Maryland Middle School Survey Baltimore County Trend Analysis Report

Total **Injury and Violence Health Risk Behavior and Percentages** Linear Change* Quadratic Change* Change from 2016-2018 [†] 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 QN6: Percentage of students who rarely or never wore a bicycle helmet (among students who had ridden a bicycle) 62.2 Decreased, 2013-2018 73.6 65.9 68.1 Not available§ No change QN7: Percentage of students who rarely or never wore a helmet when rollerblading or skateboarding (among students who used rollerblades or rode a skateboard) 77.4 71.6 71.3 68.6 No linear change Not available No change QN8: Percentage of students who rarely or never wore a seat belt (when riding in a car)

7.2

6.7

6.1

6.8

No linear change

Not available

No change

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

[§]Not enough years of data to calculate.

Maryland Middle School Survey Baltimore County Trend Analysis Report

				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		
QN9: P	ercentaș	ge of stu	ıdents w	ho ever	rode wi	ith a driv	er who	had bee	n drinki	ng alco	hol (in	a car)					
											18.4	16.3	17.2	14.0	Decreased, 2013-2018	Not available [§]	No change
QN10: 1	Percenta	age of s	tudents	who eve	er carrie	d a wear	oon (suc	h as a g	un, knif	e, or clu							;
											26.0	23.3	28.9	23.0	No linear change	Not available	Decreased
QN11: 1	Percenta	age of s	tudents	who we	re ever i	n a phys	sical figl	nt			57.7	51.7	57.8	46.9	Decreased 2012 2019	Not available	Decreased
											31.1	31.7	31.6	40.9	Decreased, 2013-2018	not available	Decreased
QN14: 1	Percenta	age of s	tudents	who eve	er seriou	sly thou	ght abou	ıt killin	g thems	elves	20.0	17.6	22.0	22.5	1	N. (7.1.1.	NIl
											20.0	17.6	23.8	23.5	Increased, 2013-2018	Not available	No change
QN15: 1	Percenta	age of s	tudents	who eve	er made	a plan a	bout hov	v they v	vould ki	ll them:	selves		15 1	141	No linear change	Not available	No abanga
													15.1	14.1	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.

Total Injury a	nd Vi	ioleı	nce															
					Н	ealth R	isk Beh	avior aı	nd Perc	entages						Linear Change [*]	Quadratic Change*	Change from 2016-2018 [†]
1991	199	93	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN16:	Perce	enta	ge of st	udents	who eve	er tried t	o kill the	emselve	s				,	8.4	9.2	No linear change	Not available [§]	No change

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

[§]Not enough years of data to calculate.

Maryland Middle School Survey Baltimore County Trend Analysis Report

Fobacco [*]	Use			Н	ealth R	isk Beh	avior ar	nd Perc	entages	ı					Linear Change*	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN17:	Percent	age of s	tudents	who eve	r tried c	cigarette	smokin	g (even	one or t	two puff	rs)		8.5	4.6	Decreased, 2016-2018	Not available [§]	Decreased
QN18: puffs)	Percent	age of s	tudents	who trie	d cigare	ette smo	king for	the firs	t time b	efore ag	e 11 ye	ars (eve	n one or	two 3.0	No linear change	Not available	No change
QN19: survey)	Percent	age of s	tudents	who cur	rently si	moked c	eigarette	s (on at	least 1 o	day duri	ng the 3	30 days 3.0	before t	he 1.0	Decreased, 2013-2018	Not available	No change
QNFRC days bef				ents who	o curren	ntly smo	ked ciga	rettes fi	equentl	y (on 20	0.8	re days	during t	0.0	Not available	Not available	Not available

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

[§]Not enough years of data to calculate.

Maryland Middle School Survey Baltimore County Trend Analysis Report

Tobacco 1	Use																
				Н	ealth R	isk Beha	avior aı	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QNDAY before th			age of st	udents v	who curi	ently sn	oked c	igarettes	daily (on all 30	0 days d	luring tl	ne 30 da	ıys			
											0.5	0.3	0.1	0.0	Not available	Not available [§]	Not available
QN21: 1	Percent	age of s	students	who eve	er used a	ın electro	onic var	or prod	uct								
												16.8	20.8	19.4	No linear change	Not available	No change
QN22: I before the			students	who cur	rently u	sed an e	lectroni	c vapor	product	(on at l	east 1 d	ay duri	ng the 3	0 days			
												7.9	5.2	6.5	No linear change	Not available	No change
QNFRE during the					no currei	ntly used	l electro	nic vap	or produ	icts freq	uently ((on 20 d	or more	days			
		,										0.7	0.4	0.6	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 County Trend Analysis Report

			Н	ealth Ri	isk Beha	avior an	nd Perce	entages						Linear Change*	Quadratic Change*	Change from 2016-201
1991 1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
)NDAYEVP:	Damaant															

1.7

2.2

QN25: Percentage of students who currently smoked cigars (cigars, cigarillos, or little cigars, on at least 1 day during the 30 days before the survey)

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)

3.5 1.8 Decreased, 2013-2018 Not available No change 3.8 3.0

Not available

No linear change

Total

No change

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

[§]Not enough years of data to calculate.

Total Alcohol a	and Oth	er Druş	g Use	Н	ealth R	isk Beh	avior ar	nd Perc	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN26:	Percent	age of s	tudents	who eve	er drank	alcohol	(other t	han a fe	w sips)		24.6	16.7	23.8	19.0	No linear change	Not available [§]	No change
QN27:	Percent	age of s	tudents	who dra	nk alcol	hol for t	he first t	ime bef	ore age	11 year	s (other	than a	few sips)	,		•
											12.2	8.2	11.6	10.3	No linear change	Not available	No change
QN28:	Percent	age of s	tudents	who eve	er used n	marijuan	a				8.6	7.2	8.3	6.2	No linear change	Not available	No change
QN29:	Percent	age of s	tudents	who trie	d mariji	uana for	the first	time be	efore ag	e 11 yea	ars 2.6	3.5	2.7	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.

[§]Not enough years of data to calculate.

				Н	ealth R	isk Beh	avior ar	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
differen		how a c	doctor to	who eve										•			
<i>y</i>			,										4.3	7.2	Increased, 2016-2018	Not available [§]	Increased
QN31:	Percenta	age of s	tudents	who eve	er used o	cocaine (any for	m of coo	caine, in	cluding	powde	r, crack,	or freel	oase)	· · · · · · · · · · · · · · · · · · ·		
QN31:	Percenta	age of s	tudents	who eve	er used o	cocaine (any for	m of coo	caine, in	cluding	powde 3.2	r, crack,	or freel	pase)	Decreased, 2013-2018	Not available	Decreased
QN32:	Percenta	age of s	tudents	who eve	er used i			,		_	3.2	3.5	4.5		Decreased, 2013-2018	Not available	Decreased
QN32:	Percenta	age of s	tudents	who eve	er used i			,		_	3.2	3.5	4.5		Decreased, 2013-2018 Decreased, 2013-2018	Not available Not available	Decreased Decreased
QN32: inhaled	Percenta any pair	age of s	tudents orays to	who eve	er used i)	nhalants	(sniffed	d glue, t	preathed	the con	3.2 Intents of 9.9	3.5 spray c	4.5	1.8	·		,

^{*}Based on trend analyses using a logistic regression model controlling 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 County Trend Analysis Report

Sexual Bo	ehaviors	S		Н	ealth Ri	isk Beha	avior an	d Perce	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN34:	Percenta	age of st	udents v	who eve	er had se	xual inte	ercourse	:				8.0	7.6	6.4	No linear change	Not available [§]	No change
QN35:	Percenta	age of st	udents v	who had	l sexual	intercou	ırse for t	he first	time be	fore age	e 11 yea	rs					
												3.5	2.7	2.3	No linear change	Not available	No change
QN36:	Percenta	age of st	tudents v	who eve	er had se	xual into	ercourse	with th	ree or n	nore pei	rsons	3.0	2.2	1.8	No linear change	Not available	No change

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

[§]Not enough years of data to calculate.

				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			
QN38:	Percenta	age of st	udents	who des	cribed t	hemselv	es as sli	ghtly or	very ov	verweig	ght			-			
											26.0	23.4	25.8	24.0	No linear change	Not available§	No change
QN39:	Percenta	age of st	udents	who we	re trying	to lose	weight				-	-	-				
											44.7	43.7	42.4	42.7	No linear change	Not available	No change
QN40:	Percenta	age of st	udents	who did	not eat	breakfa	st (durin	g the 7	days be	fore the	survey)	•		,		
											10.5	8.4	8.6	12.3	No linear change	Not available	No change
QNBK7	DAY:	Percenta	ige of st	udents v	who ate	breakfa	st on all	7 days	(during	the 7 da	ays befo	ore the s	urvey)		+-		
											46.6	54.1	46.9	47.3	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.

Fotal Physical	Activity	7		Н	ealth R	isk Beh	avior ar	nd Perc	entages						Linear Change*	Quadratic Change [*]	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN41: kind of j days bef	physical	activity	y that in														
											52.5	53.5	46.5	49.6	No linear change	Not available§	No change
QNPA0 1 day (in during t	n any ki	nd of ph	iysical a	ctivity t													
											11.6	11.4	14.0	13.9	No linear change	Not available	No change
QNPA7 kind of j	physical	activity	y that in														
-		•									30.8	32.8	27.5	27.7	Decreased, 2013-2018	Not available	No change

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

[§]Not enough years of data to calculate.

				Н	ealth Ri	sk Beha	ovior an	d Perce	entages						Linear Change [*]	Quadratic Change*	Change from 2016-201
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN42:]	Percenta	age of st	udents v	who wat	ched tel	evision	3 or mo	re hours	s per day	y (on an	n averag	e schoo	l day)				
											46.5	36.7	36.1	24.4	Decreased, 2013-2018	Not available§	Decrease
countin martph	g time s	spent on mputer,	things s	uch as p	yed vide blaying g on, iPad	games, v	vatching	videos	, texting	g, or usi	ing soci	al media	a on the	ir	No linear change	Not available	No chan
countin martphoverage	g time sone, conschool of	spent on mputer, day)	things s Xbox, P	uch as playStation	olaying g	games, v	watching er tablet,	videos for son	, texting	g, or usi that wa	ing socials not so	al media hool wo	a on the ork, on a	ir an 47.1	No linear change	Not available	No chan

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

[§]Not enough years of data to calculate.

Maryland Middle School Survey Baltimore County Trend Analysis Report

				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	-		
QNDLY week wh					o attend	ded phys	sical edu	ication ((PE) cla	sses on	all 5 day	ys (in a	n averag	ge			
											31.3	16.1	10.1	22.9	No linear change	Not available [§]	No change
QN45:									(countin	ig any te	eams ru	n by the	eir schoo	ol or			
												61.2	55.4	57.2	No linear change	Not available	No change
QN46: 1						ussion f	rom play	ying a s _l	port or b	eing ph	ysically	active	(one or	more			
													19.4	17.6	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.

Total Other																	
				Н	ealth Ri	sk Beha	avior ar	d Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	5 2018	_		
QN47: 1	Percenta	age of s	tudents	who had	l ever be	en told	by a doo	ctor or n	urse tha	at they l	had asth	ma					
											24.8	20.7	20.5	21.4	No linear change	Not available [§]	No change
QN48: 1	Percenta	age of s	tudents	who got	8 or mo	ore hours	s of slee	p (on ar	n averag	e schoo	ol night)	1					
											52.8	59.3	53.9	54.2	No linear change	Not available	No change
QN49: 1 before the			tudents	who des	cribed t	heir grad	des in sc	thool as	mostly	A's or	B's (dur	ing the	12 mon	ths			
		• /										80.5	76.8	76.1	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.

Total Site-Add	ed			Н	ealth Rì	isk Beha	avior ar	ıd 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		2010-2010
QN52:		age of s	tudents	who hav	e ever r	idden in	a car di	riven by	someo	ne who	was tex	ting wh	ile they	were			
driving	uie cai											49.2	58.1	46.2	Decreased, 2014-2018	Not available [§]	Decreased
QN54: stopped											eks in a	row so	that the	у			,
											26.1	23.2	26.0	25.4	No linear change	Not available	No change
QN55:	Percenta	age of s	tudents	who sm	oked a v	vhole ci	garette b	pefore ag	ge 11 ye	ears (for	the firs	t time)					+
											3.2	2.1	2.3	1.1	Decreased, 2013-2018	Not available	Decreased

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

[§]Not enough years of data to calculate.

Maryland Middle School Survey Baltimore County Trend Analysis Report

				H	ealth Ri	isk Beha	vior ar	d Perc	entages						Linear Change*	Quadratic Change*	Change fron 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
						a kind oused an					flavor w	vith an	electron	ic			
													87.4	94.9	Increased, 2016-2018	Not available [§]	No change
	Percenta ar in the			who thir	nk they	definitel	y or pro	bably w	ill smol	ke a ciga	arette, ci	igar, cig	garillo, o	or	,		
		•															
_		·											10.0	4.6	Decreased, 2016-2018	Not available	Decreased
			udents v			ed tobac							e cigar	s ,	Decreased, 2016-2018	Not available	Decreased
lavored			udents v										e cigar	s ,	Decreased, 2016-2018 Decreased, 2013-2018	Not available Not available	Decreased Decreased
lavorec survey)	l smokel	ess toba	udents v	ducts, o	r both, r		ting me	nthol ci	garettes,	, during	2.6	lays be	e cigars fore the 2.7	0.9	,		

^{*}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 County Trend Analysis Report

				Н	ealth Ri	sk Beha	vior an	d Perce	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN66:	Percent	age of st	tudents v	who live	with so	omeone v	who nov	v smoke	es cigare	ettes or	cigars 40.0	38.5	36.1	31.1	Decreased, 2013-2018	Not available [§]	No change
				who report					le their l	home is	that sm	oking is	s not all	owed			
													77.3	80.6	No linear change	Not available	No change
		age of st		who wer	re in the	same ro	om with	n someo	ne who	was sm	noking (on at le			No linear change	Not available Not available	No change

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

[§]Not enough years of data to calculate.

Maryland Middle School Survey Baltimore County Trend Analysis Report

				Н	ealth R	isk Beha	vior an	d Perce	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 †
1991 1	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN70: Pei survey)	rcenta	ge of st	udents v	who cur	rently u	sed mari	juana (c	one or m	ore time	es durin	g the 30) days b	efore th	e			
											8.0	6.6	6.0	4.9	Decreased, 2013-2018	Not available§	No change
QN71: Per				who wei	e offere	ed, sold,	or giver	an illeş	gal drug	on scho	ool prop	perty (di	ıring the	: 12			
											7.6	5.1	4.6	E 1	No linear change	Not available	
												5.1	4.0	5.4	No illear change	Not available	No change
QN72: Per						st (for a	check-u	ıp, exan	n, teeth	cleaning	g, or oth			3.4	No meat change	Not available	No change
						st (for a	check-u	ıp, exan	n, teeth	cleaning	g, or oth			71.0	No linear change	Not available	No change
	12 mo	onths be	fore the	survey)							er denta	ll work, 67.2	71.0			

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

[§]Not enough years of data to calculate.

Maryland Middle School Survey Baltimore County Trend Analysis Report

				Н	ealth Ri	isk Beha	vior an	d Perce	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
	Percenta r studen			who par	ticipate	in extrac	curricula	ır activi	ties at so	chool (s	uch as	sports, l	and, dr	ama,			
											62.5	64.8	57.9	60.8	No linear change	Not available [§]	No change
QN77:	Percenta	age of st	udents	who say	definite	ely yes o	r probab	oly yes t	hat you	ng peop	ole who	smoke	have m	ore			
											29.2	28.1	27.3	28.5	No linear change	Not available	No change
QN78: or fit in	Percenta	age of st	udents v	who say	definite	ely yes o	r probab	oly yes t	hat smo	king m	akes yo	ung peo	ple loo	c cool	<u>. </u>		,
											18.2	18.3	15.0	17.8	No linear change	Not available	No change
							1 1'		faamaa	no thai	r aga ha	wing or	or tw				
	Percenta of an alco				newhat o every da		gly disap	prove o	or some	me men	age na	iving of	e or two	,			

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

[§]Not enough years of data to calculate.

Γotal Site-Adde	ed			Н	ealth Ri	isk Beha	avior an	ıd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QN80: them to														for			
		,	,	1	(,	, ,	,		87.5	89.3	86.8	89.0	No linear change	Not available [§]	No change
QN81: in other													(physic	ally or			
											71.6	68.7	76.5	72.0	No linear change	Not available	Decreased
QN82: and in o														ally			
		, ,	•				`	,	,	. , .	76.4		79.8	75.5	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 County Trend Analysis Report

				Н	ealth Ri	sk Beha	avior ar	d Perce	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN83: to them	Percenta	age of s	tudents	who hav	e an adı	ılt outsi	de of scl	nool the	y can ta	lk to ab	out thir	ngs that	are imp	ortant			
											83.8	87.2	85.3	85.9	No linear change	Not available [§]	No change
	Percenta if they h							king he	lp from	one or 1							
								king he	lp from	one or i	more ac	lults bes	sides the	eir 82.1	No linear change	Not available	No change
QN85:		ad an ir	nportan	t question	on affect	ing their	life				81.6	80.1	80.5	82.1	No linear change	Not available	No change
QN85:	if they h	ad an ir	nportan	t question	on affect	ing their	life				81.6	80.1	80.5	82.1	No linear change No linear change	Not available Not available	No change No change
QN85: aad (du	if they h	ad an ir	tudents this befo	who talk	ced to a	teacher	or other	adult in	their sc	chool ab	81.6 out a po	80.1 ersonal 32.4	80.5 problem 35.8	82.1 1 they 32.0			

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

[§]Not enough years of data to calculate.

Maryland Middle School Survey Baltimore County Trend Analysis Report

Male **Injury and Violence Health Risk Behavior and Percentages** Linear Change* Quadratic Change* Change from 2016-2018 [†] 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 QN6: Percentage of students who rarely or never wore a bicycle helmet (among students who had ridden a bicycle) 76.3 69.0 71.8 64.9 Decreased, 2013-2018 Not available§ No change QN7: Percentage of students who rarely or never wore a helmet when rollerblading or skateboarding (among students who used rollerblades or rode a skateboard) 76.4 73.7 65.6 66.0 Decreased, 2013-2018 Not available No change QN8: Percentage of students who rarely or never wore a seat belt (when riding in a car) No change 7.1 7.4 5.7 7.0 No linear change Not available QN9: Percentage of students who ever rode with a driver who had been drinking alcohol (in a car) 15.8 14.9 14.0 11.8 No linear change Not available No change

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

[§]Not enough years of data to calculate.

Maryland Middle School Survey Baltimore County Trend Analysis Report

Male

njury ar	IU V 101	ence		Н	ealth R	isk Beh	avior ar	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN10:	Percent	age of	students	who eve	er carrie	d a wear	oon (suc	h as a g	un, knif	e, or clu	ub) 35.4	34.6	38.4	30.3	No linear change	Not available [§]	No change
QN11:	Percent	age of	students	who we	re ever i	n a phys	sical figl	ht			68.3	63.3	70.3	59.9	Decreased, 2013-2018	Not available	Decreased
QN14:	Percent	age of	students	who eve	er seriou	sly thou	ght abou	ut killin	g thems	elves	13.6	13.1	15.2	18.5	Increased, 2013-2018	Not available	No change
QN15:	Percent	age of	students	who eve	er made	a plan a	bout hov	w they v	would ki	ill them	selves		9.2	10.8	No linear change	Not available	No change
QN16:	Percent	age of	students	who eve	er tried t	o kill the	emselve	S					4.6	7.3	Increased, 2016-2018	Not available	Increased

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

[§]Not enough years of data to calculate.

Male Fobacco	Use																
				Н	ealth R	isk Beh	avior ar	nd Perc	entages						Linear Change [*]	Quadratic Change*	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN17:	Percent	age of s	tudents	who eve	r tried c	igarette	smokin	g (even	one or t	wo puff	rs)		•				
													7.9	5.3	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 be	efore ag	e 11 ye	ars (eve	n one or	two			
													4.5	3.7	No linear change	Not available	No change
QN19: survey)	Percenta	age of s	tudents	who cur	rently si	moked c	cigarette	s (on at	least 1 d	lay duri	ng the 3	30 days	before t	he	,		
											5.1	4.9	0.7	1.0	Decreased, 2013-2018	Not available	No change
QNFRC days bef				ents wh	o curren	ntly smo	ked ciga	arettes fi	requentl	y (on 20) or moi	re days	during t	he 30			
											1.0	0.8	0.0	0.0	Not available	Not available	Not available

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

[§]Not enough years of data to calculate.

Maryland Middle School Survey Baltimore County Trend Analysis Report

Male

obacco	Use																
				Н	ealth R	isk Beha	avior aı	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QNDAY before th			ige of st	udents v	who curi	ently sn	oked c	garettes	daily (on all 30	0 days d	luring tl	ne 30 da	ıys			
		•									0.6	0.5	0.0	0.0	Not available	Not available [§]	Not available
QN21:	Percent	age of s	tudents	who eve	er used a	n electro	onic var	or prod	uct			•		-			,
												17.3	20.1	18.5	No linear change	Not available	No change
QN22: before tl			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			
												9.2	4.6	6.5	No linear change	Not available	No change
QNFRE during the					io currei	ntly used	l electro	nic vap	or produ	icts freq	uently ((on 20 c	or more	days			
		,		5 /								1.1	0.5	0.7	No linear change	Not available	No change

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

Male Fobacco	Use			Н	ealth R	isk Beh	avior ar	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QNDAY the 30 da				udents	who cur	rently u	sed elect	ronic va	apor pro	ducts d	aily (on	all 30 d	ays duri	ng	,		
	•		•									0.4	0.5	0.7	No linear change	Not available [§]	No change
QN24: dissolva vapor pr	ble toba	cco pro	ducts [s	uch as C	Copenha	gen, Gr	izzly, Sk	oal, or						nic			
													2.1	2.6	No linear change	Not available	No change
QN25: during the					rently s	moked c	eigars (c	igars, ci	garillos	, or little	e cigars,	on at le	ast 1 da	у			
											4.2	5.8	2.9	2.5	Decreased, 2013-2018	Not available	No change

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

[§]Not enough years of data to calculate.

Male Alcohol a	and Oth	er Drug	g Use	Н	ealth R	isk Beh	avior aı	ıd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN26:	Percent	age of st	tudents	who eve	er drank	alcohol	(other t	han a fe	w sips)	:	24.4	15.7	22.7	20.7	No linear change	Not available [§]	No change
QN27:	Percent	age of st	tudents	who dra	nk alcol	hol for t	he first t	ime bef	ore age	11 year	s (other	than a f	ew sips)			
											13.1	8.2	11.2	12.5	No linear change	Not available	No change
QN28:	Percent	age of st	tudents	who eve	er used r	marijuan	ia	,			10.5	7.8	8.7	7.0	No linear change	Not available	No change
QN29:	Percent	age of st	tudents	who trie	d mariji	uana for	the first	time be	efore ag	e 11 ye	ars 3.9	4.1	3.4	3.2	No linear change	Not available	No change

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

[§]Not enough years of data to calculate.

Health Risk Behavior and Percentages 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2														Linear Change*	Quadratic Change*	Change from 2016-2018 †	
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
differer	Percenta tly than odone, ar	how a d	octor to											•			
ny aroo	, 00110, 01	10 1 010											3.3	6.6	No linear change	Not available§	Increased
QN31:	Percenta	age of st	udents	who eve	r used c	ocaine (any fori	n of coo	caine, in	cluding	powde	r, crack,	or freel	pase)			
											3.0	4.6	4.7	2.9	No linear change	Not available	No change
	Percenta any pair					nhalants	(sniffed	l glue, b	reathed	the con	itents of	spray c	ans, or	,			
											10.1	6.0	8.6	4.8	Decreased, 2013-2018	Not available	Decreased
QN33:	Percenta	age of st	udents	who eve	r took s	teroids v	without	a doctor	's presci	ription (pills or	shots)					

^{*}Based on trend analyses using a logistic regression model controlling 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 County Trend Analysis Report

Male

Sexual B	ehavior	s		Н	ealth Ri	isk Beha	avior an	nd Perco	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN34:	Percenta	age of st	tudents	who eve	er had se	exual int	ercourse	;				11.7	10.8	10.2	No linear change	Not available [§]	No change
QN35:	Percenta	age of st	tudents	who had	l sexual	intercou	irse for t	he first	time be	fore age	e 11 yea	rs 5.6	4.1	3.9	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 pei	rsons	4.6	3.6	3.2	No linear change	Not available	No change

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

[§]Not enough years of data to calculate.

				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			
QN38:	Percenta	age of st	tudents	who des	cribed t	hemselv	es as sli	ghtly or	r very ov	verweig	tht 22.4	19.9	23.9	21.3	No linear change	Not available [§]	No change
QN39:	Percenta	age of si	tudents	who we	re trying	g to lose	weight				35.6	35.6	37.3	35.7	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)	•	:			
											8.5	8.4	8.9	10.4	No linear change	Not available	No change
QNBK7	DAY: 1	Percenta	age of st	udents v	who ate	breakfa	st on all	7 days	(during	the 7 da	ays befo	re the si	urvey)				;
											51.5	57.7	54.2	55.6	No linear change	Not available	No change

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

[§]Not enough years of data to calculate.

Male Physical	Activity	,		Н	ealth R	isk Beh	avior ar	ıd Perc	entages						Linear Change*	Quadratic Change [*]	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN41: kind of j days bef	physical	activity	that in														
											60.2	58.3	52.0	53.8	Decreased, 2013-2018	Not available [§]	No change
QNPA0 1 day (in during t	n any ki	nd of ph	ysical a	ctivity t											,		
											9.2	10.0	13.9	13.9	Increased, 2013-2018	Not available	No change
QNPA7 kind of j days bef	physical	activity															
											37.4	39.4	33.6	32.4	Decreased, 2013-2018	Not available	No change

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

[§]Not enough years of data to calculate.

Male Physical Activi	y		Н	ealth R	isk Beh	avior aı	ıd Perc	entages	s					Linear Change*	Quadratic Change [*]	Change from 2016-2018
1991 1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN42: Percen	tage of s	tudents	who wat	tched te	levision	3 or mo	ore hour	s per da	y (on aı	n averag	ge schoo	ol day)				
										47.1	37.9	34.3	24.7	Decreased, 2013-2018	Not available [§]	No change
QN43: Percen (counting time smartphone, co average school	spent on omputer,	things :	such as j	olaying	games,	watchin	g videos	s, textin	g, or us	ing soci	al medi	a on the	ir			
J	•									43.9	40.9	50.4	49.4	No linear change	Not available	No change
QN44: Percen				ended ph	nysical e	ducation	n (PE) c	classes o	on 1 or i	nore da	ys (in a	n averaş	ge			
										93.1	89.8	86.0	92.6	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 County Trend Analysis Report

Male **Physical Activity Health Risk Behavior and Percentages** Linear Change* Quadratic Change* Change from 2016-2018 [†] 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QNDLYPE: Percentage of students who attended physical education (PE) classes on all 5 days (in an average week when they were in school) 32.4 16.0 11.1 23.1 No linear change Not available§ No change QN45: Percentage of students who played on at least one sports team (counting any teams run by their school or community groups, during the past 12 months before the survey)

61.0 58.5

23.9

60.4

20.3

No linear change

No linear change

Not available

Not available

QN46: Percentage of students who had a concussion from playing a sport or being physically active (one or more

times during the 12 months before the survey)

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.

Male Other																	
				Н	ealth Ri	sk Beha	avior ar	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	5 2018	_		
QN47:	Percenta	age of s	tudents	who hac	l ever be	en told	by a doo	ctor or n	urse tha	nt they l	nad asth	ma		·			
											25.5	23.0	23.0	24.7	No linear change	Not available [§]	No change
QN48:	Percenta	age of s	tudents	who got	8 or mo	ore hours	s of slee	p (on ar	n averag	e schoo	ol night)	1					
											54.9	64.5	53.7	56.2	No linear change	Not available	No change
QN49: before tl			tudents	who des	cribed t	heir grad	des in so	chool as	mostly	A's or l	B's (dur	ing the	12 mon	ths			
		•										77.8	71.7	71.6	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.

Aale Site-Add	ed																
				Н	ealth R	isk Beh	avior aı	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN52: driving		age of s	tudents	who hav	ve ever 1	idden in	a car d	riven by	someo	ne who	was tex	ting wh	ile they	were			
												43.5	53.2	42.0	No linear change	Not available§	Decreased
QN54: stopped											eks in a	row so	that the	у			-
											20.5	17.9	18.6	19.2	No linear change	Not available	No change
QN55:	Percent	age of s	tudents	who sm	oked a v	vhole ci	garette l	pefore a	ge 11 ye	ears (for	the firs	t time)	•				
											3.6	2.6	2.4	1.2	Decreased, 2013-2018	Not available	No change
QN62: little cig				who thin	nk they	definitel	y or pro	bably w	vill smol	ke a ciga	arette, c	igar, cig	garillo, o	or			
													10.5	5.8	Decreased, 2016-2018	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 County Trend Analysis Report

Male Site-Added **Health Risk Behavior and Percentages** Linear Change* Quadratic Change* Change from 2016-2018 [†] 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 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) 3.0 3.7 3.9 1.0 Decreased, 2013-2018 Not available§ Decreased QN64: Percentage of students who tried or used tobacco products for the first time (during the 12 months before the survey) 4.1 5.3 Decreased, 2014-2018 Not available Decreased QN66: Percentage of students who live with someone who now smokes cigarettes or cigars 39.4 40.7 34.3 30.1 Decreased, 2013-2018 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)

79.6 81.2

No linear change

Not available

No change

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

Not enough years of data to calculate.

Maryland Middle School Survey Baltimore County Trend Analysis Report

Male Site-Added **Health Risk Behavior and Percentages** Linear Change* Quadratic Change* Change from 2016-2018 [†] 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QN68: Percentage of students who were in the same room with someone who was smoking (on at least one day during the 7 days before the survey) 19.3 15.0 No linear change Not available§ No change QN69: Percentage of students who currently drank alcohol (at least one drink of alcohol, on at least 1 day during the 30 days before the survey) 9.2 7.4 10.0 7.7 No linear change Not available No change QN70: Percentage of students who currently used marijuana (one or more times during the 30 days before the survey) 9.0 8.5 6.7 6.1 No linear change Not available No change QN71: Percentage of students who were offered, sold, or given an illegal drug on school property (during the 12 months before the survey)

9.5

5.9

4.8

6.9

No linear change

Not available

No change

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

[§]Not enough years of data to calculate.

Male Site-Adde	ed																
				H	ealth Ri	isk Beh	avior aı	nd Perc	entages						Linear Change*	Quadratic Change [*]	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN72: during tl						ist (for a	check-	up, exan	n, teeth	cleaning	g, or oth	ner dent	al work	,			
													65.9	71.4	No linear change	Not available [§]	Increased
QN73: School y		age of st	tudents	who we	e taugh	t in thei	r classes	s about t	the dang	ers of to	obacco	use (du	ring the	last			
											86.2	84.1	76.1	81.1	Decreased, 2013-2018	Not available	No change
QN74:				who par	ticipate	in extra	curricul	ar activi	ities at s	chool (s	such as	sports,	oand, dr	rama,			
											62.7	60.0	55.6	57.2	No linear change	Not available	No change
QN77: I	Percenta	age of st	tudents	who say	definite	ely yes o	or proba	bly yes	that you	ng peop	ole who	smoke	have m	ore			
											29.5	27.6	25.7	27.4	No linear change	Not available	No change

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

[§]Not enough years of data to calculate.

Maryland Middle School Survey Baltimore County Trend Analysis Report

Male

				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	-		
QN78: I	Percenta	age of st	tudents	who say	definite	ely yes o	or proba	bly yes	that smo	oking m	akes yo	ung peo	ple loo	k cool			
											19.2	19.3	14.1	18.3	No linear change	Not available [§]	No change
QN79: I							gly disa	oprove o	of some	one thei	r age ha	ving or	ne or two	O			
													77.7	80.1	No linear change	Not available	No change
QN80: I														for			
											87.8	89.3	84.4	88.9	No linear change	Not available	No change

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

[§]Not enough years of data to calculate.

Maryland Middle School Survey Baltimore County Trend Analysis Report

				Н	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			
	Percenta ways) if												(physic	ally or			
											70.2	64.7	73.8	71.7	No linear change	Not available [§]	No change
	Percenta ther way										ing then	nselves	(physic		No linear change No linear change	Not available [§] Not available	
and in o	ther way	ys) if the	ey have	five or r	nore dri	nks of a	lcohol (beer, wi	ine, or li	iquor) oi	ing then nce or t	nselves wice a	(physical week 77.2	ally 74.1			No change

82.6 77.3 79.9 83.2

No linear change

No change

Not available

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

[§]Not enough years of data to calculate.

				H	ealth R	isk Beha	avior an	nd Perc	entages						Linear Change [*]	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
		_				teacher	or other	adult in	their so	chool ab	out a pe	rsonal	problen	n they			
	Percenta ring the	_				teacher	or other	adult in	their so		•		•	J	No linear change	Not available [®]	No chang
		_				teacher	or other	adult in	n their so		•	rsonal 30.5	problen 34.0	32.2	No linear change	Not available [§]	No chang
nd (dur N86:	ing the	12 mon	tudents	re the su	ırvey)				,		30.1	30.5	34.0	32.2	No linear change	Not available [§]	No chang

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

[§]Not enough years of data to calculate.

Female Injury an	ıd Viole	ence		н	ealth R	isk Beha	avior aı	nd Perc	entages						Linear Change [*]	Quadratic Change [*]	Change from 2016-2018 ³
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	•		
QN6: P		ge of stu	idents w	ho rarel	ly or nev	ver wore	a bicyc	le helm	et (amo	ng stude	ents who	o had rio	lden a	:			
											70.5	62.6	64.3	59.5	No linear change	Not available§	No change
QN7: P							a helm	et when	rollerbl	ading o	r skateb	oarding	(among	g	,		,
						,					78.7	69.8	77.4	71.3	No linear change	Not available	No change
QN8: P	ercentag	ge of stu	idents w	ho rarel	ly or nev	ver wore	a seat b	elt (wh	en ridin	g in a ca	ar)	.					
											7.1	5.6	6.4	6.0	No linear change	Not available	No change
QN9: P	ercentag	ge of stu	idents w	ho ever	rode w	ith a driv	ver who	had bee	en drink	ing alco	hol (in	a car)					
											21.0	17.6	20.7	16.0	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 County Trend Analysis Report

Female

njury an	IU VIOI	ence			I	Iealth l	Risk Bel	navior a	nd Perc	entages						Linear Change*	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	19	95	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN10:	Percen	tage	of stu	udents	who ev	er carri	ed a wea	pon (suc	ch as a g	un, knif	e, or clu	ıb)	:	:				
												16.2	11.3	18.8	15.5	No linear change	Not available [§]	No change
QN11:	Percen	tage	of stu	udents	who we	ere ever	in a phy	sical fig	ht									
												46.5	39.6	44.3	34.0	Decreased, 2013-2018	Not available	Decreased
QN14:	Percen	tage	of stu	udents	who ev	er serio	usly tho	ught abo	ut killin	g thems	elves				•			
												26.4	22.1	32.9	28.4	No linear change	Not available	No change
QN15:	Percen	tage	of stu	udents	who ev	er made	e a plan	about ho	w they v	would ki	ill them	selves						
														21.3	17.0	Decreased, 2016-2018	Not available	Decreased
QN16:	Percen	tage	of stu	udents	who ev	er tried	to kill tl	nemselve	es									
														12.5	11.2	No linear change	Not available	No change

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

[§]Not enough years of data to calculate.

emale obacco	Use			Н	ealth R	isk Beh	avior ar	nd Perc	entages						Linear Change*	Quadratic Change [*]	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QN17:	Percenta	age of s	tudents	who eve	er tried c	igarette	smokin	g (even	one or t	wo puff	rs)		9.1	3.8	Decreased, 2016-2018	Not available [§]	Decreased
QN18: puffs)	Percenta	age of s	tudents	who trie	d cigare	ette smo	king for	the first	t time be	efore ag	e 11 ye	ars (eve	n one or	1.7	No linear change	Not available	Decreased
QN19: survey)	Percenta	age of s	tudents	who cur	rently si	moked c	eigarette	s (on at	least 1 o	lay duri	ng the 3	30 days 1.0	before t	he 0.7	No linear change	Not available	No change
QNFRC days bef				ents who	o curren	tly smo	ked ciga	nrettes fi	requentl	y (on 20	0.7	re days	during th	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 County Trend Analysis Report

Female

obacco	Use																
				Н	ealth R	isk Beh	avior aı	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QNDAY before th			ige of st	udents v	who curi	rently sn	noked c	igarettes	daily (on all 30	0 days d	luring tl	ne 30 da	ys			
		•									0.3	0.1	0.1	0.0	Not available	Not available [§]	Not available
QN21:	Percent	age of s	tudents	who eve	er used a	ın electro	onic var	or prod	uct	-					,		
												15.7	21.4	20.5	No linear change	Not available	No change
QN22: before tl			tudents	who cur	rently u	sed an e	lectroni	c vapor	product	(on at 1	east 1 d	ay duri	ng the 3	0 days			
												6.3	5.7	6.2	No linear change	Not available	No change
QNFRE during the					no currei	ntly used	l electro	nic vap	or produ	icts freq	uently ((on 20 c	or more	days			
J		•		,								0.2	0.2	0.6	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.

Female Tobacco	Use																
				Н	ealth R	isk Beh	avior ar	d Perco	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QNDAY the 30 d				udents	who cur	rently u	sed elect	ronic va	apor pro	ducts d	aily (on	all 30 d	ays duri	ing			
			•									0.2	0.2	0.5	No linear change	Not available [§]	No change
QN24: dissolva vapor pr	ble toba	cco pro	ducts [s	uch as C	Copenha	gen, Gr	izzly, Sk	oal, or						nic			
													1.2	1.5	No linear change	Not available	No change
QN25: during tl					rently s	moked o	eigars (ci	gars, ci	garillos.	, or little	e cigars,	on at le	east 1 da	y			
											2.6	1.3	2.5	0.9	Decreased, 2013-2018	Not available	Decreased

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

[§]Not enough years of data to calculate.

Female Alcohol a	and Oth	er Druş	g Use	н	ealth R	isk Beh	avior aı	nd Perc	entages						Linear Change [*]	Quadratic Change*	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QN26:	Percenta	age of st	tudents	who eve	er drank	alcohol	(other t	han a fe	w sips)		24.7	17.3	24.8	17.1	No linear change	Not available [§]	Decreased
QN27:	Percenta	age of st	tudents	who dra	nk alcol	hol for t	he first t	ime bef	ore age	11 year	s (other	than a	few sips)			
											11.4	7.9	11.8	7.8	No linear change	Not available	No change
QN28:	Percenta	age of si	tudents	who eve	r used r	narijuan	ıa				6.4	5.9	7.8	5.6	No linear change	Not available	No change
QN29:	Percenta	age of st	tudents	who trie	d mariji	uana for	the firs	t time be	efore ag	e 11 ye	ars 1.2	2.2	1.8	1.4	No linear change	Not available	No change

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

[§]Not enough years of data to calculate.

Female Alcohol a	nd Oth	er Druş	g Use	Н	ealth R	isk Beh:	avior an	ıd 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	_		
QN30: I different hydroco	ly than	how a d	loctor to														_
ny aroco	done, ar		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,										5.3	7.6	No linear change	Not available§	No change
QN31: 1	Percenta	age of st	udents	who eve	r used c	cocaine (any fori	n of coo	caine, in	cluding	powde	r, crack,	or freeb	oase)			
											3.0	2.3	4.0	0.4	Decreased, 2013-2018	Not available	Decreased
QN32: I						nhalants	(sniffed	d glue, b	reathed	the con	itents of	spray c	ans, or				
											9.8	7.9	9.1	5.4	Decreased, 2013-2018	Not available	Decreased
QN33: 1	Percenta	age of st	udents v	who eve	er took s	teroids v	vithout	a doctor	's presci	ription (pills or	shots)					,
											2.8	1.4	1.6	1.1	No linear change	Not available	No change

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

[§]Not enough years of data to calculate.

Maryland Middle School Survey Baltimore County Trend Analysis Report

Female

Sexual B	ehavior	s		Н	ealth Ri	isk Beha	avior an	nd Perco	entages						Linear Change [*]	Quadratic Change*	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN34:	Percenta	age of st	udents v	who eve	er had se	xual int	ercourse	;				4.0	4.3	2.8	No linear change	Not available [§]	No change
QN35:	Percenta	age of si	udents	who had	l sexual	intercou	irse for t	he first	time be	fore age	e 11 yea	1.3	1.3	0.6	No linear change	Not available	No change
QN36:	Percenta	age of st	udents	who eve	er had se	xual int	ercourse	with th	ree or n	nore per	rsons	0.9	0.7	0.5	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.

Female Weight N	I anagei	nent an	ıd Dieta	-		isk Beh	avior aı	nd Perc	entages						Linear Change*	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN38:	Percenta	age of s	tudents	who des	cribed t	hemselv	es as sli	ghtly or	very ov	verweig	ght 29.7	27.4	27.6	26.7	No linear change	Not available [§]	No change
QN39:	Percenta	age of s	tudents	who we	re trying	g to lose	weight				54.4	51.5	47.7	49.7	Decreased, 2013-2018	Not available	No change
QN40:	Percenta	age of s	tudents	who did	not eat	breakfa	st (durin	ig the 7	days be	fore the	survey)					•
											12.6	8.3	8.3	14.2	No linear change	Not available	Increased
QNBK7	DAY:	Percenta	age of st	tudents	who ate	breakfa	st on all	7 days	(during	the 7 da	ays befo	ore the s	urvey)				
											41.7	51.0	39.9	39.2	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.

emale Physical A	Activity			**	141. TO	2-1- D -1-	•	. J.D	4						Linna Chara	One had Chara	Character forms
				H	ealth Ri	isk Bena	avior ai	1a Perc	entages						Linear Change [*]	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN41: I kind of p	physical	activity															
·		•									44.8	48.8	41.1	45.6	No linear change	Not available [§]	No change
QNPA01 1 day (ir during th	n any kii	nd of ph	ysical a	ctivity t											,		,
											14.1	12.7	14.1	13.8	No linear change	Not available	No change
QNPA71 kind of p	physical	activity															
											24.2	26.2	21.4	23.1	No linear change	Not available	No change

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

[§]Not enough years of data to calculate.

				Н	ealth Ri	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	who wat	ched tel	evision	3 or mo	re hours	s per da	y (on ar	n averaş	ge schoo	l day)				
											16.1	25.0	37.9	24.3	Decreased, 2013-2018	Not available§	Decreased
											46.1	35.9	31.9	24.3	Decreased, 2013-2016	Not available	Decreased
QN43: (countin smartph average	ig time s one, cor	spent on nputer,	things s	such as p	olaying g	games,	watchin	g videos	s, texting	g, or usi	ter 3 or	more h al medi chool w	ours per a on the ork, on a	day ir ın	· 		
(countin	ig time s one, cor	spent on nputer,	things s	such as p	olaying g	games,	watchin	g videos	s, texting	g, or usi	ter 3 or	more h	ours per	day ir	No linear change	Not available	No change
(countin	ng time sone, cor school o	spent on mputer, day)	things s Xbox, P	such as playStati	olaying gon, iPad	games, v	watchin er tablet	g videos , for sor	s, texting mething	g, or usi that wa	ter 3 or ing soci is not so 42.6	more hal medichool we	ours per a on the ork, on a 47.4	day ir in 45.3	· 		

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

[§]Not enough years of data to calculate.

Physical .	Activity			Н	ealth R	isk Beha	avior an	ıd 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	_		
QNDLY week wl					no attend	led phys	ical edu	cation (PE) clas	sses on	all 5 day	ys (in a	n averag	ge 22.6	No linear change	Not available [§]	No change
QN45: commun									(countin	ig any to	eams ru	n by the	eir schoo 52.2	ol or 54.1	No linear change	Not available	No change
QN46: times du						ussion fi	om play	ing a sp	oort or b	eing ph	ysically	active	(one or	more	No linear change	Not available	No change

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

[§]Not enough years of data to calculate.

Female Other																	
				H	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	_		
QN47:	Percenta	age of s	tudents	who had	l ever be	en told	by a doc	ctor or n	urse tha	it they l	nad asth	ma					
											24.1	18.5	18.2	18.5	No linear change	Not available§	No change
QN48:	Percenta	age of s	tudents	who got	8 or mo	ore hour	s of slee	p (on ar	n averag	e schoo	ol night)						
											51.0	54.5	54.1	52.5	No linear change	Not available	No change
QN49: before the			tudents	who des	scribed t	heir grad	des in sc	hool as	mostly	A's or I	B's (dur	ing the	12 mon	ths	,		.,
belore ti	iic sui ve	· .										83.5	81.5	81.0	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.

emale ite-Adde	ed																
				Н	ealth Ri	isk Beh	avior ar	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN52: 1 driving t		age of st	tudents	who hav	e ever r	idden in	a car d	riven by	someo	ne who	was tex	ting wh	ile they	were			
												55.4	63.5	50.7	No linear change	Not available [§]	Decreased
				who felt ities, eve							eks in a	row so 28.7	that the	y 31.8	No linear change	Not available	No change
QN55: 1	Percenta	age of st	tudents	who smo	oked a v	vhole ci	garette l	before a	ge 11 ye	ears (for	the firs	t time)					,
											2.4	1.2	2.0	0.4	Decreased, 2013-2018	Not available	No change
QN62: I				who thir	nk they o	definitel	y or pro	bably w	vill smo	ke a ciga	arette, c	igar, cig	garillo, o	or	,		
													9.0	3.1	Decreased, 2016-2018	Not available	Decreased

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

[§]Not enough years of data to calculate.

Temale Site-Add	ed																
				Н	ealth R	isk Beh	avior ar	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN63: flavored survey)																	
•											1.9	1.2	1.2	0.6	No linear change	Not available [§]	No change
QN64: the surv		age of s	tudents	who trie	ed or use	ed tobac	co produ	icts for	the first	time (d	uring th	e 12 mo	onths be	fore			,
	•											3.1	3.1	1.6	Decreased, 2014-2018	Not available	No change
QN66:	Percent	age of s	tudents	who live	e with so	omeone	who no	w smok	es cigar	ettes or	cigars		•				
											40.5	35.9	37.9	31.9	Decreased, 2013-2018	Not available	No change
QN67: anywher									de their	home is	that sm	oking is	s not all	owed			
													75.0	80.2	Increased, 2016-2018	Not available	Increased

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

[§]Not enough years of data to calculate.

Female Site-Addo	ed																
				Н	ealth R	isk Beh	avior ar	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN68: during the					re in the	same ro	oom wit	h someo	one who	was sm	oking (on at le	ast one	day			
	,												22.7	18.1	No linear change	Not available§	No change
QN69: the 30 d				who cur	rently d	rank alc	ohol (at	least on	ne drink	of alcol	nol, on a	nt least	1 day du	ıring			
											11.0	7.1	11.6	7.8	No linear change	Not available	Decreased
QN70: survey)	Percenta	age of st	tudents	who cur	rently u	sed mar	ijuana (d	one or n	nore tim	es durin	ng the 30) days ł	pefore th	ne	,		
•											6.5	4.0	5.1	3.3	Decreased, 2013-2018	Not available	No change
QN71:				who we	re offere	ed, sold,	or give	n an ille	gal drug	on sch	ool prop	perty (d	uring th	e 12			
			•								5.7	4.1	4.3	3.9	No linear change	Not available	No change

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

[§]Not enough years of data to calculate.

Female Site-Addo	ed																
				Н	ealth R	isk Beh	avior aı	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN72: during the						ist (for a	check-ı	ıp, exan	n, teeth	cleaning	g, or oth	ner dent	al work	,			
													68.5	71.1	No linear change	Not available [§]	No change
QN73: school y		age of st	tudents	who we	re taugh	t in thei	r classes	about t	he dang	ers of to	obacco	use (dui	ring the	last			
											88.7	87.3	78.2	77.4	Decreased, 2013-2018	Not available	No change
QN74: clubs, or				who par	ticipate	in extra	curricul	ar activi	ties at so	chool (s	such as	sports, l	and, dr	ama,			
											62.4	69.5	60.2	64.5	No linear change	Not available	No change
QN77: friends	Percenta	age of st	tudents	who say	definite	ely yes o	or proba	bly yes	that you	ng peop	ole who	smoke	have mo	ore			
											28.8	28.4	29.1	29.8	No linear change	Not available	No change

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

[§]Not enough years of data to calculate.

Maryland Middle School Survey Baltimore County Trend Analysis Report

Female

				Н	ealth Ri	isk Beha	avior ar	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QN78: or fit in	Percenta	age of st	udents v	who say	definite	ely yes o	or probal	bly yes	that smo	oking m	akes yo	ung pec	ple lool	cool			
											17.0	17.0	15.8	17.3	No linear change	Not available§	No change
	Percenta of an alco						gly disa	pprove o	of some	one thei	r age ha	ving or	e or two)			
													82.8	83.0	No linear change	Not available	No change
	Percenta													for	,		
	drink be	eer, wine	, or man	u nquoi	(Sucii a	s vouka	, willoke	y, or gr	ii) at ica	ist offee	01 01110	c a mon					

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

[§]Not enough years of data to calculate.

emale Site-Addo	ed																
				Н	ealth R	isk Beh	avior aı	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN81: in other													(physic	ally or			
											73.0	73.3	79.1	72.9	No linear change	Not available§	Decreased
				who thin										ally			
and in o	tner wa	ys) ii the	ey nave	live or i	nore ar	inks of a	iiconoi (beer, w	ine, or i	iquor) o	nce or t 76.6	76.1	82.3	77.3	No linear change	Not available	No change
QN83: to them	Percent	age of s	tudents	who hav	e an ad	ult outsi	de of sc	hool the	ey can ta	ılk to ab	out thin	igs that	are imp	ortant			,
											84.6	87.4	86.0	84.6	No linear change	Not available	No change
QN84:								eking he	lp from	one or i	more ad	lults bes	ides the	eir			
											81.1	83.0	81.2	81.6	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.

				H	ealth R	isk Beha	avior an	nd Perco	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
-		_				teacher	or other	adult in	their so	chool abo	out a pe	rsonal	problen	n they			
-		_	tudents ths befo			teacher	or other	adult in	n their so		•	,	•	J	No linear change	Not available [§]	Decrease
		_				teacher	or other	adult in	n their so		•	,	problem 37.0	31.7	No linear change	Not available [§]	Decreased
d (dur N86:]	ing the	12 mon	tudents	re the su	irvey)						36.6	34.6	37.0	31.7	No linear change	Not available [§]	Decrease

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

[§]Not enough years of data to calculate.

White* Injury and	d Viole	ence															
				H	lealth R	Risk Bel	navior a	nd Per	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991 1	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	<u> </u>		
QN6: Perobicycle)	centag	ge of stu	dents w	ho rarel	y or nev	ver wore	a bicyc	le helm	et (amor	ng stude	ents who	had ric	lden a	•			
											62.0	54.3	54.5	46.8	No linear change	Not available [¶]	No chang
QN7: Pero							a helm	et when	rollerbl	ading o	r skateb	oarding	(among	7			
											72.6	64.7	67.7	57.3	No linear change	Not available	No chang
QN8: Pero	centag	ge of stu	dents w	ho rarel	y or nev	ver wore	a seat b	elt (who	en riding	g in a ca	ur)		-				:
											4.9	4.6	2.1	3.7	No linear change	Not available	No chang
QN9: Pero	centag	ge of stu	dents w	ho ever	rode wi	ith a driv	er who	had bee	n drinki	ing alco	hol (in a	a car)					
											21.6	18.5	18.5	15.7	Decreased, 2013-2018	Not available	No chang

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

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

Maryland Middle School Survey Baltimore County Trend Analysis Report

White*

]	Health I	Risk Bel	navior a	nd Per	centage	S					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN10:	Percent	age of s	tudents	who ev	er carrie	d a wear	oon (suc	h as a g	un, knif	e, or clu	ab) 30.1	28.0	33.1	27.0	No linear change	Not available [¶]	No change
QN11:	Percent	age of s	tudents	who we	ere ever	in a phys	sical figl	nt			45.7	39.0	44.6	32.9	Decreased, 2013-2018	Not available	Decreased
QN14:	Percent	age of s	tudents	who ev	er seriou	ısly thou	ght abou	ut killin	g thems	elves	19.8	18.3	21.5	17.6	No linear change	Not available	No change
QN15:	Percent	age of s	tudents	who ev	er made	a plan a	bout hov	w they v	would ki	ll thems	selves		13.9	11.8	No linear change	Not available	No change
QN16:	Percent	age of s	tudents	who ev	er tried t	o kill the	emselve	S		,			5.2	6.2	No linear change	Not available	No change

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

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

Vhite* 'obacco	Use																
				H	Iealth R	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	<u>-</u>		
QN17: 1	Percenta	ige of st	udents v	who eve	er tried c	igarette	smoking	g (even	one or t	wo puff	s)		6.5	3.7	No linear change	Not available¶	Decrease
22110	.							1 ()								1vot available	Decrease
QN18: 1 ouffs)	Percenta	ige of st	udents v	who trie	d cigare	ette smol	king for	the first	t time be	etore ag	e II ye	ars (eve					
													3.2	1.7	No linear change	Not available	No chang
N19: l urvey)	Percenta	age of st	udents v	who cur	rently si	moked c	igarettes	s (on at	least 1 d	lay duri	ng the 3	30 days	before tl	ne			
											4.7	4.1	0.8	0.9	Decreased, 2013-2018	Not available	No chang
	IG: Per		of stude	ents who	o curren	tly smol	ked ciga	rettes fr	equently	y (on 20	or moi	re days o	luring th	ne 30			
											1.1	0.5	0.0	0.0	Not available	Not available	Not availa

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

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

White* Fobacco	Use																
				H	Iealth R	Risk Bel	navior a	nd Pero	centage	S					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QNDAY before tl			ge of stu	udents v	vho curr	ently sn	noked ci	garettes	daily (on all 30	0 days d	luring th	ie 30 da	ys			
											0.4	0.5	0.0	0.0	Not available	Not available [¶]	Not availabl
QN21:	Percenta	age of st	udents v	who eve	r used a	n electro	onic vap	or prod	uct					-			;
												17.2	20.7	17.4	No linear change	Not available	No change
QN22: before tl			udents v	who cur	rently us	sed an e	lectroni	e vapor	product	(on at 1	least 1 d	ay durir	ng the 30) days			
												8.3	4.6	6.5	No linear change	Not available	No change
QNFRE during the					o currer	ntly used	d electro	nic vapo	or produ	icts freç	quently ((on 20 o	r more o	lays			
		,		- 37								1.0	0.3	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.

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

White* Tobacco	Use																
				I	Health F	Risk Bel	navior a	nd Per	centage	S					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QNDAY the 30 da				tudents	who cur	rently u	sed elec	tronic v	apor pro	ducts d	aily (on	all 30 d	ays dur	ing			
	,		, ,									0.2	0.3	0.7	No linear change	Not available¶	No change
QN24: I dissolvat vapor pro	ble toba	cco pro	ducts [s	uch as C	Copenha	gen, Gr	izzly, Sł	coal, or	Camel S					nic			
													1.3	2.1	No linear change	Not available	No change
QN25: F					rently si	moked o	cigars (c	igars, ci	garillos	, or little	e cigars,	on at le	east 1 da	ıy			:
											2.8	4.3	2.1	1.4	No linear change	Not available	No change

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

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

White* Alcohol a	and Oth	ner Dru	ig Use	I	Health F	Risk Bel	navior a	nd Pero	centages	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN26: 1	Percenta	age of st	tudents v	who eve	er drank	alcohol	(other th	nan a fe	w sips)		24.8	16.4	21.4	16.2	No linear change	Not available [¶]	No change
QN27: 1	Percenta	age of st	tudents	who dra	nk alcol	hol for tl	ne first t	ime befo	ore age	11 year	s (other	than a f	ew sips)			
											12.0	7.8	11.3	7.9	No linear change	Not available	Decreased
QN28: 1	Percenta	age of st	tudents	who eve	er used r	marijuan	a				6.8	6.6	6.9	4.9	No linear change	Not available	No change
QN29: 1	Percenta	age of st	tudents	who trie	d mariji	uana for	the first	time be	fore age	e 11 yea	ars 1.1	2.6	1.8	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.

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

White* Alcohol	and Otl	her Dru	g Use	Н	Iealth R	Risk Bel	avior a	nd Per	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			2010-2018
lifferent	tly than	age of st how a d	loctor to														
iyuroco	done, ar	id i cicc	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,										2.3	5.4	No linear change	Not available¶	Increase
QN31: 1	Percenta	age of st	udents	who eve	r used c	ocaine (any fori	m of co	caine, in	cluding	powde	r, crack,	or freel	oase)			
											2.4	2.7	1.8	1.2	No linear change	Not available	No chan
		age of st				nhalants	(sniffed	d glue, t	oreathed	the con	itents of	spray c	ans, or		,		
		•	·								9.2	5.5	7.0	5.0	No linear change	Not available	No chang
QN33: 1	Percenta	age of st	udents	who eve	r took s	teroids v	without	a docto	's presc	ription (pills or	shots)					
											2.6	2.0	1.1	0.6	No linear change	Not available	No chan

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

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

				H	lealth R	isk Beh	avior a	nd Pero	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN34: 1	Percenta	ige of st	udents v	who eve	r had se	xual inte	ercourse	;									
												6.7	4.3	3.6	No linear change	Not available¶	No change
QN35: 1	Percenta	ige of st	udents v	who had	sexual	intercou	rse for t		time be	fore age	e 11 year		4.3	3.6	No linear change	Not available [¶]	No change
QN35: 1	Percenta	age of st	udents v	who had	sexual	intercou	rse for t		time be	fore age	e 11 yea		1.7	-	No linear change Decreased, 2014-2018	Not available Not available	No change

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

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

				H	Iealth R	Risk Bel	navior a	nd Pero	centages	S					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN38:	Percenta	ge of st	udents v	who des	cribed th	hemselv	ves as sli	ghtly or	very ov	erweig	tht 26.6	25.6	26.1	24.1	No linear change	Not available¶	No change
QN39:	Percenta	ge of st	udents v	who wei	re trying	g to lose	weight	,			46.0	44.7	41.9	39.4	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 bef	fore the	survey)					
											10.6	9.8	6.2	9.2	No linear change	Not available	No change
QNBK7	DAY: I	Percenta	ige of st	udents v	who ate	breakfa	st on all	7 days ((during t	the 7 da	ays befo	re the si	urvey)				
											49.5	57.9	51.2	49.2	No linear change	Not available	No change

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

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

White* Physical	Activit	y		H	lealth R	Risk Bel	navior a	nd Per	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	5 201	8		
kind of p	Percenta physical fore the	activity															
Ĭ		3,									62.3	62.6	51.3	58.7	No linear change	Not available [¶]	No change
1 day (ir	DAY: In any kin	nd of ph	ysical a	ctivity t													
											5.8	5.6	8.5	7.3	No linear change	Not available	No chang
kind of p	DAY: In physical fore the																
uays bei																	

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

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

Physical Activity		Healt	h Risk B	ehavior a	and Pero	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991 1993 1995	1997 19	99 200	01 2003	3 2005	2007	2009	2011	2013	2014	2016	2018	3		
QN42: Percentage of stu	udents who	watched	televisio	n 3 or mo	ore hour	s per da	y (on an	averag	ge schoo	l day)	·			
								34.1	29.5	26.6	17.0	Decreased, 2013-2018	Not available [¶]	Decreased
QN43: Percentage of str (counting time spent on smartphone, computer, X average school day)	things such	as playi	ng games	, watchin	g videos	s, texting	g, or ūsi	ng soci	al medi	a on the	ir	No linear change	Not available	No change
(counting time spent on smartphone, computer,)	things such Kbox, Plays Lands	as playing a playing as playing as playing as playing as playing as playing a playing as playing a playing as playing a playing as playing as playing as playing as playing as playing a playing as playing as playing as playing as playing a playi	ng games Pad, or o	, watchin	g videos	s, texting	g, or usi that wa	ng soci s not so 39.5	al medi chool wo	a on the ork, on a	ir an 42.1	No linear change	Not available	No chang

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

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

Physical	Activit	y		H	Iealth R	Risk Bel	navior a	nd Pero	centage	S					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	5 201	3		
					o attend	ded phys	sical edu	cation (PE) cla	sses on	all 5 day	ys (in a	n avera	ge			
week wi	ien mey	were in	i school))													
											46.8	16.6	10.0	21.4	No linear change	Not available [¶]	No chang
								,			46.8	16.6	10.0	21.4	No linear change	Not available¶	No chang
QN45: 1						at least o			(countin	g any te					No linear change	Not available [¶]	No chang
QN45: 1									(countin	g any te					No linear change	Not available [¶] Not available	No chang
QN45: 1	ity grou	ips, duri	ing the p	oast 12 r	months l	before th	ne surve	y)			eams ru	68.0	eir scho	ol or 68.9	,		,
QN45: 1	nity grou	ips, duri	tudents v	who had	nonths l		ne surve	y)			eams ru	68.0	eir scho	ol or 68.9	,		

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

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

White* Other				I	Iealth I	Risk Bel	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			
QN47: 1	Percenta	age of s	tudents	who hac	l ever be	een told	by a do	ctor or n	urse tha	at they h	nad asthi	ma		·			
											21.0	19.3	15.0	14.9	Decreased, 2013-2018	Not available¶	No change
QN48: 1	Percenta	age of s	tudents	who got	8 or mo	ore hour	s of slee	ep (on ar	n averag	e schoo	ol night)		•				· · · · · · · · · · · · · · · · · · ·
											58.9	63.0	57.8	57.5	No linear change	Not available	No change
QN49: 1 before th			tudents	who des	cribed t	heir gra	des in so	chool as	mostly	A's or I	3's (duri	ng the 1	2 mont	hs			
												80.8	81.0	83.3	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 County Trend Analysis Report

Site-Added **Health Risk Behavior and Percentages** Linear Change[†] Quadratic Change[†] Change from 2016-2018 § 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QN52: Percentage of students who have ever ridden in a car driven by someone who was texting while they were driving the car No linear change Not available ¶ Decreased 55.8 61.2 50.3 QN54: Percentage of students who felt sad or hopeless (almost every day for >=2 weeks in a row so that they stopped doing some usual activities, ever during the 12 months before the survey) No linear change Not available Decreased 26.5 22.6 26.2 21.0

2.4

1.7

1.9

0.9

No linear change

QN62: Percentage of students who think they definitely or probably will smoke a cigarette, cigar, cigarillo, or little cigar in the next year

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

8.5 3.4 Decreased, 2016-2018 Not available Decreased

Not available

White*

No change

^{*}Non-Hispanic.

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

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

Not enough years of data to calculate.

Maryland Middle School Survey Baltimore County Trend Analysis Report

White* Site-Added **Health Risk Behavior and Percentages** Linear Change[†] Quadratic Change[†] Change from 2016-2018 § 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 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) 2.7 2.0 3.0 0.6 No linear change Not available ¶ Decreased QN64: Percentage of students who tried or used tobacco products for the first time (during the 12 months before the survey) No linear change No change 3.0 3.1 1.4 Not available QN66: Percentage of students who live with someone who now smokes cigarettes or cigars 45.3 44.5 39.5 30.7 Decreased, 2013-2018 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) Increased, 2016-2018 Not available Increased 72.8 83.3

^{*}Non-Hispanic.

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

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

Not enough years of data to calculate.

Maryland Middle School Survey Baltimore County Trend Analysis Report

White*

				H	Iealth F	Risk Beh	navior a	nd Per	centage	S					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
	Percenta he 7 day				re in the	same ro	om wit	h some	one who	was sm	oking (on at le	ast one	day			
													27.3	18.3	Decreased, 2016-2018	Not available¶	Decreased
QN69:	Percenta	age of st	udanta r	1													
	ays befo			who cur	rently d	rank alc	ohol (at	least or	ie drink	of alcol	nol, on a	it least	l day dı	ıring			
				who cur	rently d	rank alc	ohol (at	least or	ne drink	of alcol	nol, on a	7.4	1 day dı 11.0	ering	No linear change	Not available	Decreased
the 30 d		ore the s	urvey)								10.5	7.4	11.0	6.2	No linear change	Not available	Decreased
QN70:	ays befo	ore the s	urvey)								10.5	7.4	11.0	6.2	No linear change No linear change	Not available Not available	Decreased No change
QN70: Survey)	ays befo	age of st	urvey)	who cur	rently u	sed mari	ijuana (d	one or n	nore tim	es durin	10.5 eg the 30 6.4	7.4) days l 6.4	11.0 pefore th	6.2 ne 4.5			

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

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

Maryland Middle School Survey Baltimore County Trend Analysis Report

White* Site-Added **Health Risk Behavior and Percentages** Linear Change[†] Quadratic Change[†] Change from 2016-2018 § 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QN72: Percentage of students who saw a dentist (for a check-up, exam, teeth cleaning, or other dental work, during the 12 months before the survey) 74.3 80.7 No linear change Not available ¶ No change QN73: Percentage of students who were taught in their classes about the dangers of tobacco use (during the last school year) 90.8 89.8 79.4 83.5 Decreased, 2013-2018 Not available No change QN74: Percentage of students who participate in extracurricular activities at school (such as sports, band, drama, clubs, or student government) 68.2 Not available 63.9 65.1 61.9 No linear change No change QN77: Percentage of students who say definitely yes or probably yes that young people who smoke have more friends 19.5 20.6 17.9 22.7 No linear change Not available No change

^{*}Non-Hispanic.

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

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

Not enough years of data to calculate.

				H	Iealth R	Risk Bel	navior a	nd Pero	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	•		
QN78: or fit in	Percenta	age of st	udents v	who say	definite	ely yes c	or probal	bly yes	that smo	oking m	akes yo	ung peo	ple lool	cool cool			
											11.5	16.3	9.3	15.5	No linear change	Not available¶	Increased
	Percenta						gly disap	oprove o	of some	one thei	r age ha	ving on	e or two)			·
				·	·	•							84.8	86.7	No linear change	Not available	No chang
	Percenta											g or very		for	,		
	urink be			•	,												

^{*}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 County Trend Analysis Report

White* Site-Added **Health Risk Behavior and Percentages** Linear Change[†] 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018

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

76.7 70.1 79.9 73.8

Not available ¶

Quadratic Change[†]

No change

Change from 2016-2018 §

QN82: Percentage of students who think people are at moderate or great risk of harming themselves (physically and in other ways) if they have five or more drinks of alcohol (beer, wine, or liquor) once or twice a week

> 80.9 77.7 85.1 80.3

No linear change

No linear change

Not available

No change

QN83: Percentage of students who have an adult outside of school they can talk to about things that are important to them

84.2 88.9 89.9

91.7

Increased, 2013-2018

Not available

No change

QN84: Percentage of students who would feel comfortable seeking help from one or more adults besides their parents if they had an important question affecting their life

84.3 82.0 82.8 83.4

No linear change

Not available

No change

^{*}Non-Hispanic.

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

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

Not enough years of data to calculate.

lite-Add	ea			H	lealth R	Risk Beh	navior a	nd Per	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
				who talk re the su		teacher	or other	adult ir	their so	chool abo		ersonal 33.9	problen 36.9	30.8	No linear change	Not available¶	Decrease

^{*}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.

1995 ge of stu	1997 dents wh	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
				-	-				2013	2014	2016	2018	_		
ge of stu	dents wh	no rarely	or neve	er wore	a bicyc	le helme	et (amor	no stude							
								is stade	ents who	had ric	lden a				
									85.9	79.0	81.0	77.4	Decreased, 2013-2018	Not available [¶]	No chang
ge of stu					a helme	et when	rollerbl	ading of	r skateb	oarding	(among	5	<u> </u>		-
									85.1	81.0	75.2	78.0	Decreased, 2013-2018	Not available	No chang
ge of stu	dents wh	no rarely	or nevo	er wore	a seat b	elt (whe	en riding	g in a ca	ar)			-			
									8.7	8.9	7.1	9.0	No linear change	Not available	No chang
ge of stu	dents wh	no ever i	rode wit	th a driv	er who	had bee	n drinki	ng alco	hol (in	a car)					
									15.9	14.7	15.3	12.5	No linear change	Not available	No chang
_					·		·			e of students who ever rode with a driver who had been drinking alcohol (in	8.7 8.9 e of students who ever rode with a driver who had been drinking alcohol (in a car)	8.7 8.9 7.1 e of students who ever rode with a driver who had been drinking alcohol (in a car)	8.7 8.9 7.1 9.0 e of students who ever rode with a driver who had been drinking alcohol (in a car)	8.7 8.9 7.1 9.0 No linear change e of students who ever rode with a driver who had been drinking alcohol (in a car)	8.7 8.9 7.1 9.0 No linear change Not available e of students who ever rode with a driver who had been drinking alcohol (in a car)

^{*}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 County Trend Analysis Report

Black* **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 QN10: Percentage of students who ever carried a weapon (such as a gun, knife, or club) 19.2 No linear change Not available ¶ No change 26.2 20.4 QN11: Percentage of students who were ever in a physical fight Decreased, 2013-2018 Not available Decreased 71.8 68.3 71.2 60.9 QN14: Percentage of students who ever seriously thought about killing themselves 19.6 17.8 Not available No change 23.6 27.4 Increased, 2013-2018 QN15: Percentage of students who ever made a plan about how they would kill themselves 14.3 13.8 No linear change Not available No change QN16: Percentage of students who ever tried to kill themselves 10.3 9.5 No linear change Not available No change

^{*}Non-Hispanic.

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

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

Not enough years of data to calculate.

Black* Tobacco	Use																
				F	Health F	Risk Bel	havior a	nd Per	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN17:	Percenta	age of st	tudents	who eve	er tried c	cigarette	smokin	g (even	one or t	wo puff	rs)		10.2	4.9	Decreased, 2016-2018	Not available [¶]	Decrease
QN18: Duffs)	Percenta	age of st	tudents	who trie	ed cigare	ette smo	king for	the first	t time be	efore ag	e 11 ye	ars (eve	an one or	2.9	No linear change	Not available	No chang
QN19: survey)	Percenta	age of st	tudents	who cur	rently si	moked c	cigarette	s (on at	least 1 c	lay duri	ng the 3	30 days 1.4	before t	he 0.7	No linear change	Not available	No chang
QNFRC days bef				ents wh	o curren	ntly smo	ked ciga	rettes fi	equentl	y (on 20	0.5	re days	during t	he 30	Not available	Not available	Not availal

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

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

Black* Fobacco	Use			H	Iealth R	Risk Bel	navior a	nd Pero	centage	s					Linear Change [†]	Quadratic Change [†]	Change from
									J						J		2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QNDAY before th			ge of stu	udents v	vho curr	ently sn	noked ci	garettes	daily (on all 30	0 days d	uring th	ie 30 da	ys			
											0.2	0.0	0.0	0.0	Not available	Not available [¶]	Not available
QN21: I	Percenta	age of st	udents v	who eve	r used a	n electro	onic vap	or prod	uct	-					,		
												17.3	21.2	20.1	No linear change	Not available	No change
QN22: I before the			udents v	who cur	rently u	sed an e	lectroni	c vapor	product	(on at 1	east 1 d	ay durii	ng the 3	0 days			
												7.9	4.8	5.4	No linear change	Not available	No change
QNFRE'					o currer	ntly used	l electro	nic vapo	or produ	icts freq	uently ((on 20 c	r more	days			
												0.4	0.3	0.5	No linear change	Not available	No change

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

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

Говассо	Use			H	lealth R	tisk Bel	navior a	nd Pero	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QNDAY				udents v	vho curi	ently us	sed elect	ronic va	apor pro	ducts d	aily (on	all 30 d	ays dur	ing	1		
the 30 da	ays beic	ore the si	urvey)									0.2	0.3	0.5	No linear change	Not available [¶]	No chang
QN24: 1 dissolval	ble toba	cco pro									co, snuf		us, or				
	oducts,	on at lea								Snus], no	ot count	ing any	electroi	nic			
vapor pr	oducts,	on at lea								Snus], no	ot count	ing any	electron	1.3	No linear change	Not available	No chanş
	Percenta	age of st	ast 1 day	y during	the 30 d	days bef	fore the	survey)	·				2.0	1.3	No linear change	Not available	No chanş

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

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

Black* Alcohol a	and Oth	ner Dru	g Use	H	Iealth F	Risk Bel	navior a	nd Pero	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN26: 1	Percenta	age of st	udents v	who eve	r drank	alcohol	(other the	han a fe	w sips)		23.8	16.6	25.7	21.7	No linear change	Not available [¶]	No change
QN27: 1	Percenta	age of st	udents v	who dra	nk alcol	nol for t	he first t	ime bef	ore age	11 year	s (other	than a f	ew sips)			
											11.7	7.9	10.4	12.7	No linear change	Not available	No change
QN28: 1	Percenta	age of st	udents	who eve	r used n	narijuan	a		-				-				,
											9.9	7.6	9.7	7.7	No linear change	Not available	No change
QN29: 1	Percenta	age of st	udents v	who trie	d mariji	uana for	the first	time be	efore ago	e 11 yea	ars 3.6	3.2	2.4	3.0	No linear change	Not available	No change

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

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

slack* Alcohol	and Oth	her Dru	g Use	Н	Iealth F	Risk Bel	avior a	nd Per	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
differen	Percenta tly than done, ar	how a d	loctor to														
iy droco	done, ar	id i cicc	icci)										5.1	8.7	Increased, 2016-2018	Not available¶	No chang
QN31:	Percenta	age of st	udents	who eve	er used c	ocaine (any fori	m of coo	caine, in	cluding	powde	r, crack,	or freel	oase)			
											3.0	3.7	6.6	1.7	No linear change	Not available	Decrease
	Percenta any pair					nhalants	(sniffed	d glue, b	reathed	the con	itents of	spray c	ans, or				
											10.5	7.6	9.7	5.8	Decreased, 2013-2018	Not available	No chang
QN33:	Percenta	age of st	tudents	who eve	er took s	teroids v	without	a doctor	's presc	ription (pills or	shots)					
-																	

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

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

				H	lealth R	tisk Beh	avior a	nd Perc	entage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN34:	Percenta	ige of st	udents v	who eve	r had se	xual inte	ercourse					10.5	10.9	10.1	No linear change	Not available¶	No change
QN35:	Percenta	ige of st	udents v	who had	sexual	intercou	rse for t	he first	time be	fore age	e 11 yea	rs					
QN35:	Percenta	ige of st	udents v	who had	sexual	intercou	rse for t	he first	time be	fore age	e 11 yea	rs 5.3	3.2	4.2	No linear change	Not available	No change

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

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

				H	Iealth R	Risk Bel	navior a	nd Pero	centages	S					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN38:	Percenta	ige of st	udents v	who des	cribed tl	hemselv	es as sli	ghtly or	very ov	erweig	ht	•					
											24.7	21.9	23.6	23.5	No linear change	Not available¶	No change
QN39:	Percenta	ige of st	udents	who wei	re trying	g to lose	weight										
											42.0	42.1	41.4	43.8	No linear change	Not available	No change
QN40:	Percenta	ige of st	udents v	who did	not eat	breakfa	st (durin	g the 7	days bei	fore the	survey)					
											9.0	5.7	9.8	15.4	Increased, 2013-2018	Not available	Increased
QNBK7	DAY: I	Percenta	ge of st	udents v	who ate	breakfa	st on all	7 days ((during	the 7 da	ays befo	ore the su	ırvey)		,		,
											42.9	50.0	43.7	42.8	No linear change	Not available	No chang

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

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

Black* Physical Activ	ity		H	Iealth R	Risk Bel	navior a	nd Per	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991 1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	5 2018	_		
QN41: Percenkind of physical	al activit	y that inc														
	, , , , , , , , , , , , , , , , , , , ,									42.6	46.1	43.2	42.4	No linear change	Not available¶	No change
QNPA0DAY: 1 day (in any k during the 7 da	ind of pl	iysical a	ctivity t													
										16.8	14.1	18.2	20.8	No linear change	Not available	No change
QNPA7DAY: kind of physica days before the	al activit	y that inc														
										26.5	31.7	26.6	27.2	No linear change	Not available	No change

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

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

				H	Iealth R	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	3		
QN42: I	Percenta	ige of st	tudents v	who wat	tched tel	levision	3 or mo	re hours	s per da	y (on ar	averag	ge schoo	ol day)	•			
											61.6	48.3	48.2	32.4	Decreased, 2013-2018	Not available [¶]	Decreas
											01.0		.0.2	02	20104304, 2010 2010	Tion available	200104
counting martpho	g time s one, con	pent on nputer,	things s	such as j	olaying	eo or cor games, v	watchin	g videos	, texting	g, or usi	ter 3 or	more h	ours per	r day sir an	,	Not available	
counting martpho verage s	g time sone, conschool d	pent on nputer, lay)	things s Xbox, P	such as playStati	olaying on, iPad	games, v	watching er tablet	g videos , for sor	, texting nething	g, or usi that wa	ter 3 or ng soci s not so 47.3	more hal medichool we	ours per a on the ork, on 52.8	r day eir an 54.6	,		No char

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

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

hysical	· - · J	,		Н	lealth R	Risk Bel	navior a	nd Pero	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	5 2018	3		
					o attend	ded phys	sical edu	cation (PE) cla	sses on	all 5 day	ys (in a	n avera	ge			
eek wii	en mey	were iii	school))													
											15.9	16.1	8.5	24.6	No linear change	Not available¶	Increase
														,	No linear change	Not available [¶]	Increas
N45: I							one sport		(countin	ng any te				,	No linear change	Not available [¶]	Increase
)N45: I									(countin	g any to				,	No linear change Decreased, 2014-2018	Not available [¶] Not available	Increase No chan
N45: I ommun N46: I	ercenta	ips, duri	ng the p	who had	a concu	before th		y)			eams rui	n by the 58.6	eir scho	ol or 48.6			

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

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

Black* Other																	
				H	Iealth R	Risk Beh	navior a	nd Pero	centages	S					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN47: 1	Percenta	age of st	udents v	who had	l ever be	en told	by a doo	ctor or n	urse tha	t they h	ad asth	ma					
											28.1	23.8	27.4	29.5	No linear change	Not available¶	No change
QN48: 1	Percenta	nge of st	tudents v	who got	8 or mo	ore hours	s of slee	p (on ar	n averag	e schoo			27.4	29.5	No linear change	Not available [¶]	No change
QN48: 1	Percenta	age of st	udents v	who got	8 or mo	ore hours	s of slee	p (on ar	averag	e schoo			27.4 49.6	29.5 49.9	No linear change	Not available [¶] Not available	No change
QN48: 1	Percenta	nge of st	,			·				·	l night) 44.6	54.0	49.6	49.9			

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

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

Maryland Middle School Survey Baltimore County Trend Analysis Report

Black* Site-Added **Health Risk Behavior and Percentages** Linear Change[†] Quadratic Change[†] Change from 2016-2018 § 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QN52: Percentage of students who have ever ridden in a car driven by someone who was texting while they were driving the car No linear change Not available ¶ Decreased 47.3 57.6 45.1 QN54: Percentage of students who felt sad or hopeless (almost every day for >=2 weeks in a row so that they stopped doing some usual activities, ever during the 12 months before the survey) No linear change Not available No change 24.7 23.9 23.6 25.8 QN55: Percentage of students who smoked a whole cigarette before age 11 years (for the first time) 2.4 1.8 1.7 0.5 No linear change Not available No change QN62: Percentage of students who think they definitely or probably will smoke a cigarette, cigar, cigarillo, or little cigar in the next year 10.2 4.6 Decreased, 2016-2018 Not available Decreased

^{*}Non-Hispanic.

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

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

Not enough years of data to calculate.

Maryland Middle School Survey Baltimore County Trend Analysis Report

Black* Site-Added **Health Risk Behavior and Percentages** Linear Change[†] Quadratic Change[†] Change from 2016-2018 § 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 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) 2.5 2.4 2.2 0.8 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) Not available 4.3 5.6 0.8 Decreased, 2014-2018 Decreased QN66: Percentage of students who live with someone who now smokes cigarettes or cigars 35.0 34.6 32.4 30.4 No linear change Not available No change

79.6 77.8

No linear change

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

ON67: Percentage of students who report the rule about smoking inside their home is that smoking is not allowed

No change

Not available

^{*}Non-Hispanic.

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

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

Not enough years of data to calculate.

				H	Iealth R	Risk Beh	avior a	nd Pero	centage	S					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
	Percenta he 7 day				e in the	same ro	om with	n some	one who	was sm	oking (on at le	ast one	day			
													16.6	16.3	No linear change	Not available¶	No change
	Percenta ays befo			who cur	rently di	rank alco	ohol (at	least on	ne drink	of alcol	nol, on a	at least	l day dı	ıring			,
				who cur	rently di	rank alco	ohol (at	least on	ne drink	of alcoh	nol, on a	at least 5.1	1 day dı 11.9	10.0	No linear change	Not available	No chang
N70:	ays befo	ore the s	urvey)			rank alco					8.7	5.1	11.9	10.0	No linear change	Not available	No chang
N70:	ays befo	ore the s	urvey)								8.7	5.1	11.9	10.0	No linear change	Not available Not available	No chang
QN70: urvey)	Percenta	age of st	udents v	who cur	rently us		juana (c	one or m	nore tim	es durin	8.7 ag the 30 8.2	5.1 O days t 5.8	11.9 Defore th	10.0 ne 4.7			

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

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

Maryland Middle School Survey Baltimore County Trend Analysis Report

Black* Site-Added **Health Risk Behavior and Percentages** Linear Change[†] Quadratic Change[†] Change from 2016-2018 § 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QN72: Percentage of students who saw a dentist (for a check-up, exam, teeth cleaning, or other dental work, during the 12 months before the survey) No linear change Not available ¶ No change 64.4 61.6 QN73: Percentage of students who were taught in their classes about the dangers of tobacco use (during the last school year) 86.3 83.3 74.7 77.0 Decreased, 2013-2018 Not available No change QN74: Percentage of students who participate in extracurricular activities at school (such as sports, band, drama, clubs, or student government) 60.1 65.4 56.9 Not available 53.4 Decreased, 2013-2018 No change QN77: Percentage of students who say definitely yes or probably yes that young people who smoke have more friends 40.4 37.9 35.1 36.6 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.

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

Not enough years of data to calculate.

997 1999 lents who say		2005 yes or probab	2007 bly yes t	2009 hat smo	2011 oking m		2014	2016	2018			
lents who say	definitely y	yes or probal	bly yes ti	hat smo	king m	akes vo	-	-				
						ukes ye	ung pec	ple look	cool			
						25.5	21.8	18.7	19.6	No linear change	Not available¶	No change
		trongly disap	oprove o	of some	one thei	r age ha	aving on	e or two				
υ,	J J							77.2	77.9	No linear change	Not available	No change
	erage nearly e	erage nearly every day	erage nearly every day ents who responded that their parent	erage nearly every day ents who responded that their parents would	erage nearly every day ents who responded that their parents would feel it w	erage nearly every day ents who responded that their parents would feel it would b	erage nearly every day ents who responded that their parents would feel it would be wrong	erage nearly every day ents who responded that their parents would feel it would be wrong or very	erage nearly every day 77.2	77.2 77.9 ents who responded that their parents would feel it would be wrong or very wrong for	erage nearly every day 77.2 77.9 No linear change ents who responded that their parents would feel it would be wrong or very wrong for	erage nearly every day 77.2 77.9 No linear change Not available ents who responded that their parents would feel it would be wrong or very wrong for

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

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

				H	ealth R	isk Beh	navior a	nd Per	centage	s					Linear Change [†]	Quadratic Change [†]	Change from 2016-2018 §
1991 1	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN81: Per in other wa													(physic	ally or			
											68.5	64.5	76.0	71.6	No linear change	Not available [¶]	No change
											00.5	04.5	70.0	71.0	No finear change	1,00 a, ana	
											ing the	nselves	(physic		No linear change	Not available	No chang
QN82: Per and in othe	er way	s) if the	ey have	five or n	nore dri	nks of a	lcohol (beer, w	ine, or li	iquor) o	ing there or 1	mselves twice a	(physic week 78.6	rally 74.3			No change
and in othe	er way	s) if the	ey have	five or n	nore dri	nks of a	lcohol (beer, w	ine, or li	iquor) o	ing there or 1	mselves twice a	(physic week 78.6	rally 74.3			No chang No chang
QN83: Per	er way:	ge of st	udents v	who hav	e an adu	nks of a	de of sca	beer, w	ey can ta	iquor) o	73.5 cout thin	mselves twice a 71.2 ngs that	(physic week 78.6 are imp	74.3 ortant 81.5	No linear change	Not available	

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

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

Site-Add	led			E	Iealth R	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			
QN85:				who talk	ced to a	teacher (or other	adult in	their so	chool ab	out a ne	ersonal	problen	n they			
ma (dd)	ring the	12 mont	ths befor	re the su	ırvey)						36.3	31.5	36.5	32.8	No linear change	Not available¶	No change

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

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

Maryland Middle School Survey Baltimore County Trend Analysis Report

Injury and Violence Health Risk Behavior and Percentages Linear Change* Quadratic Change* Change from 2016-2018 [†] 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 QN6: Percentage of students who rarely or never wore a bicycle helmet (among students who had ridden a bicycle) 82.7 65.6 74.8 69.1 No linear change Not available§ No change QN8: Percentage of students who rarely or never wore a seat belt (when riding in a car)

14.4

12.3

8.8

21.6 15.9

Decreased, 2013-2018

No linear change

Not available

Not available

31.7 22.0 28.0 25.6 No linear change Not available No change

20.2 19.8

QN9: Percentage of students who ever rode with a driver who had been drinking alcohol (in a car)

QN10: Percentage of students who ever carried a weapon (such as a gun, knife, or club)

Hispanic

No change

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 Baltimore County Trend Analysis Report

Hispanic

				Н	ealth R	isk Beha	avior ar	d Perc	entages						Linear Change [*]	Quadratic Change*	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN11: 1	Percenta	age of s	tudents	who we	re ever i	n a phys	sical figl	nt	:		:		:				
											62.2	43.9	59.7	47.2	No linear change	Not available [§]	No change
0)11.4	.					1 .1	1. 1	. 1 '11'									
QN14: 1	Percenta	age of s	tudents	who eve	er seriou	sly thou	ght abou	it killing	g thems	elves	26.2	14.8	27.1	29.7	No linear change	Not available	No change
																	2.10 282
QN15: 1	Percenta	age of s	tudents	who eve	er made	a plan al	bout hov	v they v	vould ki	ll them	selves						;
													21.6	17.2	No linear change	Not available	No change
ONIC	D				4	. 1.:11 41.											
QN16: 1	Percent	age of s	tudents	wno eve	er tried t	O KIII UNG	emserve	S					12.4	15.5	No linear change	Not available	No change
														10.0	1.0 miles blisses	1.00 a. anaore	1.5 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.

Hispanic Fobacco																	
				Н	ealth R	isk Beh	avior aı	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN17:	Percenta	age of s	tudents	who eve	er tried c	cigarette	smokin	g (even	one or t	wo pufi	fs)		12.3	8.4	No linear change	Not available [§]	No change
QN18: puffs)	Percenta	age of s	tudents	who trie	d cigare	ette smo	king for	the firs	t time bo	efore ag	e 11 ye	ars (eve	9.9	two 4.5	No linear change	Not available	No change
QN19: survey)	Percenta	age of s	tudents	who cur	rently si	moked o	cigarette	s (on at	least 1 o	lay duri	ng the 3	30 days 4.6	before t	he 1.0	Decreased, 2013-2018	Not available	No change
QNFRC days bet				ents wh	o curren	ntly smo	ked ciga	arettes fi	requentl	y (on 20	or mo	re days	during t	he 30			,

^{*}Based on trend analyses using a logistic regression model controlling 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 County Trend Analysis Report

				Н	ealth Ri	isk Beha	avior aı	nd Perc	entages						Linear Change*	Quadratic Change [*]	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
													-		-		
QNDAY			ge of stu	ıdents w	vho curr	ently sn	noked c	igarettes	s daily (on all 30	days o	during t	he 30 da	ıys			
QNDAY before th			ge of stu	idents w	vho curr	ently sn	noked c	igarettes	s daily (on all 30	0 days o	during th	he 30 da	0.0	Not available	Not available [§]	Not available
			ge of stu	idents w	vho curr	ently sn	noked c	igarettes	s daily (on all 30					Not available	Not available [§]	Not available
	ne surve	y)						,		on all 30					Not available	Not available [§]	Not avail

8.4

9.1 10.2

No linear change

Not available

QN22: Percentage of students who currently used an electronic vapor product (on at least 1 day during the 30 days

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

before the survey)

Hispanic

during the 30 days before the survey)

No change

Not available Not available 0.0 0.6 1.3 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.

Hispanic 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			
QNDAY				udents v	who cur	rently us	sed elec	tronic v	apor pro	ducts d	aily (on	all 30 c	lays dur	ing			
the 30 da	ays bere	ne uie s	uivey)									0.0	0.6	1.3	Not available	Not available [§]	No change
QN24: dissolva	ble toba	icco pro	ducts [si	uch as C	Copenha	gen, Gri	izzly, Sk	coal, or	Camel S					nic			
													3.6	5.2	No linear change	Not available	No change
QN25: I					rently si	noked c	eigars (c	igars, ci	garillos	, or little	e cigars,	on at le	east 1 da	ıy	,		
											9.0	5.5	5.5	3.4	No linear change	Not available	No change

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

[§]Not enough years of data to calculate.

Hispanic Alcohol a	Hispanic Alcohol and Other Drug Use Health Risk Behavior and Percentages													Linear Change*	Quadratic Change [*]	Change from 2016-2018 [†]	
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN26:	Percent	age of si	tudents	who eve	er drank	alcohol	(other t	han a fe	w sips)		33.8	18.6	30.4	26.9	No linear change	Not available [§]	No change
QN27:	Percent	age of st	tudents	who dra	nk alcol	hol for t	he first t	ime bef	ore age	11 year	s (other	than a f	few sips)			
											19.8	9.3	15.4	9.3	No linear change	Not available	No change
QN28:	Percent	age of si	tudents	who eve	er used r	narijuan	ıa				14.5	10.5	12.6	8.4	No linear change	Not available	No change
QN29:	Percent	age of st	tudents	who trie	d mariji	uana for	the first	t time be	efore ag	e 11 yea	ars 4.3	9.8	7.4	2.1	No linear change	Not available	Decreased

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

[§]Not enough years of data to calculate.

	Health Risk Behavior and Percentages														Linear Change*	Quadratic Change*	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
differer	Percenta tly than odone, ar	how a d	octor to											•			
ny arock	done, u		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,										7.5	9.3	No linear change	Not available§	No change
QN31:	Percenta	age of st	udents	who eve	r used c	ocaine (any forr	n of coc	caine, in	cluding	powder	r, crack,	or freel	oase)			
											9.0	6.6	8.1	3.5	No linear change	Not available	No change
	Percenta any pair					nhalants	(sniffed	l glue, b	reathed	the con	tents of	spray c	ans, or				
											18.0	9.0	16.3	5.5	Decreased, 2013-2018	Not available	Decreased
QN33:	Percenta	age of st	udents	who eve	r took s	teroids v	vithout a	a doctor	's presci	ription (pills or	shots)		-			

^{*}Based on trend analyses using a logistic regression model controlling 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 County Trend Analysis Report

Hispanic

Sexual Be	ehaviors	S		Н	ealth Rì	isk Beha	avior an	d Perce	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN34:	Percenta	age of st	udents v	who eve	r had se	exual int	ercourse					9.1	8.6	9.9	No linear change	Not available [§]	No change
QN35:	Percenta	nge of st	udents v	who had	sexual	intercou	irse for t	he first	time be	fore age	e 11 yea	rs 4.2	5.1	1.7	No linear change	Not available	No change
QN36:	Percenta	ige of st	udents v	who eve	r had se	xual int	ercourse	with th	ree or n	nore per	rsons	5.1	3.3	1.7	No linear change	Not available	No change

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

[§]Not enough years of data to calculate.

				Н	ealth Ri	sk Beha	avior ar	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN38:	Percenta	ige of st	udents v	who des	cribed th	hemselv	es as sli	ghtly or	r very ov	verweig	ht 23.2	24.2	36.2	24.5	No linear change	Not available [§]	No change
QN39:	Percenta	ige of st	udents v	who wei	e trying	to lose	weight	,			41.7	56.2	51.1	39.9	No linear change	Not available	Decreased
QN40:	Percenta	ige of st	udents v	who did	not eat	breakfas	st (durin	g the 7	days be	fore the	survey)					
											11.4	16.9	16.2	16.2	No linear change	Not available	No change
QNBK7	DAY: I	Percenta	ge of st	udents v	who ate	breakfas	st on all	7 days	(during	the 7 da	ys befo	ore the s	ırvey)		,		
											52.5	42.3	43.1	47.1	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.

lispanic hysical				Н	ealth Ri	sk Beha	avior ar	nd Perc	entages						Linear Change [*]	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN41: kind of p	physical	activity															
<i>y</i>											52.9	35.7	33.6	44.3	No linear change	Not available§	No change
QNPA0 1 day (in during the	n any kii	nd of ph	ysical a	ctivity tl													
											14.1	19.6	22.7	18.9	No linear change	Not available	No change
QNPA7 kind of j	physical	activity	ge of stu that inc	udents v	who wer	e physic art rate a	cally act	ive at le	ast 60 n breathe	ninutes hard so	per day me of t	on all 7	days (i during t	n any he 7			,
-		- /									29.6	20.7	18.1	24.6	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.

Hispanic Physical Activ	ty		Н	ealth Ri	isk Beha	avior ar	nd Perc	entages						Linear Change*	Quadratic Change [*]	Change from 2016-2018
1991 1993	3 1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN42: Perce	ntage of	students	who wat	tched tel	evision	3 or mo	re hour	s per da	y (on ar	averag	e schoo	l day)				
										56.0	36.0	29.7	24.3	Decreased, 2013-2018	Not available§	No change
QN43: Perce (counting time smartphone, caverage school	e spent or omputer.	n things	such as j	playing	games,	watchin	g videos	s, textin	g, or usi	ng soci	al medi	a on the	ir			
										39.1	37.9	43.6	43.8	No linear change	Not available	No change
QN44: Perce week when the				ended ph	ysical e	ducation	n (PE) c	lasses o	n 1 or r	nore da	ys (in aı	n averag	ge			
										89.5	91.0	75.1	89.6	No linear change	Not available	Increased

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

[§]Not enough years of data to calculate.

Maryland Middle School Survey Baltimore County Trend Analysis Report

Hispanic **Physical Activity Health Risk Behavior and Percentages** Linear Change* Quadratic Change* Change from 2016-2018 [†] 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QNDLYPE: Percentage of students who attended physical education (PE) classes on all 5 days (in an average week when they were in school) 25.7 26.5 7.9 33.1 No linear change Not available§ No change QN45: Percentage of students who played on at least one sports team (counting any teams run by their school or community groups, during the past 12 months before the survey) 53.9 50.3 50.5 No linear change Not available No change QN46: Percentage of students who had a concussion from playing a sport or being physically active (one or more times during the 12 months before the survey)

23.6

24.3

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.

Hispanic Other																	
				Н	ealth R	isk Beha	avior ar	d Perc	entages						Linear Change*	Quadratic Change [*]	Change from 2016-2018 [†]
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QN47:	Percenta	age of s	tudents	who had	l ever be	en told	by a doo	ctor or n	urse tha	at they h	ad asth	ma	·				
											18.3	20.9	21.3	21.7	No linear change	Not available [§]	No change
QN48:	Percenta	age of s	tudents	who got	8 or mo	ore hour	s of slee	p (on ar	n averag	e schoo	l night)						
											52.8	56.3	54.4	52.8	No linear change	Not available	No change
QN49: before the			tudents	who des	scribed t	heir grad	des in sc	hool as	mostly	A's or E	3's (duri	ng the	12 mont	ths			,
												73.3	73.5	72.0	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.

lispanic ite-Addo																	
				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			
QN52: driving		age of s	tudents	who hav	e ever r	idden in	a car d	riven by	someo	ne who	was tex	ting wh	ile they	were			
												39.3	47.7	43.8	No linear change	Not available§	No change
				who felt							eks in a	row so 27.1	that the	y 32.2	No linear change	Not available	No change
QN55:	Percenta	age of s	tudents	who sm	oked a v	whole ci	garette l	pefore a	ge 11 ye	ears (for	the firs	t time)					
											7.0	2.3	4.6	1.1	No linear change	Not available	No change
QN62: little cig				who thii	nk they	definitel	y or pro	bably w	ill smol	ke a ciga	arette, c	igar, cig	garillo, o	or	,		,
0		J											14.4	10.0	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.

Iispanic ite-Addo																	
				Н	ealth R	isk Beh	avior ar	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN63: flavored survey)																	
											4.4	2.1	4.4	2.0	No linear change	Not available [§]	No change
QN64: the surv		age of s	tudents	who trie	ed or use	ed tobaco	co produ	icts for	the first	time (d	uring th	e 12 mo	onths be	fore			
												5.2	6.3	4.9	No linear change	Not available	No change
QN66:	Percent	age of s	tudents	who live	e with so	omeone	who no	w smok	es cigar	ettes or	cigars		-				
											48.5	38.3	29.2	33.1	Decreased, 2013-2018	Not available	No change
QN67: anywhei									de their	home is	that sm	oking is	s not all	owed			
													85.3	84.9	No linear change	Not available	No change

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

[§]Not enough years of data to calculate.

Maryland Middle School Survey **Baltimore County Trend Analysis Report**

Site-Added **Health Risk Behavior and Percentages** Linear Change* Quadratic Change* Change from 2016-2018 [†] 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QN68: Percentage of students who were in the same room with someone who was smoking (on at least one day during the 7 days before the survey) 15.5 15.1 No linear change Not available§ No change QN69: Percentage of students who currently drank alcohol (at least one drink of alcohol, on at least 1 day during the 30 days before the survey) 13.9 12.4 12.7 10.7 No linear change Not available No change

10.6 10.3 5.0 5.5 No linear change Not available No change

17.1

9.1

10.3

6.8

No linear change

Not available

QN70: Percentage of students who currently used marijuana (one or more times during the 30 days before the

QN71: Percentage of students who were offered, sold, or given an illegal drug on school property (during the 12

months before the survey)

Hispanic

survey)

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

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

[§]Not enough years of data to calculate.

Maryland Middle School Survey Baltimore County Trend Analysis Report

Site-Added **Health Risk Behavior and Percentages** Linear Change* Quadratic Change* Change from 2016-2018 [†] 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 QN72: Percentage of students who saw a dentist (for a check-up, exam, teeth cleaning, or other dental work, during the 12 months before the survey) 56.0 62.4 No linear change Not available§ No change QN73: Percentage of students who were taught in their classes about the dangers of tobacco use (during the last school year)

80.1 78.6 73.8 67.1 Decreased, 2013-2018

61.8 53.8 57.7 54.8

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

QN74: Percentage of students who participate in extracurricular activities at school (such as sports, band, drama,

39.9 30.7 38.5 31.6 No linear change Not available No change

No linear change

Not available

Not available

Hispanic

clubs, or student government)

No change

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

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

[§]Not enough years of data to calculate.

Maryland Middle School Survey Baltimore County Trend Analysis Report

Hispanic Site-Added **Health Risk Behavior and Percentages** Linear Change* Quadratic Change* Change from 2016-2018 [†] 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QN78: Percentage of students who say definitely yes or probably yes that smoking makes young people look cool or fit in 19.8 17.6 22.9 26.8 No linear change Not available§ No change QN79: Percentage of students who somewhat or strongly disapprove of someone their age having one or two drinks of an alcoholic beverage nearly every day 74.7 74.1 No linear change Not available No change

86.3 83.7 85.0

90.7

No linear change

Not available

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

^{*}Based on trend analyses using a logistic regression model controlling 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 County Trend Analysis Report**

Hispanic Site-Added **Health Risk Behavior and Percentages** Linear Change* Quadratic Change* Change from 2016-2018 [†] 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QN81: Percentage of students who think people are at moderate or great risk of harming themselves (physically or in other ways) if they have one or two drinks of alcohol (beer, wine, or liquor) nearly every day 62.8 65.8 70.3 70.4 No linear change Not available§ No change QN82: Percentage of students who think people are at moderate or great risk of harming themselves (physically and in other ways) if they have five or more drinks of alcohol (beer, wine, or liquor) once or twice a week 70.4 64.0 64.8 66.6 No linear change Not available No change QN83: Percentage of students who have an adult outside of school they can talk to about things that are important to them 78.9 84.2 79.6 83.3 No linear change Not available No change

73.7

80.1 79.3 81.9

No linear change

Not available

QN84: Percentage of students who would feel comfortable seeking help from one or more adults besides their

parents if they had an important question affecting their life

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

[§]Not enough years of data to calculate.

				Н	ealth R	isk Beha	avior an	nd Perce	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
-		_				teacher	or other	adult in	n their so	chool abo	out a per	rsonal p	roblem	they			
-		_	udents v			teacher	or other	adult in	their so		•	1		•	No linear change	Not available [§]	No chang
-		_				teacher	or other	adult in	n their so		•	1	oroblem 31.0	37.1	No linear change	Not available [§]	No chang
ad (duri N86: F	ing the	12 mon	ths before	re the su	irvey)						•	34.1	31.0	37.1	No linear change	Not available [§]	No chang

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

[§]Not enough years of data to calculate.