## **Maryland High School Survey Dorchester County Trend Analysis Report**

'otal njury an	d Viol	ence			Н	ealth R	isk Beh	avior aı	nd Perc	entages						Linear Change <sup>*</sup>	Quadratic Change*	Change from 2016-2018 †
1991	1993	19	95	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN9: Por more								ho had	been dri	nking al	lcohol (i	n a car	or other	vehicle	e, one	-		
or more	times .	,	5 une	o o day	o crore	e the su	., (3)					23.5	23.0	18.2	21.5	Decreased, 2013-2018	Not available§	No change

times during the 30 days before the survey, among students who had driven a car or other vehicle during the 30 days before the survey) 17.6 11.0 15.3 5.8 Decreased, 2013-2018 Not available Decreased

QN10: Percentage of students who drove a car or other vehicle when they had been drinking alcohol (one or more

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

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

				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	-		
			tudents v urvey, a														
											40.3	33.5	41.7	31.5	No linear change	Not available§	Decreased
											10.5	22.0	,	0110	Tio micur change	1 (of a variable	Decreased
			tudents v			eapon o	n school	l proper	ty (such	as a gu					- To mout comingo		Beereased
			tudents v before th			eapon o	n school	l proper	ty (such	as a gu					No linear change	Not available	
day duri	ng the 3  Percenta	30 days l		ne surve	ried a gu	ın (not c	counting	the day	s when	they car	n, knife 7.9 rried a g	, or club	o, on at 1	least 1 8.5			No change

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

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

Fotal Injury an	ıd Viole	nce		Н	ealth R	isk Beh	avior aı	nd Perc	entages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2016-2018 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	5 201	8		
QN16: knife, or										on scho	ol prop	erty (su	ch as a	gun,			
											10.7	8.9	12.9	14.1	No linear change	Not available§	No change
QN18: 1				who we	re in a p	hysical	fight on	school	property	(one of	r more	times d	uring th	e 12			
											16.6	18.0	16.3	13.3	Decreased, 2013-2018	Not available	No change
QN22: someone with an went out	e they wo	ere dati r weapo	ng or go on] one o	oing out or more	with [co	ounting uring the	such thi e 12 mo	ngs as b	eing hit	, slamm	ed into	someth	ing, or	injured			
											14.3	13.8	17.0	16.5	No linear change	Not available	No change

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

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

Total Injury and	Violei	nce		Н	ealth R	isk Beh	avior ar	nd Perc	entages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2016-2018 <sup>†</sup>
1991 1	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	<u> </u>		
QN23: Pe	ercenta	ge of st	tudents	who we	re bullie	ed on scl	nool pro	perty (e	ver duri	ng the 1	2 mont	hs befor	re the su	ırvey)			
											23.8	20.9	23.3	23.2	No linear change	Not available <sup>§</sup>	No change
QN24: Pe Facebook,											l throug	h textir	ıg, Insta	ıgram,			
											13.3	15.6	19.9	17.5	No linear change	Not available	No change
QN25: Pe stopped do											eks in a	row so	that the	УУ			,
											25.0	25.2	33.2	32.9	Increased, 2013-2018	Not available	No change

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

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

Total Injury ai	nd Viole	ence		Н	ealth R	isk Beh	avior aı	nd Perc	entages						Linear Change*	Quadratic Change <sup>*</sup>	Change from 2016-2018 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN26: survey)	Percent	age of s	tudents	who ser	iously c	onsidere	ed attem	pting su	iicide (e	ver duri	ng the 1	12 mont	hs before	re the			
•											16.5	16.7	24.1	20.9	No linear change	Not available <sup>§</sup>	No change
QN27: before t		_	tudents	who ma	de a pla	n about	how the	y would	d attemp	ot suicid	e (durin	g the 12	2 month	s	,		,
											12.8	12.4	22.3	18.4	Increased, 2013-2018	Not available	No change

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

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

Total Tobacco	Use																
				Н	ealth R	isk Beh	avior aı	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN32: survey)	Percent	age of s	tudents	who cur	rently s	moked o	eigarette	s (on at	least 1 d	day duri	ing the 3	30 days	before t	he			
											17.7	15.6	17.8	11.7	Decreased, 2013-2018	Not available <sup>§</sup>	No change
QNFRC days bef				lents wh	o currer	ntly smo	ked ciga	arettes fi	requentl	y (on 20	or moi	re days	during t	he 30	,		,
		,									6.9	5.2	5.9	3.6	No linear change	Not available	No change
QNDAY before th			nge of st	udents v	who curi	rently sr	noked c	igarettes	s daily (	on all 3	0 days d	luring th	ne 30 da	ys			
											5.8	4.0	4.6	3.0	No linear change	Not available	No change
QN34: vape pip eGo, and	es, vap	ing pens															
												42.5	45.2	54.2	Increased, 2014-2018	Not available	Increased

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

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

obacco '	OSC			Н	ealth R	isk Beh	avior ar	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN35: e-pipes, Plus, eG	vape pi	pes, vap	ing pen	s, e-hoo	kahs, an	nd hooka	h pens	[such as	blu, NJ								
												25.8	18.3	34.8	Increased, 2014-2018	Not available <sup>§</sup>	Increased
QNFRE during th					o currer	ntly used	l electro	nic vap	or produ	icts freq	quently (	(on 20 c	or more	days			
												4.9	5.2	9.4	Increased, 2014-2018	Not available	No change
QNDAY the 30 d				tudents	who cur	rently us	sed elec	tronic va	apor pro	ducts d	aily (on	all 30 d	lays du	ring			
												3.9	4.7	7.2	Increased, 2014-2018	Not available	No change
QNTB5 day duri						smoked	cigaret	tes or us	sed elect	tronic v	apor pro	oducts	(on at le	east 1			
												31.5	28.2	38.9	Increased, 2014-2018	Not available	Increased

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

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

Total Tobacco	Use				LI D			1.0	_						**		CI 6
				Н	ealth K	isk Beh	avior ai	id Perc	entages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QN36: (such as survey,	a conve	enience	store, su	ipermar!	ket, disc	count sto	re, gas	station,	or vape	store, d	uring th	e 30 da					
													19.6	11.5	No linear change	Not available <sup>§</sup>	No change
QN37: dissolva vapor pr	ble toba	icco pro	ducts [s	uch as C	Copenha	gen, Gr	izzly, Sl	coal, or	Camel S					nic			
													16.4	14.2	No linear change	Not available	No change
QN38: during the					rently si	moked c	eigars (c	igars, ci	garillos	, or little	e cigars.	on at le	east 1 da	ny	,		
C		•		3,							13.0	13.0	15.8	11.2	No linear change	Not available	No change

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

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

## **Maryland High School Survey Dorchester County Trend Analysis Report**

Total **Tobacco Use** 

> **Health Risk Behavior and Percentages** Linear Change\* Quadratic Change\* Change from 2016-2018

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

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

22.1 20.7 24.0 17.2 Decreased, 2013-2018

Not available§

No change

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

Total Alcohol a	nd Oth	er Druş	g Use	Н	ealth Ri	isk Beha	avior ar	nd Perc	entages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2016-2018 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN40: 1	Percenta	age of s	tudents	who had	l their fi	rst drink	of alco	hol befo	ore age	13 years	s (other	than a f	ew sips	)			
											22.5	21.3	22.6	20.8	No linear change	Not available§	No change
QN41: 1 the 30 da				who cur	rently d	rank alc	ohol (at	least or	e drink	of alcol	hol, on	at least	1 day dı	uring			
											35.9	28.1	26.9	25.2	Decreased, 2013-2018	Not available	No change
QN42: I female s day duri	tudents	or five	or more	drinks o	of alcoho										,		
													16.5	12.8	No linear change	Not available	No change

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

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

Total Alcohol a	and Oth	er Druş	g Use		141. D	:.L. D.,L	•	. J. D	4						*	One hout Chan *	Clares from
				н	eaith K	isk Beh	avior ai	1a Perc	entages						Linear Change <sup>*</sup>	Quadratic Change*	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN45:	Percent	age of st	tudents	who eve	er used r	narijuan	a (one o	or more	times dı	iring the	eir life)						
											35.5	33.0	31.2	29.9	Decreased, 2013-2018	Not available <sup>§</sup>	No change
QN46:	Percent	age of st	tudents	who trie	ed mariji	uana for	the first	t time b	efore ag	e 13 yea	ars		-				
											11.7	10.6	12.6	11.7	No linear change	Not available	No change
QN47: survey)	Percenta	age of st	tudents	who cur	rently u	sed mar	ijuana (d	one or n	nore tim	es durir	ng the 3	0 days l	pefore th	ne			
• ,											22.0	18.9	20.7	15.0	Decreased, 2013-2018	Not available	No change
QN48:	Percent	age of st	tudents	who eve	er used s	synthetic	marijua	ana (one	e or mor	e times	during	their lif	e)				
												13.4	14.9	11.1	No linear change	Not available	No change

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

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

				Н	ealth Ri	sk Beha	vior an	d Perce	ntages						Linear Change*	Quadratic Change*	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
differer	Percenta tly than odone, a	how a d	octor to	ld them	to use i	t (counti	ng drugs	such as									
													17.5	14.7	No linear change	Not available <sup>§</sup>	No change
	Percenta nore tim				r used c	ocaine (	any forn	of coca	aine, inc	cluding	powder	r, crack	, or free	base,	·		
											9.8	8.0	13.7	13.0	No linear change	Not available	No change
														-	·		
	Percenta		udents	who eve	r used h	eroin (a	lso calle	d "smac	k," "jun	k," or "	'China V	White,"	one or	more			
			udents v	who eve	r used h	eroin (a	lso calle	d "smac	k," "jun	k," or "	'China V 8.2	White," 7.3	one or 1	more	No linear change	Not available	No change
QN53:		ir life)  age of st	udents	who eve	r used n	nethamp					8.2	7.3	13.2	11.6	No linear change	Not available	No change

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

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

Total Alcohol a	nd Oth	er Druş	g Use														
				Н	ealth R	isk Beh	avior aı	nd Perc	entages						Linear Change <sup>*</sup>	Quadratic Change*	Change from 2016-2018 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN54:	Percenta	age of s	tudents	who eve	r used e	cstasy (	also call	led "MD	MA," c	one or m	nore tim	es durir	ng their	life)			
											11.4	8.7	14.8	12.7	No linear change	Not available <sup>§</sup>	No change
QN56: body, or						ed any il	llegal dr	ug (used	l a need	lle to inj	ect any	illegal	drug int	o their			
											5.8	4.9	12.7	9.0	No linear change	Not available	No change
QN57: months				who we	re offere	ed, sold,	or give	n an ille	gal drug	g on sch	ool prop	perty (d	uring th	e 12			
											29.6	25.5	25.6	26.4	No linear change	Not available	No change

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

Not enough years of data to calculate.

## **Maryland High School Survey Dorchester County Trend Analysis Report**

exual B	cnavio	ors			Не	alth Ri	sk Beha	avior an	d Perc	entages						Linear Change*	Quadratic Change <sup>*</sup>	Change from 2016-2018 †
1991	1993	3 1	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
		_	_		-													
QN58:	Percen	ntago	e of stu	idents w	ho ever	had se	xual inte	ercourse				51.0	48.2	42.7	38.2	Decreased, 2013-2018	Not available <sup>§</sup>	No change

16.8 15.9 13.5

8.6 Decreased, 2013-2018

35.6 37.7 31.1 29.9 Decreased, 2013-2018

Not available

Not available

QN60: Percentage of students who had sexual intercourse with four or more persons during their life

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

Total

during the 3 months before the survey)

No change

No change

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

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

xuai D	ehaviors	•		Н	ealth Ri	sk Beh	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	-		
	Percenta re curren				nk alcoh	nol or us	ed drug	s before	last sex	tual inte	ercourse	(among	g studen	ts			
											23.6	24.4	30.7	18.2	No linear change	Not available§	No change
	Percenta y sexual			who use	d a conc	lom dur	ing last	sexual i	ntercou	rse (amo	ong stud	dents wh		47.7	No linear change	Not available	No change
		age of st					oills befo	ore last s	sexual ii	ntercou	rse (to p	revent p	oregnand	cy,			
	Percenta students	who we	ic curre											260	NT 11 1		
		who we	ic curre	J							20.9	26.3	18.0	26.8	No linear change	Not available	No change
among s		ercentag	ge of stu	dents w							or impl	ant (suc	h as Imp	olanon	No linear change	Not available	No change

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

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

				Н	ealth Ri	sk Beha	avior an	d Perce	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
control 1	ARG: I	ch as Nu	vaRing)														
	,	J	,,								8.7	6.0	6.3	6.4	No linear change	Not available§	No change
implant control	IHPL: I (such as ring (suc y sexual	s Implan ch as Nu	on or NovaRing)	explano	n); or a	shot (su	ch as D	epo-Pro	vera), p	atch (su	ch as O	rthoEvr	a), or bi		No linear change	Not available	No change
pills; an Depo-Pi	ALBC: IUD (su rovera), ent preg	ich as M patch (s	Iirena oi uch as C	r ParaGa OrthoEv	ard) or i ra), or b	mplant ( irth con	(such as trol ring	Implan (such a	on or No s Nuval	explano	n); or a	shot (su	ich as				

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

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

## **Maryland High School Survey Dorchester County Trend Analysis Report**

Total **Sexual Behaviors** Linear Change\* **Health Risk Behavior and Percentages** Quadratic Change\* Change from 2016-2018 <sup>†</sup> 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QNBCNONE: Percentage of students who did not use any method to prevent pregnancy during last sexual intercourse (among students who were currently sexually active)

15.4 16.4 20.8 19.2

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

> 24.2 23.5 Increased, 2014-2018 Not available No change

No linear change

Not available§

No change

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

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

				Н	ealth Ri	sk Beha	avior ar	nd Perco	entages						Linear Change <sup>*</sup>	Quadratic Change*	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
			of studen d age-sp									ile for b	ody ma	ss			
											16.4	20.0	19.5	15.8	No linear change	Not available <sup>¶</sup>	No change
			e of stud ata from						le for bo	ody mas	s index	, based o	on sex-	and			
											17.4	17.2	19.3	20.3	No linear change	Not available	No change
															·		
QN67:	Percenta	age of st	udents v	vho des	cribed tl	hemselv	es as sli	ghtly or	very ov	erweigl	nt						
QN67:	Percenta	age of st	udents v	who des	cribed t	hemselv	es as sli	ghtly or	very ov	·	nt 27.4	27.2	24.1	25.1	No linear change	Not available	No change
QN69:		age of st	tudents v								27.4				No linear change	Not available	No change

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

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

Not enough years of data to calculate.

				Н	ealth Ri	sk Beha	avior ar	d Perc	entages						Linear Change <sup>*</sup>	Quadratic Change*	Change from 2016-2018 $^{\dagger}$
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN70:	Percenta	age of st	udents v	who did	not eat	fruit (on	e or mo	re times	during	the 7 da	ays befo	ore the s	urvey)				
											17.7	20.0	26.3	24.8	Increased, 2013-2018	Not available§	No change
ONEDO	· Percer	ntage of	student	s who d	d not ea	ıt fruit o	r drink	100% fr	uit juice	es (such	as oran	ge juice	, apple j	uice,			
				hefore	the curs	(vev											
or grape				s before	the surv	vey)					8.5	11.4	17.6	17.2	Increased, 2013-2018	Not available	No change
	juice, d	luring th	e 7 days	s who at	e fruit o	r drank				or more				17.2	Increased, 2013-2018	Not available	No change

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

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

				Н	ealth Ri	isk Beh	avior ar	nd Perc	entages						Linear Change <sup>*</sup>	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
				s who at						or more	times po	er day (s	such as				
											22.9	24.7	19.4	20.0	No linear change	Not available§	No change
QN71:	Percenta	age of st	udents	who did	not eat	green sa	ılad (on	e or moi	re times	during	the 7 da	ys befor	e the su	ırvey)			
											44.3	48.6	49.4	49.8	No linear change	Not available	No change
 QN72:	Percenta	age of st	udents	who did	not eat	potatoes	s (one or	r more t	imes du	ring the					No linear change	Not available	No change
QN72:	Percenta	age of si	udents	who did	not eat	potatoes	s (one of	more t	imes du	ring the					No linear change Increased, 2013-2018	Not available  Not available	No change
				who did							7 days 29.2	before t	he surv	ey) 44.2			

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

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

				Н	ealth Ri	sk Beha	avior an	d Perce	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN74: survey)	Percenta	age of st	udents v	who did	not eat	other ve	getables	(one or	more ti	imes du	ring the	7 days	before t	he			
3,											22.5	25.0	33.6	31.4	Increased, 2013-2018	Not available§	No change
	G0: Perc											ng Frenc	h fries,	fried			,
potatoe	-													1.60	1		
potatoe	·										8.7	10.2	17.5	16.2	Increased, 2013-2018	Not available	No change
QNVE	G1: Perc										en salad	, potato	es [exclu	ıding	Increased, 2013-2018	Not available	No change

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

				Н	ealth Ri	isk Beh	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	_		
	G2: Perofries, frie																
											26.3	25.7	21.5	22.5	No linear change	Not available§	No change
[exclud	G3: Percing Fren													the			
survey)												160	9.0	11.8	No linear change	NI / 1111	
survey)											12.7	16.3	9.0	11.0	No finear change	Not available	No change
QN75:	Percenta														No filear change	Not available	No change

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

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

				Н	ealth Ri	isk Beh	avior ar	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-201
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	<u> </u>		
										or pop one				ny			
										days bef	fore the	survey		ny 17.0	Decreased, 2013-2018	Not available <sup>§</sup>	No chang
such as (	Coke, F	Pepsi, or	Sprite,	ents wh	nting di	et soda (	or diet p	oop, duri	ng the 7	days bef	fore the 24.4 o or mo	26.4  ore time	20.4 es per da	17.0	Decreased, 2013-2018	Not available <sup>§</sup>	No chan

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

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

				Н	ealth Ri	isk Beh	avior ar	d Perc	entages						Linear Change <sup>*</sup>	Quadratic Change*	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN78: kind of p	physical	activity															
											44.1	36.8	29.6	28.8	Decreased, 2013-2018	Not available§	No change
											77.1	30.0	27.0	20.0	Decreased, 2013 2010	Tiot available	140 change
QNPA0 1 day (ir during th	any kii	nd of ph	ysical a	ctivity t							physic	al activi	ty on at	least	Decreuseu, 2013 2010	Tion a valuable	Two change
1 day (ir	any kii	nd of ph	ysical a	ctivity t							physic	al activi	ty on at	least	Increased, 2013-2018	Not available	No change
1 day (ir	n any kin ne 7 day DAY: I	ercenta	ysical a e the sur ge of str	ctivity to	hat incre	eased th	eir heart	rate an	d made	ninutes	physic eathe h 18.4 per day	al activiard som	aty on at the of the 27.4 days (i.	least time 31.7			

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

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

Total Physical	Activity	y		Н	ealth R	isk Beh	avior aı	nd Perc	entages	<b>.</b>					Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN79:	Percent	age of s	tudents	who wa	tched te	levision	3 or mo	ore hour	s per da	y (on ar	n averag	e schoo	l day)				
											31.7	31.8	24.7	21.0	Decreased, 2013-2018	Not available <sup>§</sup>	No change
QN80: (countir Instagra	ng time s	spent on	things	such as	Xbox, P	layStati	on, an il	Pad or o	ther tab	let, a sn	nartpho	ne, texti	ng, Ŷot	ıTube,	No linear change	Not available	No change
QN81: week w					ended pl	hysical 6	educatio	n (PE) c	classes o	on 1 or r	more da	ys (in ar 49.8	averag	ge 38.9	Decreased, 2013-2018	Not available	No change

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

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

# Maryland High School Survey Dorchester County Trend Analysis Report

Physical Activity

Health Risk Behavior and Percentages

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)

25.9

3.9

4.2

3.4

QN83: Percentage of students who had a concussion from playing a sport or being physically active (one or more times during the 12 months before the survey)

24.7 21.1 No linear change Not available No change

Not available§

No change

Decreased, 2013-2018

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

Not enough years of data to calculate.

Fotal Other				Н	ealth R	isk Beh	avior ar	nd Perc	entages	1					Linear Change*	Quadratic Change <sup>*</sup>	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	<del>-</del>		
QN86: I						ist (for a	check-ı	ıp, exan	n, teeth	cleaning	g, or oth	er denta	al work	,			
												69.4	68.0	72.0	No linear change	Not available <sup>§</sup>	No change
QNNOE work)	ONT: Po	ercentag	ge of stu	dents w	ho neve	r saw a	dentist (	for a ch	eck-up,	exam, t	eeth cle	aning, o	or other	dental	,		
WOIK)												3.8	5.2	2.8	No linear change	Not available	No change
QN87: 1	Percenta	ige of st	tudents v	who had	l ever be	en told	by a doo	ctor or n	urse tha	at they h	ad asth	ma			,		
											29.0	30.1	36.2	34.9	Increased, 2013-2018	Not available	No change

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

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

# **Maryland High School Survey Dorchester County Trend Analysis Report**

Total

Site-Adde	ed			Н	ealth R	isk Beh	avior aı	nd Perc	entages						Linear Change <sup>*</sup>	Quadratic Change*	Change from 2016-2018 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN90: 1	Percenta	age of s	tudents	who are	transge	ender							8.1	3.0	Decreased, 2016-2018	Not available <sup>§</sup>	Decreased
QN93: I before the									g (on at	least 1	day dur	ing the	30 days 41.4	34.4	No linear change	Not available	No change
QN94: 1	Percenta	age of s	tudents	who sm	oked a v	whole ci	garette l	pefore a	ge 13 ye	ars (for	the firs	t time)	1				
											12.9	12.2	15.2	10.7	No linear change	Not available	No change
QN97: I										because	e of thei	ir age (a	mong				
					2	J			• -		24.5	24.9	29.0	32.4	No linear change	Not available	No change

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

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

## **Maryland High School Survey Dorchester County Trend Analysis Report**

				Н	ealth Ri	sk Beha	vior an	d Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-201
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
	Percenta					acco in	a hooka	ıh, nargl	hile, or o	other typ	oe of wa	terpipe	(on at le	east 1			

91.6 93.1 93.3 No linear change Not available No change

QN101: Percentage of students who have ever used an electronic vapor product to smoke marijuana, THC or hash oil, or THC wax

QN99: Percentage of students who usually use a kind of flavoring other than tobacco flavor with an electronic

vapor product (among students who have ever used an electronic vapor product)

No change 10.2 11.7 No linear change Not available

QN102: Percentage of students who think they definitely or probably will smoke a cigarette, cigar, cigarillo, or little cigar in the next year

> 27.1 22.7 Not available No change No linear change

Total a. . . . .

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

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

# Maryland High School Survey Dorchester County Trend Analysis Report

Health Risk Behav	vior and Percentages		
	_		

Linear Change\* Quadratic Change\* Change from 2016-2018

QN103: Percentage of students who used flavored tobacco products (flavored cigars, cigarillos, or little cigars,

QN105: Percentage of students who used flavored tobacco products (flavored cigars, cigarinos, or little cigars flavored smokeless tobacco products, or both, not counting menthol cigarettes, during the 30 days before the survey)

16.7 16.6 14.8 7.8 Decreased, 2013-2018 Not available§

Decreased

QN104: Percentage of students who tried or used tobacco products for the first time (during the 12 months before the survey)

14.2 8.7 7.1 Decreased, 2014-2018 Not available

No change

QN105: Percentage of students who completely quit using all tobacco products (during the 12 months before the survey, among students who used tobacco products during the 12 months before the survey)

30.6 31.7 32.7 9.1 Decreased, 2013-2018 Not available

Decreased

QN106: Percentage of students who live with someone who now smokes cigarettes or cigars

46.5 48.0 39.1 41.9 Decreased, 2013-2018 Not available

able No change

Total

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

<sup>†</sup>Based on t-test analysis, p < 0.05.

Not enough years of data to calculate.

te-Addo	ed			Н	ealth R	isk Beha	avior an	nd Perc	entages						Linear Change*	Quadratic Change <sup>*</sup>	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
						rule abo				r home i	is that s	moking	is not				
													74.6	76.2	No linear change	Not available§	No change
	Percen he 7 day				ere in th	ie same i	room wi	ith some	eone wh	o was s	moking	(on at l	east one	e day			
													35.6	33.8	No linear change	Not available	No change
QN110: school y		tage of	students	who w	ere taug	ht in the	ir classe	es about	the dan	gers of	tobacco	use (di	iring the	e last			
											66.6	54.3	51.5	51.5	Decreased, 2013-2018	Not available	No change
QN117: riends	Percen	tage of	students	who sa	y defini	tely yes	or prob	ably yes	s that yo	oung peo	ople who	o smoke	e have n	nore			

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

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

## **Maryland High School Survey Dorchester County Trend Analysis Report**

Total Site-Added **Health Risk Behavior and Percentages** Linear Change\* Quadratic Change\* 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018

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

> Not available§ 23.8 24.5 30.0 35.9 Increased, 2013-2018 No change

QN119: Percentage of students who would feel comfortable seeking help from one or more adults besides their parents if they had an important question affecting their life

> 77.5 79.7 72.5 72.2 Decreased, 2013-2018 Not available

Change from 2016-2018 <sup>†</sup>

No change

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

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

Male Injury an	d Viole	ence		Н	ealth R	isk Beha	avior ar	nd Perc	entages						Linear Change <sup>*</sup>	Quadratic Change*	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	<del>-</del>		2010-2013
QN9: P or more							ho had l	oeen dri	nking al	cohol (i	in a car 25.8	or other	vehicle	e, one 20.1	Decreased, 2013-2018	Not available <sup>§</sup>	No change
QN10:	ring the	30 day	s before														
days bef	ore the	survey)									23.1	14.5	18.1	7.4	Decreased, 2013-2018	Not available	Decreased
QN11: the 30 d survey)																	,
											39.9	37.7	38.1	31.2	No linear change	Not available	No change

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

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

				Н	ealth Ri	isk Beh	avior ar	nd Perco	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
	Percenta					eapon o	n school	l proper	ty (such	as a gu	n, knife	, or club	o, on at l	east 1			
day dar	ing the s	o days .	serore u	io sui vo	37						11.8	9.0	15.4	9.9	No linear change	Not available <sup>§</sup>	No change
	Percenta sport suc												for hun	nting	,		
													17.1	11.4	No linear change	Not available	No change
	Percents	age of st					injured			on scho	ol prope	erty (suc	h as a g	un,			
	r club, o		ore time	s during	g the 12	months	before t	he surve	ey)								

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

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

-yy	nd Viole	iicc		Н	ealth Ri	sk Beha	avior an	d Perce	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
	Percenta before tl			who wer	e in a pl	hysical t	fight on	school 1	property	(one or	r more	times du	ring the	: 12			
											22.1	23.3	19.8	14.0	Decreased, 2013-2018	Not available <sup>§</sup>	No change
	Percenta	ere dati	ng or go	ing out	with [co	ounting s	such thi	ngs as b	eing hit,	slamm	ed into	someth	ing, or i				
with an	object of with so									survey,	among	students	who da				
	object o									ui vey,	among 14.3		who da		No linear change	Not available	No change
with an went ou	object o	omeone	during t	he 12 m	onths be	efore the	e survey	)			14.3	12.9	17.1	17.9	No linear change	Not available	No change

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

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

Iale njury an	d Viole	nce															
				Н	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			
QN24: 1 Faceboo											d throug	h textin	g, Insta	gram,			
											8.6	12.0	15.6	14.4	Increased, 2013-2018	Not available <sup>§</sup>	No change
				who felt							eks in a	row so	that the	y			
											20.5	17.4	22.6	22.8	No linear change	Not available	No change
QN26: 1	Percenta	age of st	tudents	who seri	iously c	onsidere	d attem	pting su	iicide (e	ver duri	ng the 1	2 mont	hs befor	e the			
•											13.8	12.6	17.2	14.9	No linear change	Not available	No change
QN27: 1			tudents	who ma	de a pla	n about l	how the	y would	d attemp	t suicid	e (durin	g the 12	2 month	s			
											11.2	10.1	15.9	14.2	No linear change	Not available	No change

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

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

Iale 'obacco '	Use																
				Н	ealth R	isk Beh	avior ar	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN32: survey)	Percent	age of s	tudents	who cur	rently s	moked c	igarette	s (on at	least 1 d	lay duri	ng the 3	30 days	before t	he			
											21.2	19.0	20.7	14.6	No linear change	Not available§	No change
QNFRC days bef				ents wh	o curren	ntly smo	ked ciga	arettes fr	requently	y (on 20	9 or moi	re days o	during t	he 30 3.9	No linear change	Not available	No change
	CIG: I		ige of st	udents v	vho curi	rently sn	noked ci	garettes	s daily (d	on all 30	) days d	uring th	ne 30 da	ys			
											7.2	5.3	6.7	3.7	No linear change	Not available	No change
QN34: vape pip eGo, and	es, vapi	ing pens															
												45.2	49.8	52.7	No linear change	Not available	No change

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

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

Male Fobacco	Use																
				Н	ealth R	isk Beh	avior aı	nd Perc	entages	1					Linear Change*	Quadratic Change <sup>*</sup>	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN35: e-pipes, Plus, eC	vape pi	pes, vaj	oing pen	s, e-hoo	kahs, ar	nd hooka	h pens	[such as	blu, NJ								
												29.0	24.9	32.9	No linear change	Not available <sup>§</sup>	No change
QNFRE during t					o curre	ntly used	l electro	onic vap	or produ	icts free	quently (	(on 20 c	or more	days			,
												5.6	8.0	9.0	No linear change	Not available	No change
QNDAY the 30 d				tudents	who cur	rently u	sed elec	tronic v	apor pro	oducts d	laily (on	all 30 c	lays dui	ring	,		
												4.7	7.1	6.8	No linear change	Not available	No change
QNTB5 day duri						smoked	l cigaret	tes or u	sed elec	tronic v	apor pro	oducts	(on at le	east 1	,		
												35.3	34.1	37.1	No linear change	Not available	No change

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

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

obacco (	Use			Н	ealth Ri	isk Beha	avior ar	nd Perco	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	•		
QN36: (such as survey,	a conve	nience s	store, su	permark	ket, disc	ount sto	re, gas s	station, o	or vape	store, d	uring th	e 30 day					
													12.8	18.1	No linear change	Not available§	No change
														10.1			1 to enumber
dissolva	ble toba	cco pro	ducts [st	ich as C	Copenha	gen, Gri	izzly, Sk	coal, or					nus, or		No linear change	Not available	No change
QN37: dissolva vapor pr QN38: during ti	ble toba oducts,	on at lea	ducts [suast 1 day	uch as C during	Copenha the 30 o	gen, Gri days bei	izzly, Sk fore the	coal, or ( survey)	Camel S	Snus], no	ot count	ing any	nus, or electror 23.1	17.4		Not available	

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

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

# Maryland High School Survey Dorchester County Trend Analysis Report

Male Tobacco Use

Health Risk Behavior and Percentages

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

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

25.7 25.1 29.8 19.1

Not available§

Decreased

No linear change

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

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

1997 1999	2001	2003	2005										2016-2018
			2003	2007	2009	2011	2013	2014	2016	2018	3		
udents who h	ad their fii	rst drink	of alco	hol befo	ore age 1	13 years	(other	than a f	ew sips	)			
							23.4	23.3	27.3	23.9	No linear change	Not available <sup>§</sup>	No change
udents who curvey)	urrently di	rank alco	ohol (at	least on	e drink	of alcol	hol, on a	at least	1 day dı	ıring			-
							36.3	29.3	27.6	20.0	Decreased, 2013-2018	Not available	No change
	urvey) udents who cor more drink	urvey) udents who currently w	udents who currently were bing or more drinks of alcohol in a re	udents who currently were binge drinki or more drinks of alcohol in a row for n	udents who currently were binge drinking (had or more drinks of alcohol in a row for male stud	udents who currently were binge drinking (had four or or more drinks of alcohol in a row for male students, w	udents who currently were binge drinking (had four or more dor more drinks of alcohol in a row for male students, within a decision of the contract of the con	udents who currently drank alcohol (at least one drink of alcohol, on a arvey)  36.3  udents who currently were binge drinking (had four or more drinks of or more drinks of alcohol in a row for male students, within a couple of	udents who currently drank alcohol (at least one drink of alcohol, on at least urvey)  36.3 29.3  udents who currently were binge drinking (had four or more drinks of alcoholor more drinks of alcohol in a row for male students, within a couple of hours	udents who currently drank alcohol (at least one drink of alcohol, on at least 1 day drarvey)  36.3 29.3 27.6  udents who currently were binge drinking (had four or more drinks of alcohol in a roor more drinks of alcohol in a row for male students, within a couple of hours, on at 1	udents who currently drank alcohol (at least one drink of alcohol, on at least 1 day during arvey)  36.3 29.3 27.6 20.0  udents who currently were binge drinking (had four or more drinks of alcohol in a row for or more drinks of alcohol in a row for male students, within a couple of hours, on at least 1	udents who currently drank alcohol (at least one drink of alcohol, on at least 1 day during urvey)  36.3 29.3 27.6 20.0 Decreased, 2013-2018  udents who currently were binge drinking (had four or more drinks of alcohol in a row for or more drinks of alcohol in a row for more drinks of alcohol in a row for male students, within a couple of hours, on at least 1	udents who currently drank alcohol (at least one drink of alcohol, on at least 1 day during urvey)  36.3 29.3 27.6 20.0 Decreased, 2013-2018 Not available  udents who currently were binge drinking (had four or more drinks of alcohol in a row for or more drinks of alcohol in a row for more drinks of alcohol in a row for male students, within a couple of hours, on at least 1

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

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

Male Alcohol a	nd Oth	er Druş	g Use	н	ealth R	isk Beh	avior ai	nd Perc	entages						Linear Change*	Quadratic Change <sup>*</sup>	Change from 2016-2018 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN45:	Percenta	age of st	tudents	who eve	er used r	narijuan	a (one c	or more	times du	iring the	eir life)						
											38.4	35.6	33.4	27.9	Decreased, 2013-2018	Not available <sup>§</sup>	No change
QN46:	Percenta	age of st	tudents	who trie	d marii	uana for	the first	t time be	efore ag	e 13 vea	ars						
					<b>,</b>						15.9	14.1	14.2	12.8	No linear change	Not available	No change
QN47: survey)	Percenta	age of st	tudents	who cur	rently u	sed mar	ijuana (d	one or n	nore tim	es durir	ng the 3	0 days b	pefore th	ie			
											25.3	21.2	23.0	14.1	Decreased, 2013-2018	Not available	No change
QN48:	Percenta	age of st	tudents	who eve	er used s	ynthetic	marijua	ana (one	e or mor	e times	during	their life	e)				
												16.7	17.0	12.3	No linear change	Not available	No change

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

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

				Н	ealth R	isk Beha	vior an	d Perce	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
differen	tly than	how a c	octor to	ld them	to use i	orescripti t (counti during t	ng drug	s such a									
													20.6	14.6	No linear change	Not available <sup>§</sup>	No change
	Percenta nore tim				r used c	cocaine (	any forr	n of coc	caine, in	cluding	powde	r, crack,	or free	base,			
											12.6	10.5	16.6	14.2	No linear change	Not available	No change
ON52:	Percenta uring the		udents	who eve	r used h	neroin (a	lso calle	ed "smac	ck," "jur	nk," or '	'China '	White,"	one or i	more			
											9.9	10.5	18.1	12.8	No linear change	Not available	No change
QN53:	Percentar "meth,"					methamp r life)	hetamin	nes (also	called	"speed,	" "crysta	al meth,	" "cranl	ς,"			

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

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

Male Alcohol and Oth	er Drug	g Use														
			Н	ealth Ri	sk Beha	avior ar	d Perc	entages						Linear Change <sup>*</sup>	Quadratic Change*	Change from 2016-2018 <sup>†</sup>
1991 1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QN54: Percent	age of st	tudents v	who eve	r used e	cstasy (	also call	ed "MD	MA," c	one or m	nore tim	es durir	ng their	life)			
										14.5	12.3	19.2	13.2	No linear change	Not available <sup>§</sup>	No change
QN56: Percenta					ed any il	legal dr	ug (used	d a need	le to inj	ect any	illegal	drug int	o their	,		,
body, one of fine	ore time.	s during	then in	c)						7.0	5.3	15.8	10.4	No linear change	Not available	No change
QN57: Percent			who wei	e offere	d, sold,	or give	an ille	gal drug	g on sch	ool prop	perty (d	uring th	e 12	,		,
										33.2	27.7	29.1	29.1	No linear change	Not available	No change

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

Not enough years of data to calculate.

## **Maryland High School Survey Dorchester County Trend Analysis Report**

Male **Sexual Behaviors Health Risk Behavior and Percentages** Linear Change\* Quadratic Change\* Change from 2016-2018 <sup>†</sup> 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 QN58: Percentage of students who ever had sexual intercourse 51.6 33.1 Decreased, 2013-2018 Not available§ Decreased QN59: Percentage of students who had sexual intercourse for the first time before age 13 years 13.8 17.8 12.5 Decreased, 2013-2018 Not available No change 6.1 QN60: Percentage of students who had sexual intercourse with four or more persons during their life 21.5 23.0 17.6 7.9 Decreased, 2013-2018 Not available Decreased QN61: Percentage of students who were currently sexually active (had sexual intercourse with at least one person, during the 3 months before the survey) 34.9 39.5 32.3 25.4 Decreased, 2013-2018 Not available No change

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

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

# Maryland High School Survey Dorchester County Trend Analysis Report

Male **Sexual Behaviors Health Risk Behavior and Percentages** Linear Change\* Quadratic Change\* Change from 2016-2018 <sup>†</sup> 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QN62: Percentage of students who drank alcohol or used drugs before last sexual intercourse (among students who were currently sexually active) 32.1 30.2 29.7 23.6 No linear change Not available§ No change QN64: Percentage of students who used birth control pills before last sexual intercourse (to prevent pregnancy, among students who were currently sexually active) 17.6 23.8 8.3 18.3 No linear change Not available No change QNIUDIMP: Percentage of students who used an IUD (such as Mirena or ParaGard) or implant (such as Implanon or Nexplanon) before last sexual intercourse (to prevent pregnancy, among students who were currently sexually active) 5.3 3.9 6.7 8.6 No linear change Not available No change

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

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

# Maryland High School Survey Dorchester County Trend Analysis Report

Male **Sexual Behaviors Health Risk Behavior and Percentages** Linear Change\* Quadratic Change\* Change from 2016-2018 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QNSHPARG: Percentage of students who used a shot (such as Depo-Provera), patch (such as OrthoEvra), or birth control ring (such as NuvaRing) before last sexual intercourse (to prevent pregnancy, among students who were currently sexually active)) 4.0 2.3 3.9 5.4 No linear change Not available§ No change QNOTHHPL: Percentage of students who used birth control pills; an IUD (such as Mirena or ParaGard) or implant (such as Implanon or Nexplanon); or a shot (such as Depo-Provera), patch (such as OrthoEvra), or birth control ring (such as NuvaRing) before last sexual intercourse (to prevent pregnancy, among students who were currently sexually active) 26.9 30.0 18.9 32.2 No linear change Not available No change QNBCNONE: Percentage of students who did not use any method to prevent pregnancy during last sexual intercourse (among students who were currently sexually active)

13.8 13.5

23.1

20.7

No linear change

Not available

No change

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

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

# Maryland High School Survey Dorchester County Trend Analysis Report

Male **Sexual Behaviors** Linear Change\* **Health Risk Behavior and Percentages** Quadratic Change\* Change from 2016-2018 <sup>†</sup> 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QN84: Percentage of students who were ever tested for human immunodeficiency virus (HIV) (not counting tests done if they donated blood) Not available§ No change 19.7 25.7 25.3 No linear change

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

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

				Н	ealth Ri	sk Beha	ovior 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	-		
	T: Perce											tile for t	oody ma	ss			
											14.7	19.0	18.5	12.9	No linear change	Not available <sup>¶</sup>	No change
	ESE: Per								le for bo	ody mas	ss index	, based	on sex-	and			
											21.0	18.0	20.6	23.0	No linear change	Not available	No change
	Percenta	age of st	udents v	vho des	cribed tl	hemselv	es as sli	ghtly or	very ov	erweigl	ht				,		
QN67:											24.2	22.0	17.4	19.7	No linear change	Not available	No change
QN67:																	
QN69:	Percenta		udents v	vho did	not drir	ık fruit j	uice (10	00% frui	t juices	one or i	nore tin	nes duri	ng the 7	' days			

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

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

Not enough years of data to calculate.

Male Weight M	Ianage	ment an	nd Dieta	•		isk Beh	avior ar	nd Perc	entages	:					Linear Change*	Quadratic Change <sup>*</sup>	Change from 2016-2018 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	<del>-</del>		
QN70:	Percent	age of s	tudents	who did	not eat	fruit (or	ne or mo	ore time:	s during	the 7 d	ays befo	ore the s	urvey)	:	,		
											23.1	20.8	29.6	30.9	No linear change	Not available§	No change
QNFR0: or grape							or drink	100% fr	uit juice	es (such	as oran	ge juice	, apple	juice,			
or grape	juice, e	idinig d	ic / day	s octore	uic sui	vey)					11.6	12.4	21.2	21.2	Increased, 2013-2018	Not available	No change
QNFR1: orange j										or more		•					
											48.4	55.1	43.0	42.3	No linear change	Not available	No

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

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

				Н	ealth Ri	isk Beh	avior an	d Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
	Percei juice, ap									or more	times p	er day (	such as				
											23.1	28.1	20.9	20.3	No linear change	Not available <sup>§</sup>	No change
QN71:	Percent	age of st	udents	who did	not eat	green sa	ılad (one	or moi	re times	during	the 7 da	ys befo	re the su	ırvey)	,		,
											46.6	52.7	59.0	57.3	Increased, 2013-2018	Not available	No change
	·	ngo of st	udents	who did	not eat	potatoes	s (one or	more t	imes du	ring the	7 days	before t	he surv	ey)			
QN72:	Percent	age of si															
QN72:	Percent	age of si				•					27.4	33.2	40.1	48.1	Increased, 2013-2018	Not available	No change
	Percent						(one or r	more tin	nes duri	ng the 7					Increased, 2013-2018	Not available	No change

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

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

				Н	ealth Ri	isk Beh	avior ar	nd Perc	entages						Linear Change <sup>*</sup>	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN74: survey)	Percenta	age of st	udents	who did	not eat	other ve	egetable	s (one o	r more t	imes du	iring the	e 7 days	before	the	,		
											26.6	25.3	38.2	36.6	Increased, 2013-2018	Not available <sup>§</sup>	No change
QNVEC potatoes												ng Frenc	ch fries,	fried			
											10.1	11.7	20.8	19.7	Increased, 2013-2018	Not available	No change
QNVEO																	,

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

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

				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	<del>_</del> }		
	G2: Pero fries, frie																
											28.6	29.3	24.9	22.5	Decreased, 2013-2018	Not available§	No change
	G3: Percing Fren													e the			
[excludi												he 7 day		e the 12.1	No linear change	Not available	No change
[excludi survey) QN75:		ch fries,	fried po	otatoes, who did	or potat	o chips]	, carrots	or glass	er veget	ables, d	luring the	he 7 day 20.2	s before	12.1	No linear change	Not available	No change

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

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

				Н	ealth R	isk Beh	avior a	nd Perc	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		
				-						:		:			:		
-		U				,	,	0		or pop o 7 days b				ay			

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

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

Male Physical	Activity	7		Н	ealth R	isk Beh	avior ar	nd Perc	entages						Linear Change*	Quadratic Change <sup>*</sup>	Change from
															_		2016-2018 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN78: kind of j	physical	activity	that in														
·		•									47.7	47.8	35.4	33.0	Decreased, 2013-2018	Not available <sup>§</sup>	No change
QNPA0 1 day (in during th	n any ki	nd of ph	ysical a	ctivity t											,		
											16.8	18.3	21.9	29.6	Increased, 2013-2018	Not available	No change
QNPA7 kind of j days bef	physical	activity	that in														,
											33.2	33.2	16.7	22.2	Decreased, 2013-2018	Not available	No change

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

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

Male Physical	Activity	7		Н	ealth Ri	isk Beha	avior an	nd Perc	entages						Linear Change*	Quadratic Change <sup>*</sup>	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN79:	Percenta	age of st	tudents v	who wat	tched tel	levision	3 or mo	re hour	s per da	y (on ar	averag	e schoo	l day)				
											29.7	32.7	22.2	20.7	Decreased, 2013-2018	Not available <sup>§</sup>	No change
(countir	ng time s	spent on	tudents v things s r other so	such as 2	Xbox, P	layStatio	on, an iF	Pad or o	ther tab	let, a sn	nartphoi	ne, texti rerage s	ng, Ŷou	Tube,	No linear change	Not available	No change
			tudents v					<del></del>									

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

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

# Maryland High School Survey Dorchester County Trend Analysis Report

Male **Physical Activity** Linear Change\* **Health Risk Behavior and Percentages** Quadratic Change\* Change from 2016-2018 <sup>†</sup> 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) Decreased, 2013-2018 Not available§ 35.1 5.5 5.5 4.3 No change QN83: Percentage of students who had a concussion from playing a sport or being physically active (one or more times during the 12 months before the survey)

26.5 22.3

No linear change

Not available

No change

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

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

## **Maryland High School Survey Dorchester County Trend Analysis Report**

Male Other **Health Risk Behavior and Percentages** Linear Change\* Quadratic Change\* Change from 2016-2018 <sup>†</sup> 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QN86: Percentage of students who saw a dentist (for a check-up, exam, teeth cleaning, or other dental work, during the 12 months before the survey) 64.0 63.0 68.0 No linear change Not available§ No change QNNODNT: Percentage of students who never saw a dentist (for a check-up, exam, teeth cleaning, or other dental work) 5.2 7.1 5.0 No linear change Not available No change

27.1

29.7 39.3 Increased, 2013-2018 Not available No change 36.8

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

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

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

# **Maryland High School Survey Dorchester County Trend Analysis Report**

Male

Site-Add	ed																
				Н	ealth R	isk Beh	avior aı	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN90:	Percent	age of s	tudents	who are	transge	nder					,		9.1	2.6	Decreased, 2016-2018	Not available <sup>§</sup>	Decreased
QN93: before the									ng (on at	least 1	day dur	ing the	30 days 40.4	39.9	No linear change	Not available	No change
QN94:	Percent	age of s	tudents	who sm	oked a v	whole ci	garette l	oefore a	ge 13 ye	ears (for	the firs	t time)					
											15.3	15.6	18.8	10.5	No linear change	Not available	Decreased
QN97:										becaus	e of thei	ir age (a	among				_
											26.2	26.7	29.2	32.1	No linear change	Not available	No change

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

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

## Maryland High School Survey **Dorchester County Trend Analysis Report**

Male Site-Added **Health Risk Behavior and Percentages** Linear Change\* Quadratic Change\* Change from 2016-2018 <sup>†</sup> 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QN98: Percentage of students who smoked tobacco in a hookah, narghile, or other type of waterpipe (on at least 1 day during the 30 days before the survey) 16.0 Decreased, 2016-2018 Not available§ Decreased QN99: Percentage of students who usually use a kind of flavoring other than tobacco flavor with an electronic vapor product (among students who have ever used an electronic vapor product) 91.4 90.0 92.7 No linear change Not available No change QN101: Percentage of students who have ever used an electronic vapor product to smoke marijuana, THC or hash oil, or THC wax 13.6 11.9 No linear change Not available No change QN102: Percentage of students who think they definitely or probably will smoke a cigarette, cigar, cigarillo, or little cigar in the next year 31.5 27.3 No linear change Not available No change

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

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

Male Site-Adde	ed			Н	ealth R	isk Beh	avior ar	nd Perc	entages						Linear Change*	Quadratic Change <sup>*</sup>	Change from 2016-2018 <sup>3</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN103: flavored survey)														rs,			
•											22.9	23.1	21.0	8.9	Decreased, 2013-2018	Not available <sup>§</sup>	Decreased
QN104:		tage of	students	s who tri	ed or us	sed toba	cco proc	lucts for	the firs	t time (	during t	he 12 n	nonths b	efore			
	•											15.9	10.0	5.3	Decreased, 2014-2018	Not available	No change
QN105: survey, a												2 month	is before	e the			
											26.7	27.5	33.5	9.4	No linear change	Not available	Decreased
QN106:	Percen	tage of	students	s who liv	ve with	someone	e who no	ow smo	kes ciga	rettes or	r cigars	-					:
											49.5	46.7	32.3	43.4	Decreased, 2013-2018	Not available	Increased

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

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

te-Addo	eu			Н	ealth Ri	isk Beha	avior ar	nd Perc	entages						Linear Change*	Quadratic Change <sup>*</sup>	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
	Percen anywhe									r home i	s that si	noking	is not				
													73.9	75.1	No linear change	Not available <sup>§</sup>	No change
	Percen he 7 day				ere in th	ie same	room wi	th some	eone wh	o was si	moking	(on at 1	east one	e day			
													34.4	32.2	No linear change	Not available	No change
QN110: school y	Percen (ear)	tage of	students	who we	ere taug	ht in the	eir classe	es about	the dan	igers of	tobacco	use (dı	iring the	e last			
											66.6	53.8	52.4	56.9	No linear change	Not available	No change
QN117: friends	Percen	tage of	students	who sa	y defini	tely yes	or prob	ably yes	s that yo	oung peo	ple who	smoke	have n	nore			,

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

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

## **Maryland High School Survey Dorchester County Trend Analysis Report**

Male Site-Added **Health Risk Behavior and Percentages** Linear Change\* Quadratic Change\* Change from 2016-2018 <sup>†</sup> 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QN118: Percentage of students who say definitely yes or probably yes that smoking makes young people look cool or fit in

27.0 28.1

QN119: Percentage of students who would feel comfortable seeking help from one or more adults besides their parents if they had an important question affecting their life

> 74.3 77.2 68.1 67.3 Decreased, 2013-2018 Not available No change

35.0 40.4 Increased, 2013-2018

Not available§

No change

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

Female Injury an	d Viole	nce															
				Н	ealth R	sk Beh	avior ar	nd Perc	entages						Linear Change*	Quadratic Change <sup>*</sup>	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN9: Por more							ho had l	oeen dri	nking al	lcohol (i	in a car	or other	vehicle	e, one			
			•			•					20.6	20.8	18.4	20.8	No linear change	Not available§	No change
QN10: I																	
days bef	ore the	survey)									11.6	7.3	11.3	4.8	No linear change	Not available	No change
QN11: 1 the 30 da																	
survey)											39.2	27.2	43.6	29.7	No linear change	Not available	No change

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

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

Female Injury an	d Viole	nce		Н	ealth R	isk Beh	avior ar	nd Perc	entages						Linear Change*	Quadratic Change <sup>*</sup>	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QN13: I						eapon o	n schoo	l proper	ty (such	as a gu	ın, knife	, or clul	o, on at	least 1			
day duri	ng the s	o days	serore u	ie sui ve	<i>3)</i>						3.5	4.0	7.2	4.6	No linear change	Not available <sup>§</sup>	No change
QN14: I													for hu	nting			
													4.6	6.2	No linear change	Not available	No change
QN16: 1 knife, or										on scho	ol prop	erty (suc	ch as a g	gun,			
											5.3	7.3	8.3	11.0	No linear change	Not available	No change

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

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

Female njury an	nd Viole	nce		Н	ealth R	isk Beh	avior aı	nd Perc	entages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QN18: months				who wei	e in a p	hysical	fight on	school	property	y (one o	r more	times di	uring th	e 12			
											9.7	12.0	12.0	11.2	No linear change	Not available§	No change
QN22: someone with an went ou	e they w object o	ere dati r weapo	ng or go on] one o	oing out or more	with [co	ounting uring the	such thi e 12 mo	ngs as b	eing hit	, slamn	ned into	someth	ing, or	njured			
											13.5	14.1	15.6	14.5	No linear change	Not available	No change
QN23:	Percenta	age of st	tudents v	who wei	e bullie	d on scl	nool pro	perty (e	ver duri	ng the 1	12 mont	hs befo	re the si	ırvey)			
											23.9	24.8	27.6	25.1	No linear change	Not available	No change

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

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

Female njury an	d Viole	ence															
				Н	ealth R	isk Beh	avior ar	nd Perc	entages						Linear Change <sup>*</sup>	Quadratic Change*	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN24: 1 Faceboo											d throug	gh textir	ng, Insta	gram,			
											17.9	19.2	22.4	19.5	No linear change	Not available <sup>§</sup>	No change
QN25: I											eks in a	row so	that the	y			
											29.9	32.9	43.0	42.5	Increased, 2013-2018	Not available	No change
QN26: 1	Percenta	age of st	tudents	who ser	iously c	onsidere	d attem	pting su	icide (e	ver duri	ng the	12 mont	hs before	re the	,		
											19.0	20.9	29.8	25.6	Increased, 2013-2018	Not available	No change
QN27: I			tudents	who ma	de a pla	n about	how the	y would	l attemp	t suicid	e (durin	g the 12	2 month	S			
											14.5	14.4	27.0	20.8	Increased, 2013-2018	Not available	No change

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

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

Female Fobacco V	Use																
				Н	ealth R	isk Beh	avior aı	nd Perc	entages	:					Linear Change*	Quadratic Change*	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN32: 1 survey)	Percent	age of s	tudents	who cur	rently s	moked o	eigarette	s (on at	least 1	day duri	ing the	30 days	before t	he			
											13.6	11.6	12.8	6.5	Decreased, 2013-2018	Not available <sup>§</sup>	Decreased
QNFRC days bef				ents wh	o currer	ntly smo	ked ciga	arettes fi	requentl	y (on 20	or mo	re days	during t	he 30			
											4.9	2.6	3.6	2.6	No linear change	Not available	No change
QNDAY before th			age of st	udents v	vho cur	rently sr	noked c	igarette	s daily (	on all 3	0 days o	during tl	ne 30 da	ys	,		
											4.3	2.2	2.3	2.2	No linear change	Not available	No change
QN34: I vape pip eGo, and	es, vap	ing pens															•
	-											39.7	39.6	54.4	Increased, 2014-2018	Not available	Increased

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

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

emale obacco	Use																
				Н	ealth R	isk Beh	avior ar	nd Perc	entages						Linear Change*	Quadratic Change <sup>*</sup>	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	<u>_</u>		
QN35: e-pipes, Plus, eG	vape pi	pes, vap	oing pen	s, e-hoo	kahs, an	id hooka	h pens [	[such as	blu, NJ								
												22.4	11.6	36.0	Increased, 2014-2018	Not available§	Increased
QNFRE during tl					no currei	ntly used	l electro	nic vap	or produ	icts freq	uently (	(on 20 o	r more	days			
												4.1	2.2	9.9	Increased, 2014-2018	Not available	Increased
QNDAY the 30 d				tudents	who cur	rently us	sed elect	tronic v	apor pro	ducts d	aily (on	all 30 c	lays dur	ing	,		:
												3.0	2.2	7.5	Increased, 2014-2018	Not available	Increased
QNTB5 day duri						smoked	cigaret	tes or us	sed elec	tronic v	apor pro	oducts (	(on at le	east 1			
												26.9	20.4	38.5	Increased, 2014-2018	Not available	Increased

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

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

Female Tobacco Use Health Risk Behavior and Percentages										Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from					
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		2016-2018 <sup>†</sup>
QN37: dissolva vapor pi	ble toba	cco pro	ducts [s	uch as C	Copenha	gen, Gr	izzly, Sł	coal, or						nic	,		
• •						·		•					7.3	8.7	No linear change	Not available <sup>§</sup>	No change
QN38: during t					rently si	moked o	eigars (c	igars, ci	garillos	or little	e cigars	on at lo	east 1 da	ay	,		
											9.0	9.1	8.7	9.5	No linear change	Not available	No change
QNTB2 before the			student	s who c	urrently	smoked	l cigaret	tes or ci	gars (or	n at leas	t 1 day	during t	he 30 d	ays			,
											17.5	15.4	16.1	12.9	No linear change	Not available	No change

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

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

Female Alcohol a	Female Alcohol and Other Drug Use Health Risk Behavior and Percentages													Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2016-2018 <sup>†</sup>	
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QN40: 1	Percenta	age of s	tudents	who had	l their fi	rst drink	of alco	hol befo	ore age	13 years	s (other	than a f	ew sips	)			
											20.9	18.4	18.1	17.4	No linear change	Not available <sup>§</sup>	No change
	QN41: 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)																
											35.0	26.8	26.2	29.4	No linear change	Not available	No change
QN42: I female s day duri	tudents	or five	or more	drinks o	of alcoho												
													14.4	14.3	No linear change	Not available	No change

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

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

Female Alcohol a	Female Alcohol and Other Drug Use																
	Health Risk Behavior and Percentages														Linear Change*	Quadratic Change <sup>*</sup>	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	•		
QN45:	QN45: Percentage of students who ever used marijuana (one or more times during their life)																
											32.4	30.3	28.3	32.3	No linear change	Not available§	No change
QN46:	QN46: Percentage of students who tried marijuana for the first time before age 13 years																
											6.8	6.7	9.3	10.2	No linear change	Not available	No change
QN47: survey)	Percent	age of s	tudents	who cur	rently u	sed mar	ijuana (	one or n	nore tim	es durir	ng the 3	0 days b	efore th	ne			
survey)											18.4	16.8	18.3	16.2	No linear change	Not available	No change
QN48:	Percent	age of s	tudents	who eve	er used s	synthetic	mariju	ana (one	e or mor	e times	during	their life	e)	2			
												9.4	10.7	8.5	No linear change	Not available	No change

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

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

				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			
differen	tly than	how a d	octor to	ld them	to use it	rescripti t (counti during t	ng drug	s such a									
													13.0	13.4	No linear change	Not available <sup>§</sup>	No change
	Percenta nore tim				r used c	ocaine (	any form	n of coc	aine, in	cluding	powder	r, crack,	or freel	oase,			,
											6.0	4.7	9.4	9.2	No linear change	Not available	No change
	Percenta		udents	who eve	r used h	eroin (al	lso calle	d "smac	ck," "jun	k," or "	China V	White,"	one or r	nore			
			udents	who eve	r used h	eroin (a	lso calle	d "smac	ck," "jur	k," or "	China V	White," 6	one or r	nore 7.7	No linear change	Not available	No change
QN53:	aring the	eir life) age of st	udents	who eve	r used n	nethamp	,				5.2	3.5	6.9	7.7	No linear change	Not available	No change

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

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

Female Alcohol a	nd Oth	er Druş	g Use														
				Н	ealth R	isk Beh	avior aı	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QN54:	Percenta	age of st	tudents	who eve	r used e	cstasy (	also call	led "MD	OMA," o	one or m	ore tim	es durin	g their	life)			
											7.3	4.4	8.6	10.1	No linear change	Not available§	No change
QN56: body, or						ed any il	llegal dr	ug (used	d a need	le to inj	ect any	illegal o	lrug into	o their			
, , ,											3.4	4.0	8.4	5.5	No linear change	Not available	No change
QN57:	Percenta	age of st	tudents	who we	re offere	ed, sold,	or give	n an ille	gal drug	g on sch	ool proj	perty (di	ring th	e 12	,		
months						, ,	υ										
											25.1	23.1	20.0	22.2	No linear change	Not available	No change

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

Not enough years of data to calculate.

### **Maryland High School Survey Dorchester County Trend Analysis Report**

**Sexual Behaviors Health Risk Behavior and Percentages** Linear Change\* Quadratic Change\* Change from 2016-2018 <sup>†</sup> 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 QN58: Percentage of students who ever had sexual intercourse 50.2 43.0 38.8 42.1 No linear change Not available§ No change QN59: Percentage of students who had sexual intercourse for the first time before age 13 years 5.5 4.1 5.4 3.6 No linear change Not available No change

12.0

35.8

9.8

35.9

10.0

30.9

8.7

33.3

No linear change

No linear change

QN60: Percentage of students who had sexual intercourse with four or more persons during their life

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

**Female** 

during the 3 months before the survey)

No change

No change

Not available

Not available

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

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

emale exual Be	ehaviors	s															
				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	_		
QN62: who we					nk alcol	hol or us	sed drug	s before	last sex	cual inte	ercourse	(amon	g studen	ts			
											16.2	18.3	30.3	14.9	No linear change	Not available§	No change
	Percenta y sexual			who use	ed a conc	dom dur	ing last	sexual i	ntercou	rse (am	ong stud	lents wl	no were	•			
											52.6	46.8	53.9	35.3	No linear change	Not available	Decreased
	Percenta students					control p	oills befo	ore last	sexual i	ntercou	rse (to p	orevent j	oregnan	cy,			
											24.3	28.8	26.4	32.2	No linear change	Not available	No change
						an IUD preven											·,
											5.4	5.8	11.5	14.9	Increased, 2013-2018	Not available	No change

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

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

		s		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			
QNSHP control r currently	ring (suc	ch as Nu	vaRing)														
											13.1	9.4	8.4	7.1	No linear change	Not available <sup>§</sup>	No change
				. 1	1	l bintb o	ontrol n	:11	TT TD								
QNOTH implant control r currently	(such as ring (suc	s Implan ch as Nu	on or N vaRing)	explano	n); or a	shot (su	ch as D	epo-Pro	vera), p	atch (su	ch as C	orthoEv	a), or b		No linear change	Not available	No change
mplant control recurrently QNDUA pills; an Depo-Pr	(such as ring (suc y sexual ALBC: I IUD (su rovera),	s Implan ch as Nu	on or N vaRing) e) age of st lirena or uch as (	explano ) before  udents v r ParaG	who use ard) or i	shot (su ual inter d both a mplant irth con	condon (such as	epo-Pro (to prev n during Implan	yera), pent preg	atch (su mancy, s kual inte	42.8 ercourseon); or a	orthoEvi students 44.0 e and bi shot (s	ta), or b s who w 46.4 th cont ach as	54.3	No linear change	Not available	No change

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

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

1991 1993 1995	1997 1999	2001											2016-2018 <sup>†</sup>
			2003 2005	2007	2009	2011	2013	2014	2016	2018			
QNBCNONE: Percentagintercourse (among stude	_		-		prevent	pregnar	ncy duri	ng last	sexual				
		·	·	,			17.1	18.1	18.6	18.6	No linear change	Not available§	No change
QN84: Percentage of stu	idents who we	ere ever tes	sted for huma	an immur	nodeficie	ency vir	us (HIV	7) (not c	ounting	tests			

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

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

Female Weight M	<b>Ianage</b> i	ment ar	nd Dieta	ary Beh	aviors												
				Н	ealth R	isk Beh	avior aı	nd Perc	entages						Linear Change <sup>*</sup>	Quadratic Change*	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QNOW index, b												tile for l	oody ma	ass			
											18.4	21.0	20.6	18.7	No linear change	Not available¶	No change
QNOBE age-spec									ile for b	ody mas	ss index	, based	on sex-	and			
											13.4	16.3	17.7	17.7	No linear change	Not available	No change
QN67:	Percent	age of s	tudents	who des	scribed t	hemselv	es as sli	ightly or	r very o	verweig	ht		•				
											31.2	32.7	31.5	30.6	No linear change	Not available	No change
QN69: before the			tudents	who did	not drii	nk fruit j	juice (10	00% fru	it juices	one or	more tir	nes duri	ng the	7 days			
											24.9	28.2	36.0	38.9	Increased, 2013-2018	Not available	No change

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

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

Not enough years of data to calculate.

				Н	ealth Ri	sk Beha	vior an	d Perce	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN70:	Percenta	age of st	udents v	vho did	not eat	fruit (on	e or mo	re times	during	the 7 da	ıys befo	re the si	ırvey)				
											11.8	19.1	21.6	18.5	No linear change	Not available§	No change
ONEDO	Darcar	ntage of	students	s who di	d not ea	t fruit o	r drink 1	00% fr	uit juice	s (such	as oran	ge juice	apple j	uice,			
				hafora	the curs	(140											
			e 7 days	before	the surv	ey)					5.3	10.2	13.3	12.8	Increased, 2013-2018	Not available	No change
or grape  QNFR1	juice, d	luring th		who at	e fruit o	r drank				r more t				12.8	Increased, 2013-2018	Not available	No change

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

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

Female Weight M	<b>I</b> anage	ment ar	nd Dieta	-		alr Dah	oviou ov	ad Domo	onto cos						Lincon Change*	Ovednotic Change*	Change from
				п	eann K	isk den	avior aı	ia Perc	emages						Linear Change*	Quadratic Change*	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QNFR2: orange j										or more	times p	er day (	such as				
											22.7	21.3	18.5	20.1	No linear change	Not available <sup>§</sup>	No change
QN71: 1	Percen	tage of s	tudents	who did	not eat	green sa	alad (on	e or mo	re times	during	the 7 da	ays befo	re the si	urvey)			
											42.1	44.7	39.4	42.7	No linear change	Not available	No change
QN72: 1	Percen	tage of s	tudents	who did	not eat	potatoe	s (one o	r more t	imes du	ring the	7 days	before t	the surv	ey)			
											31.1	33.9	38.7	40.3	Increased, 2013-2018	Not available	No change
QN73: 1	Percen	tage of s	tudents	who did	not eat	carrots	(one or	more tir	nes duri	ng the 7	7 days b	efore th	e surve	y)			
											62.7	66.5	60.3	53.0	Decreased, 2013-2018	Not available	No change

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

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

				Н	ealth Ri	sk Beh	avior ar	nd Perc	entages						Linear Change <sup>*</sup>	Quadratic Change*	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QN74: survey)	Percenta	age of st	udents v	who did	not eat	other ve	egetable	s (one o	r more t	imes du	iring the	e 7 days	before t	he			
											17.8	24.6	27.6	25.6	No linear change	Not available <sup>§</sup>	No change
	G0: Perc											ng Frenc	h fries,	fried			
											7.5	8.6	13.2	12.8	Increased, 2013-2018	Not available	No change
ONVE	G1: Perc														+		
French	tries, trie	eu potat	, or p	outo ci	npsj, ca	11005, 01			,	8			•				

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

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

				Н	ealth Ri	sk Beh	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			
	G2: Perofries, frie																
											23.3	21.6	18.4	22.2	No linear change	Not available <sup>§</sup>	No change
	72 D	contago.	of stude	ate who	ate veg	etables t	hree or	more tir	nes per	day (ore	en sala	d. potat	oes		·		
	ing Fren													the			
														the 11.0	No linear change	Not available	Increased
[exclude survey)  QN75:		ch fries,	fried po	vho did	not drin	o chips]	, carrots	or glass	of soda	ables, di	uring th	e 7 days	before 5.9	11.0	No linear change	Not available	Increased

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

Not enough years of data to calculate.

			Н	ealth Ri	isk Beh	avior ar	nd Perce	entages					Linear Change <sup>*</sup>	Quadratic Change*	Change from 2016-201
1991 1993	1995	1997	1999	2001	2003	2005	2007	2009	2011 2	2013 20	14 201	5 2018	<del>-</del>		
		:			•				:	:	:	•			
ONSODA1: Pessuch as Coke,	U				,	,	_		days befo	ore the sur		·	Decreased, 2013-2018	Not available <sup>§</sup>	No char

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

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

Female Physical	Activity	7															
				Н	ealth Ri	isk Beh	avior ar	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN78: kind of j	physical	activity	that in														
•		•									40.8	25.8	24.4	25.8	Decreased, 2013-2018	Not available <sup>§</sup>	No change
QNPA0 1 day (in during the	n any ki	nd of ph	ysical a	ctivity t													
											20.5	27.5	32.4	33.8	Increased, 2013-2018	Not available	No change
QNPA7 kind of j days bef	physical	activity	that in														
											18.4	13.4	12.7	14.3	No linear change	Not available	No change

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

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

Female Physical A	Activity	7		Н	ealth R	isk Beh	avior aı	nd Perc	entages	ı					Linear Change*	Quadratic Change <sup>*</sup>	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN79: I	Percenta	age of st	tudents	who wat	tched te	levision	3 or mo	ore hour	s per da	y (on ar	n averag	e schoo	l day)	•			
											34.4	30.6	28.4	22.2	Decreased, 2013-2018	Quadratic Change*  Not available <sup>§</sup>	No change
QN80: I (counting Instagran	g time s	spent on	things s	such as 2	Xbox, P	layStati	on, an il	Pad or o	ther tab	let, a sn	nartphoi	ne, texti	ng, Ŷot	ıTube,			
											28.2	32.6	36.1	29.5	No linear change	Not available	No change
QN81: I week wh					ended pl	hysical e	education	n (PE) c	classes o	on 1 or r	nore da	ys (in ai	n averag	ge			
											34.2	39.2	34.3	32.2	No linear change	Not available	No change

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

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

Female Physical Ac	ctivity	,		Н	ealth R	isk Beh	avior aı	nd Perc	entages						Linear Change*	Quadratic Change <sup>*</sup>	Change from 2016-2018 <sup>†</sup>
1991 1	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	<u> </u>		
									•		•	-	-	-	+		
QNDLYPI week when					no attend	ded phys	sical edu	ication (	(PE) clas	sses on	all 5 day	ys (in ar	averag	ge			
QNDLYPI week when					no attend	ded phys	sical edu	ication (	(PE) clas	sses on	all 5 day	ys (in ar 2.2	averag	ge 2.7	Decreased, 2013-2018	Not available <sup>§</sup>	No o

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

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

## Maryland High School Survey Dorchester County Trend Analysis Report

1999 2001 2003 2005	2007 2009 2011						
	2007 2007 2011	2013 2014	2016	2018			
	o, exam, teeth cleaning,	or other denta	al work,				
<b>.</b>		74.9	73.8	76.8	No linear change	Not available§	No change
e	e survey)	e survey)	e survey) 74.9	74.9 73.8	•	e survey) 74.9 73.8 76.8 No linear change	e survey)  74.9 73.8 76.8 No linear change Not available <sup>§</sup>

30.6 30.3

34.2 30.0

No linear change

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

No change

88

Not available

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

Not enough years of data to calculate.

## Maryland High School Survey Dorchester County Trend Analysis Report

				Н	ealth Ri	isk Beha	avior ar	nd Perc	entages						Linear Change <sup>*</sup>	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN90: 1	Percenta	ige of st	udents v	who are	transge	nder			:		:	:					
													5.9	2.5	No linear change	Not available <sup>§</sup>	No change
QN93: 1									g (on at	least 1	day duri	ing the 3		2.5	No linear change	Not available <sup>§</sup>	No change

9.7

7.6

9.9

5.4

7.7

6.6

No linear change

No linear change

Not available

Not available

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

day during the 30 days before the survey)

Female

No change

No change

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

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

				Н	ealth Ri	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	<del>-</del>		
				who usu who hav							flavor v	with an e	electron	ic			
												91.7	97.0	94.5	No linear change	Not available <sup>§</sup>	No change
	Percen		students	s who ha	ive ever	used an	electro	nic vapo	or produ	ct to sm	oke ma	rijuana,	THC o	r hash			
·													5.9	10.9	Increased, 2016-2018	Not available	No change
	Percengar in the			s who th	ink they	definite	ely or pr	obably	will smo	oke a ciş	garette,	cigar, c	igarillo,	or			
													20.9	16.9	No linear change	Not available	No change
				s who us oducts, o													

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

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

## **Maryland High School Survey Dorchester County Trend Analysis Report**

Female

				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			
QN104:		tage of	students	who tri	ed or us	sed toba	eco proc	lucts for	the firs	st time (	during tl	he 12 m	nonths b	efore			
												11.9	6.6	8.5	No linear change	Not available <sup>§</sup>	No change
QN106:	Percen	tage of	students	who liv	ve with	someone	who no	ow smol	kes ciga	rettes or	r cigars				<del>,</del>		
											43.7	49.2	45.0	40.9	No linear change	Not available	No change
						rule abo					s that sn	noking	is not				,
													74.7	77.9	No linear change	Not available	No change
QN108: luring th					ere in th	e same i	room wi	th some	eone wh	o was si	moking	(on at 1	east one	day			
													35.8	33.9	No linear change	Not available	No change

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

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

# Maryland High School Survey Dorchester County Trend Analysis Report

				Н	ealth Ri	sk Beha	avior ar	d Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN110: school y		tage of s	students	who we	ere taugl	ht in the	ir classe	es about	the dan	gers of	tobacco	use (du	ring the	last			
											67.1	55.0	50.0	46.2	Decreased, 2013-2018	Not available§	No change
QN117:	Percen	tage of s	students	who sa	y definit	tely yes	or prob	ably yes	s that yo	ung peo	ple who	o smoke	have m	nore	,		
											32.0	33.1	37.4	43.5	Increased, 2013-2018	Not available	No change
		tage of s	students	who sa	y definit	tely yes	or prob	ably yes	s that sm	oking n	nakes y	oung pe	ople loc	ok			

80.9 82.7 77.8 77.9

No linear change

Not available

No change

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

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

White* injury and Vi	ioleı	ıce															
				H	<b>Health F</b>	Risk Bel	havior a	nd Per	centage	S					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2016-2018 §
1991 199	3	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QN9: Percen or more times							vho had	been dri	nking al	lcohol (	in a car	or othe	r vehicle	e, one			
		8.	,			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					22.8	20.4	15.7	16.4	Decreased, 2013-2018	Not available¶	No chang
QN10: Perce times during t days before th	the 3	30 days															
ady 5 octore a	ne se	(0)									15.1	10.0	10.0	5.6	Decreased, 2013-2018	Not available	No chang
QN11: Perce the 30 days be survey)																	

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

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

njury a	nd Viol	ence		H	Iealth R	Risk Bel	navior a	nd Per	centage	s					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
			tudents v			eapon o	n schoo	proper	ty (such	ı as a gu	ın, knife	e, or clu	o, on at	least 1	:		
uay uuri	ing the 5	o days i	jerore ui	ie sui ve	у)						6.3	5.2	7.1	4.0	No linear change	Not available¶	No chang
		·				·	·										
			tudents v rget shoo										for hu	nting			
													6.3	4.4	No linear change	Not available	No chang
	Darconte	age of st	tudents v							on scho	ol prop	erty (su	ch as a	gun,			
	r club, o	ne or me	ore time	s during	the 12	months	before t	he surv	ey)								

<sup>\*</sup>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.

<b>.</b> .	nd Viol	ence		H	lealth R	Risk Bel	navior a	nd Per	centage	s					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup> Not available <sup>¶</sup>	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	<del>_</del> }		
	Percenta before the			who wei	e in a p	hysical	fight on	school	property	(one o	r more	times du	iring the	e 12			
											12.2	10.7	9.2	6.7	Decreased, 2013-2018	Not available <sup>¶</sup>	No chang
someon with an	Percenta e they w object o t with so	ere dati r weapo	ng or go on] one o	oing out or more	with [co	ounting uring the	such thi e 12 mo	ngs as b nths bef	eing hit	, slamm	ned into	someth	ing, or i	njured			
someon with an	e they w object o	ere dati r weapo	ng or go on] one o	oing out or more	with [co	ounting uring the	such thi e 12 mo	ngs as b nths bef	eing hit	, slamm	ned into	someth	ing, or i	njured	No linear change	Not available	No chang
someon with an went ou	e they w object o	rere dati r weapo omeone	ng or go on] one o during t	oing out or more he 12 m	with [co	ounting uring the efore the	such thi e 12 mo e survey	ngs as b nths bef	eing hit fore the	, slamm survey,	ned into among 11.9	someth students 9.6	ing, or i	njured ated or	No linear change	Not available	No chan

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

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

White* Injury a	nd Viol	ence															
				H	Health F	Risk Bel	navior a	nd Per	centage	S					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN24: I											d throug	gh textir	ıg, Insta	gram,			
											13.3	14.3	19.8	12.3	No linear change	Not available¶	Decreased
QN25: I	Percenta doing s	age of st	tudents	who felt	sad or l	nopeless g the 12	s (almos months	t every of before	day for the surv	>=2 wee	eks in a	row so	that the	у			
											22.9	22.2	31.2	28.8	Increased, 2013-2018	Not available	No change
QN26: 1	Percenta	age of st	tudents	who seri	iously c	onsidere	ed attem	pting su	icide (e	ver duri	ng the	12 mont	hs before	re the			
•											16.3	13.8	21.1	16.2	No linear change	Not available	No change
QN27: 1			tudents	who ma	de a pla	n about	how the	y would	l attemp	t suicid	e (durin	ng the 12	2 month	S			:
											13.0	10.0	17.2	11.5	No linear change	Not available	No change

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

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

White* Tobacco	Use																
				H	Iealth R	Risk Bel	navior a	nd Per	centage	S					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	<del>-</del>		
QN32: F survey)	Percenta	ige of st	udents	who cur	rently si	moked c	igarette	s (on at	least 1 d	lay duri	ng the 3	30 days	before t	he	,		
											18.0	17.0	13.9	9.3	Decreased, 2013-2018	Not available¶	No chang
QNFRCI			of stude	ents who	o curren	itly smo	ked ciga	rettes fi	requently	y (on 20	) or mor	e days	during tl	ne 30			,
ays ser	ore the l	gai (ey)									6.1	5.4	4.4	4.3	No linear change	Not available	No chang
NDAY efore th			ge of st	ıdents v	vho curi	rently sn	noked ci	igarettes	s daily (d	on all 30	) days d	uring th	ne 30 da	ys			
	·										4.5	3.8	4.2	4.1	No linear change	Not available	No chang
ON34: F									uct (incl								
ape pipe	es, vani												~p.111 1 1U	-,			

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

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

## Maryland High School Survey Dorchester County Trend Analysis Report

White\* **Tobacco Use Health Risk Behavior and Percentages** Linear Change<sup>†</sup> Quadratic Change<sup>†</sup> Change from 2016-2018 § 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QN35: Percentage of students who currently used an electronic vapor product (including e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs, and hookah pens [such as blu, NJOY, Vuse, MarkTen, Logic, Vapin Plus, eGo, and Halo], on at least 1 day during the 30 days before the survey) 23.4 14.3 34.5 Increased, 2014-2018 Not available ¶ Increased QNFREVP: Percentage of students who currently used electronic vapor products frequently (on 20 or more days during the 30 days before the survey) 3.9 4.2 11.9 Increased, 2014-2018 Not available Increased QNDAYEVP: Percentage of students who currently used electronic vapor products daily (on all 30 days during the 30 days before the survey) Not available No change 3.0 4.2 9.5 Increased, 2014-2018 QNTB5: Percentage of students who currently smoked cigarettes or used electronic vapor products (on at least 1 day during the 30 days before the survey) 28.9 36.0 No linear change Not available 21.7 Increased

<sup>\*</sup>Non-Hispanic.

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

<sup>§</sup>Based on t-test analysis, p < 0.05.

Not enough years of data to calculate.

lobacco	OSE			H	lealth R	Risk Beh	navior a	nd Perc	centage	S					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	8		
	ble toba		udents v					obacco (						nic			
	oducts,	on at lea	ast 1 day									0 ,					
	oducts,	on at lea	ast 1 day										13.1	10.2	No linear change	Not available¶	No chan
vapor pr QN38:	Percenta	age of st		during	the 30 d	days bef	fore the			- ·					No linear change	Not available <sup>¶</sup>	No chanş
vapor pr	Percenta	age of st	udents v	during	the 30 d	days bef	fore the	survey)		- ·					No linear change	Not available¶	No chan
QN38: during the QNTB2	Percenta he 30 da	age of st	udents vere the su	who currency)	rently sr	days bef	igars (ci	survey)	garillos,	, or little	e cigars,	on at lo	east 1 da	6.4			

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

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

White* Alcohol a	and Otl	her Dru	ıg Use	F	Iealth R	Risk Beh	navior a	nd Pero	centage	s					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN40: I	Percenta	age of s	tudents	who hac	l their fi	rst drink	of alco	hol befo	ore age	13 years	(other	than a f	ew sips	)			
											20.8	18.6	15.0	18.1	No linear change	Not available¶	No change
QN41: I the 30 da				who cur	rently d	rank alc	ohol (at	least on	e drink	of alcol	nol, on a	at least 1	l day dı	ıring			:
											34.8	28.6	23.7	24.6	Decreased, 2013-2018	Not available	No change
QN42: I female st day durit	tudents	or five	or more	drinks o	of alcoho												
													13.1	12.3	No linear change	Not available	No change

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

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

Health Risk Behavior and Percentages  Image: A comparison of the c	e <sup>†</sup> Change from 2016-2018 §														g Use	er Dru	and Otl	White* Alcohol
QN45: Percentage of students who ever used marijuana (one or more times during their life)  31.7 23.8 19.9 22.6 Decreased, 2013-2018 Not available QN46: Percentage of students who tried marijuana for the first time before age 13 years  9.1 7.3 5.8 5.5 No linear change Not available		Quadratic Change <sup>†</sup>	Linear Change <sup>†</sup>					S	centage	nd Pero	avior a	Risk Bel	lealth F	H				
QN46: Percentage of students who tried marijuana for the first time before age 13 years  9.1 7.3 5.8 5.5 No linear change Not available			_	2018	2016	2014	2013	2011	2009	2007	2005	2003	2001	1999	1997	1995	1993	1991
QN46: Percentage of students who tried marijuana for the first time before age 13 years 9.1 7.3 5.8 5.5 No linear change Not available							eir life)	ring the	times du	r more t	a (one o	narijuan	r used n	vho eve	udents v	ge of st	Percenta	QN45:
9.1 7.3 5.8 5.5 No linear change Not available	No change	Not available <sup>¶</sup>	Decreased, 2013-2018	22.6	19.9	23.8	31.7											
							ırs	e 13 yea	efore ag	time be	the first	ana for	d marijı	vho trie	udents v	ge of st	Percenta	QN46:
QN47: Percentage of students who currently used marijuana (one or more times during the 30 days before the	No change	Not available	No linear change	5.5	5.8	7.3	9.1											
survey)				e	efore th	) days b	g the 30	es durin	nore tim	one or m	ijuana (d	sed mar	rently u	vho curi	udents v	ge of st	Percenta	
18.1 13.8 11.9 10.1 Decreased, 2013-2018 Not available	No change	Not available	Decreased, 2013-2018	10.1	11.9	13.8	18.1											, ai (ej)
QN48: Percentage of students who ever used synthetic marijuana (one or more times during their life)					)	heir life	during t	e times	or mor	ına (one	marijua	ynthetic	r used s	who eve	udents v	ge of st	Percenta	QN48:
8.9 9.4 4.6 Decreased, 2014-2018 Not available	No change	Not available	Decreased, 2014-2018	4.6	9.4	8.9												

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

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

White* Alcohol	and Ot	her Dru	ıg Use														
				F	Health F	Risk Bel	navior a	nd Per	centage	s					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
differen	tly than	age of st how a d	loctor to	old them	to use i	t (count	ing drug	s such a									
													11.0	9.5	No linear change	Not available¶	No chang
		age of st			er used c	ocaine (	any for	m of coo	caine, in	cluding	powde	r, crack	or free	base,			
											7.3	6.3	7.6	6.4	No linear change	Not available	No chang
	Percent aring the	age of st	tudents	who eve	er used h	eroin (a	lso calle	ed "sma	ck," "jui	nk," or '	'China	White,"	one or	more			
											5.7	4.5	6.3	5.0	No linear change	Not available	No chang
QN53: "ice," or							hetamii	nes (also	called	"speed,	" "cryst	al meth,	" "cranl	ς,"			
											5.1	4.2	5.2	5.3	No linear change	Not available	No chang

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

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

Alcohol :			Ü	I	Iealth R	lisk Beh	avior a	nd Pero	centage	S					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	5 2018	3		
QN54: 1	Percenta	ige of s	tudents	who eve	er used e	cstasy (a	also call	ed "MD	MA," o	ne or m	ore tim	es durii	ng their	life)			
											8.9	6.4	7.6	5.5	No linear change	Not available¶	No change
QN56: 1						ed any il	legal dri	ug (used	l a need	le to inj					No linear change	Not available <sup>¶</sup>	No change
QN56: I						ed any il	legal dru	ug (used	l a need	le to inj					No linear change	Not available  Not available	No change
	e or mo	re time	s during	g their li	fe)				,		ect any 3.9	illegal 3.0	drug int	to their			

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

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

White* Sexual B	Behavioi	rs		T	Jaalth I	Risk Bel	navior a	nd Par	cantaga	e e					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from
				1	icaiui r	XISK DCI	14V101 a	inu i er	centage	<b>.</b>					Linear Change	Quauranc Change	2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	<del>-</del>		
QN58:	Percenta	age of st	tudents	who eve	er had se	exual int	ercourse				45.8	41.3	32.7	31.1	Decreased, 2013-2018	Not available <sup>¶</sup>	No chang
QN59:	Percenta	age of st	tudents	who hac	l sexual	intercou	arse for	the first	time be	fore ag	e 13 yea	urs					,
											4.4	4.7	3.8	2.9	No linear change	Not available	No chang
QN60:	Percenta	age of st	tudents	who hac	l sexual	intercou	ırse with	n four o	r more p	ersons	during	their life	<del></del>				
											11.2	8.6	7.7	5.5	Decreased, 2013-2018	Not available	No chang
QN61: during t						ntly sex	ually act	ive (had	l sexual	interco	urse wi	th at lea	st one p	erson,			
											32.4	33.3	24.4	23.8	Decreased, 2013-2018	Not available	No chang

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

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

White* Sexual B	Sehavioi	rs															
				H	Health F	Risk Bel	navior a	nd Per	centage	s					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN62: 1 who wer		_			nk alcol	nol or us	sed drug	s before	last sex	cual inte	ercourse	e (amon	g studer	nts			
											20.4	19.8	31.2	17.1	No linear change	Not available¶	No chang
		age of st		who use	ed a cond	dom dur	ring last	sexual i	intercou	rse (am	ong stud	dents w	no were				·
											52.4	48.6	55.4	48.6	No linear change	Not available	No chang
QN64: 1	Percenta tudents	age of st	tudents ere curre	who use	ed birth o	control p	oills befo	ore last	sexual i	ntercou	rse (to p	prevent	pregnan	cy,			·
											28.8	32.0	18.0	33.5	No linear change	Not available	Increased
QNIUDI or Nexpl active)																	
											2.3	5.4	10.0	16.5	Increased, 2013-2018	Not available	No chang

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

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

White* Sexual B	Behavio	rs															
				H	Iealth R	Risk Bel	navior a	nd Per	centage	S					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	5 2018	-		
control 1	PARG: I ring (suc y sexual	ch as Nu	vaRing)														
											8.5	4.0	2.0	2.4	No linear change	Not available <sup>¶</sup>	No chang
implant control 1	HHPL: I (such as ring (suc	s Implan ch as Nu	on or N vaRing)	explano	n); or a	shot (su	ich as Ô	epo-Pro	vera), p	atch (su	ch as C	rthoEv	ra), or b				
currenty	y sexual	ily active	~)								39.6	41.4	30.0	52.3	No linear change	Not available	Increase
pills; an Depo-Pr	ALBC: IUD (su rovera), ent preg	uch as M patch (s	Iirena oi uch as C	r ParaGa OrthoEv	ard) or i ra), or b	mplant oirth con	(such as itrol ring	Implang (such a	on or N as Nuva	explano	n); or a	shot (s	uch as				

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

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

																2016-2018 §
1991 1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
NBCNONE: P								prevent	pregnar	ncy duri	ng last :	sexual				
tercourse (amo	ng stud	ents who	o were o	currently	y sexual	ly active	e)			140	12.4	15.0	10.7	Na lineau abenea	Not available <sup>¶</sup>	NIa ahan
										14.0	12.4	15.8	12.7	No linear change	Not available	No chan

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

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

				Н	Iealth R	Risk Beh	navior a	nd Pero	centage	S					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
						erweigh data fro						tile for t	ody ma	iss			
											15.2	18.5	16.1	16.3	No linear change	Not available	No chan
						besity (>			le for b	ody mas	s index	, based	on sex-	and			
											15.6	16.1	15.1	19.5	No linear change	Not available	No char
	Percenta	age of st	udents v	who des	cribed t	hemselv	es as sli	ghtly or	very ov	verweigh	nt						
N67:											27.7	27.4	25.6	27.7	No linear change	Not available	No chan
QN67:																	
N69:	Percenta he surve		tudents v	who did	not drir	nk fruit j	uice (10	00% frui	t juices	one or r	nore tin	nes duri	ng the 7	days			,

<sup>\*</sup>Non-Hispanic.

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

<sup>§</sup>Based on t-test analysis, p < 0.05.

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

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

				H	Iealth R	Risk Beh	avior a	nd Pero	centage	s					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN70: 1	Percenta	age of st	tudents v	who did	not eat	fruit (on	e or mo	re times	during	the 7 da	ıys befo	ore the s	urvey)				
											14.8	17.4	24.3	23.1	Increased, 2013-2018	Not available¶	No chang
						nt fruit o	r drink	100% fr	uit juice	es (such					Increased, 2013-2018	Not available¶	No chang
			student				r drink	100% fr	uit juice	es (such					Increased, 2013-2018  Increased, 2013-2018	Not available¶	No chang
or grape	juice, d	uring th	ne 7 days	s before	the surv	vey)					as oran	ge juice 10.6	, apple j	juice,			
or grape  ONFR1:	juice, d	uring th	student	s before	the surv		100% fi	ruit juice	es one o		as oran	ge juice 10.6	, apple j	juice,			,

<sup>\*</sup>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* Weight M	Manage	ement a	nd Diet	ary Beh	naviors												
				H	Health F	Risk Bel	navior a	nd Per	centage	s					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QNFR2: orange ju										or more	times p	er day (	such as				
											19.4	23.3	19.2	15.6	No linear change	Not available¶	No change
QN71: F	Percenta	age of st	tudents	who did	not eat	green sa	alad (on	e or mo	re times	during	the 7 da	ays befo	re the s	urvey)			+
											40.3	44.2	48.6	46.0	No linear change	Not available	No change
QN72: F	Percenta	age of st	tudents	who did	not eat	potatoe	s (one o	r more t	imes du	ring the	7 days	before	he surv	ey)			
											26.4	27.7	39.2	41.1	Increased, 2013-2018	Not available	No change
QN73: F	Percenta	age of st	tudents	who did	not eat	carrots	(one or	more tir	nes duri	ng the 7	days b	efore th	e surve	y)			
											59.9	57.2	62.3	55.6	No linear change	Not available	No change

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

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

				H	lealth R	Risk Bel	navior a	nd Per	centage	s					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN74: 1	Percenta	ige of st	udents v	who did	not eat	other ve	getable	s (one o	r more t	times du	iring the	e 7 days	before t	he	+		
survey)											20.3	19.6	29.3	28.2	Increased, 2013-2018	Not available <sup>¶</sup>	No chang
QNVEG potatoes												ng Frenc	ch fries,	fried			
												ng Frenc	ch fries,	fried	Increased, 2013-2018	Not available	No chang
	or pota	entage of	s], carro	ts, or other	ate veg	etables,	during the	he 7 day	es per d	e the sur	8.4 en salad	6.7	15.9 es [excl	15.4	Increased, 2013-2018	Not available	No chan

<sup>\*</sup>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.

	J	ement a		-		Risk Bel	navior a	and Pero	centage	s					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	<del>_</del> }		
QNVEC French f																	
											24.0	27.0	20.2	23.3	No linear change	Not available¶	No chang
								more tin						the 12.2	No linear change	Not available	No chang
excludi survey) QN75:	ng Frencenta	ch fries,	, fried po	otatoes,	or potat	o chips]	, carrots		of soda	ables, d	uring tl	ne 7 day 15.6	8.3	12.2	No linear change	Not available	No chanş

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

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

# Maryland High School Survey Dorchester County Trend Analysis Report

White\* Weight Management and Dietary Behaviors **Health Risk Behavior and Percentages** Linear Change<sup>†</sup> Quadratic Change<sup>†</sup> Change from 2016-2018 § 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QNSODA1: Percentage of students who drank a can, bottle, or glass of soda or pop one or more times per day (such as Coke, Pepsi, or Sprite, not counting diet soda or diet pop, during the 7 days before the survey) 24.4 25.9 20.6 18.4 Decreased, 2013-2018 Not available ¶ No change QNSODA2: Percentage of students who drank a can, bottle, or glass of soda or pop two or more times per day (such as Coke, Pepsi, or Sprite, not counting diet soda or diet pop, during the 7 days before the survey) 16.6 17.4 14.4 12.8 No linear change Not available No change

<sup>\*</sup>Non-Hispanic.

<sup>&</sup>lt;sup>†</sup>Based on trend analyses using a logistic regression model controlling for sex, race/ethnicity, and grade, p < 0.05.

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

Not enough years of data to calculate.

# Maryland High School Survey Dorchester County Trend Analysis Report

White\* **Physical Activity Health Risk Behavior and Percentages** Linear Change<sup>†</sup> Quadratic Change<sup>†</sup> Change from 2016-2018 § 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QN78: Percentage of students who were physically active at least 60 minutes per day on 5 or more days (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey) 49.9 39.1 31.3 34.3 Decreased, 2013-2018 Not available ¶ No change QNPA0DAY: Percentage of students who did not participate in at least 60 minutes of physical activity on at least 1 day (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey) 15.4 17.7 21.6 27.1 Increased, 2013-2018 Not available No change QNPA7DAY: Percentage of students who were physically active at least 60 minutes per day on all 7 days (in any kind of physical activity that increased their heart rate and made them breathe hard some of the time during the 7 days before the survey) 28.4 25.0 16.2 20.7 Decreased, 2013-2018 Not available No change

<sup>\*</sup>Non-Hispanic.

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

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

Not enough years of data to calculate.

Vhite* Physical Activity		Н	ealth R	isk Beh	avior a	nd Perc	centages	s					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from
															2016-2018 §
1991 1993 1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	8		
QN79: Percentage of st	udents w	/ho wat	ched tele	evision	3 or mor	re hours	s per day	y (on an	averag	e schoo	l day)	18.7	Degraced 2012 2019	Not available¶	No abone
									28.0	20.3	22.4	16.7	Decreased, 2013-2018	Not available	No chang
QN80: Percentage of st (counting time spent on Instagram, Facebook, or	things su	uch as X	Kbox, Pl	ayStatio	on, an iP	ad or ot	ther tabl	let, a sm	artphor	ie, texti	ng, Ŷou	Tube,	Increased, 2013-2018	Not available	No chang
													<del></del>		
QN81: Percentage of st week when they were in			nded ph	ysical e	ducation	ı (PE) c	lasses o	n 1 or n	nore day	s (in ar	averag	ge			,

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

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

# Maryland High School Survey Dorchester County Trend Analysis Report

White\* **Physical Activity Health Risk Behavior and Percentages** Linear Change<sup>†</sup> Quadratic Change<sup>†</sup> Change from 2016-2018 § 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QNDLYPE: Percentage of students who attended physical education (PE) classes on all 5 days (in an average week when they were in school) 27.5 3.1 3.9 Decreased, 2013-2018 Not available ¶ No change 2.3 QN83: Percentage of students who had a concussion from playing a sport or being physically active (one or more times during the 12 months before the survey) 18.5 15.5 No linear change Not available No change

<sup>\*</sup>Non-Hispanic.

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

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

Not enough years of data to calculate.

# Maryland High School Survey Dorchester County Trend Analysis Report

White\* Other **Health Risk Behavior and Percentages** Linear Change<sup>†</sup> Quadratic Change<sup>†</sup> Change from 2016-2018 § 1991 1993 1999 1995 1997 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QN86: Percentage of students who saw a dentist (for a check-up, exam, teeth cleaning, or other dental work, during the 12 months before the survey) 74.8 74.8 81.6 Increased, 2014-2018 Not available ¶ No change QNNODNT: Percentage of students who never saw a dentist (for a check-up, exam, teeth cleaning, or other dental work) 2.0 2.6 1.4 No linear change Not available No change QN87: Percentage of students who had ever been told by a doctor or nurse that they had asthma 30.8 27.3 No linear change Not available No change 23.7 24.3

<sup>\*</sup>Non-Hispanic.

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

<sup>§</sup>Based on t-test analysis, p < 0.05.

Not enough years of data to calculate.

## **Maryland High School Survey Dorchester County Trend Analysis Report**

White\*

Site-Add	led			F	Iealth F	Risk Bel	navior a	nd Per	centage	s					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN90: 1	Percent	age of s	tudents	who are	transge	nder							4.1	1.1	No linear change	Not available <sup>¶</sup>	No change
QN93: before the									g (on at	least 1	day dur	ing the		38.3	No linear change	Not available	No change
QN94: 1	Percent	age of s	tudents	who sm	oked a v	whole ci	garette t	pefore a	ge 13 ye	ears (for	the firs	t time) 9.4	11.2	4.8	Decreased, 2013-2018	Not available	Decreased
QN98: day duri						pacco in	a hooka	nh, narg	hile, or	other ty	pe of wa	aterpipe	(on at le	2.6	No linear change	Not available	No change

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

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

# Maryland High School Survey Dorchester County Trend Analysis Report

White\* Site-Added **Health Risk Behavior and Percentages** Linear Change<sup>†</sup> Quadratic Change<sup>†</sup> Change from 2016-2018 § 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QN99: Percentage of students who usually use a kind of flavoring other than tobacco flavor with an electronic vapor product (among students who have ever used an electronic vapor product) 93.2 95.3 94.1 No linear change Not available ¶ No change QN101: Percentage of students who have ever used an electronic vapor product to smoke marijuana, THC or hash oil, or THC wax 6.9 No linear change Not available No change 8.3 QN102: Percentage of students who think they definitely or probably will smoke a cigarette, cigar, cigarillo, or little cigar in the next year 21.3 21.0 No linear change Not available No change QN103: Percentage of students who used flavored tobacco products (flavored cigars, cigarillos, or little cigars, flavored smokeless tobacco products, or both, not counting menthol cigarettes, during the 30 days before the survey) 6.1 Decreased, 2013-2018 Not available No change 16.0 17.5 12.2

<sup>\*</sup>Non-Hispanic.

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

<sup>§</sup>Based on t-test analysis, p < 0.05.

Not enough years of data to calculate.

# Maryland High School Survey Dorchester County Trend Analysis Report

Site-Added **Health Risk Behavior and Percentages** Linear Change<sup>†</sup> Quadratic Change<sup>†</sup> Change from 2016-2018 § 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QN104: Percentage of students who tried or used tobacco products for the first time (during the 12 months before the survey) Not available ¶ 15.0 7.0 6.0 Decreased, 2014-2018 No change QN105: Percentage of students who completely quit using all tobacco products (during the 12 months before the survey, among students who used tobacco products during the 12 months before the survey) Not available Decreased 31.9 23.7 36.9 9.7 Decreased, 2013-2018

47.4 48.4

40.3

40.0

QN107: Percentage of students who report the rule about smoking inside their home is that smoking is not allowed anywhere inside their home (not counting decks, garages, or porches)

QN106: Percentage of students who live with someone who now smokes cigarettes or cigars

81.2 80.7 No linear change Not available

Not available

Decreased, 2013-2018

White\*

No change

No change

<sup>\*</sup>Non-Hispanic.

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

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

Not enough years of data to calculate.

# Maryland High School Survey Dorchester County Trend Analysis Report

White\* Site-Added **Health Risk Behavior and Percentages** Linear Change<sup>†</sup> Quadratic Change<sup>†</sup> Change from 2016-2018 § 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QN108: Percentage of students who were in the same room with someone who was smoking (on at least one day during the 7 days before the survey) No linear change 32.2 30.1 Not available ¶ No change QN110: Percentage of students who were taught in their classes about the dangers of tobacco use (during the last school year) 67.9 52.6 52.2 51.6 Decreased, 2013-2018 Not available No change QN117: Percentage of students who say definitely yes or probably yes that young people who smoke have more friends Not available No change 26.1 26.7 28.9 34.0 No linear change QN118: Percentage of students who say definitely yes or probably yes that smoking makes young people look cool or fit in 19.0 18.1 21.7 27.1 Increased, 2013-2018 Not available No change

<sup>\*</sup>Non-Hispanic.

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

<sup>§</sup>Based on t-test analysis, p < 0.05.

Not enough years of data to calculate.

# Maryland High School Survey Dorchester County Trend Analysis Report

White\* Site-Added

**Health Risk Behavior and Percentages** 

Linear Change<sup>†</sup>

Quadratic Change<sup>†</sup>

Change from 2016-2018 §

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

QN119: Percentage of students who would feel comfortable seeking help from one or more adults besides their parents if they had an important question affecting their life

78.9 83.6 77.8 78.9 No

No linear change

Not available<sup>¶</sup>

No change

<sup>\*</sup>Non-Hispanic.

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

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

Not enough years of data to calculate.

Black* Injury ai	nd Viol	ence		τ	Joolth I	Diels Dol	haviar a	and Don	oonto co						Linear Change	Ovodrotio Changa	Changa from
				Ι	ieaiui r	CISK DEI	havior a	ma rer	centage	:S					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN9: Po							ho had	been dri	inking a	lcohol (	in a car	or othe	r vehicl	e, one	•		
01 111010		urrig ur	e e e e e e e e e e e e e e e e e e e								20.4	23.2	17.1	24.0	No linear change	Not available¶	No change
QN10: I times du days bef	ring the fore the	e 30 day: survey)	s before	the sur	vey, am	ong stuc	dents wh	no had d	riven a	car or o	ther veh	4.0	ing the	4.1	No linear change	Not available	No change
QN11: I the 30 da survey)																	
												14.0	35.1	22.6	No linear change	Not available	

<sup>\*</sup>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.

Injury a	nd Viol	ence		H	lealth R	Risk Bel	navior a	nd Pero	centage	s					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN13: I						eapon o	n schoo	proper	ty (such	as a gu	ın, knife	, or clu	o, on at	least 1			
day duli	ng me s	o days i	betote ti	ie sui ve	у)						5.5	4.1	12.7	10.6	Increased, 2013-2018	Not available <sup>¶</sup>	No change
QN14: I													for hu	nting			
													11.9	14.0	No linear change	Not available	No change
						-	:		-	-							
QN16: 1										on scho	ol prop	erty (suc	ch as a g	gun,			

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

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

Black* Injury a	nd Viol	ence		H	lealth R	Risk Bel	navior a	nd Per	centage	s					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QN18: I				who wer	e in a pl	hysical	fight on	school	property	(one o	r more	times du	uring the	e 12 19.9	No linear change	Not available¶	No change
QN22: I someone with an o	e they w object o	ere dati r weapo	ng or go n] one o	oing out or more	with [co	ounting uring the	such thi e 12 mo	ngs as b nths bef	eing hit	, slamm	ned into	someth	ing, or i	njured			,
went out	t with so	omeone	during t	he 12 m	onths bo	efore the	e survey	·)			13.1	8.8	10.6	22.3	No linear change	Not available	Increased
QN23: 1	Percenta	age of st	udents v	who wer	e bullie	d on sch	nool pro	perty (e	ver duri	ng the 1	12 mont	hs befor	re the su	ırvey)	,		·
											14.0	15.4	15.5	20.2	No linear change	Not available	No change

<sup>\*</sup>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.

njury a	nd Viol	lence													T' CI †		CI e
				ŀ	Health F	tisk Ber	iavior a	ina Per	centage	S					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
	Percent ok, or ot										d throug	h textir	ıg, Insta	gram,			
											10.5	10.3	12.6	13.7	No linear change	Not available¶	No chang
	Percental doing s										eks in a	row so 24.0	that the	y 29.4	Increased, 2013-2018	Not available	No chang
stopped  QN26:	doing s	ome usu	al activ	ities, ev	er durin	g the 12	months	before	the surv	rey)	21.9	24.0	32.7	29.4	Increased, 2013-2018	Not available	No chang
stopped	doing s	ome usu	al activ	ities, ev	er durin	g the 12	months	before	the surv	rey)	21.9	24.0	32.7	29.4	Increased, 2013-2018 Increased, 2013-2018	Not available  Not available	No chang
QN26: survey)	doing s	age of si	tudents	who seri	er durin	g the 12	months ed attem	pting su	the surv	vey) ver duri	21.9 ang the 114.2	24.0 12 mont 14.6	32.7 hs before 23.9	29.4 re the 18.3	, 		

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

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

Black* Tobacco U	U <b>se</b>																
				H	Iealth F	Risk Bel	navior a	nd Per	centage	s					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN32: Pe survey)	ercenta	age of st	tudents	who cur	rently s	moked c	eigarette	s (on at	least 1	day duri	ing the 3	30 days	before	the	,		
											13.4	7.6	13.6	12.5	No linear change	Not available¶	No change
QNFRCIO			of stud	ents who	o curren	itly smo	ked ciga	arettes f	requentl	y (on 20	O or moi	re days	during	the 30			
											4.7	1.7	1.5	1.5	Decreased, 2013-2018	Not available	No change
QNDAYO			ge of st	udents v	vho curi	ently sn	noked c	igarette	s daily (	on all 3	0 days d	luring t	ne 30 da	iys			·
											4.7	0.9	0.0	1.1	Not available	Not available	Not availab
QN34: Pervape pipes	s, vapi	ng pens															
												41.3	55.2	50.0	No linear change	Not available	No chang

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

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

lack* 'obacco	Use																
				H	lealth R	Risk Bel	navior a	nd Pero	centage	s					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	<del>-</del>		
e-pipes,	vape pi	age of st pes, vap Halo], or	ing pens	s, e-hoo	kahs, an	d hooka	h pens	[such as	blu, NJ								
												23.5	21.8	34.6	Increased, 2014-2018	Not available¶	Increase
		rcentage ays befo			o currer	ntly used	l electro	nic vapo	or produ	icts freq	uently (	(on 20 c	or more	days			
												3.5	2.4	4.0	No linear change	Not available	No chang
		Percenta ore the s		udents v	who cur	rently us	sed elect	tronic va	apor pro	ducts d	aily (on	all 30	days dur	ing			,
												3.2	1.0	2.4	No linear change	Not available	No chang
		ntage of				smoked	l cigaret	tes or us	sed elec	tronic v	apor pro	oducts	(on at le	ast 1			
												28.0	30.6	41.0	Increased, 2014-2018	Not available	No chan

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

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

Black* Tobacco	Use																
				H	lealth R	disk Beh	navior a	nd Perc	centages	\$					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
	-	-										_					
QN37: F dissolval														nic			
QN37: I dissolvat vapor pro	ble toba	cco pro	ducts [st	ich as C	openhag	gen, Gri	zzly, Sk	oal, or (						nic			
dissolvat	ble toba	cco pro	ducts [st	ich as C	openhag	gen, Gri	zzly, Sk	oal, or (						nic 16.7	No linear change	Not available¶	No chang
dissolvat	ble toba oducts,	on at lea	ducts [suast 1 day	uch as C during	openhag the 30 c	gen, Gri days bef	zzly, Sk fore the	coal, or ( survey)	Camel S	nus], no	ot count	ing any	9.4	16.7	No linear change	Not available¶	No chang
dissolvat vapor pro QN38: I	ble toba oducts,	on at lea	ducts [suast 1 day	uch as C during	openhag the 30 c	gen, Gri days bef	zzly, Sk fore the	coal, or ( survey)	Camel S	nus], no	ot count	ing any	9.4	16.7	No linear change  No linear change	Not available¶  Not available	No chang
dissolvat vapor pro QN38: I	Percentane 30 da	age of st ys befor	ducts [suast 1 day	nch as C during who curr rvey)	the 30 c	gen, Gri days bef moked c	zzly, Sk Fore the s	oal, or (survey)	Camel S	or little	e cigars,	on at lo	9.4 east 1 da 17.2	16.7 ny 14.2			

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

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

Black* Alcohol and Otl	her Dru	g Use	Н	ealth R	tisk Beh	navior a	nd Perc	centages	S					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2016-2018 §
1991 1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	8		
QN40: Percenta	age of st	udents v	vho had	their fi	rst drink	of alco	hol befo	ore age 1	3 years	(other	han a fe	ew sips	)			
										21.7	18.6	27.5	24.8	No linear change	Not available <sup>¶</sup>	No change
QN41: Percenta the 30 days before			vho curi	ently di	rank alco	ohol (at	least on	e drink	of alcoh	nol, on a	it least 1	day dı	uring			
										36.7	20.4	23.5	21.2	Decreased, 2013-2018	Not available	No change
				ontly w	ere bine	ve drinki	ng (had	four or	more d	rinks of	alcohol	in a ro	w for			,
QN42: Percenta female students day during the 3	or five	or more	drinks o	of alcoho						couple o	f hours,	on at l	east 1			

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

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

Black* Alcohol a	and Otl	her Dru	ıg Use														
				H	Iealth F	Risk Bel	navior a	nd Per	centage	S					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN45: 1	Percenta	age of s	tudents	who eve	er used r	narijuan	a (one c	or more	times du	iring the	eir life)						
											44.1	40.9	39.8	41.1	No linear change	Not available¶	No change
QN46: 1	Percenta	age of s	tudents	who trie	d mariji	uana for	the first	time be	efore ag	e 13 yea	ars	•	-		+		
											12.1	11.4	12.3	18.5	No linear change	Not available	No change
QN47: I	Percenta	age of s	tudents	who cur	rently u	sed mar	ijuana (d	one or n	nore tim	es durir	ng the 3	0 days t	efore th	ie			,
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,											29.6	23.2	25.3	22.1	No linear change	Not available	No change
QN48: 1	Percenta	age of s	tudents	who eve	er used s	synthetic	marijua	ana (one	e or mor	e times	during	their life	e)				
												13.7	14.9	18.7	No linear change	Not available	No change

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

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

Alcohol	and Oth	her Dru	g Use	H	Iealth F	Risk Beh	avior a	nd Pero	centage	s					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	<del>-</del>		
differen	Percenta tly than odone, a	how a d	loctor to	old them	to use i	t (counti	ing drug	s such a									
													18.4	20.2	No linear change	Not available <sup>¶</sup>	No chang
	Percenta				r used c	ocaine (	any fori	n of coo	caine, in	cluding	powde	r, crack,	or free	base,			,
											8.4	5.5	12.9	18.1	Increased, 2013-2018	Not available	No chang
	Percenta uring the		udents	who eve	r used h	eroin (a	lso calle	ed "smao	ck," "jui	nk," or '	'China	White,"	one or	more			·
											7.1	6.2	14.0	15.8	Increased, 2013-2018	Not available	No chang
			udents :	who eve	er used r	nethamr	hetamir	nes (also	called	"speed,	" "cryst	al meth,	" "cranl	κ,"			
	Percenta r "meth,"							`		•							

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

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

Alcohol a	ina Otn	ier Di	ug (	Use	H	lealth F	Risk Bel	navior a	nd Pero	centage	s					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2016-2018 §
1991	1993	1995	1	997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
				4	ho ava	r usad a	cetaev (	also call	ed "MF	)MA." c	ne or n	nore tim	ies durii	ng their	life)	-		
QN54: F	Percenta	ge of	stud	ents w	no eve	i useu e	cstasy (	aiso can	cu wil	· · · · · · · · ·	01 11			_				
QN54: F	Percenta	ige of	stud	ents w	no eve	i useu e	csiasy (	arso can	ca wie	,		8.7	7.2	15.2	17.7	Increased, 2013-2018	Not available¶	No chang
QN56: F	Percenta	ge of	stud	ents w	ho eve	r injecte	•					8.7	7.2	15.2		Increased, 2013-2018	Not available <sup>¶</sup>	No chang
QN54: F  QN56: F body, one	Percenta	ge of	stud	ents w	ho eve	r injecte	•					8.7	7.2	15.2		Increased, 2013-2018  Increased, 2013-2018	Not available <sup>¶</sup> Not available	No chang
QN56: F	Percenta e or mo	ge of re tim	stud es di	ents wuring t	vho eve	r injecte	ed any il	legal dr	ug (usec	l a need	le to inj	8.7 ject any 3.1	7.2 illegal 3.4	15.2 drug int 13.8	o their			

<sup>\*</sup>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* Sexual I	Behavioi	rs		H	Iealth R	Risk Bel	navior a	nd Per	centage	s					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN58:	Percenta	age of st	udents v	who eve	er had se	exual int	ercourse	e			62.8	59.5	62.2	54.3	No linear change	Not available <sup>¶</sup>	No chang
QN59:	Percenta	age of st	udents v	who had	l sexual	intercou	arse for	the first	time be	fore ag	e 13 yea	ırs					
											14.2	18.4	12.3	8.1	No linear change	Not available	No chang
QN60:	Percenta	age of st	udents v	who had	l sexual	intercou	ırse with	n four o	r more p	ersons	during t	heir life	:				
											27.0	24.9	20.1	12.0	Decreased, 2013-2018	Not available	No change
	Percenta he 3 mo					ntly sexu	ually act	tive (had	l sexual	interco	ourse wi	th at lea	st one p	erson,			
$\mathcal{C}$																	

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

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

## **Maryland High School Survey Dorchester County Trend Analysis Report**

Black\* **Sexual Behaviors** 

**Health Risk Behavior and Percentages** 

Linear Change<sup>†</sup>

Quadratic Change<sup>†</sup>

**Change from** 2016-2018 §

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

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

21.7 29.1 24.5

No linear change

Not available¶

No change

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

<sup>§</sup>Based on t-test analysis, p < 0.05.

Not enough years of data to calculate.

	·······································	ment a	Iu Dieu	•		Risk Beh	avior a	nd Pero	centage	s					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
	T: Perco											tile for l	oody ma	ıss			
											18.7	21.9	24.4	18.2	No linear change	Not available	No change
	ESE: Pe								ile for b	ody mas	ss index	, based	on sex-	and			
											18.3	20.9	23.2	20.7	No linear change	Not available	No change
QN67:	Percenta	age of st	udents v	who des	cribed t	hemselv	es as sli	ghtly or	very ov	verweig	ht						,
											26.0	28.5	26.0	19.3	No linear change	Not available	No change
	Percenta	age of st	udents v	who did	not drir	nk fruit j	uice (10	00% frui	it juices	one or i	more tir	nes duri	ng the 7	days	,		,
	he surve	y)															

<sup>\*</sup>Non-Hispanic

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

<sup>§</sup>Based on t-test analysis, p < 0.05.

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

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

				H	Iealth R	Risk Bel	navior a	nd Per	centage	s					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QN70: 1	Percenta	age of st	tudents v	who did	not eat	fruit (or	ne or mo	ore times	s during	the 7 d	ays befo	ore the s	urvey)	•			
											21.7	21.3	24.7	25.0	No linear change	Not available¶	No change
															_		· ·
QNFR0:							or drink	100% fr	uit juice	es (such	as oran	ge juice	, apple	juice,	·		
QNFR0: or grape							or drink	100% fr	uit juice	es (such	as oran	ge juice		juice,	No linear change	Not available	No change
	juice, d	luring the	ne 7 days	s before	the surv	vey) or drank	100% f	ruit juic	es one o		7.8	11.6	14.5		No linear change	Not available	No chang

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

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

Black* Weight N	Manage	ement a	nd Diet	ary Beh	naviors												
				H	Health F	Risk Bel	havior a	ind Per	centage	S					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QNFR2: orange ju										or more	times p	er day (	such as				
											23.9	25.8	22.3	26.7	No linear change	Not available¶	No change
QN71: I	Percent	age of st	tudents	who did	not eat	green sa	alad (on	e or mo	re times	during	the 7 da	ays befo	re the s	urvey)			,
											52.8	54.9	50.9	56.4	No linear change	Not available	No change
QN72: I	Percent	age of st	tudents	who did	not eat	potatoe	s (one o	r more t	imes du	ring the	7 days	before	the surv	ey)			
											36.3	39.6	45.3	47.2	Increased, 2013-2018	Not available	No change
QN73: I	Percent	age of st	tudents	who did	not eat	carrots	(one or	more tir	nes duri	ng the 7	7 days b	efore th	e surve	y)			
											72.1	73.1	59.2	58.1	Decreased, 2013-2018	Not available	No change

<sup>\*</sup>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	Health R	Risk Bel	navior a	nd Pero	centage	s					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN74: survey)	Percenta	age of st	udents v	who did	not eat	other ve	getables	s (one o	r more t	imes du	ring the	e 7 days	before	the	•		
surveyy											25.6	33.4	37.8	34.9	No linear change	Not available <sup>¶</sup>	No change
					did not her vege							ng Frenc	th fries,	fried 19.3	Increased, 2013-2018	Not available	No chang
													-				
					ate veg hips], ca												

<sup>\*</sup>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.

	Manage					isk Beh	avior a	nd Per	centage	s					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
-	32: Perc fries, fric	_			_				•				-	_			
											24.2	20.0	20.5	20.4	No linear change	Not available¶	No chang
[excludi	33: Perc													the			
														the 12.4	No linear change	Not available	No chang
[excludi survey) QN75:		ch fries,	fried po	otatoes,	or potate	chips]	, carrots	or glass	er veget	ables, d	luring the	13.3	7.2	12.4	No linear change	Not available	No chang

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

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

			I.	lealth R	Risk Beh	avior a	nd Perc	centage	S					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2016-2018 §
1991 1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	<del></del>		
NSODA1: Pesuch as Coke,									days be	efore the			19.3	Decreased, 2013-2018	Not available¶	No chan
																NO CHA

<sup>\*</sup>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 Activity  Health Risk Behavior and Percentages													Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2016-2018 §		
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
kind of p	Percenta physical fore the s	activity	that inc														
,		3,															
											34.9	31.5	28.2	23.7	Decreased, 2013-2018	Not available¶	No chang
1 day (ir	DAY: For any kir	nd of ph	ysical a	ctivity th	vho did hat incre	not part	icipate i eir heart	n at leas rate an	st 60 mi d made	nutes of them br	physic	al activi	ty on at	least	Decreased, 2013-2018	Not available¶	No chang
1 day (ir	n any kir	nd of ph	ysical a	ctivity th	who did hat incre	not part eased th	icipate i eir heart	n at least rate an	st 60 mi d made	nutes of them br	physic	al activi	ty on at	least	Decreased, 2013-2018  Increased, 2013-2018	Not available <sup>¶</sup> Not available	No chang
I day (ir during the QNPA7 kind of p	n any kir	es before  Percenta activity	ysical a e the sur	ctivity the vey)	vho wer	eased th	eir heart	rate an	d made	them br	physic reathe h	al activiard som	ty on at e of the 31.7 days (i	least time 36.8	,		

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

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

Black* Physical Activity Health Risk Behavior and Percentages												Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2016-2018 §	
1991 1993 1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	5 2018	3		
QN79: Percentage of stu	udents v	vho wat	ched tel	levision	3 or mo	ore hour	s per da	y (on ar	ı averag	e schoo	l day)	·			
									43.8	44.5	28.6	29.6	Decreased, 2013-2018	Not available <sup>¶</sup>	No change
QN80: Percentage of str counting time spent on instagram, Facebook, or	things su	uch as X	Xbox, Pl	layStatio	on, an il	Pad or o	ther tab	let, a sn	nartphoi	ne, texti	ng, Ŷoı	ıTube,	No linear change	Not available	No chang
QN81: Percentage of str week when they were in			nded ph	nysical e	education	n (PE) c	lasses o	n 1 or r	nore day	ys (in aı	n averag	ge			,
week when they were in															

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

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

# Maryland High School Survey Dorchester County Trend Analysis Report

Black\* **Physical Activity Health Risk Behavior and Percentages** Linear Change<sup>†</sup> Quadratic Change<sup>†</sup> Change from 2016-2018 § 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QNDLYPE: Percentage of students who attended physical education (PE) classes on all 5 days (in an average week when they were in school) 22.6 6.5 Decreased, 2013-2018 Not available ¶ No change 4.5 6.9 QN83: Percentage of students who had a concussion from playing a sport or being physically active (one or more times during the 12 months before the survey) 30.1 29.2 No linear change Not available No change

<sup>\*</sup>Non-Hispanic.

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

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

Not enough years of data to calculate.

Black* Other																	
				H	lealth R	Risk Beh	avior a	nd Pero	centage	S					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN86: I						st (for a	check-u	ıp, exan	n, teeth	cleaning	g, or oth	er denta	ıl work	,			
					,							62.3	65.5	60.4	No linear change	Not available¶	No change
												02.0	00.0	00.1	1 to initial change	1 (of a variable	140 change
	ONT: Pe	ercentag	e of stud	dents w	no neve	r saw a o	dentist (	for a che	eck-up,	exam, to	eeth cle				Tto inical change	1.01 1.11110.10	- Two change
QNNOD work)	DNT: Pe	ercentag	e of stud	dents w	ho never	r saw a c	dentist (i	for a cho	eck-up,	exam, to	eeth cle				No linear change	Not available	No change
work)												aning, o	or other	dental			
												aning, o	or other	dental			

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

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

### Maryland High School Survey **Dorchester County Trend Analysis Report**

Rlack\*

Site-Add				H	Health <b>F</b>	Risk Beł	navior a	nd Per	centage	s					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2016-2018 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	<u> </u>		
QN90:	Percenta	age of s	tudents	who are	transge	nder							7.9	2.1	Decreased, 2016-2018	Not available¶	Decreased
QN93: before the									g (on at	least 1	day dur	ing the	30 days 30.8	27.6	No linear change	Not available	No change
QN94:	Percent	age of s	tudents	who sm	oked a v	whole ci	garette t	efore a	ge 13 ye	ears (for	the firs	9.0	13.6	12.8	No linear change	Not available	No change
QN98: day duri						oacco in	a hooka	h, narg	hile, or o	other ty	pe of wa	terpipe	(on at le	9.8	No linear change	Not available	No change

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

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

### Maryland High School Survey Dorchester County Trend Analysis Report

Black\* Site-Added **Health Risk Behavior and Percentages** Linear Change<sup>†</sup> Quadratic Change<sup>†</sup> Change from 2016-2018 § 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QN99: Percentage of students who usually use a kind of flavoring other than tobacco flavor with an electronic vapor product (among students who have ever used an electronic vapor product) 90.9 93.3 95.0 No linear change Not available ¶ No change QN101: Percentage of students who have ever used an electronic vapor product to smoke marijuana, THC or hash oil, or THC wax 7.5 No linear change Not available No change 11.7 QN102: Percentage of students who think they definitely or probably will smoke a cigarette, cigar, cigarillo, or little cigar in the next year 26.1 18.3 No linear change Not available No change QN103: Percentage of students who used flavored tobacco products (flavored cigars, cigarillos, or little cigars, flavored smokeless tobacco products, or both, not counting menthol cigarettes, during the 30 days before the survey) 9.4 No linear change Not available No change 15.2 12.4 11.1

<sup>\*</sup>Non-Hispanic.

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

<sup>§</sup>Based on t-test analysis, p < 0.05.

Not enough years of data to calculate.

## Maryland High School Survey Dorchester County Trend Analysis Report

Black\* Site-Added **Health Risk Behavior and Percentages** Linear Change<sup>†</sup> Quadratic Change<sup>†</sup> Change from 2016-2018 § 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QN104: Percentage of students who tried or used tobacco products for the first time (during the 12 months before the survey) 9.6 8.5 No linear change Not available ¶ No change 8.1 QN106: Percentage of students who live with someone who now smokes cigarettes or cigars 45.1 42.1 33.6 42.8 No linear change Not available No change QN107: Percentage of students who report the rule about smoking inside their home is that smoking is not allowed anywhere inside their home (not counting decks, garages, or porches) 69.4 69.0 No linear change Not available No change QN108: Percentage of students who were in the same room with someone who was smoking (on at least one day during the 7 days before the survey)

30.5

38.1

No linear change

Not available

No change

<sup>\*</sup>Non-Hispanic.

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

<sup>§</sup>Based on t-test analysis, p < 0.05.

Not enough years of data to calculate.

### Maryland High School Survey Dorchester County Trend Analysis Report

Black\* Site-Added **Health Risk Behavior and Percentages** Linear Change<sup>†</sup> Quadratic Change<sup>†</sup> Change from 2016-2018 § 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 2018 QN110: Percentage of students who were taught in their classes about the dangers of tobacco use (during the last school year) 48.1 Decreased, 2013-2018 Not available ¶ No change 65.3 62.3 52.4 QN117: Percentage of students who say definitely yes or probably yes that young people who smoke have more friends 51.2 57.3 60.1 63.4 No linear change Not available No change QN118: Percentage of students who say definitely yes or probably yes that smoking makes young people look cool or fit in Increased, 2013-2018 Not available No change 29.7 31.3 32.2 45.3 QN119: Percentage of students who would feel comfortable seeking help from one or more adults besides their parents if they had an important question affecting their life 79.5 78.0 71.6 68.8 Decreased, 2013-2018 Not available No change

<sup>\*</sup>Non-Hispanic.

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

<sup>§</sup>Based on t-test analysis, p < 0.05.

Not enough years of data to calculate.

Hispanic Injury an	d Viole	ence		Н	ealth Ri	isk Beha	avior ar	nd Perco	entages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN9: Po							ho had l	been dri	nking al	lcohol (	in a car 38.7	or other	r vehicle	e, one 27.7	No linear change	Not available <sup>§</sup>	No change
,															140 illiear change	ivot available	No change
QN13: 1 day duri						eapon o	n school	l proper	ty (such	as a gu	ın, knife	e, or clu	b, on at	least 1			
											23.2	12.7	26.8	14.0	No linear change	Not available	No change
QN14: I													y for hu	nting			
													24.5	17.5	No linear change	Not available	No change

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

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

Hispanic njury an	d Viole	ence															
				Н	ealth R	isk Beh	avior ar	nd Perc	entages						Linear Change <sup>*</sup>	Quadratic Change*	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QN16: I knife, or										on scho	ool prop	erty (su	ch as a	gun,			
											24.4	19.3	27.2	20.3	No linear change	Not available§	No change
QN18: I months b				who we	re in a p	hysical	fight on	school	property	(one o	or more	times d	uring th	e 12			
											32.4	26.6	29.6	15.8	No linear change	Not available	No change
QN23: I	Percenta	age of st	tudents	who we	re bullie	ed on sch	nool pro	perty (e	ver duri	ng the	12 mont	hs befo	re the su	ırvey)			
											34.0	27.6	30.8	35.0	No linear change	Not available	No change
QN24: I											d throug	gh textii	ng, Insta	ngram,			
											19.7	27.0	29.9	31.7	No linear change	Not available	No change

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

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

Iispanic njury an		ence		Н	ealth Ri	isk Beha	avior ar	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	8		
QN25: stopped											eks in a	row so	that the	у			
stopped	doing s	offic use	iai activi	ares, ev	or during	5 110 12	monun	Colore	che sur v	<i>-</i> 3 <i>)</i>	39.1	32.0	42.0	48.9	No linear change	Not available <sup>§</sup>	No change
QN26:	Percenta	age of st	tudents v	who seri	ously co	onsidere	ed attem	pting su	icide (e	ver duri	ing the	12 mont	hs befor	re the			
survey)											26.1	26.1	28.2	35.8	No linear change	Not available	No change
QN27: before the			tudents v	who mad	de a plai	n about l	how the	y would	l attemp	t suicid	e (durir	ng the 12	2 month	S			,
											18.4	20.0	32.6	32.4	Increased, 2013-2018	Not available	No change

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

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

lispanic obacco	Use																
				Н	ealth R	isk Beh	avior aı	nd Perc	entages						Linear Change <sup>*</sup>	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN32: I	Percenta	age of s	tudents	who cur	rently s	moked o	igarette	s (on at	least 1 o	day duri	ng the 3	30 days	before t	he			
											29.4	15.2	27.9	17.4	No linear change	Not available <sup>§</sup>	No change
		rcentage survey)		ents wh	o currer	ntly smo	ked ciga	rettes fi	requentl	y (on 20	or moi	e days	during tl	he 30			
j		37									15.2	8.3	16.0	3.4	No linear change	Not available	No change
	CIG: Ine surve		ige of st	udents v	who curi	rently sr	noked ci	igarettes	s daily (	on all 3	0 days d	uring th	ie 30 da	ys			
											12.1	8.3	14.5	3.4	No linear change	Not available	No change
ape pip		ing pens				an electr h pens [											
												46.6	55.4	63.3	Increased, 2014-2018	Not available	No change

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

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

				Не	alth Ri	sk Beha	vior an	d Perce	entages						Linear Change*	Quadratic Change*	Change fro 2016-201
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
	: Percer					smoked	cigarett	es or us	ed elect	ronic va	apor pro	ducts (	on at le	ast 1	•		
ay duri	ng the 3	o days i	berore ii	ie surve	<i>y)</i>							36.5	38.4	45.6	No linear change	Not available§	No chang
M27.	Percenta	age of st	udents v	vho cur	rontly 11	1 1	1	1 /									
lissolva	ble toba oducts,		ducts [st	ich as C	openhag	gen, Gri	zzly, Sk	oal, or C			co, snuff ot count			nic			
issolva	ble toba		ducts [st	ich as C	openhag	gen, Gri	zzly, Sk	oal, or C						nic 14.4	No linear change	Not available	No chan
lissolva vapor pr	ble toba oducts,	on at lea	ducts [suast 1 day	ich as C	Copenhag the 30 c	gen, Gri days bef	zzly, Sk fore the s	oal, or (	Camel S	nus], no	ot count	ing any	electron 23.9	14.4	No linear change	Not available	No chan
lissolva vapor pr QN38:	ble toba	on at lea	ducts [suast 1 day	uch as C during	Copenhag the 30 c	gen, Gri days bef	zzly, Sk fore the s	oal, or (	Camel S	nus], no	ot count	ing any	electron 23.9	14.4	No linear change	Not available	No cha

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

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

ispanic obacco \				Н	ealth Ri	isk Beha	avior ar	nd Perc	entages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2016-2018 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
QNTB2: before th			student	s who c	urrently	smoked	l cigaret	tes or ci	igars (or	n at leas	t 1 day	during t	he 30 da	ays			
											38.1	24.3	38.8	24.2	No linear change	Not available§	No change

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

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

lispanic Icohol a		er Drug	g Use	Н	ealth R	isk Beh	avior aı	nd Perc	entages						Linear Change*	Quadratic Change <sup>*</sup>	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QN40: 1	Percenta	age of st	udents	who had	l their fi	rst drink	c of alco	hol befo	ore age	13 years	s (other	than a f	ew sips	)			
											32.6	29.6	42.5	24.6	No linear change	Not available§	No change
QN41: 1 the 30 da				who cur	rently d	rank alc	ohol (at	least or	ne drink	of alco	hol, on	at least	1 day dı	ıring			
												37.2	41.1	28.2	No linear change	Not available	No change
QN42: I female s day duri	tudents	or five	or more	drinks o	of alcoh												
													23.4	13.2	No linear change	Not available	No change

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

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

Hispanio Alcohol		ner Drug	g Use	Н	ealth R	isk Beh	avior aı	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		2010-2016
QN45:	Percent	age of s	tudents	who eve	er used i	narijuan	a (one o	or more	times dı	aring the	eir life)						
											44.5	52.7	49.1	31.2	No linear change	Not available§	No change
QN46:	Percent	age of s	tudents	who trie	d marij	uana for	the firs	t time b	efore ag	e 13 yea	ars						<u>,                                      </u>
											25.8	20.7	26.7	22.0	No linear change	Not available	No change
QN47: survey)		age of s	tudents	who cur	rently u	sed mar	ijuana (	one or n	nore tim	es durir	ng the 3	0 days b	efore th	ie			
, ,											31.1	32.2	33.3	14.4	Decreased, 2013-2018	Not available	No change
QN48:	Percent	age of s	tudents	who eve	er used s	synthetic	mariju	ana (one	e or mor	e times	during	their life	e)				
												24.1	19.2	19.9	No linear change	Not available	No change

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

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

Hispanic Alcohol a		er Dru	g Use														
				Н	ealth R	isk Beha	avior ar	nd Perc	entages						Linear Change*	Quadratic Change*	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QN49: differen Hydroco	tly than	how a	doctor to	old them	to use i	it (count	ing drug	s such a	ne withous codei	out a do ne, Vico	ctor's prodin, Ox	rescript xyConti	on or n,				
													26.0	22.3	No linear change	Not available§	No change
QN50: one or n					er used o	cocaine (	any fori	m of coo	caine, in	cluding	powde	r, crack	, or free	base,			
											26.5	13.0	26.4	19.7	No linear change	Not available	No change
QN52: times du			tudents	who eve	er used l	neroin (a	lso calle	ed "sma	ck," "jui	nk," or '	"China	White,"	one or	more	,		,
											27.6	15.6	29.6	21.6	No linear change	Not available	No change
QN53: "ice," or							hetamir	nes (also	called	"speed,	" "cryst	al meth	," "cran	k,"			
											16.1	11.4	25.2	17.0	No linear change	Not available	No change

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

Hispanic Alcohol ar	nd Oth	er Druş	g Use	Н	ealth Ri	sk Beha	avior ar	nd Perc	entages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2016-2018 <sup>†</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	_		
QN54: I	Percenta	age of s	tudents	who eve	r used e	cstasy (	also call	ed "MD	MA," c	ne or n	nore tim	es durii	ng their	life)			
											25.2	13.7	27.7	24.2	No linear change	Not available§	No change
QN56: I body, on						ed any il	legal dr	ug (used	d a need	le to inj	ject any	illegal	drug int	o their			,
											21.4	10.8	26.1	18.9	No linear change	Not available	No change
QN57: I months b				who wei	re offere	d, sold,	or give	n an ille	gal drug	on sch	ool pro	perty (d	uring th	ie 12			
											43.5	29.4	34.3	41.8	No linear change	Not available	No change

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

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

				Н	ealth Ri	sk Beha	vior an	d Perce	entages						Linear Change <sup>*</sup>	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			

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

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

Iispanic Veight M		nent an	d Dieta	-		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			
QN67:	Percenta	age of st	udents v	vho des	cribed tl	hemselv	es as sli	ghtly or	r very ov	verweig	ht		:				
											26.4	28.6	28.3	18.5	No linear change	Not available§	No change
QN69: before tl			udents v	vho did	not drir	ık fruit j	uice (10	00% frui	it juices	one or	more tin	mes dur	32.9	days 40.2	No linear change	Not available	No change
QN70:	Percenta	age of st	udents v	vho did	not eat	fruit (or	ne or mo	ore times	s during	the 7 d	ays befo	ore the s	survey)	,			
											27.7	32.3	31.2	27.0	No linear change	Not available	No change
QNFR0 or grape							or drink	100% fr	uit juice	es (such	as oran	ge juice	e, apple	juice,			
											18.3	14.2	15.8	20.9	No linear change	Not available	No change

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

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

				nry Beha H		isk Beh	avior aı	nd Perc	entages						Linear Change*	Quadratic Change <sup>*</sup>	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
							100% f			or more	times p	er day (	such as				
											56.2	41.5	37.1	49.9	No linear change	Not available <sup>§</sup>	No change
					-				-								
							100% f ays befo			or more	times p	er day ( 24.0	such as	22.3	No linear change	Not available	No change
orange	uice, ap	ple juic	e, or gra	ipe juice	e, during	the 7 da		ore the s	urvey)		35.2	24.0	20.2	22.3	No linear change	Not available	No change
orange	uice, ap	ple juic	e, or gra	ipe juice	e, during	the 7 da	ays befo	ore the s	urvey)		35.2	24.0	20.2	22.3	No linear change  No linear change	Not available  Not available	No change
QN71:	Percent	age of s	e, or gra	who did	not eat	green sa	ays befo	e or mo	re times	during	35.2 the 7 da 41.7	24.0 ays before 54.1	20.2 re the si	22.3 urvey) 47.8			

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

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

Hispanic Weight M	anager	nent an	d Dieta	•		isk Beha	avior ar	nd Perc	entages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QN73: P	ercenta	age of st	tudents v	who did	not eat	carrots (	(one or i	more tin	nes duri	ng the 7	7 days b	efore th	e surve	y)			
											51.3	62.2	53.2	50.6	No linear change	Not available§	No change
QN74: P survey)	Percenta	age of st	udents	who did	not eat	other ve	getable	s (one o	r more t	imes du	ring the	e 7 days	before	the			
survey)											36.1	38.7	42.0	36.5	No linear change	Not available	No change
ONVEG							etables (					ng Fren	ch fries,	fried			
potatoes,	or pota	ato enips	sj, carro	is, or ou	ner vege	etables,	auring t	ne / day	ys belor	e me su	i vey)						

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

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

				Н	ealth Ri	sk Beh	avior aı	nd Perc	entages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QNVEO																	
											64.2	43.6	54.2	47.4	No linear change	Not available§	No change
QNVEO																	,
													survey	)	Decreased, 2013-2018	Not available	No change
	ries, frie	ed potat	oes, or p	nts who	ate veg	rrots, or	other v	regetable	es, durir	day (gr	51.6	29.5 ad, pota	28.3	19.3	Decreased, 2013-2018	Not available	No change

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

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

				Н	ealth Ri	isk Beh	avior ar	nd Perc	entages	:					Linear Change*	Quadratic Change*	Change from 2016-2018
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	3		
QN75: Sprite, 1											(such a	s Coke,	Pepsi, o	or			
											30.0	24.6	23.6	39.6	No linear change	Not available <sup>§</sup>	Increased
QNSOI (such as														ny	,		
														ny 10.6	Decreased, 2013-2018	Not available	No change
	Coke, I	Pepsi, or	e of stud	not cou	nting di	et soda o	or diet p	op, duri	ng the 7	7 days b	26.3 wo or n	26.0	21.0 es per da	10.6	Decreased, 2013-2018	Not available	No change

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

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

				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	-		
kind of	Percenta physical fore the	activity															
Ĭ		3,									28.7	28.5	23.5	25.5	No linear change	Not available§	No change
1 day (i	DAY: In any kii he 7 day	nd of ph	ysical a	ctivity tl													-
1 day (i	n any kii	nd of ph	ysical a	ctivity tl											No linear change	Not available	No change
1 day (induring t	n any kii	ercenta	ysical action the sur	ctivity the vey)	hat incre	eased the	eir heart	rate and	d made	them br	21.0	36.3 on all 7	38.5 days (in	31.9	No linear change	Not available	No chang

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

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

Hispanic Physical A		,		Н	ealth Ri	sk Beha	avior an	nd Perc	entages						Linear Change <sup>*</sup>	Quadratic Change <sup>*</sup>	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	-		
QN79: 1	Percenta	age of st	tudents v	who wat	tched tel	evision	3 or mo	re hour	s per da	y (on ar	averag	e schoo	l day)				
											28.7	23.6	20.3	20.6	No linear change	Not available§	No change
QN80: (countin	g time s	pent on	things s	such as 2	Xbox, P	layStatio	on, an iF	Pad or o	ther tab	let, a sn	nartphoi	ne, texti erage s	ng, Ŷou	ıTube, ay)	No linear change	Not available	No change
QN81: 3 week wh					ended ph	ysical e	ducation	n (PE) c	lasses o	n 1 or r	nore da	ys (in ar 44.0	averag	ge 41.9	No linear change	Not available	No change

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

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

## Maryland High School Survey Dorchester County Trend Analysis Report

Hispanic **Physical Activity** Linear Change\* **Health Risk Behavior and Percentages** Quadratic Change\* Change from 2016-2018 <sup>†</sup> 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) Decreased, 2013-2018 Not available§ 21.2 3.5 2.7 2.3 No change QN83: Percentage of students who had a concussion from playing a sport or being physically active (one or more times during the 12 months before the survey) 23.5 22.8 No linear change Not available No change

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

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

## Maryland High School Survey Dorchester County Trend Analysis Report

				Н	ealth Ri	isk Beh	avior aı	nd Perc	entages						Linear Change*	Quadratic Change*	Change fro 2016-201
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018			
						st (for a	check-	up, exar	n, teeth	cleaning	g, or othe	er dent	al work				
	Percenta ne 12 mo					st (for a	check-	up, exar	n, teeth	cleaning		er dent	al work	64.4	No linear change	Not available <sup>§</sup>	No ch
uring th	ne 12 mo	onths be	efore the	survey	)							61.9	60.4	64.4	No linear change	Not available <sup>§</sup>	No char

35.8 37.1 29.7 40.2

No linear change

Not available

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

Hispanic

No change

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

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

### Maryland High School Survey Dorchester County Trend Analysis Report

Site-Added **Health Risk Behavior and Percentages** Linear Change\* Quadratic Change\* Change from 2016-2018 <sup>†</sup> 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2014 2016 QN90: Percentage of students who are transgender 16.8 Decreased, 2016-2018 Not available§ No change QN94: Percentage of students who smoked a whole cigarette before age 13 years (for the first time) 28.4 25.1 22.5 19.6 No linear change Not available No change

22.4 13.0

21.7

26.0

No linear change

No linear change

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

QN101: Percentage of students who have ever used an electronic vapor product to smoke marijuana, THC or hash

oil, or THC wax

day during the 30 days before the survey)

Hispanic

No change

No change

Not available

Not available

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

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

Hispanic Site-Adde																	
				Н	ealth Ri	isk Beh	avior ar	nd Perc	entages						Linear Change <sup>*</sup>	Quadratic Change*	Change from 2016-2018 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	5 2018	3		
QN102: little ciga				s who th	ink they	definite	ely or pr	obably	will smo	oke a ciş	garette,	cigar, c	igarillo	, or			
													41.7	36.6	No linear change	Not available <sup>§</sup>	No change
QN103: flavored survey)																	
3,											23.1	19.7	19.2	11.5	Decreased, 2013-2018	Not available	No change
QN104: the surve		tage of	students	s who tri	ied or us	sed toba	cco prod	lucts for	the firs	t time (	during	the 12 r	nonths l	pefore			
												12.4	23.1	11.4	No linear change	Not available	No change
QN106:	Percen	tage of	students	s who liv	ve with	someone	e who no	ow smo	kes ciga	rettes o	r cigars						
											33.2	47.9	36.9	50.8	No linear change	Not available	No change

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

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

lispanic ite-Adde																	
				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			
QN107: allowed										home i	is that sı	noking	is not				
													73.4	78.4	No linear change	Not available§	No change
QN108: during th					ere in th	ne same	room wi	th some	one wh	o was s	moking	(on at l	east one	e day			
													48.5	32.9	No linear change	Not available	Decreased
QN110: school y		tage of	students	s who w	ere taug	ht in the	ir classe	es about	the dan	gers of	tobacco	use (dı	iring the	e last			
												47.8	43.2	58.1	No linear change	Not available	No change
QN117: friends	Percen	tage of	students	s who sa	y defini	tely yes	or prob	ably yes	that yo	ung peo	ople who	o smoke	have n	nore	,		
											45.4	54.5	57.6	53.4	No linear change	Not available	No change

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

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

### **Maryland High School Survey Dorchester County Trend Analysis Report**

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				Н	ealth R	isk Beha	avior an	nd Perco	entages	\$					Linear Change*	Quadratic Change*	Change from 2016-201
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2014	2016	2018	•		
		ntage of	students	who sa	y defini	tely yes	or prob	ably yes	s that sn	noking r	nakes y	oung p	eople lo	ok			
		ntage of	students	who sa	y defini	tely yes	or prob	ably yes	s that sn	noking r	-	oung po	eople lo	ok 45.5	No linear change	Not available <sup>§</sup>	No chang
N118: ool or f		ntage of	students	who sa	y defini	tely yes	or prob	ably yes	s that sn	noking r	-		-		No linear change	Not available <sup>§</sup>	No chang
ol or f	it in Percen	ntage of	students	s who we	ould fee	tely yes	rtable se				44.9	31.7	37.9	45.5	No linear change	Not available <sup>§</sup>	No chan

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

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