Image: The formation of the same room with someone who was smoking to at least 1 day during lays before the survey)       Image: The formation of the same room with someone who was smoking to at least 1 day during lays before the survey       Image: The formation of the same room with someone room room room room room room room roo	Health Risk Behavior and Percentages       Linear Change*       Quadratic Change*         1993       1995       1997       1999       2001       2005       2007       2009       2011       2013       2014       2016       2016       2016         Percentage of students who were in the same room with someone who was smoking (on at least one drink of alcohol, on at least 1       21.2       17.6       No linear change       Not available <sup>3</sup> Percentage of students who currently drank alcohol (at least one drink of alcohol, on at least 1       6.8       3.7       5.4       7.6       No linear change       Not available         Percentage of students who currently used marijuana (one or more times during the 30       Linear Change       Not available         Percentage of students who were offered, sold, or given an illegal drug on school property (during the 12       2.6       2.0       1.2       2.8       No linear change       Not available         Percentage of students who were offered, sold, or given an illegal drug on school property (during the 12       2.8       No linear change       Not available

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

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

Maryland Middle School Survey

Carroll County

**Trend Analysis Report** 

Female
Site-Added

				H	ealth Ri	isk Beha	avior ar	nd Perce	entages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	<b>Change from 2016-2018</b> <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	8		
QN72: during t						st (for a	check-1	ıp, exan	n, teeth	cleaning	g, or oth	ier dent	al work	,			
													77.7	80.1	No linear change	Not available <sup>§</sup>	No change
		age of s	tudents	who we	re taugh	t in their	r classes	about t	he dang	ers of to	bacco i	use (dui	ing the	last			
school y	/ear)										95.2	93.3	88.8	89.0	Decreased, 2013-2018	Not available	No change
QN74: clubs, or				who par	ticipate	in extra	curricula	ar activi	ties at s	chool (s	uch as s	sports, l	oand, dr	ama,			
											74.6	72.9	70.3	73.1	No linear change	Not available	No change
QN77: friends	Percent	age of s	tudents	who say	definite	ely yes o	or probal	bly yes t	hat you	ng peop	ole who	smoke	have m	ore			
											11.7	13.4	11.3	20.0	Increased, 2013-2018	Not available	Increased

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

Maryland Middle School Survey

Carroll County

**Trend Analysis Report** 

Female Site-Adde	ed			H	ealth Ri	isk Beh	avior aı	nd Perc	entages						Linear Change <sup>*</sup>	Quadratic Change*	Change from 2016-2018 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN78: 1 or fit in	Percenta	age of st	udents v	who say	definite	ely yes o	or proba	bly yes	that smo	oking m	akes yo	oung peo	ple loo	k cool			
											7.7	9.3	7.2	14.7	Increased, 2013-2018	Not available <sup>§</sup>	Increased
QN79: 1 drinks of							gly disaj	pprove of	of some	one thei	r age ha	aving or	e or two	0			
			everage		, er j en	.,							90.0	88.3	No linear change	Not available	No change
QN80: 1 them to a														for			
											89.6	89.2	87.1	89.1	No linear change	Not available	No change

Maryland Middle School Survey

**Carroll County** 

**Trend Analysis Report** 

Female Site-Added Health Bisk Babasian and Barasarta and					Lincor Change*	Que ductio Chence*	Change from
Health Risk Behavior and Percentages					Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2016-2018 <sup>†</sup>
1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011	2013	2014	2016	2018	3		
QN81: Percentage of students who think people are at moderate or great risk of harmi in other ways) if they have one or two drinks of alcohol (beer, wine, or liquor) nearly e			(physic	ally or			
	73.2	75.0	83.3	78.9	Increased, 2013-2018	Not available <sup>§</sup>	No change
QN82: Percentage of students who think people are at moderate or great risk of harmi and in other ways) if they have five or more drinks of alcohol (beer, wine, or liquor) or				ally			,
	86.5	83.2	86.6	84.1	No linear change	Not available	No change
QN83: Percentage of students who have an adult outside of school they can talk to abo to them	out thin	ngs that	are imp	ortant			
	90.8	90.2	89.7	91.9	No linear change	Not available	No change
QN84: Percentage of students who would feel comfortable seeking help from one or n parents if they had an important question affecting their life	nore ad	lults bes	ides the	eir			
	87.3	84.6	81.1	86.6	No linear change	Not available	Increased

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

Maryland Middle School Survey

**Carroll County** 

**Trend Analysis Report** 

Female
Site-Added

				H	ealth Ri	isk Beh	avior ai	nd Perc	entages						Linear Change <sup>*</sup>	Quadratic Change*	Change from 2016-2018 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QN85: had (du		0				teacher	or other	adult in	their so	chool at	out a p	ersonal	problem	they			
	0				,						35.5	33.8	36.6	38.9	No linear change	Not available <sup>§</sup>	No change
QN86: a lot of			tudents	who stro	ongly ag	ree or a	gree tha	t their te	eachers	really ca	are abou 62.1	at them 67.9	and give	e them 62.4	No linear change	Not available	No change

Maryland Middle School Survey

**Carroll County** 

Trend Analysis Report

White* Injury ai	nd Viol	ence		_													
				Ŀ	lealth F	Risk Beh	navior a	ind Per	centage	S					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2016-2018 <sup>§</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN6: Po bicycle)		ge of stu	idents w	ho rarel	y or nev	er wore	a bicyc	le helm	et (amoi	ng stude	ents who	o had rie	lden a				
											45.3	40.9	45.7	44.1	No linear change	Not available <sup>¶</sup>	No change
QN7: Po students							a helm	et when	rollerbl	ading o	r skateb	oarding	; (among	2			
						,					63.7	59.0	59.9	54.6	Decreased, 2013-2018	Not available	No change
QN8: Po	ercentag	ge of stu	idents w	ho rarel	y or nev	er wore	a seat b	oelt (wh	en ridin	g in a ca							
											3.1	3.8	3.0	1.8	Decreased, 2013-2018	Not available	No change
QN9: Po	ercentag	ge of stu	idents w	ho ever	rode wi	ith a driv	ver who	had bee	en drinki	ing alco	hol (in a	a car)					
											20.5	18.4	20.7	20.5	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.

Maryland Middle School Survey

**Carroll County** 

Trend Analysis Report

White* Injury a	nd Viol	ence		H	Iealth F	Risk Beł	navior a	nd Pero	centage	s					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	<b>Change from</b> 2016-2018 <sup>§</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN10:	Percenta	age of st	tudents	who eve	er carried	d a wear	oon (suc	h as a g	un, knife	e, or clu	ıb) 36.7	35.9	42.9	29.8	No linear change	Not available <sup>¶</sup>	Decreased
QN11:	Percenta	age of st	tudents	who we	re ever i	in a phys	sical figl	nt			39.6	35.5	40.5	32.2	No linear change	Not available	Decreased
QN14:	Percenta	age of st	tudents	who eve	er seriou	sly thou	ght abo	ıt killin	g thems	elves	15.0	13.0	14.8	16.5	No linear change	Not available	No change
QN15:	Percenta	age of st	tudents	who eve	er made	a plan a	bout how	w they v	vould ki	ll them	selves		9.0	10.1	No linear change	Not available	No change
QN16:	Percenta	age of st	tudents	who eve	er tried to	o kill the	emselve	S					3.2	5.2	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.

Maryland Middle School Survey

**Carroll County** 

Trend Analysis Report

				H	Iealth F	Risk Beh	avior a	nd Pero	centage	s					Linear Change <sup>†</sup>	Quadratic Change $^{\dagger}$	Change from 2016-2018 <sup>§</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN17:	Percenta	age of st	udents v	who eve	er tried c	igarette	smokin	g (even	one or t	wo puff	ŝ)		4.4	4.1	No linear change	Not available¶	No change
QN18: puffs)	Percenta	age of st	udents v	who trie	d cigare	ette smol	king for	the first	time be	efore ag	e 11 yea	ars (eve	en one o 1.3	r two 1.4	No linear change	Not available	No change
QN19: urvey)	Percenta	age of st	udents v	who cur	rently si	moked c	igarette	s (on at	least 1 c	lay duri	ng the 3	30 days 1.3	before t	he 0.4	Decreased, 2013-2018	Not available	No change
QNFRC days bef				ents who	o curren	ntly smol	ked ciga	rettes fr	equentl	y (on 20	) or mor 0.2	e days 0.4	during t 0.0	he 30 0.0	Not available	Not available	Not available

White\*

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

Maryland Middle School Survey

**Carroll County** 

Trend Analysis Report

<b>1991 1993 D</b> QNDAYCIG: Per before the survey) QN21: Percentage						2005 oked ci	2007 garettes	2009	2011	2013	2014	2016	2018	-		
before the survey)		ge of stu	dents wh	no curre	ntly sm	oked ci	garettes									
QN21: Percentage								daily (o	on all 30	) days d	luring th	e 30 da	ys			
QN21: Percentage										0.2	0.3	0.0	0.0	Not available	Not available <sup>¶</sup>	Not available
	ge of st	ıdents w	ho ever	used an	electro	onic vap	or prod	uct		<u> </u>	<u> </u>					
											9.2	12.2	17.6	Increased, 2014-2018	Not available	Increased
QN22: Percentage before the survey)		idents w	ho curre	ently use	ed an el	ectronic	c vapor	product	(on at le	east 1 d	lay durii	ig the 3	) days			
											3.4	2.5	7.0	Increased, 2014-2018	Not available	Increased
QNFREVP: Perce during the 30 days				current	ly used	electro	nic vapo	or produ	icts freq	uently (	(on 20 c	r more o	lays			
<u> </u>			• ·								0.6	0.4	0.8	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.

Maryland Middle School Survey

**Carroll County** 

**Trend Analysis Report** 

White* Tobacco	Use			H	lealth R	tisk Bel	navior a	nd Pero	centage	s					Linear Change <sup>†</sup>	Quadratic Change $^{\dagger}$	Change from 2016-2018 <sup>§</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QNDAY the 30 da				udents v	who curi	rently us	sed elect	tronic va	apor pro	ducts d	aily (on	all 30 d 0.4	ays duri 0.4	ng 0.4	No linear change	Not available <sup>¶</sup>	No change
QN24: 1 dissolval vapor pr	ble toba	cco pro	ducts [su	uch as C	Copenha	gen, Gri	izzly, Sk	coal, or (						nic			
													0.9	1.9	No linear change	Not available	No change
QN25: I during th					rently si	noked c	igars (c	igars, ci	garillos	, or little	e cigars,	on at le	ast 1 da	у			
											1.0	0.8	0.7	1.0	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.

Maryland Middle School Survey

**Carroll County** 

Trend Analysis Report

Alcohol	and Oth	her Dru	g Use	H	Iealth R	Risk Beh	avior a	nd Perc	centage	5					Linear Change <sup>†</sup>	Quadratic Change $^{\dagger}$	Change from 2016-2018 <sup>§</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN26:	Percenta	age of st	udents v	who eve	er drank	alcohol	(other tl	han a fe	w sips)		16.0	12.2	16.5	16.2	No linear change	Not available <sup>¶</sup>	No change
QN27:	Percenta	age of st	tudents	who dra	nk alcoł	nol for tl	ne first t	ime befo	ore age	11 year	rs (other 7.4	than a f 6.0	ew sips 9.3	) 8.2	No linear change	Not available	No change
QN28:	Percenta	age of st	udents v	who eve	er used n	narijuan	a				4.6	2.8	2.0	4.5	No linear change	Not available	Increased
QN29:	Percenta	age of st	udents	who trie	d mariju	uana for	the first	time be	fore ag	e 11 yea	ars 1.3	2.3	0.7	1.6	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.

Maryland Middle School Survey

**Carroll County** 

Trend Analysis Report

White* Alcohol	and Ot	ner Dru	ıg Use	F	Iealth F	Risk Beł	avior a	nd Pero	centage	s					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2016-2018 <sup>§</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN30: different hydroco	tly than	how a d	loctor to														
nj ulovo	uone, u												2.6	5.1	Increased, 2016-2018	Not available <sup>¶</sup>	Increased
QN31:	Percent	age of s	tudents	who eve	er used c	cocaine (	any for	n of coo	caine, in	cluding	powde	r, crack,	or freel	oase)			
											1.5	2.3	0.8	1.2	No linear change	Not available	No change
QN32: inhaled						nhalants	(sniffed	l glue, t	oreathed	the con	itents of	f spray c	ans, or				
											6.0	4.4	6.1	4.3	No linear change	Not available	No change
QN33:	Percent	age of s	tudents	who eve	er took s	teroids v	vithout	a doctor	's presci	ription (	pills or	shots)					
											0.6	1.3	0.8	0.7	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.

Maryland Middle School Survey

**Carroll County** 

**Trend Analysis Report** 

White* Sexual F	Behavio	rs		F	Iealth F	tisk Beh	avior a	nd Pero	centage	s					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2016-2018 <sup>§</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN34:	Percenta	age of st	tudents v	who eve	er had se	xual inte	ercourse	;				2.0	2.9	3.4	No linear change	Not available <sup>¶</sup>	No change
QN35:	Percenta	age of st	tudents v	who had	l sexual	intercou	rse for t	he first	time be	fore age	e 11 yea	rs					
												0.7	1.0	1.4	No linear change	Not available	No change
QN36:	Percenta	age of st	tudents v	who eve	er had se	xual into	ercourse	with th	nree or r	nore per	rsons	0.8	0.4	1.1	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.</li>
\*Based on t-test analysis, p < 0.05.</li>
\*Not enough years of data to calculate.

Maryland Middle School Survey

**Carroll County** 

Trend Analysis Report

				E	Iealth F	Risk Beł	navior a	nd Pero	centage	S					Linear Change <sup><math>\dagger</math></sup>	Quadratic Change $^{\dagger}$	Change from 2016-2018 <sup>§</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN38:	Percenta	age of st	tudents	who des	cribed t	hemselv	ves as sli	ghtly oi	r very o	verweig	ht						
											21.4	21.6	24.2	24.2	No linear change	Not available <sup>¶</sup>	No change
QN39:	Percenta	age of st	tudents	who we	re trying	to lose	weight										
											34.8	36.7	36.7	39.5	No linear change	Not available	No change
QN40:	Percenta	age of st	tudents	who did	not eat	breakfa	st (durin	g the 7	days be	fore the	survey	)					
											6.2	6.8	9.4	8.9	Increased, 2013-2018	Not available	No change
QNBK	7DAY:	Percenta	age of st	udents	who ate	breakfa	st on all	7 days	(during	the 7 da	ays befo	re the s	urvey)				
											58.8	61.0	55.9	52.8	Decreased, 2013-2018	Not available	

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

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**Carroll County** 

**Trend Analysis Report** 

white* Physical	Activit	у		F	Iealth F	Risk Beł	navior a	nd Pero	centage	s					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	<b>Change from</b> <b>2016-2018</b> <sup>§</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	5 201	8		
QN41: kind of j days bet	physical	activity	that in														
											68.1	68.5	65.8	61.6	Decreased, 2013-2018	Not available <sup>¶</sup>	No change
QNPA0 1 day (in during t	n any ki	nd of ph	iysical a	ctivity t													
											4.5	4.6	5.8	5.5	No linear change	Not available	No change
QNPA7 kind of days bef	physical	activity	that in														
											36.8	43.5	37.6	34.1	No linear change	Not available	No change

White\*

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

Maryland Middle School Survey

**Carroll County** 

**Trend Analysis Report** 

				H	ealth R	lisk Bel	navior a	nd Pero	centage	s					Linear Change <sup>†</sup>	Quadratic Change $^{\dagger}$	Change from 2016-2018 <sup>§</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QN42:	Percenta	age of st	udents v	who wat	ched te	levision	3 or mo	ore hours	s per da <u>y</u>	y (on an	n averag	ge schoo	l day)				
											27.1	23.2	22.4	19.5	Decreased, 2013-2018	Not available <sup>¶</sup>	No change
(countin smartph	Percenta og time s one, cor school c	pent on nputer,	things s	such as p	olaying	games,	watchin	g videos	s, texting	g, or usi	ing soci	al media	on thei	r	Increased, 2013-2018	Not available	No change
(countin smartpho average	ig time s one, cor	pent on nputer, lay)	things s Xbox, P	such as p layStati	olaying on, iPac	games, <sup>-</sup> l, or oth	watchin er tablet	g videos , for sor	s, texting nething	g, or usi that wa	ing soci is not sc 35.2	al media shool wo 30.5	on theirk, on a	r n 41.5	Increased, 2013-2018	Not available	No chang

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

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				H	ealth R	lisk Beh	avior a	nd Perc	centages	5					Linear Change <sup>†</sup>	Quadratic Change $^{\dagger}$	Change from 2016-2018 <sup>§</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
	PE: Per hen they				o attenc	led phys	ical edu	cation (	PE) clas	sses on a	all 5 day	/s (in an	average	e			
											17.9	14.5	9.2	10.0	Decreased, 2013-2018	Not available <sup>¶</sup>	No change
ON45:	Percenta								countin	g any te	eams ru	n by the	r schoo	l or			
	nity grou	ips, duri	ng the p	ast 12 1	ionuis t			//									
	nity grou	ips, duri	ng the p	ast 12 1	ionuis t			,				77.8	72.5	68.2	Decreased, 2014-2018	Not available	No chang
QN46:	hity grou Percenta Iring the	ige of st	udents v	who had	a concu				port or b	eing ph	ysically				Decreased, 2014-2018	Not available	No chanş

White\*

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**Trend Analysis Report** 

White* Other				E	Iealth R	lisk Beł	navior a	nd Pero	centage	s					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2016-2018 <sup>§</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	8		
QN47:	Percenta	age of si	tudents	who had	l ever be	en told	by a doo	ctor or n	urse tha	it they h	nad asthi 18.4	ma 16.2	19.3	16.9	No linear change	Not available <sup>¶</sup>	No change
QN48:	Percenta	age of st	tudents	who got	8 or mo	ore hour	s of slee	p (on ar	ı averag	e schoo	l night) 65.5	66.2	58.1	64.3	No linear change	Not available	No change
QN49: before th			tudents	who des	cribed th	heir grad	des in sc	hool as	mostly	A's or H	3's (duri	ng the 1 91.7	12 mont 86.7	hs 87.7	Decreased, 2014-2018	Not available	No change

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Trend Analysis Report

				H	lealth R	tisk Beł	navior a	and Pero	centage	s					Linear Change <sup>†</sup>	Quadratic Change $^{\dagger}$	Change from 2016-2018 <sup>§</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN52: driving	Percenta the car	ige of st	udents v	who hav	e ever r	idden in	a car di	riven by	someoi	ne who	was tex	ting wh	ile they	were			
												58.6	69.9	56.5	No linear change	Not available <sup>¶</sup>	Decrease
	Percenta doing so										eks in a	row so	that the	ÿ			
											eks in a 20.8	row so 18.2	that the 21.5	y 21.8	No linear change	Not available	No chang
topped		ome usu	al activi	ities, eve	er durin	g the 12	months	sbefore	the surv	vey)	20.8	18.2			No linear change	Not available	No chang
topped	doing so	ome usu	al activi	ities, eve	er durin	g the 12	months	sbefore	the surv	vey)	20.8	18.2			No linear change	Not available Not available	No chang No chang
topped 2N55: 2N62:	doing so	age of st	udents v	ities, eve	bked a v	g the 12	months	s before	the surv ge 11 ye	ears (for	20.8 the firs 1.4	18.2 t time) 1.3	0.7	0.5			

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

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Trend Analysis Report

White* Site-Added			Н	lealth R	Risk Beł	navior a	and Per	centage	S					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2016-2018 <sup>§</sup>
1991 1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN63: Percent flavored smoke survey)													·,			
Survey)										1.4	1.0	1.2	0.6	No linear change	Not available <sup>¶</sup>	No change
QN64: Percent the survey)	age of st	udents v	who trie	d or use	d tobace	co produ	ucts for	the first	time (d	uring th	e 12 mo	onths be	fore			
											1.6	2.2	1.3	No linear change	Not available	No change
QN66: Percent	age of st	udents v	who live	with so	omeone	who no	w smok	es cigar	ettes or	cigars						
										34.1	30.7	32.9	28.7	No linear change	Not available	No change
QN67: Percent anywhere inside								de their	home is	that sm	oking is	s not all	owed			
												84.6	85.3	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.

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Trend Analysis Report

White* Site-Add	led			H	lealth R	lisk Beh	avior a	nd Pero	centage	s					Linear Change <sup>†</sup>	Quadratic Change $^{\dagger}$	Change from 2016-2018 <sup>§</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN68: 1 during th					e in the	same ro	om wit	h someo	one who	was sm	oking (	on at le	ast one	day			
													17.0	17.4	No linear change	Not available <sup>¶</sup>	No change
QN69: 1 the 30 da				who curr	rently d	rank alco	ohol (at	least or	e drink	of alcol	nol, on a 6.8	at least	l day dı 5.0	uring 7.3	No linear change	Not available	No change
QN70: 1 survey)	Percenta	age of st	udents v	who curi	rently u	sed mari	juana (o	one or n	nore tim	es durir	ng the 30 3.3	0 days t 2.4	2.0	ne 3.4	No linear change	Not available	No change
QN71: 1 months l				who wer	e offere	d, sold,	or giver	n an ille	gal drug	g on sch	ool prop	perty (d	uring th	e 12			
											3.4	3.3	2.4	4.4	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.

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Trend Analysis Report

				I	Iealth R	Risk Beh	avior a	nd Pero	centage	s					Linear Change <sup>†</sup>	Quadratic Change <sup><math>\dagger</math></sup>	Change from 2016-2018 <sup>§</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
	Percenta he 12 m					st (for a	check-1	ıp, exan	n, teeth	cleaning	g, or oth	ner dent	al work	,			
													77.3	79.2	No linear change	Not available <sup>¶</sup>	No change
QN73: school y		age of s	tudents	who we	re taugh	t in their	r classes	about t	he dang	ers of to	bacco	use (du	ring the	last			
		age of s	tudents	who we	re taugh	t in their	r classes	about t	he dang		obacco 95.2	use (du: 93.1	ring the 88.7	last 88.5	Decreased, 2013-2018	Not available	No change
QN74:	vear)	age of s	students								95.2	93.1	88.7	88.5	Decreased, 2013-2018	Not available	No change
QN74:	vear) Percenta	age of s	students							chool (s	95.2	93.1	88.7	88.5	Decreased, 2013-2018 No linear change	Not available Not available	No change No change
QN74: Clubs, o	Percenta r student	age of s t gover	tudents nment)	who par	ticipate	in extra	curricula	ar activi	ties at s	chool (s	95.2 uch as 73.5	93.1 sports, 1 70.5	88.7 band, dr 67.7	88.5 ama, 69.2	·		

White\*

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

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Trend Analysis Report

White* Site-Add	ed			ł	Iealth F	Risk Beł	navior a	nd Pero	centage	s					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2016-2018 <sup>§</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QN78: I or fit in	Percent	age of st	udents	who say	definite	ely yes o	or proba	bly yes	that smo	oking m	akes yo	ung peo	ple lool	cool			
											7.1	8.5	6.5	14.0	Increased, 2013-2018	Not available <sup>¶</sup>	Increased
QN79: 1							gly disa	oprove o	of some	one thei	r age ha	ving on	e or two	)			
drinks of	r an aic	onolic b	everage	nearly	every da	iy							86.1	85.9	No linear change	Not available	No change
QN80: 1 them to o											or twice	e a mont	h	for			
											89.6	88.7	87.2	90.1	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.

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Trend Analysis Report

White* Site-Added			H	Health F	tisk Beł	navior a	nd Per	centage	s					Linear Change <sup>†</sup>	Quadratic Change $^{\dagger}$	<b>Change from 2016-2018</b> <sup>§</sup>
1991 199	3 1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	5 2018			
QN81: Perce in other ways												(physic	ally or			
										73.9	73.7	82.9	73.1	No linear change	Not available <sup>¶</sup>	Decreased
QN82: Perce and in other v													ally			
										85.8	82.7	86.1	81.3	No linear change	Not available	Decreased
QN83: Perce to them	ntage of	students	who hav	ve an ad	ult outsi	de of sc	hool the	ey can ta	alk to ab	out thi	ngs that	are imp	ortant			
										92.7	91.3	91.2	92.0	No linear change	Not available	No change
QN84: Perce parents if the							eking he	lp from	one or	more ad	lults be	sides the	eir			
										85.2	83.2	84.0	86.9	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.

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Vhite* ite-Added	d			H	Iealth I	Risk Bel	havior a	and Pero	centage	s					Linear Change <sup>†</sup>	Quadratic Change $^{\dagger}$	Change from 2016-2018 <sup>§</sup>
1991 1	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
1//1								-						_			
QN85: Penad (during						teacher	or other	adult in	n their so		out a pe 31.2	ersonal j 30.3	problem 33.3	n they 35.5	Increased, 2013-2018	Not available <sup>¶</sup>	No chang