Maryland Middle School Survey

Baltimore City

Trend Analysis Report

Total		
Injury	and	Violence

				H	ealth Ri	isk Beha	avior ar	nd Perce	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN6: P bicycle)		ge of stu	idents w	ho rarel	y or nev	ver wore	a bicyc	le helme	et (amor	ng stude	ents who	o had rie	lden a	1			
											85.5	83.9	82.4	80.8	No linear change	Not available [§]	No change
QN7: P students							a helme	et when	rollerbl	ading o	r skateb	oarding	(among	2			
											88.4	84.3	84.7	81.9	Decreased, 2013-2018	Not available	No change
QN8: P	ercentag	ge of stu	idents w	ho rarel	y or nev	ver wore	a seat b	elt (whe	en riding	g in a ca	ır)						
											12.7	10.7	7.5	10.3	No linear change	Not available	Increased

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Trend Analysis Report

				H	ealth R	isk Beha	avior ar	nd Perce	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN9: P	Percentag	ge of stu	dents w	ho ever	rode wi	ith a driv	ver who	had bee	n drinki	ng alco	hol (in	a car)					
											16.9	16.6	17.0	12.6	Decreased, 2013-2018	Not available [§]	Decreased
QN10:	Percenta	age of st	udents	who eve	er carrie	d a weap	oon (suc	h as a g	un, knife	e, or clu					I		
											24.1	22.4	22.7	21.7	No linear change	Not available	No change
QN11:	Percenta	age of st	udents	who wei	re ever i	n a phys	sical figl	ht			72.6	71.5	75.6	70.2	N. Passa lanca	N. (N. I.
											73.6	71.5	75.6	70.2	No linear change	Not available	No change
QN14:	Percenta	age of st	udents	who eve	er seriou	sly thou	ght abo	ut killing	g themse	elves							
											22.8	23.3	27.1	30.5	Increased, 2013-2018	Not available	No change
QN15:	Percenta	age of st	udents	who eve	er made	a plan a	bout hov	w they v	vould ki	ll them	selves						
													18.7	19.0	No linear change	Not available	No change

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Trend Analysis Report

Fotal njury a	nd Violo	ence		н	ealth R	isk Beh	avior ar	nd Perce	entages						Linear Change [*]	Quadratic Change*	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN16:	Percent	age of s	tudents	who eve	er tried t	o kill the	emselve	s					14.3	15.1	No linear change	Not available [§]	No change

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Total Tobacco	Use																
				H	ealth R	isk Beh	avior aı	nd Perc	entages	•					Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN17:	Percent	age of s	tudents	who eve	r tried c	cigarette	smokin	g (even	one or 1	two pufi	Ēs)		12.5	10.1	No linear change	Not available [§]	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 yea	ars (eve	n one or 5.7	5.1	No linear change	Not available	No change
QN19: survey)	Percent	age of s	tudents	who cur	rently s	moked c	eigarette	s (on at	least 1 o	day duri	ng the 3	30 days 4.0	before t	he 1.6	Decreased, 2013-2018	Not available	No change
QNFRC days bet				ents wh	o currer	ntly smo	ked ciga	arettes fi	requentl	y (on 20) or mor 0.7	re days o	during t 0.4	he 30 0.3	No linear change	Not available	No change

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

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Trend Analysis Report

Total	
Tobacco	Use

obacco						Н	ealth R	lisk Beh	avior aı	nd Perc	entages						Linear Change [*]	Quadratic Change*	Change from 2016-2018 [†]
1991	199	3	1995	199	7	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	8		
QNDAY before th				age of	stuc	lents v	who cur	rently sr	noked c	igarettes	daily (on all 30) days d	luring th	ne 30 da	iys			
													0.6	0.2	0.3	0.3	No linear change	Not available [§]	No change
QN21: 1	Perce	ntag	ge of s	tuden	ts w	ho eve	er used a	an electr	onic var	oor prod	uct			17.7	20.0	21.5	No linear change	Not available	No change
QN22: 1 before th				tuden	ts w	ho cur	rently u	ised an e	electroni	c vapor	product	(on at l	east 1 d	ay duri	ng the 3	0 days			
belore u	ne sui	vey)											9.0	4.1	4.5	Decreased, 2014-2018	Not available	No change
QNFRE during th							o curre	ntly use	d electro	onic vap	or produ	icts freq	uently ((on 20 c	or more	days			
														0.7	0.3	0.3	No linear change	Not available	No change

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Trend Analysis Report

Total **Tobacco Use** Health Risk Behavior and Percentages Linear Change* Quadratic Change* **Change from** 2016-2018 * 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QNDAYEVP: Percentage of students who currently used electronic vapor products daily (on all 30 days during the 30 days before the survey) 0.6 0.3 0.3 No linear change Not available§ No change QN24: Percentage of students who currently used smokeless tobacco (chewing tobacco, snuff, dip, snus, or dissolvable tobacco products [such as Copenhagen, Grizzly, Skoal, or Camel Snus], not counting any electronic vapor products, on at least 1 day during the 30 days before the survey) 1.8 3.3 No linear change Not available No change ON25: Percentage of students who currently smoked cigars (cigars, cigarillos, or little cigars, on at least 1 day during the 30 days before the survey) Decreased, 2013-2018 Not available 9.1 7.0 4.5 3.9 No change

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Trend Analysis Report

				He	ealth Ri	isk Beha	avior ar	d Perco	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN26:	Percenta	ige of st	udents v	who eve	r drank	alcohol	(other t	nan a fe	w sips)		32.7	24.1	29.4	22.6	Decreased, 2013-2018	Not available [§]	Decreased
QN27:	Percenta	ige of st	udents v	who dra	nk alcoł	nol for tl	he first t	ime bef	ore age	11 year	s (other 16.0	than a f 9.8	ew sips 12.8) 10.7	No linear change	Not available	No change
	Percenta	-						ime bef	ore age	11 year			_		No linear change Decreased, 2013-2018	Not available Not available	No change No change

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

[§]Not enough years of data to calculate.

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Trend Analysis Report

Total Alcohol and Other Drug Use

			He	ealth Ri	sk Beha	vior an	d Perce	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
tly than	how a d	loctor to														
		,										6.0	8.8	No linear change	Not available [§]	No change
reiceitt		udents	wild eve					ame, m	cluding	6.1	4.5	4.5	3.1	No linear change	Not available	No change
					nhalants	(sniffed	glue, b	reathed	the con	tents of	spray o	cans, or				
51	1	5 0								10.8	6.1	5.1	7.0	Decreased, 2013-2018	Not available	
										10.8	0.1	5.1	7.0	Decreased, 2013 2010	Not available	No change
Percent	age of st	udents v	who eve	r took st	teroids w	vithout a	u doctor	's prescr					7.0			No change
	Percenta tily than odone, an Percenta	Percentage of st tilly than how a d odone, and Perco Percentage of st Percentage of st	Percentage of students of odone, and Percocet) Percentage of students of stude	1993199519971999Percentage of students who evently than how a doctor told them odone, and Percocet)Percentage of students who eventlyPercentage of students who evently	19931995199719992001Percentage of students who ever took p thy than how a doctor told them to use in odone, and Percocet)Percentage of students who ever used c	199319951997199920012003Percentage of students who ever took prescriptionthy than how a doctor told them to use it (counting bodone, and Percocet)Percentage of students who ever used cocaine (aPercentage of students who ever used cocaine (aPercentage of students who ever used inhalants	1993199519971999200120032005Percentage of students who ever took prescription pain atly than how a doctor told them to use it (counting drugs odone, and Percocet)Percentage of students who ever used cocaine (any form Percentage of students who ever used inhalants (sniffed	19931995199719992001200320052007Percentage of students who ever took prescription pain medicinatly than how a doctor told them to use it (counting drugs such a odone, and Percocet)Percentage of students who ever used cocaine (any form of cocPercentage of students who ever used inhalants (sniffed glue, b	Percentage of students who ever took prescription pain medicine withoutly than how a doctor told them to use it (counting drugs such as codeir odone, and Percocet) Percentage of students who ever used cocaine (any form of cocaine, inepercentage of students who ever used inhalants (sniffed glue, breathed	1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 Percentage of students who ever took prescription pain medicine without a doc ntly than how a doctor told them to use it (counting drugs such as codeine, Vico odone, and Percocet) Percentage of students who ever used cocaine (any form of cocaine, including Percentage of students who ever used inhalants (sniffed glue, breathed the con	1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 Percentage of students who ever took prescription pain medicine without a doctor's prescription and Percocet) Percentage of students who ever used intervention of cocaine, including powder Percentage of students who ever used cocaine (any form of cocaine, including powder 6.1 Percentage of students who ever used inhalants (sniffed glue, breathed the contents of	1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 Percentage of students who ever took prescription pain medicine without a doctor's prescription that how a doctor told them to use it (counting drugs such as codeine, Vicodin, Oxycontinodone, and Percocet) Percentage of students who ever used cocaine (any form of cocaine, including powder, crack 6.1 4.5 Percentage of students who ever used inhalants (sniffed glue, breathed the contents of spray of the spray	1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 Percentage of students who ever took prescription pain medicine without a doctor's prescription or ntly than how a doctor told them to use it (counting drugs such as codeine, Vicodin, Oxycontin, odone, and Percocet) 6.0 Percentage of students who ever used cocaine (any form of cocaine, including powder, crack, or free 6.1 4.5 4.5 Percentage of students who ever used inhalants (sniffed glue, breathed the contents of spray cans, or 6.0	1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 Percentage of students who ever took prescription pain medicine without a doctor's prescription or thy than how a doctor told them to use it (counting drugs such as codeine, Vicodin, Oxycontin, Oxycontin, Oxdone, and Percocet) 6.0 8.8 Percentage of students who ever used cocaine (any form of cocaine, including powder, crack, or freebase) 6.1 4.5 4.5 3.1 Percentage of students who ever used inhalants (sniffed glue, breathed the contents of spray cans, or	1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 Percentage of students who ever took prescription pain medicine without a doctor's prescription or thy than how a doctor told them to use it (counting drugs such as codeine, Vicodin, Oxycontin, odone, and Percocet) 6.0 8.8 No linear change Percentage of students who ever used cocaine (any form of cocaine, including powder, crack, or freebase) 6.1 4.5 4.5 3.1 No linear change Percentage of students who ever used inhalants (sniffed glue, breathed the contents of spray cans, or	1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2016 2018 Percentage of students who ever took prescription pain medicine without a doctor's prescription or thy than how a doctor told them to use it (counting drugs such as codeine, Vicodin, Oxycontin, odone, and Percocet) 6.0 8.8 No linear change Not available ⁸ Percentage of students who ever used cocaine (any form of cocaine, including powder, crack, or freebase) 6.1 4.5 3.1 No linear change Not available Percentage of students who ever used inhalants (sniffed glue, breathed the contents of spray cans, or 6.1 4.5 3.1 No linear change Not available

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Trend Analysis Report

Total Sexual Be	ehaviors	s		н	ealth Ri	isk Beh	avior ar	nd Perc	entages	ŀ					Linear Change [*]	Quadratic Change*	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN34:	Percenta	age of s	tudents v	who eve	er had se	xual int	ercourse	2				18.7	13.4	14.8	No linear change	Not available [§]	No change
QN35:	Percenta	age of s	tudents	who hac	l sexual	intercou	rse for t	the first	time be	fore ag	e 11 yea	irs					
												8.0	4.9	5.9	No linear change	Not available	No change
QN36:	Percenta	age of s	tudents	who eve	er had se	xual int	ercourse	e with th	aree or r	nore pe	rsons	7.9	4.5	4.8	Decreased, 2014-2018	Not available	No change

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Trend Analysis Report

				H	ealth Ri	isk Beha	avior ar	d Perc	entages						Linear Change*	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN38:	Percenta	age of st	udents	who des	cribed t	hemselv	ves as sli	ghtly or	r very ov	verweig	ht			-			
											22.8	19.7	24.7	22.5	No linear change	Not available [§]	No change
QN39:	Percenta	age of st	udents	who we	re trying	to lose	weight						<u> </u>				
											43.9	41.8	45.5	43.1	No linear change	Not available	No change
QN40:	Percenta	age of st	udents	who did	not eat	breakfas	st (durin	g the 7	days be	fore the	survey)					
											14.2	12.8	15.9	15.6	No linear change	Not available	No change
QNBK7	DAY: 1	Percenta	ige of st	tudents v	who ate	breakfas	st on all	7 days	(during	the 7 da	ays befo	re the s	urvey)				
											40.7	49.1	40.3	39.8	Decreased, 2013-2018	Not available	No change

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Trend Analysis Report

Total	
Physical Activity	

			H	ealth Ri	sk Beha	avior an	d Perce	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991 1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	201	6 2018	-		
QN41: Percer kind of physic days before th	al activit	y that in		1 2	2							. .	-			
2										39.9	40.3	42.5	38.0	No linear change	Not available [§]	No change
QNPA0DAY: 1 day (in any l during the 7 d	kind of pl	hysical a	ctivity t													
										22.7	24.4	23.8	28.1	No linear change	Not available	No change
QNPA7DAY: kind of physic days before th	al activit	y that in														
										25.1	25.1	27.1	25.7	No linear change	Not available	No change

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Trend Analysis Report

				Н	ealth Ri	isk Beh	avior aı	nd Perco	entages						Linear Change [*]	Quadratic Change*	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QN42:	Percenta	age of st	udents v	who wat	ched tel	levision	3 or mo	re hours	s per da	y (on an	n averag	e schoo	l day)				
											54.5	48.1	47.0	38.2	Decreased, 2013-2018	Not available [§]	Decreased
(countin smartph	Percenta ng time s one, cor school o	spent on nputer, 2	things s	uch as p	olaying	games,	watchin	g videos	s, texting	g, or usi	ter 3 or	more ho al media	ours per	day ir	Decreased, 2013-2018 Increased, 2013-2018	Not available ⁸ Not available	Decreased No change
(countin smartph average	ng time s one, cor	spent on nputer, 2 day)	things s Xbox, P	uch as p layStatio	blaying on, iPad	games, [,] l, or oth	watchin er tablet	g videos , for sor	s, texting nething	g, or usi that wa	ter 3 or ing soci is not sc 44.2	more ho al media shool wo 43.3	ours per a on thei ork, on a 49.4	day ir in 53.2			

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Trend Analysis Report

Total	
Physical Activity	

					Н	lealth R	isk Beh	avior ar	nd Perc	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	199	3	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QNDLY week wł						ho atten	ded phys	sical edu	cation (PE) cla	sses on	all 5 day	ys (in ar	averag	ge			
												10.7	18.0	8.8	14.7	No linear change	Not available [§]	No change
QN45: 1 commun										(countin	ig any to	eams ru	n by the	ir schoo	ol or			
		_			_								53.1	55.6	52.6	No linear change	Not available	No change
QN46: 1 times du							ussion f	rom play	ying a sj	port or b	eing ph	ysically	active	(one or	more			
														23.0	24.7	No linear change	Not available	No change

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Trend Analysis Report

Total Other				н	ealth Ri	isk Beh	avior ar	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN47:	Percent	age of s	tudents	who hac	l ever be	een told	by a doo	ctor or n	urse that	at they h	nad asth	ma	·				
											31.6	31.1	28.8	30.1	No linear change	Not available [§]	No change
QN48:	Percent	age of st	tudents	who got	8 or mo	ore hour	s of slee	ep (on ar	n averag	e schoo	ol night)						
											45.0	50.0	53.6	46.7	No linear change	Not available	Decreased
QN49: before t			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			
												71.8	68.7	68.4	No linear change	Not available	No change

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Trend Analysis Report

Total
Site-Added

				Н	ealth R	isk Beh	avior ar	d Perc	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN52: 1 driving t		age of s	students	who hav	ve ever i	idden in	a car di	riven by	someoi	ne who	was tex	ting wh	ile they	were			
												47.7	51.2	45.2	No linear change	Not available [§]	Decreased
QN54: stopped											eks in a	row so	that the	y			
											27.4	25.5	29.2	29.3	No linear change	Not available	No change
QN55: 1	Percent	age of s	students	who sm	oked a v	whole ci	garette b	efore ag	ge 11 ye	ears (for	the firs	st time)					
											7.7	4.2	2.1	2.2	Decreased, 2013-2018	Not available	No change

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

[§]Not enough years of data to calculate.

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Trend Analysis Report

ite-Added				Н	ealth R	sk Beh	avior ar	nd Perc	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018
1991 19	93 1	995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN59: Perc vapor produ											flavor v	vith an	electron	ic			
													89.5	88.7	No linear change	Not available [§]	No change
QN62: Perc ittle cigar ir				who thin	nk they	lefinitel	y or pro	bably w	vill smol	ke a ciga	arette, c	igar, cig	garillo, o	or			
													13.2	7.9	Decreased, 2016-2018	Not available	Decreased
QN63: Perc flavored smo survey)																	
											7.1	7.0	2.7	1.5	Decreased, 2013-2018	Not available	No change
QN64: Perc the survey)	entage	of stu	dents v	who trie	d or use	d tobac	co produ	icts for	the first	time (d	uring th	e 12 mo	onths be	fore			
												9.4	4.6	1.9	Decreased, 2014-2018	Not available	Decreased

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Trend Analysis Report

Total Site-Adde	ed																
				H	ealth Ri	isk Beha	avior ar	nd Perc	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN66: 1	Percenta	age of s	tudents	who live	e with so	omeone	who nov	w smoke	es cigare	ettes or	cigars 52.8	50.0	46.1	41.7	Decreased, 2013-2018	Not available [§]	No change
QN67: 1 anywher									le their l	home is	that sn	noking i	s not all	owed			
													67.9	72.4	Increased, 2016-2018	Not available	No change
QN68: 1 during th					re in the	same ro	oom witl	h someo	one who	was sn	noking	(on at le	ast one	day			
													27.9	23.7	No linear change	Not available	No change
QN69: 1 the 30 da				who cur	rently d	rank alc	ohol (at	least or	e drink	of alcol	hol, on	at least	1 day dı	uring			
											15.2	11.7	10.1	11.1	Decreased, 2013-2018	Not available	No change

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				He	ealth Ri	sk Beha	avior ar	nd Perce	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN70: survey)	Percenta	age of st	udents v	who curi	rently us	sed mari	juana (o	one or n	nore tim	es durii	ng the 3	0 days t	before th	ie			
											14.4	14.2	8.9	9.4	Decreased, 2013-2018	Not available [§]	No change
	Percenta before tl			who wer	e offere	d, sold,	or giver	n an ille	gal drug	on sch	ool pro	perty (d	uring th	e 12			
			y)								· · ·		0				
			y)							-	6.9	6.4	4.1	5.7	No linear change	Not available	No change
		age of st	udents v			st (for a	check-1	ıp, exan	n, teeth		6.9	6.4	4.1	5.7	No linear change	Not available	No change
QN72: during t		age of st	udents v			st (for a	check-ı	ıp, exan	n, teeth		6.9	6.4	4.1	5.7	No linear change	Not available Not available	No change
during th	he 12 m	age of st onths be	udents v fore the	survey)					cleanin	6.9 g, or oth	6.4	4.1 al work, 61.6	5.7 59.3			

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Trend Analysis Report

Total
Site-Added

				Н	ealth Ri	sk Beha	wior an	d Perce	entages						Linear Change [*]	Quadratic Change*	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN74: 1 clubs, or				who par	ticipate	in extrac	curricula	ar activit	ties at so	chool (s	such as	sports,	band, dr	ama,			
											55.4	59.1	58.0	51.6	No linear change	Not available [§]	No change
QN77: 1	Percent	age of s	tudents	who say	definite	ly yes o	r probał	oly yes t	hat you	ng peop	ole who	smoke	have m	ore	,		
friends											51.7	49.2	44.5	42.8	Decreased, 2013-2018	Not available	No change
QN78: 1 or fit in	Percent	age of s	tudents	who say	definite	ly yes o	r probał	oly yes t	hat smc	oking m	akes yo	oung pe	ople loo	k cool			
or ne m											32.7	29.5	19.9	20.4	Decreased, 2013-2018	Not available	No change
QN79: 1 drinks of							gly disap	prove o	of some	one thei	r age h	aving o	ne or tw	0			
ut litks 0.			everage		every da	у							72.2	72.2	No linear change	Not available	No change

Maryland Middle School Survey

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Trend Analysis Report

Total Site-Adde	ed			H	ealth Ri	isk Beh	avior aı	nd Perc	entages	5					Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	3 2014	2010	5 2018	8		
QN80: them to														g for			
											87.2	88.2	89.0	87.4	No linear change	Not available [§]	No change
QN81: in other													(physic	ally or			
											52.2	52.4	67.2	60.6	Increased, 2013-2018	Not available	No change
QN82: and in o														ally			

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Trend Analysis Report

Total
Site-Added

				H	ealth Ri	sk Beha	avior an	d Perce	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN83: to them	Percenta	age of s	tudents	who hav	ve an adı	ılt outsio	le of sch	nool the	y can ta	lk to ab	out thir	igs that	are imp	ortant			
											80.0	79.5	82.5	78.4	No linear change	Not available [§]	No change
	Percenta if they h							king he	lp from	one or i	more ac 76.8	lults bes 77.9	ides the 79.4	ir 80.9	No linear change	Not available	No change
QN85:		ad an ir	nportant tudents	t questic	on affect	ing their	life				76.8	77.9	79.4	80.9	No linear change	Not available	No change
QN85:	if they h	ad an ir	nportant tudents	t questic	on affect	ing their	life				76.8	77.9	79.4	80.9	No linear change No linear change	Not available Not available	No change No change
QN85: nad (dur QN86:	if they h	ad an in age of s 12 mon	nportant tudents ths befo	t questic	ted to a fired to a fi	ing their	or other	adult in	their sc	chool ab	76.8 pout a p 37.8	77.9 ersonal 36.5	79.4 problem 37.8	80.9 n they 38.9			

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Trend Analysis Report

Male		
Injury	and	Violence

ijui y an				H	ealth Ri	sk Beha	wior an	d Perce	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN6: P bicycle)		ge of st	udents w	ho rarel	y or nev	er wore	a bicyc	le helme	et (amor	ng stude	ents who	o had ri	lden a				
											84.8	85.6	85.1	82.8	No linear change	Not available [§]	No change
QN7: P students							a helme	et when	rollerbl	ading o	r skateb	oarding	(amon	g			
											88.4	87.2	84.9	83.0	Decreased, 2013-2018	Not available	No change
QN8: P	ercenta	ge of st	udents w	ho rarel	y or nev	er wore	a seat b	elt (whe	en riding	g in a ca							
											13.4	13.5	8.3	10.4	No linear change	Not available	No change
QN9: P	ercenta	ge of st	udents w	vho ever	rode wi	th a driv	er who	had bee	n drinki	ng alco	hol (in	a car)					
											15.8	13.0	13.7	9.7	No linear change	Not available	Decreased

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

[§]Not enough years of data to calculate.

Maryland Middle School Survey

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Trend Analysis Report

				H	ealth Ri	isk Beh	avior an	d Perc	entages						Linear Change*	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN10:	Percenta	age of st	udents	who eve	er carried	d a wear	oon (suc	h as a g	un, knife		ıb) 28.5	28.7	28.3	28.0	No linear change	Not available [§]	No change
QN11:	Percenta	age of st	udents	who we	re ever i	n a phys	sical figh	nt			81.9	80.5	83.2	78.8	No linear change	Not available	No change
QN14:	Percenta	age of st	udents	who eve	er seriou	sly thou	ght abou	ıt killin	g themse	elves	18.3	15.3	19.6	23.5	Increased, 2013-2018	Not available	No change
QN15:	Percenta	age of st	udents	who eve	er made	a plan a	bout hov	v they v	vould ki	ll thems	selves		13.7	12.6	No linear change	Not available	No change
QN16:	Percenta	age of st	udents	who eve	er tried to	o kill the	emselve	5					10.4	10.9	No linear change	Not available	No change

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Trend Analysis Report

				H	ealth Ri	sk Beha	avior ar	d Perc	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	8		
QN17:	Percenta	age of st	udents	who eve	r tried c	igarette	smokin	g (even	one or t	wo puff	Ēs)		12.5	9.3	No linear change	Not available [§]	No change
QN18: puffs)	Percenta	age of st	udents	who trie	d cigare	tte smol	cing for	the first	t time be	efore ag	e 11 ye	ars (eve	n one or 5.5	r two 4.9	No linear change	Not available	No change
QN19: survey)	Percenta	age of st	udents v	who cur	rently si	noked c	igarette	s (on at	least 1 c	lay duri	ng the 3	30 days 3.9	before t	he 1.6	Decreased, 2013-2018	Not available	No change
QNFRC days bet			of stud	ents who	o curren	tly smol	ked ciga	rettes fr	equentl	y (on 20) or mor 0.8	re days	during t 0.6	he 30 0.5	No linear change	Not available	No change

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Trend Analysis Report

Male	
Tobacco	Use

						Не	alth Ri	sk Beh	avior ar	nd Perce	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	199	3	1995	1997	/ 19	999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QNDAY before th				ge of	stude	nts w	ho curr	ently sn	noked ci	garettes	daily (o	on all 30) days d	uring th	ne 30 da	ys			
													0.6	0.3	0.6	0.5	No linear change	Not available [§]	No change
QN21: 1	Perce	entaş	ge of s	tudents	s who) ever	used a	n electro	onic var	or prod	uct			17.3	19.5	21.2	No linear change	Not available	No change
QN22: 1				tudents	s who	o curr	ently us	sed an e	lectroni	c vapor	product	(on at l	east 1 d	ay duri	ng the 3	0 days			
		·												8.5	3.9	4.9	Decreased, 2014-2018	Not available	No change
QNFRE during th							o currer	tly used	l electro	nic vapo	or produ	cts freq	uently ((on 20 c	or more	days			_
														0.9	0.5	0.6	No linear change	Not available	No change

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Trend Analysis Report

				H	ealth Ri	isk Beh	avior aı	nd Perc	entages	5					Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	8		
QNDAY the 30 d				udents v	who cur	rently us	sed elec	tronic v	apor pro	oducts d	aily (on	all 30 c	ays dur	ing			
												0.7	0.4	0.5	No linear change	Not available [§]	No change
QN24: dissolva vapor pr	ble toba	icco pro	ducts [si	uch as C	Copenha	gen, Gri	izzly, Sk	coal, or	Camel S					nic			
dissolva	ble toba	icco pro	ducts [si	uch as C	Copenha	gen, Gri	izzly, Sk	coal, or	Camel S					nic 2.1	No linear change	Not available	No change
dissolva	ble toba roducts, Percenta	age of st	ducts [si ast 1 day	uch as C y during who cur	Copenha the 30	gen, Gri days bet	izzly, Sk fore the	coal, or survey)	Camel S	Snus], n	ot count	ing any	electro 2.0	2.1	No linear change	Not available	No change

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

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Trend Analysis Report

				He	ealth Ri	isk Beha	avior an	d Perc	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN26: I	Percenta	ge of st	udents v	who eve	r drank	alcohol	(other tl	nan a fe	w sips)								
											30.4	21.5	25.0	21.2	No linear change	Not available [§]	No change
QN27: I	Percenta	ge of st	udents v	vho drai	nk alcoł	nol for tl	ne first t	ime bef	ore age	11 year	s (other	than a f	ew sips)			
											17.1	10.2	10.4	10.3	No linear change	Not available	No change
QN28: I	Percenta	ge of st	udents v	who eve	r used n	narijuan	а										
QN28: I	Percenta	ge of st	udents v	who eve	r used n	narijuan	a				19.3	16.5	10.7	11.9	Decreased, 2013-2018	Not available	No change
QN28: I QN29: I						-						16.5	10.7	11.9	Decreased, 2013-2018	Not available	No change

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

[§]Not enough years of data to calculate.

Maryland Middle School Survey

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Trend Analysis Report

Male Alcohol and Other Drug Use

				Н	ealth Ri	sk Beha	wior an	d Perce	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
	tly than	how a	doctor to	who eve old them													
19 01 0 0 0	uone, u												6.7	7.3	No linear change	Not available [§]	No change
											7.4	5.3	4.7	3.6	No linear change	Not available	No change
				who eve		nhalants	(sniffed	l glue, b	reathed	the con	tents of	f spray c	ans, or		·		
nhaled a	any pai	nts or sj	prays to	get high)						11.1	5.8	4.2	6.4	Decreased, 2013-2018	Not available	No change
QN33: 1	Percent	age of s	students	who eve	er took st	teroids v	vithout a	a doctor	's presci	ription (pills or	shots)			, ,		
											9.1	5.5	3.3	3.4	Decreased, 2013-2018	Not available	No change

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Trend Analysis Report

Sexual B	ehaviors	5		\mathbf{H}_{0}	ealth Ri	isk Beh	avior ar	nd Perc	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN34:	Percenta	ige of st	udents v	who eve	r had se	xual int	ercourse	e				32.0	24.3	22.9	Decreased, 2014-2018	Not available [§]	No change
QN35:	Percenta	ige of st	udents v	who had	l sexual	intercou	urse for	the first	time be	fore age	e 11 yea	ırs					
												14.7	7.8	9.4	Decreased, 2014-2018	Not available	No change
QN36:	Percenta	ige of st	udents v	who eve	r had se	xual int	ercourse	e with th	nree or n	nore per	rsons	13.8	8.7	8.6	No linear change	Not available	No change

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Trend Analysis Report

				H	ealth Ri	isk Beh	avior ar	nd Perc	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN38:	Percenta	age of st	udents	who des	cribed t	hemselv	ves as sli	ghtly oi	r very ov	verweig	ht						
											17.3	15.9	23.6	21.4	Increased, 2013-2018	Not available [§]	No change
QN39:	Percenta	age of st	udents	who we	re trying	g to lose	weight										
											37.4	36.5	40.7	39.7	No linear change	Not available	No change
QN40:	Percenta	age of st	udents	who did	not eat	breakfa	st (durin	ig the 7	days be	fore the	survey)			· · · · · · · · · · · · · · · · · · ·		
											13.3	15.3	14.1	14.9	No linear change	Not available	No change
QNBK	7DAY:	Percenta	ige of st	udents v	who ate	breakfa	st on all	7 days	(during	the 7 da	iys befo	ore the s	urvey)				

Maryland Middle School Survey

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Trend Analysis Report

Male
Physical Activity

				H	ealth Ri	isk Beha	avior ar	nd Perc	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	3 201	4 201	5 2018	-		
kind of j	Percenta physical fore the s	activity															
											47.1	44.3	44.1	42.4	No linear change	Not available [§]	No change
1 day (ii	DAY: F n any kin he 7 day	nd of ph	ysical a	ctivity t													
											21.2	24.0	22.2	24.9	No linear change	Not available	No change
kind of j	DAY: I physical	activity															
days bef	fore the	survey)															

Maryland Middle School Survey

Baltimore City

Trend Analysis Report

				H	ealth Ri	sk Beha	avior ar	nd Perco	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	1		
QN42:	Percenta	age of st	udents v	who wat	ched tel	evision	3 or mo	ore hours	s per da	y (on an	average	e school	l day)				
											51.6	43.8	43.9	36.4	Decreased, 2013-2018	Not available [§]	Decreased
QN43: (countin smartph average	ig time s one, cor	pent on nputer, 2	things s	uch as j	olaying	games, v	watching	g videos	, texting	g, or usi	ng socia	ıl media	on the	ir			
											44.4	44.0	50.7	55.8	Increased, 2013-2018	Not available	No change
						• 1	1	n (DE) a	100000 0	n 1 or n		e (in an	overag	0	·		
QN44: week wl					nded ph	iysical e	ducation	II (PE) C	lasses o		nore day	s (m an	averag	C			

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

Male

Maryland Middle School Survey

Baltimore City

Trend Analysis Report

Male
Physical Activity

		Н	ealth R	isk Beha	avior an	d Perco	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991 1993 19	995 19	07 1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QNDLYPE: Perce week when they we			no attend	led phys	sical edu	cation (PE) cla	sses on	all 5 da	ys (in ar	ı averaş	ge			
									11.0	17.3	8.6	15.1	No linear change	Not available [§]	No change
QN45: Percentage community groups,							countin	ig any to	eams ru	n by the	ir scho	ol or			
										59.7	58.1	58.0	No linear change	Not available	No change
QN46: Percentage times during the 12				ussion fr	rom play	ving a sp	oort or b	eing ph	iysically	active	(one or	more			
unies during the 12															

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Trend Analysis Report

Male Other				н	ealth R	isk Beh	avior ai	nd Perc	entages						Linear Change [*]	Quadratic Change*	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QN47: I	Percenta	age of st	udents	who hac	l ever be	een told	by a do	ctor or r	nurse tha	at they l	nad asth	ma					
											31.5	33.4	31.4	32.4	No linear change	Not available [§]	No change
QN48: I	Percenta	age of st	udents	who got	8 or mo	ore hour	s of slee	ep (on ai	n averag	ge schoo	ol night)						
											43.7	48.5	50.7	42.1	No linear change	Not available	Decreased
QN49: I	Percent	age of st	udents	who des	cribed t	heir ora	des in so	chool as	mostly	A's or I	B's (duri	ng the	2 mont	hs			
before th			adoms	who des	enoeu e	nen gru		211001 us	mostry	110 01 1	b 5 (ddii	ing the	2 11011				
												67.7	63.8	63.7	No linear change	Not available	No change

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Trend Analysis Report

Male
Site-Added

					Healtl	ı Risl	k Beha	vior an	nd Perc	entages	;					Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	7 199	9 20	01 2	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN52: driving	Percenta the car	age of s	student	s who ł	ave ev	er rid	lden in	a car di	riven by	someo	ne who	was tex	ting wł	ile they	were			
-													41.2	44.2	40.5	No linear change	Not available [§]	No change
ON54:	Dorconte																	
stopped											>=2 wee /ey)	eks in a 21.8		that the 23.4	y 21.7	No linear change	Not available	No change
	doing so	ome us	sual act	ivities,	ever dı	uring 1	the 12	months	before	the surv	vey)	21.8	17.5		-	No linear change	Not available	No change
stopped	doing so	ome us	sual act	ivities,	ever dı	uring 1	the 12	months	before	the surv	vey)	21.8	17.5		-	No linear change Decreased, 2013-2018	Not available Not available	No change No change
stopped	doing so Percenta Percenta	age of a	sual act	s who s	ever du moked	a wh	the 12	months garette b	before before a	the surv	vey) ears (for	21.8 the firs 9.3	17.5 st time) 4.4	23.4	21.7			

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Trend Analysis Report

Male Site-Added Health Risk Behavior and Percentages Linear Change* Quadratic Change* **Change from** 2016-2018 * 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 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) 9.7 8.0 2.3 1.6 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) 8.6 4.1 1.9 Decreased, 2014-2018 Not available No change QN66: Percentage of students who live with someone who now smokes cigarettes or cigars 47.7 47.6 44.6 42.2 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) 69.3 75.1 No linear change Not available No change

Maryland Middle School Survey

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Trend Analysis Report

Male
Site-Added

				He	ealth Ri	sk Beha	ivior an	d Perce	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
	Percenta he 7 day			who wer vey)	e in the	same ro	om with	n someo	ne who	was sm	oking (on at le	ast one	day			
C				•									25.9	21.2	No linear change	Not available [§]	No change
-	Percenta lays befo	0		who curi	rently dr	ank alco	ohol (at	least on	e drink	of alcoh	nol, on a 14.2	at least	l day du 8.3	uring 10.1	No linear change	Not available	No change
QN70: survey)		age of st	udents v	who curi	rently us	sed mari	juana (c	one or m	ore tim	es durin	g the 30	0 days b	efore th	ne			
											16.3	15.5	9.3	10.9	Decreased, 2013-2018	Not available	No change
														. 10			
-	Percenta before the	0		who wer	e offere	d, sold,	or giver	an illeg	gal drug	g on scho	ool prop	perty (di	iring th	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

Baltimore City

Trend Analysis Report

Male
Site-Added

ne-Adde				H	ealth Ri	sk Beha	wior an	d Perce	entages						Linear Change [*]	Quadratic Change*	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	5 2018	3		
QN72: P during th						st (for a	check-u	ıp, exam	n, teeth	cleaning	g, or oth	ner dent	al work	,			
													64.7	60.9	No linear change	Not available [§]	No change
QN73: P school ye		age of s	tudents	who wei	re taugh	t in their	classes	about tl	ne dang	ers of to	bacco	use (du	ring the	last			
sensor ye											49.3	52.7	43.2	42.2	Decreased, 2013-2018	Not available	No change
QN74: P clubs, or				who par	ticipate	in extrac	curricula	r activit	ties at s	chool (s	uch as s	sports,	band, dr	ama,			
											60.4	55.7	57.1	54.2	No linear change	Not available	No change
QN77: P friends	Percenta	age of s	tudents	who say	definite	ly yes o	r probał	oly yes t	hat you	ng peop	ole who	smoke	have m	ore			
											49.8	45.2	43.7	42.5	No linear change	Not available	No change

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

[§]Not enough years of data to calculate.

Maryland Middle School Survey

Baltimore City

Trend Analysis Report

Male
Site-Added

				Н	ealth Ri	isk Beha	avior an	Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]							
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
N78: F r fit in	Percenta	age of st	udents	who say	definite	ely yes o	r probał	oly yes t	hat smc	king m	akes yo	ung pec	ple lool	cool			
											36.0	28.8	20.7	21.7	Decreased, 2013-2018	Not available [§]	No change
					newhat o		gly disar	prove o	of some	one thei	r age ha	ving on	e or two)			
													70.5	70.5	No linear change	Not available	No change
					ponded t									for			
		, wiii	e, or nu	u nquoi	(such u	5 VOURU	whiste	y, or gi	ii) ut ieu	st onee	84.5	87.3	88.4	84.1	No linear change	Not available	No change

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

[§]Not enough years of data to calculate.

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Trend Analysis Report

Male Site-Added				н	ealth R	isk Beh	avior aı	nd Perc	entages	5					Linear Change [*]	Quadratic Change*	Change from 2016-2018 [†]
1991 19	.993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN81: Per in other wa													(physic	ally or			
											49.9	48.1	65.2	57.9	Increased, 2013-2018	Not available [§]	No change
QN82: Per and in other														ally			
											56.1	52.9	68.9	60.7	Increased, 2013-2018	Not available	Decreased
QN83: Per to them	rcentag	ge of st	udents	who hav	ve an ad	ult outsi	de of sc	hool the	ey can ta	alk to ab	oout thin	ngs that	are imp	ortant			
											80.1	77.2	80.7	77.6	No linear change	Not available	No change
QN84: Per parents if th								eking he	elp from	one or	more ad	dults be	sides the	eir			
											74.4	73.8	77.7	82.0	Increased, 2013-2018	Not available	No change

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

Maryland Middle School Survey

Baltimore City

Trend Analysis Report

Male
Site-Added

				H	ealth Ri	isk Beh	avior aı	nd Perc	entages	5					Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QN85: I had (duri		0				teacher	or other	adult in	their s	chool at	oout a pe	ersonal	problem	they			
	-										35.5	32.2	31.9	36.0	No linear change	Not available [§]	No change
QN86: I a lot of e			udents v	who stro	ongly ag	ree or a	gree tha	t their te	eachers	really c	are abou	it them	and give	e them			
											65.2	70.4	64.4	64.6	No linear change	Not available	No change

Maryland Middle School Survey

Baltimore City

Trend Analysis Report

Female Injury an	nd Viole	ence															
				Н	ealth R	isk Beh	avior aı	nd Perc	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN6: P bicycle)		ge of stı	idents w	who rarel	y or nev	ver wore	a bicyc	le helm	et (amoi	ng stude	ents who	o had ric	lden a				
											86.1	82.3	79.5	77.9	No linear change	Not available [§]	No change
QN7: P students							a helm	et when	rollerbl	ading o	r skateb	oarding	(among	g			
						,					88.1	81.7	85.0	81.4	No linear change	Not available	No change
QN8: P	ercenta	ge of stu	idents w	who rarel	y or nev	ver wore	a seat b	oelt (wh	en riding	g in a ca	ar)	i					
											11.7	7.9	6.8	10.2	No linear change	Not available	No change
QN9: P	ercenta	ge of stu	udents w	vho ever	rode wi	ith a driv	ver who	had bee	en drink	ing alco	hol (in	a car)					
											18.3	20.5	20.3	15.3	No linear change	Not available	No change

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

[§]Not enough years of data to calculate.

Maryland Middle School Survey

Baltimore City

Trend Analysis Report

				Н	ealth Ri	isk Beh	avior ar	d Perc	Health Risk Behavior and Percentages													
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_							
QN10:	Percenta	ige of st	udents	who eve	er carried	d a wear	oon (suc	h as a g	un, knife	e, or clu	າb) 19.2	15.6	16.9	14.4	No linear change	Not available [§]	No change					
QN11:	Percenta	ige of st	udents	who we	re ever i	in a phys	sical figl	nt			64.8	62.4	68.0	61.2	No linear change	Not available	No change					
QN14:	Percenta	ige of st	udents	who eve	er seriou	sly thou	ght abo	ıt killin	g themse	elves	27.6	31.6	34.6	37.7	Increased, 2013-2018	Not available	No change					
QN15:	Percenta	ige of st	udents	who eve	er made	a plan a	bout how	w they v	vould kil	ll thems	selves		23.9	25.2	No linear change	Not available	No change					
QN16:	Percenta	ige of st	udents	who eve	er tried t	o kill th	emselve	S					18.1	18.9	No linear change	Not available	No change					

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

Maryland Middle School Survey

Baltimore City

Trend Analysis Report

'emale 'obacco	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	201	8		
QN17:	Percent	age of s	tudents	who eve	r tried c	igarette	smokin	g (even	one or	two puff	fs)		12.5	10.7	No linear change	Not available [§]	No change
QN18: puffs)	Percent	age of s	tudents	who trie	d cigare	tte smol	king for	the firs	t time b	efore ag	e 11 ye	ars (eve	n one o 5.6	r two 5.2	No linear change	Not available	No change
QN19: survey)	Percent	age of s	tudents	who cur	rently si	noked c	igarette	s (on at	least 1	day duri	ng the 3	30 days 3.7	before 1	the 1.2	Decreased, 2013-2018	Not available	No change
QNFRC days bef				ents who	o curren	tly smol	ked ciga	arettes fi	requentl	y (on 20) or mo 0.6	re days	during t	he 30	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

Baltimore City

Trend Analysis Report

Female	
Tobacco Use	

				Н	ealth Ri	sk Beh	avior ar	nd Perc	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QNDAY before th			ge of st	udents v	vho curr	ently sn	noked ci	igarettes	daily (on all 30) days d	uring tl	ne 30 da	ys			
		-									0.6	0.1	0.0	0.0	Not available	Not available [§]	Not available
QN21: I	Percent	age of s	tudents	who eve	er used a	n electro	onic var	oor prod	uct			18.0	20.2	21.3	No linear change	Not available	No change
QN22: I before th			tudents	who cur	rently u	sed an e	lectroni	c vapor	product	(on at l	east 1 d	ay duri	ng the 3	0 days			
												9.0	3.9	3.8	Decreased, 2014-2018	Not available	No change
QNFRE during th					o currer	ntly used	l electro	onic vap	or produ	icts freq	uently (on 20 c	or more	days			
												0.5	0.1	0.0	Not available	Not available	Not available

Maryland Middle School Survey

Baltimore City

Trend Analysis Report

		Health Risk Behavior and Percentages									Linear Change*	Quadratic Change [*]	Change from 2016-2018				
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
		Percenta		udents v	who cur	rently us	sed elect	ronic va	apor pro	ducts da	aily (on	all 30 d	ays duri	ng			
												0.5	0.1	0.0	Not available	Not available [§]	Not available
												0.5	0.1			Not available	i tot uvunuoie
dissolva	ble toba		ducts [si	uch as C	openha	gen, Gri	izzly, Sk	toal, or (co, snuff ot counti	, dip, sn	ius, or	iic			
dissolva	ble toba	icco pro	ducts [si	uch as C	openha	gen, Gri	izzly, Sk	toal, or (, dip, sn	ius, or	iic 4.6	Increased, 2016-2018	Not available	Increased
dissolva vapor pr QN25:	ble toba oducts, Percenta	on at lea	ducts [si ast 1 day	uch as C y during who curi	Copenha the 30	gen, Gri days bef	izzly, Sk fore the	toal, or (survey)	Camel S	Snus], no		, dip, sn ing any	uus, or electron 1.6	4.6			

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

Maryland Middle School Survey

Baltimore City

Trend Analysis Report

Alcohol a	and Oth	er Drug	g Use	H	ealth R	isk Beh	avior ar	nd Perc	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN26:	Percenta	age of st	udents	who eve	er drank	alcohol	(other tl	nan a fe	w sips)		34.8	26.5	33.8	24.1	Decreased, 2013-2018	Not available [§]	Decreased
QN27:	Percenta	age of st	udents	who dra	nk alcol	hol for tl	he first t	ime bef	ore age	11 year	rs (other	than a t	few sips)			
											15.1	9.3	15.2	11.1	No linear change	Not available	Decreased
QN28:	Percenta	age of st	udents	who eve	er used r	narijuan	a	· · ·		·							
											13.1	14.5	12.4	10.8	No linear change	Not available	No change
QN29:	Percenta	age of st	udents	who trie	d marijı	uana for	the first	time be	efore ag	e 11 ye	ars 2.6	4.4	3.3	4.0	No linear change	Not available	No change

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

[§]Not enough years of data to calculate.

Maryland Middle School Survey

Baltimore City

Trend Analysis Report

Female			
Alcohol and	Other	Drug	Use

1991	1993								entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
	1995	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN30: P differentl hydrocod	ly than I	how a d	loctor to														
nyaroeoa	ione, un												5.3	10.5	Increased, 2016-2018	Not available [§]	Increased
QN31: P	Percenta	ige of st	tudents	who eve	r used c	ocaine (a	any forn	n of coc	aine, in	cluding	powder	r, crack,	or free	base)			
		0								C	4.7	3.4	4.4	2.4	No linear change	Not available	No change
QN32: P inhaled a						nhalants	(sniffed	l glue, b	reathed	the con	tents of	spray c	ans, or				,
		-									10.4	6.4	6.0	7.7	No linear change	Not available	No change
QN33: P	Percenta	ige of st	tudents	who eve	er took st	teroids w	vithout a	a doctor'	's presci	ription (pills or	shots)					
											3.1	2.9	2.7	2.3	No linear change	Not available	No change

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

Maryland Middle School Survey

Baltimore City

Trend Analysis Report

Female Sexual Bo	ehavior	s	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			
QN34:	Percenta	age of si	tudents	who eve	r had se	exual int	ercourse	:				6.4	3.9	7.2	No linear change	Not available [§]	No change
QN35:	Percenta	age of st	tudents	who had	l sexual	intercou	rse for t	he first	time be	fore ag	e 11 yea	rs					
												1.6	2.5	2.6	No linear change	Not available	No change
QN36:	Percenta	age of st	tudents	who eve	r had se	exual int	ercourse	with th	nree or r	nore pe	rsons	1.8	0.9	1.2	No linear change	Not available	No change

Maryland Middle School Survey

Baltimore City

Trend Analysis Report

Female Weight N	Manager	nent an	ıd Dieta	-		isk Beh	avior ar	nd Perc	entages						Linear Change [*]	Quadratic Change*	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	•		
QN38:	Percenta	age of st	tudents	who des	cribed t	hemselv	ves as sli	ghtly or	very o	verweig	ht	1					
											28.3	23.9	25.6	23.7	No linear change	Not available [§]	No change
QN39:	Percenta	age of st	tudents	who we	re trying	g to lose	weight										
											50.4	47.3	50.0	46.2	No linear change	Not available	No change
QN40:	Percenta	age of st	tudents	who did	not eat	breakfa	st (durin	ig the 7	days be	fore the	survey)					
											15.0	10.5	17.5	16.7	No linear change	Not available	No change
QNBK	7DAY:	Percenta	age of st	udents v	who ate	breakfa	st on all	7 days	(during	the 7 da	iys befo	ore the s	urvey)				
											36.2	45.5	32.5	33.9	Decreased, 2013-2018	Not available	No change

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

Maryland Middle School Survey

Baltimore City

Trend Analysis Report

Female
Physical Activity

Hea	llth Risk Beha	vior and Perc	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991 1993 1995 1997 1999	2001 2003	2005 2007	2009	2011	2013	2014	2010	5 2018	3		
QN41: Percentage of students who were kind of physical activity that increased th days before the survey)											
					32.7	36.1	41.1	33.5	No linear change	Not available [§]	Decreased
QNPA0DAY: Percentage of students wh 1 day (in any kind of physical activity tha during the 7 days before the survey)											
				2	24.0	24.9	24.6	31.6	Increased, 2013-2018	Not available	Increased
- · · · · · · · · ·		11		•	1	on all '	7 dove (in only			
QNPA7DAY: Percentage of students wh kind of physical activity that increased th days before the survey)											

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

Maryland Middle School Survey

Baltimore City

Trend Analysis Report

				He	ealth Ri	sk Beh	avior ar	nd Perc	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN42:	Percenta	age of st	udents v	who wat	ched tel	evision	3 or mo	ore hour	s per day	y (on an	averag	e schoo	l day)				
											57.5	52.7	49.9	40.1	Decreased, 2013-2018	Not available [§]	Decreased
											57.5	52.1	.,,,,	1011	Decreased, 2015 2010		
(countin smartph	Percentang time s	pent on nputer,	things s	such as p	olaying	games,	watchin	g videos	s, texting	g, or usi	ter 3 or ng soci s not sc	more he al media hool wo	ours per a on thei ork, on a	day r n			
(countin smartph	ng time s ione, cor	pent on nputer,	things s	such as p	olaying	games,	watchin	g videos	s, texting	g, or usi	ter 3 or ng soci	more heal media	ours per	day r	Increased, 2013-2018	Not available	No change
(countin smartph average QN44:	ng time s ione, cor	age of st	things s Xbox, P	such as p layStati	olaying on, iPad	games, [,]	watchin er tablet	g videos , for sor	s, texting nething	g, or usi that wa	ter 3 or ng soci s not sc 44.0	more ho al media hool wo 43.0	ours per a on thei ork, on a 48.5	day r n 50.7			No change

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

[§]Not enough years of data to calculate.

Maryland Middle School Survey

Baltimore City

Trend Analysis Report

Female
Physical Activity

		H	ealth Ri	isk Beha	avior ar	nd Perce	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991 1993 199	5 1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QNDLYPE: Percent week when they were			io attenc	led phys	sical edu	cation (PE) cla	sses on	all 5 day	ys (in ar	averag	ge			
									10.4	18.7	8.8	14.6	No linear change	Not available [§]	No change
QN45: Percentage o community groups, c							(countir	ig any te	eams ru	n by the	ir schoo	ol or			
										46.3	53.0	47.2	No linear change	Not available	No change
QN46: Percentage o times during the 12 r				ussion fi	rom play	ving a sp	port or b	eing ph	ysically	active	(one or	more			
											21.4	21.8	No linear change	Not available	No change

Maryland Middle School Survey

Baltimore City

Trend Analysis Report

Female Other				Н	ealth R	isk Beh	avior aı	nd Perc	entages	i i					Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		2010-2010
QN47:	Percenta	age of st	tudents	who had	l ever be	een told	by a do	ctor or r	nurse tha	at they l	nad asth	ma					
											31.8	28.9	26.7	27.5	No linear change	Not available [§]	No change
QN48:	Percenta	age of st	tudents	who got	8 or mo	ore hour	s of slee	ep (on ai	n averag	ge schoo	ol night)			·			
											46.6	51.5	56.4	51.1	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 I	B's (duri	ng the 1	12 mont	hs			
												76.8	72.9	73.1	No linear change	Not available	No change

Maryland Middle School Survey

Baltimore City

Trend Analysis Report

Female
Site-Added

te-Add				H	ealth Ri	sk Beha	wior an	d Perce	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QN52: driving		age of st	tudents	who hav	e ever r	idden in	a car dr	iven by	someor	ne who	was text	ing whi	le they	were			
												54.5	58.7	49.9	No linear change	Not available [§]	Decreased
						nopeless g the 12					eks in a 1 33.5	row so 33.8	that they 35.0	36.9	No linear change	Not available	No change
stopped	doing s	ome usu	al activ	ities, evo	er during	g the 12	months	before	the surv	rey)		33.8			No linear change	Not available	No change
stopped	doing s	ome usu	al activ	ities, evo	er during	g the 12	months	before	the surv	rey)	33.5	33.8		36.9	No linear change Decreased, 2013-2018	Not available Not available	No change No change
QN55: QN62:	doing s	age of stage of stage	tudents	ities, eve	er during	g the 12	months garette b	before ag	the surv ge 11 ye	ears (for	33.5 the first	33.8 time) 3.4	35.0	36.9 1.9			

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

Maryland Middle School Survey

Baltimore City

Trend Analysis Report

Female Site-Adde	ed																
				Н	ealth R	isk Beh	avior ar	d Perc	entages						Linear Change [*]	Quadratic Change*	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN63: 1 flavored survey)																	
											4.5	5.4	2.9	1.5	Decreased, 2013-2018	Not available [§]	No change
QN64: 1 the surve		age of s	tudents	who trie	ed or use	ed tobaco	co produ	icts for	the first	time (d	uring th	ie 12 mo	onths be	efore			
												9.8	5.1	1.7	Decreased, 2014-2018	Not available	Decreased
QN66:]	Percent	age of s	tudents	who live	e with so	omeone	who no	w smok	es cigar	ettes or	cigars						
											57.8	52.5	48.0	40.9	Decreased, 2013-2018	Not available	No change
QN67: 1 anywher									le their I	home is	that sm	oking is	s not al	lowed			
													66.2	69.6	No linear change	Not available	No change

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

Maryland Middle School Survey

Baltimore City

Trend Analysis Report

Female Site-Add	ed																
				H	ealth Ri	sk Beh	avior ar	nd Perc	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN68: during t					re in the	same ro	oom wit	h someo	one who	was sm	oking (on at le	ast one	day			
													29.7	25.7	No linear change	Not available [§]	No change
QN69: the 30 d				who cur	rently d	rank alc	ohol (at	least or	ne drink	of alcol	nol, on a	at least	1 day d	uring			
											16.3	12.0	11.7	11.8	No linear change	Not available	No change
QN70: survey)	Percenta	ige of st	udents v	who cur	rently u	sed mar	ijuana (o	one or n	nore tim	es durir	ig the 3	0 days t	before t	ne			
											12.0	12.3	8.2	7.8	Decreased, 2013-2018	Not available	No change
QN71: months				who we	re offere	d, sold,	or give	n an ille	gal drug	g on sch	ool proj	perty (d	uring th	e 12			
											6.2	5.7	3.3	6.2	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.

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Trend Analysis Report

Female	
Site-Added	

				H	ealth Ri	sk Beha	avior an	d Perce	entages						Linear Change*	Quadratic Change [*]	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
				who saw e survey	v a denti)	st (for a	check-u	ıp, exan	n, teeth	cleaning	g, or oth	ner dent	al work	,			
													58.6	58.0	No linear change	Not available [§]	No change
		age of s	tudents	who we	re taugh	t in their	classes	about t	he dang	ers of to	bacco	use (du	ing the	last			- i
chool y	ear)				0				C		59.1	52.4	43.1	49.5	Decreased, 2013-2018	Not available	No change
					ticipate						59.1	52.4	43.1	49.5	Decreased, 2013-2018	Not available	No change
QN74:	Percenta				_					chool (s	59.1	52.4	43.1	49.5	Decreased, 2013-2018 No linear change	Not available Not available	No change No change
QN74: lubs, o	Percenta r studen	t govern	nment)	who par	_	in extrac	curricula	ar activi	ties at s	chool (s	59.1 uch as 50.3	52.4 sports, 7 62.8	43.1 pand, dr 59.1	49.5 ama, 48.7			

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

Maryland Middle School Survey

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Trend Analysis Report

Female
Site-Added

				H	ealth Ri	isk Beha	avior an	d Perco	entages						Linear Change*	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QN78: Pe or fit in	ercenta	ige of st	udents	who say	definite	ely yes o	r probał	oly yes t	hat smc	king m	akes yo	ung peo	ple look	cool			
											29.5	30.2	18.9	19.1	Decreased, 2013-2018	Not available [§]	No change
QN79: Pe drinks of a							gly disap	prove o	of some	one their	r age ha	ving on	e or two)			
													73.7	74.3	No linear change	Not available	No change
QN80: Pe them to di														for			,

 *Based on trend 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

Baltimore City

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	007 2009 2011 2013	3 2014	2016	2018	3		
QN81: Percentage of students who think people are at moderate in other ways) if they have one or two drinks of alcohol (beer, w			(physic	ally or			
	54.9	56.7	68.8	62.9	Increased, 2013-2018	Not available [§]	No change
QN82: Percentage of students who think people are at moderate and in other ways) if they have five or more drinks of alcohol (b				ally			
	55.6	58.1	66.4	64.8	Increased, 2013-2018	Not available	No change
QN83: Percentage of students who have an adult outside of sch to them	l they can talk to about the	ings that	are imp	ortant			
	80.1	82.3	84.2	79.2	No linear change	Not available	No change
QN84: Percentage of students who would feel comfortable seek parents if they had an important question affecting their life	g help from one or more a	adults be	sides the	eir			
	79.3	82.3	80.5	79.9	No linear change	Not available	

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

Maryland Middle School Survey

Baltimore City

Trend Analysis Report

Female
Site-Added

				Н	ealth Ri	isk Beh	avior aı	nd Perc	entages						Linear Change [*]	Quadratic Change*	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN85: Pe had (durin		0				teacher	or other	adult ir	their so	chool ab	oout a po	ersonal	problem	they			
											40.3	40.8	42.3	41.6	No linear change	Not available [§]	No change
QN86: Pe a lot of en			udents v	who strc	ongly ag	gree or a	gree tha	t their te	eachers	really ca	are abou	it them	and give	e them			
											66.7	68.5	66.4	63.8	No linear change	Not available	No change

Maryland Middle School Survey

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Trend Analysis Report

				Н	lealth R	lisk Beh	avior a	nd Perc	entage	8					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN6: F bicycle)		ge of stu	dents w	ho rarel	y or nev	er wore	a bicyc	le helme	et (amor	ng stude	ents who) had ri	dden a				
											88.1	87.1	85.8	85.4	No linear change	Not available [¶]	No change
	ercentag who us						a helme	et when	rollerbl	ading o	r skateb	oarding	; (among	g			
											89.8	85.8	85.4	84.4	No linear change	Not available	No change
QN8: F	ercentag	ge of stu	dents w	ho rarel	y or nev	er wore	a seat b	elt (whe	en riding	g in a ca	ur)						
-											12.2	11.8	7.2	10.5	No linear change	Not available	Increased
-											12.2	11.0	,.2	10.0			mercased
	ercentag	ge of stu	dents w	ho ever	rode wi	th a driv	er who	had bee	n drinki	ng alco							Increased

Black*

*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

Baltimore City

Trend Analysis Report

Black* Injury a	nd Viol	ence		F	Iealth R	Risk Beh	avior a	nd Pero	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN10:	Percent	age of s	tudents	who eve	er carried	d a weap	oon (suc	h as a g	un, knife	e, or clu	ıb) 23.5	21.8	22.2	21.5	No linear change	Not available [¶]	No change
QN11:	Percent	age of s	tudents	who we	re ever i	n a phys	sical figl	nt			76.7	74.1	80.7	76.1	No linear change	Not available	No change
QN14:	Percent	age of s	tudents	who eve	er seriou	sly thou	ght abou	ıt killin	g thems	elves	24.2	23.0	26.6	32.5	Increased, 2013-2018	Not available	No change
QN15:	Percent	age of s	tudents	who eve	er made	a plan al	bout how	w they w	vould ki	ll them	selves		18.4	19.0	No linear change	Not available	No change
QN16:	Percent	age of s	tudents	who eve	er tried to	o kill the	emselve	S					14.0	16.4	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.

Maryland Middle School Survey

Baltimore City

Trend Analysis Report

Black* Tobacco) Use			H	Health F	Risk Beh	navior a	nd Pero	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	i		
QN17:	Percent	age of s	tudents	who eve	er tried c	igarette	smokin	g (even	one or t	two puff	ŝ)		12.6	9.8	No linear change	Not available [¶]	No change
QN18: puffs)	Percent	age of s	tudents	who trie	ed cigare	ette smol	king for	the firs	t time bo	efore ag	e 11 ye	ars (eve	en one or 4.8	5.2	No linear change	Not available	No change
QN19: survey)		age of s	tudents	who cur	rently si	moked c	igarette	s (on at	least 1 d	day duri	ng the 3	30 days 3.5	before t	he 1.4	Decreased, 2013-2018	Not available	No change
QNFRC days be				ents wh	o curren	itly smol	ked ciga	arettes fi	equentl	y (on 20) or mor 0.4	re days 0.1	during t	he 30 0.3	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.

Maryland Middle School Survey

Baltimore City

Trend Analysis Report

Black* Tobacco	Use			I	Iealth F	tisk Beł	navior a	nd Pero	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	201	8		
QNDAY before th			age of st	udents v	who curr	ently sn	noked ci	garettes	daily (on all 30) days d	luring th	ne 30 da	iys			
											0.3	0.1	0.0	0.3	Not available	Not available [¶]	Not available
QN21: 1	Percent	age of s	tudents	who eve	er used a	n electro	onic vap	or prod	uct			<u> </u>					
												16.4	18.9	20.9	Increased, 2014-2018	Not available	No change
QN22: 1 before th			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			
												8.3	3.7	3.5	Decreased, 2014-2018	Not available	No change
QNFRE during th					o currer	ntly used	l electro	nic vap	or produ	icts freq	uently ((on 20 c	or more	days			
J		-		•								0.4	0.2	0.2	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

Baltimore City

Trend Analysis Report

Black* Tobacco	Use			H	lealth R	tisk Beł	navior a	nd Perc	centage	5					Linear Change [†]	Quadratic Change †	Change from 2016-2018 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QNDAY the 30 da				udents v	vho curi	rently us	sed elect	tronic va	apor pro	ducts da	aily (on	all 30 d 0.4	ays dur 0.2	ing 0.2	No linear change	Not available [¶]	No change
QN24: dissolva vapor pr	ble toba	cco pro	ducts [su	uch as C	openha	gen, Gri	zzly, Sk	coal, or (nic 3.8	Increased 2016 2018	Not available	Increased
QN25:	Percents	age of st	udents y	who cur		noked c	igars (c	igars ci	marillos	or little	cigars	on at le			Increased, 2016-2018	Not available	Increased
during th					citty SI	noked e	15a15 (C.	igars, ei	5011108,	, or nuic	8.9	6.8	3.7	3.9	Decreased, 2013-2018	Not available	No change

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

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Trend Analysis Report

		ner Dru		H	lealth R	Risk Beh	avior a	nd Pero	centage	S					Linear Change [†]	Quadratic Change †	Change from 2016-2018 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QN26:	Percenta	age of st	udents v	who eve	r drank	alcohol	(other tl	nan a fe	w sips)	;	33.3	24.2	28.8	24.1	Decreased, 2013-2018	Not available¶	No change
QN27:	Percenta	age of st	udents v	who dra	nk alcoł	nol for th	ne first t	ime bef	ore age	11 year	s (other	than a f	ew sips)			
											16.3	9.5	12.7	11.2	No linear change	Not available	No change
QN28:	Percenta	age of st	udents v	who eve	r used n	narijuan	a				16.1	15.8	11.8	12.0	Decreased, 2013-2018	Not available	No change

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

Maryland Middle School Survey

Baltimore City

Trend Analysis Report

Black*		
Alcohol and	Other Drug Us	se

		8	Н	lealth R	isk Beh	avior a	nd Perc	centages	5					Linear Change †	Quadratic Change [†]	Change from 2016-2018 [§]
1991 1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN30: Percent differently than hydrocodone, a	how a d	octor to														
-												6.0	9.2	No linear change	Not available [¶]	No change
QN31: Percent	tage of st	udents v	who eve	r used c	ocaine (any forr	n of coc	aine, in	cluding	powde	r, crack,	or freel	base)			· · · · · · · · · · · · · · · · · · ·
										6.0	4.4	3.7	3.6	No linear change	Not available	No change
QN32: Percent inhaled any pai					nhalants	(sniffed	l glue, b	reathed	the con	itents of	f spray c	ans, or		· · · · ·		
			,							10.8	5.5	4.7	6.8	No linear change	Not available	No change
QN33: Percent	tage of st	udents v	who eve	r took st	teroids v	vithout a	a doctor	's prescr	iption (pills or	shots)					
										6.0	4.3	2.6	2.6	Decreased, 2013-2018	Not available	No change

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

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Trend Analysis Report

Black* Sexual F	Behavio	rs		H	Iealth F	tisk Beł	avior a	nd Pero	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN34:	Percenta	age of s	tudents	who eve	er had se	xual int	ercourse	;				20.1	14.8	16.9	No linear change	Not available [¶]	No change
QN35:	Percenta	age of s	tudents	who hac	l sexual	intercou	rse for t	he first	time be	fore age	e 11 yea	ırs					
												8.7	5.5	6.8	No linear change	Not available	No change
QN36:	Percenta	age of s	tudents	who eve	er had se	xual int	ercourse	with th	nree or n	nore pei	rsons	8.0	4.5	5.3	No linear change	Not available	No change

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

Maryland Middle School Survey

Baltimore City

Trend Analysis Report

				H	lealth R	isk Beh	avior a	nd Perc	centage	5					Linear Change [†]	Quadratic Change †	Change from 2016-2018 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN38:	Percenta	ige of st	udents v	who des	cribed tl	nemselv	es as sli	ghtly or	very ov	verweig	ht 22.9	19.1	25.6	21.4	No linear change	Not available¶	No change
QN39:	Percenta	ige of st	udents v	who wei	e trying	to lose	weight				43.9	41.5	47.1	43.7	No linear change	Not available	No change
QN40:	Percenta	ige of st	udents v	who did	not eat	breakfas	st (durin	g the 7	days bet	fore the	survey)					·
											14.3	13.1	14.9	16.6	No linear change	Not available	No change
QNBK7	DAY: I	Percenta	ige of st	udents v	who ate	breakfas	st on all	7 days (during	the 7 da	iys befo	re the s	urvey)				
											41.3	47.7	40.0	38.1	Decreased, 2013-2018	Not available	No change

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

Maryland Middle School Survey

Baltimore City

Trend Analysis Report

Black*	
Physical Activity	

Health Risk Behavior and Percentage	es				Linear Change †	Quadratic Change †	Change from 2016-2018 §
1991 1993 1995 1997 1999 2001 2003 2005 2007 2009	2011 2013	3 2014	2016	5 2018			
QN41: Percentage of students who were physically active at least 60 minutes kind of physical activity that increased their heart rate and made them breathe days before the survey)							
	38.9	39.9	42.6	36.5	No linear change	Not available [¶]	Decreased
QNPA0DAY: Percentage of students who did not participate in at least 60 m 1 day (in any kind of physical activity that increased their heart rate and made during the 7 days before the survey)							
	23.6	25.4	23.6	29.6	No linear change	Not available	Increased
QNPA7DAY: Percentage of students who were physically active at least 60 kind of physical activity that increased their heart rate and made them breathed ays before the survey)							
	24.5	24.7	27.5	25.0	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

Baltimore City

Trend Analysis Report

				E	Iealth F	Risk Beł	avior a	nd Per	centage	s					Linear Change [†]	Quadratic Change ^{\dagger}	Change from 2016-2018 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
2N42:	Percent	age of s	tudents	who wat	tched te	levision	3 or mo	ore hour	s per da	y (on an	averag	e schoo	l day)				
											56.6	51.2	50.2	41.3	Decreased, 2013-2018	Not available [¶]	Decreased
countin smartph average	ng time s one, con school	spent on mputer, day)	tudents things Xbox, F	such as j layStati	playing on, iPac	games, v l, or othe	watchin er tablet	g videos	s, texting nething	g, or usi that wa	ng socia s not sc 45.9	al media hool wo 42.8	a on the ork, on a 51.8	ir in 54.1	Increased, 2013-2018	Not available	No change
countin smartph average QN44:	ng time s one, con school Percent	spent on mputer, day) age of s	things s	such as j PlayStati	playing on, iPac	games, v l, or othe	watchin er tablet	g videos	s, texting nething	g, or usi that wa	ng socia s not sc 45.9	al media hool wo 42.8	a on the ork, on a 51.8	ir in 54.1	Increased, 2013-2018	Not available	No chang

Black*

*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

Baltimore City

Trend Analysis Report

				H	lealth R	lisk Beh	avior a	nd Pero	entage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
	PE: Pe				o attenc	led phys	ical edu	cation (PE) cla	sses on	all 5 da	ys (in ar	averag	e			
WEEK WI	nen they	were in	i school,)							11.6	20.3	9.3	17.2	No linear change	Not available [¶]	No chang
	Percenta nity grou								countin	ig any te	eams ru	-			Na linear chorae	Net concileble	Nashara
												52.3	56.3	52.4	No linear change	Not available	No chang
								•			voicelly	active	one or	more			
	Percenta tring the					ussion fi	om play	ing a sp	ort or b	eing ph	ysically	active		linoite			

Black*

Maryland Middle School Survey

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Trend Analysis Report

Black* Other				E	lealth R	lisk Beł	navior a	nd Pero	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QN47:	Percenta	age of st	tudents	who had	l ever be	en told	by a doo	ctor or n	urse tha	at they h	ad asth 32.4	ma 32.9	30.4	33.7	No linear change	Not available [¶]	No change
QN48:	Percenta	age of st	tudents v	who got	8 or mo	ore hour	s of slee	p (on ar	1 averag	e schoo	l night) 44.6	48.6	53.0	45.3	No linear change	Not available	Decreased
QN49: before th			tudents	who des	cribed t	heir grad	des in sc	hool as	mostly	A's or H	3's (duri	ng the 1 72.0	2 mont 67.5	hs 69.0	No linear change	Not available	No change

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Trend Analysis Report

Black* Site-Add	ed																
				E	Iealth F	Risk Beł	navior a	nd Pero	centage	s					Linear Change [†]	Quadratic Change †	Change from 2016-2018 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	8		
QN52: F driving th		ige of st	tudents	who hav	ve ever r	idden in	a car di	riven by	someor	ne who	was tex	ting wh	ile they	were			
6												47.3	51.4	47.2	No linear change	Not available [¶]	No change
QN54: F stopped c											eks in a	row so	that the	y			
											27.3	24.3	29.8	30.2	No linear change	Not available	No change
QN55: F	Percenta	ige of st	tudents	who smo	oked a v	whole ci	garette l	before a	ge 11 ye	ears (for	the firs	st time)					·
											7.5	3.7	1.4	1.9	Decreased, 2013-2018	Not available	No change
QN62: F little ciga				who thir	nk they o	definitel	y or pro	bably w	ill smol	ke a ciga	arette, c	cigar, ci	garillo,	or			
													13.1	8.1	Decreased, 2016-2018	Not available	Decreased

Black*

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

Maryland Middle School Survey

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Trend Analysis Report

Site-Add				Н	lealth R	tisk Beł	navior a	nd Pero	centage	s					Linear Change [†]	Quadratic Change †	Change from 2016-2018 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
	Percenta smokel																
,, ,, , , , , , , , , , , , , ,											6.8	6.8	2.4	1.6	Decreased, 2013-2018	Not available [¶]	No change
	Percenta	ige of st	udents v	who trie	d or use	d tobaco	co produ	icts for t	the first	time (d	uring th	e 12 mo	onths be	fore			
		ige of st	udents v	who trie	d or use	d tobaco	co produ	acts for t	the first	time (d	uring th	e 12 mo 8.9	onths be	fore 1.6	Decreased, 2014-2018	Not available	Decreased
the surv															Decreased, 2014-2018	Not available	Decreased
the surv	ey)														Decreased, 2014-2018 Decreased, 2013-2018	Not available Not available	Decreased No chang
he surv QN66: 	ey)	age of st	udents v	who live	with so	omeone	who nov	w smoke	es cigare	ettes or	cigars 53.8	8.9 50.4	5.0 49.1	1.6 43.9			

*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

				Н	ealth R	isk Beh	avior a	nd Pero	centage	s					Linear Change [†]	Quadratic Change †	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN68: 1 during th					e in the	same ro	om with	n somec	one who	was sm	oking	(on at le	ast one	day			
													29.3	23.8	No linear change	Not available [¶]	No change
				who curr	ently di	ank alco	ohol (at	least on	e drink	of alcol	nol, on 14.7	at least 11.4	1 day d 9.3	uring 11.6	No linear change	Not available	No change
he 30 da	iys befo	bre the s	urvey)	who curr							14.7	11.4	9.3	11.6	No linear change	Not available	No change
he 30 da	iys befo	bre the s	urvey)								14.7	11.4	9.3	11.6	No linear change Decreased, 2013-2018	Not available Not available	No change No change
he 30 da QN70: 1 Survey)	Percenta	age of s	urvey) rudents v		rently us	sed mari	juana (c	one or m	nore tim	es durin	14.7 ng the 3 13.6	11.4 0 days t 14.2	9.3 pefore the second s	11.6 ne 10.2			

Black*

*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

Black* Site-Added			Н	lealth R	lisk Beł	navior a	and Pero	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 [§]
1991 1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN72: Percer during the 12					st (for a	check-1	up, exan	n, teeth	cleaning	g, or otł	ner dent	al work	,			
												61.4	57.9	No linear change	Not available [¶]	No change
QN73: Percer school year)	tage of s	tudents	who wer	e taught	t in their	r classes	about t	he dang	ers of to	obacco 55.1	use (dui 52.1	ring the 44.1	last 45.5	Decreased, 2013-2018	Not available	No change
QN74: Percer clubs, or stude			who part	icipate	in extra	curricul	ar activi	ties at s	chool (s	such as	sports, l	oand, di	ama,			
										56.3	59.5	58.1	50.8	No linear change	Not available	No change
QN77: Percer friends	tage of s	tudents	who say	definite	ely yes c	or proba	bly yes	that you	ng peop	ole who	smoke	have m	ore			
										55.4	52.3	49.0	44.8	Decreased, 2013-2018	Not available	No change

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

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Trend Analysis Report

Black* Site-Add	led			F	Iealth F	Risk Bel	navior a	nd Pero	centage	s					Linear Change †	Quadratic Change †	Change from 2016-2018 [§]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	5 2018	3		
QN78: 1 or fit in	Percenta	age of st	tudents	who say	definite	ely yes o	or proba	bly yes	that smo	oking m	akes yo	oung peo	ople loo	k cool			
											34.3	31.7	21.8	21.2	Decreased, 2013-2018	Not available [¶]	No change
QN79:							gly disa	oprove o	of some	one thei	r age ha	aving or	ne or tw	0			
drinks o	i an aice	onone b	everage	nearly 6	every da	ly							72.5	71.9	No linear change	Not available	No change
QN80: Them to														, for			
											88.2	88.3	90.9	87.8	No linear change	Not available	No change

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Black* Site-Added													
	Health	n Risk Beh	avior a	nd Pero	centage	S					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 [§]
1991 1993 1995 199	7 1999 200	1 2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN81: Percentage of studen in other ways) if they have or									(physic	ally or			
							52.6	51.0	67.4	61.0	Increased, 2013-2018	Not available [¶]	No change
QN82: Percentage of studen and in other ways) if they hav										ally			
							54.3	52.9	68.3	62.1	Increased, 2013-2018	Not available	No change
QN83: Percentage of studen	ts who have an a	adult outsid	le of sch	nool the	y can ta	ılk to ab	out thin	igs that	are imp	ortant			
to them									1	ortunt			
to them					5		80.9	78.5	83.8	77.6	No linear change	Not available	Decreased
QN84: Percentage of studen parents if they had an import	s who would fe int question affe	el comforta	ible see			one or			83.8	77.6	No linear change	Not available	Decreased

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

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lack* ite-Add	ed				Не	ealth R	tisk Bel	navior a	and Pero	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	199	07 19	99 2	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN85: H nad (duri							teacher	or other	adult ir	n their s	chool ab	oout a pe 37.4	ersonal 38.1	problen 38.5	n they 40.6	No linear change	Not available [¶]	No chang
	Percenta	12 mor	nths be	efore th	e surv	vey)						37.4	38.1	38.5	40.6	No linear change	Not available [¶]	No chang

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Hispanic	
Injury and	Violence

	Health Risk Behavior and Percentages														Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN8: P	Percentag	ge of stu	idents w	ho rarel	y or nev	ver wore	a seat b	elt (whe	en riding	g in a ca	ur) 25.0	5.9	13.0	12.2	No linear change	Not available [§]	No change
QN15:	Percenta	age of st	tudents	who eve	er made	a plan al	bout hov	w they v	vould ki	ll thems	selves		19.9	27.0	No linear change	Not available	No change