## **Delaware Middle School Survey New Castle County Trend Analysis Report**

Total

<b>9</b> 9	and Vio	lence		Healt	th Risk	Behavio	or and P	ercenta	ges					Linear Change*	Quadratic Change <sup>*</sup>	Change from 2015-2017 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	•		
QN8:	Percenta	ige of st	udents v	vho rare	ly or ne	ver wore	a seat b	elt (whe	en riding	g in a car	r)					
								5.9	8.2	6.4	6.8	4.1	5.1	Decreased, 2007-2017	No quadratic change	No change
QN9:	Percenta	ige of st	udents w	vho ever	rode w	ith a driv	ver who	had bee 28.4	n drinki 30.3	ng alcol	20.9	car) 17.0	16.4	Decreased, 2007-2017	No quadratic change	No change
						ith a driv		28.4	30.3	20.9	20.9	17.0				
								28.4					16.4 45.8	Decreased, 2007-2017  Decreased, 2007-2017	No quadratic change  No quadratic change	No change  Decreased

<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.

## Delaware Middle School Survey New Castle County Trend Analysis Report

Total **Injury and Violence Health Risk Behavior and Percentages** Linear Change\* Quadratic Change\* Change from 2015-2017 † 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2015 2017 QN13: Percentage of students who were ever electronically bullied (counting being bullied through texting, Instagram, Facebook, or other social media) 19.4 17.7 Decreased, 2013-2017 Not available§ No change QN14: Percentage of students who ever seriously thought about killing themselves 24.6 No quadratic change 20.6 20.9 12.8 18.5 15.9 Decreased, 2007-2017 No change QN15: Percentage of students who ever made a plan about how they would kill themselves 11.9 11.4 12.6 18.7 11.4 9.2 No linear change Increased, 2007-2013 No change Decreased, 2013-2017 QN16: Percentage of students who ever tried to kill themselves 7.2 6.1 5.4 No linear change Not available No change

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

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

Not enough years of data to calculate.

## Delaware Middle School Survey New Castle County Trend Analysis Report

Decreased QN19: Percentage of students who currently smoked cigarettes (on at least 1 day during the 30 days before the survey) 8.0 7.7 6.0 4.5 1.7 Decreased, 2007-2017 Decreased, 2007-2013 No change Decreased, 2013-2017 QNFRCIG: Percentage of students who currently smoked cigarettes frequently (on 20 or more days during the 30 days before the survey) 1.7 2.2 1.2 1.0 0.3 0.1 Decreased, 2007-2017 No change, 2007-2013 No change Decreased, 2013-2017 QNDAYCIG: Percentage of students who currently smoked cigarettes daily (on all 30 days during the 30 days before the survey) 1.5 1.9 0.8 0.9 0.3 Decreased, 2007-2017 No change, 2007-2013 No change Decreased, 2013-2017

Total

<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 Tobacco	) Use			Healt	h Risk l	Behavio	or and P	ercenta	iges					Linear Change*	Quadratic Change*	Change from 2015-2017 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	-		
e-cigar	s, e-pipe	s, vape	pipes, v	who eve aping pe	ens, e-ho	n electro ookahs, a	onic vap and hook	or produ	uct (incl	luding e ıs blu, N	-cigarett IJOY, V	tes, use,				
	, 8-	.,	, -		1/							16.9	13.3	Decreased, 2015-2017	Not available§	No change
e-cigar NJOY,	ettes, e-	cigars, e AarkTer	pipes, v	vape pip	es, vapii	sed an eng pens, o, and H	e-hooka	hs, and	hookah	pens [s	uch as b	lu, ⁄s	,			
		-37										8.1	4.5	Decreased, 2015-2017	Not available	Decreased
				who cui		moked c y)	igars (ci	gars, ci	garillos,	or little	cigars,	on at				
								4.8	6.6	4.9	4.9	2.6	1.4	Decreased, 2007-2017	No change, 2007-2013 Decreased, 2013-2017	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.

Fotal Alcohol	and Ot	ther Dr	ug Use													
				Healt	th Risk	Behavio	or and P	'ercenta	iges					Linear Change*	Quadratic Change*	Change from 2015-2017 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	•		
QN26:	Percen	tage of	students	who eve	er drank	alcohol	(other t	han a fe	w sips)							
								40.4	40.3	35.9	26.9	21.4	19.3	Decreased, 2007-2017	No change, 2007-2011 Decreased, 2011-2017	No change
		tage of	students	who dra	ank alco	hol for t	he first t	ime bef	ore age	11 years	(other t	han a				
few sip	18)							13.9	15.8	12.4	10.0	7.0	7.9	Decreased, 2007-2017	No quadratic change	No change
QN28:	Percen	tage of	students	who eve	er used	marijuan	ıa									
								13.9	15.4	14.3	13.6	9.9	7.8	Decreased, 2007-2017	Increased, 2007-2011 Decreased, 2011-2017	No change
QN29:	Percen	tage of	students	who trie	ed marij	uana for	the first	t time be	efore ago	e 11 yea	rs					
								3.0	3.2	2.0	3.0	1.6	1.1	Decreased, 2007-2017	No quadratic change	No change
QN30: or free		tage of	students	who eve	er used	cocaine	(any for	m of coo	caine, in	cluding	powder,	crack,				
	,							2.8	3.3	2.2	2.1	1.0	0.8	Decreased, 2007-2017	No change, 2007-2013 Decreased, 2013-2017	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.

				Healt	th Risk	Behavio	r and P	ercenta	iges					Linear Change*	Quadratic Change*	Change from 2015-2017 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017			
N34:	Percen	tage of s	tudents	who eve	er had se	exual int	ercourse	<u>,</u>								
								23.2	23.0	18.7	16.2	10.6	6.4	Decreased, 2007-2017	No change, 2007-2011 Decreased, 2011-2017	Decreased
N35:	Percen	tage of s	tudents	who had	d sexual	intercou	irse for t	he first	time bet	fore age	11 years	S				
								5.8	6.6	5.2	4.4	2.6	2.3	Decreased, 2007-2017	No quadratic change	No change
			tudents tercours	who use	ed a con	dom dur	ing last	sexual i	ntercour	se (amo	ng stude	ents				
vho ev	or mad 5															

<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.

otal Veight	Manag	ement a	and Diet	tary Bel Healt		Behavio	r and P	'ercenta	iges					Linear Change*	Quadratic Change*	Change from 2015-2017 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017			
QN38:	Percen	tage of s	students	who des	scribed t	hemselv	es as sli	ghtly or	very ov	erweigh	nt					
								26.6	24.6	26.5	25.6	25.1	27.4	No linear change	No quadratic change	No change
QN39:	Percen	tage of s	students	who we	re trying	g to lose	weight									
								43.4	42.1	45.6	45.5	42.3	45.9	No linear change	No quadratic change	No change
QN40:	Percen	tage of s	students	who did	l not eat	breakfa	st (durin	ig the 7	days bet	fore the	survey)					
										11.1	10.3	8.7	8.5	No linear change	Not available§	No change
QNBK'		Percent	tage of s	tudents	who ate	breakfa	st on all	7 days (	(during	the 7 day	ys befor	e the				
,										48.4	46.8	51.1	50.4	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.

Fotal Physica	ıl Activi	ty														
				Healt	h Risk	Behavio	or and P	Percenta	iges					Linear Change*	Quadratic Change*	Change from 2015-2017 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	-		
lays (i	n any ki	nd of ph	ıysical a	who we ctivity the	nat incre	ased the	tive at le	east 60 r rate and	ninutes j l made tl	per day nem bre	on 5 or a	more d some				
		C	J						46.6	44.9	45.0	47.6	50.8	Increased, 2009-2017	Not available§	No change
ctivity	on at le	east 1 da	ıy (in an	tudents y y kind o time du	f physic	al activi	ty that i	ncreased	l their h	nutes of eart rate	physica and ma	l de				
									18.1	11.2	14.8	13.0	10.9	Decreased, 2009-2017	Not available	No change
lays (i	n any ki	nd of ph	ysical a	tudents v ctivity the	nat incre	ased the	cally act	ive at le rate and	ast 60 m l made tl	ninutes p	er day o	on all 7 d some				
									28.7	28.6	25.1	27.5	27.8	No linear change	Not available	No change
QN42: day)	Percen	tage of s	students	who wa	tched te	levision	3 or mo	ore hours	s per day	(on an	average	school				
····· (1)								43.8	42.5	43.5	44.1	32.4	24.9	Decreased, 2007-2017	No change, 2007-2013 Decreased, 2013-2017	Decreased

<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.

otal hysica	l Activit	ty		Healt	h Risk	Behavio	r and P	ercenta	ges					Linear Change*	Quadratic Change*	Change from 2015-2017 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017			
nours p smartp	er day (	counting kting, Y	g time sp ouTube,	ent on t Instagra	hings su am, Fac	ich as X	box, Pla	yStation	ı, an iPa	d or oth	er 3 or n er tablet ning that	, a				
					• /				32.7	37.2	42.9	46.1	49.8	Increased, 2009-2017	Not available§	No change
	Percent week v					nysical e	ducation	n (PE) c	lasses o	n 1 or m	ore days	s (in an				
iverage																
iverage								64.9	63.1	63.9	63.0	61.2	67.6	No linear change	No quadratic change	Increased
QNDL	YPE: Po					ded phys	sical edu				63.0 all 5 day		67.6	No linear change	No quadratic change	Increased
QNDL						ded phys	sical edu						16.1	No linear change  Decreased, 2007-2017	No quadratic change  No quadratic change	Increased  No change
QNDL average	Percent	vhen the	y were i	in schoo	ol)		one spor	29.5	PE) class 22.1 (counting	24.5	all 5 day	s (in an 17.6				

<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				Healt	th Risk	Behavio	r and P	ercenta	ges					Linear Change*	Quadratic Change*	Change from 2015-2017 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	•		
QN47:	Percent	age of	students	who had	d ever b	een told	by a doo	ctor or n	urse tha	t they ha	ad asthm	ıa				
								20.8	23.6	26.0	26.0	21.7	19.8	No linear change	Increased, 2007-2011 Decreased, 2011-2017	No change
QN48:	Percent	age of	students	who go	t 8 or m	ore hour	s of slee	p (on an	average	e school	night)					
										55.6	53.7	55.0	49.4	Decreased, 2011-2017	Not available§	Decreased
	Percent ths befo			who des	scribed	their gra	des in sc	hool as	mostly .	A's or B	's (durin	g the				
												77.6	74.8	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. \*Not enough years of data to calculate.

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				Healt	h Risk	Behavio	or and P	ercenta	ges					Linear Change*	Quadratic Change*	Change from 2015-2017 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	-		
QN54:	Percen	tage of s	students	who sm	oked a v	whole ci	garette b	efore ag	ge 11 ye	ars (for	the first	time)				
								5.5	6.5	3.7	4.2	1.5	1.2	Decreased, 2007-2017	Decreased, 2007-2013 Decreased, 2013-2017	No change
	Percent the surv		students	who cui	rently d	rank alc	ohol (ot	her than	a few s	ips, duri	ng the 3	0 days				
		•									10.3	6.6	5.4	Decreased, 2013-2017	Not available <sup>§</sup>	No change
)N56:	Percen	tage of s	students	who cui	rently u	sed mar	ijuana (d	during th	ne 30 da	ys befor	e the sur	rvey)				
										7.1	6.9	5.0	4.0	Decreased, 2011-2017	Not available	No change

46.8 52.5 57.1 Increased, 2013-2017

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.

## **Delaware Middle School Survey New Castle County Trend Analysis Report**

Site-Add				Healt	h Risk	Behavio	or and P	Percenta	nges					Linear Change*	Quadratic Change*	Change from 2015-2017 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017			
											teas, soo day bef					
													53.8	No linear change	Not available <sup>§</sup>	No change
power d survey)	Percent	energy d	rinks or	other dr	rinks wi	th caffei	ne adde	d, one o	r more t	imes the		57.3	53.8	No linear change	Not available <sup>s</sup>	No change

53.2

2.0

9.6

2.3

9.1

46.4 Decreased, 2007-2017

No linear change

No linear change

No quadratic change

Not available

Not available

No change

No change

No change

QN69: Percentage of students who have been taught about AIDS or HIV infection in school

QN71: Percentage of students who have serious difficulty seeing (even when wearing glasses)

QN70: Percentage of students who are deaf or have serious difficulty hearing

71.3

62.3 56.2 57.3

Total

<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.

## Delaware Middle School Survey New Castle County Trend Analysis Report

**Injury and Violence Health Risk Behavior and Percentages** Linear Change\* Quadratic Change\* Change from 2015-2017 † 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2015 2017 QN8: Percentage of students who rarely or never wore a seat belt (when riding in a car) 7.2 7.7 5.8 8.0 4.1 6.3 No linear change No quadratic change No change QN9: Percentage of students who ever rode with a driver who had been drinking alcohol (in a car) 30.0 26.5 17.8 18.6 14.2 15.4 Decreased, 2007-2017 No quadratic change No change

69.8

37.0

12.0

61.9

31.1

9.6

56.8

32.3

10.3

Decreased, 2007-2017

Decreased, 2013-2017

No linear change

No quadratic change

Not available§

Not available

No change

No change

No change

78.5 75.8

71.0

QN13: Percentage of students who were ever electronically bullied (counting being bullied through

QN11: Percentage of students who were ever in a physical fight

texting, Instagram, Facebook, or other social media)

QN12: Percentage of students who were ever bullied on school property

Male

 $<sup>^*</sup>B$ ased 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.

## **Delaware Middle School Survey New Castle County Trend Analysis Report**

Male

				Healt	h Risk l	Behavio	or and P	ercenta	ges					Linear Change*	Quadratic Change*	Change from 2015-2017 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	-		
QN14:	Percent	tage of s	tudents	who eve	er seriou	sly thou	ght abou	ıt killinş	g themse	elves						
								17.4	14.5	18.7	8.3	12.2	12.2	Decreased, 2007-2017	No quadratic change	No change
QN15:	Percent	tage of s	tudents	who eve	er made	a plan a	bout hov					12.2	12.2	Decreased, 2007-2017	No quadratic change	No change
QN15:	Percent	tage of s	tudents	who eve	er made	a plan a	bout hov					7.1	7.3	Decreased, 2007-2017  No linear change	No quadratic change  No change, 2007-2013  Decreased, 2013-2017	No change
			tudents					w they w	vould ki	ll thems	elves				No change, 2007-2013	

<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.

Male Fobacc	o Use			Healt	th Risk	Behavio	or and P	'ercenta	iges					Linear Change*	Quadratic Change*	Change from 2015-2017 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	•		
 QN17:	Percen	tage of	students	who eve	er tried o	cigarette	smokin	g (even	one or t	wo puffs	s)					
								24.7	26.5	24.3	16.7	8.7	7.3	Decreased, 2007-2017	No change, 2007-2011 Decreased, 2011-2017	No change
	Percen the surv		students	who cu	rrently s	moked c	igarette	s (on at	least 1 d	lay durir	ng the 30	0 days				
		-3,						7.3	7.2	6.0	3.8	1.3	1.2	Decreased, 2007-2017	No change, 2007-2011 Decreased, 2011-2017	No change
			e of stuc		o currei	ntly smo	ked ciga	rettes fr	equently	y (on 20	or more	e days				
		, = = 52.		<del> </del>				1.6	1.9	1.4	1.0	0.3	0.2	Decreased, 2007-2017	No change, 2007-2013 Decreased, 2013-2017	No change
	YCIG: days bei			tudents	who cur	rently sn	noked ci	garettes	daily (d	on all 30	days dı	ıring				
								1.5	1.5	1.2	0.9	0.2	0.2	Decreased, 2007-2017	No quadratic 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.

Male Tobacco	) Use			Healt	h Risk	Behavio	r and P	'ercenta	nges					Linear Change*	Quadratic Change*	Change from 2015-2017 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	-		
e-cigar	s, e-pipe	es, vape	pipes, v	who eve aping pe Go, and	ns, e-ho								14.2	No linear change	Not available <sup>8</sup>	No change
01700												10.0		Tto imear change		Tio change
e-cigar	ettes, e- Vuse, N	cigars, e AarkTer	pipes,	who cui vape pip , Vapin l	es, vapi	ng pens,	e-hooka	ahs, and	hookah	pens [s	such as t	olu, ys				
												8.7	4.8	Decreased, 2015-2017	Not available	Decreased
				who cui			igars (ci	igars, ci	garillos	or little	e cigars,	on at				
								5.8	5.5	6.6	5.2	2.3	1.4	Decreased, 2007-2017	No change, 2007-2011 Decreased, 2011-2017	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.

Iale Icohol	and Ot	her Dru	ug Use	Healt	th Risk	Behavio	or and P	'ercenta	iges					Linear Change*	Quadratic Change*	Change from 2015-2017 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017			2015-2017
N26:	Percen	tage of s	students	who ev	er drank	alcohol	(other t	han a fe	w sips)							
		-						38.8	42.2	35.8	26.4	20.6	18.0	Decreased, 2007-2017	No change, 2007-2011 Decreased, 2011-2017	No change
		tage of	students	who dra	ank alco	hol for t	he first t	ime bef	ore age	11 years	other t	han a				
ew sip	s)							14.3	18.3	13.9	11.5	7.7	9.1	Decreased, 2007-2017	No quadratic change	No change
N28:	Percen	tage of s	students	who ev	er used 1	narijuan	ıa									
								14.7	17.4	18.2	14.8	9.5	7.9	Decreased, 2007-2017	Increased, 2007-2011 Decreased, 2011-2017	No change
QN29:	Percen	tage of s	students	who trie	ed marij	uana for	the first	time be	efore age	e 11 yea	rs					
								4.1	4.4	3.2	3.8	1.2	1.5	Decreased, 2007-2017	No quadratic change	No change
QN30: or freel		tage of s	students	who eve	er used o	cocaine (	(any for	m of coo	caine, in	cluding	powder,	crack,				
								3.2	2.6	2.8	2.5	0.9	0.8	Decreased, 2007-2017	No quadratic 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.

Sexual	Behavio	ors		Healt	h Risk	Behavio	or and P	'ercenta	iges					Linear Change*	Quadratic Change*	Change from 2015-2017 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	•		
QN34:	Percent	tage of	students	who eve	er had se	exual int	ercourse	29.0	28.5	24.0	21.4	13.7	10.2	Decreased, 2007-2017	No change, 2007-2011 Decreased, 2011-2017	No change
QN35:	Percent	tage of s	students	who had	d sexual	intercou	arse for	the first	time bet	fore age	11 years	S				

<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.

Male Weight	Manag	ement a	and Diet	tary Bel Healt		Behavio	or and P	<b>P</b> ercenta	iges					Linear Change*	Quadratic Change*	Change from 2015-2017 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017			
QN38:	Percen	tage of	students	who des	scribed t	themselv	es as sli	ightly or	very ov	erweigh	nt					
								23.2	20.0	22.0	23.3	21.1	23.6	No linear change	No quadratic change	No change
QN39:	Percen	tage of	students	who we	re trying	g to lose	weight									
								34.5	31.5	36.5	39.1	36.5	38.5	Increased, 2007-2017	No quadratic change	No change
QN40:	Percen	tage of	students	who dic	l not eat	breakfa	st (durin	ng the 7	days bef	ore the	survey)					
										7.9	8.4	7.4	6.8	No linear change	Not available§	No change
QNBK survey		Percen	tage of s	students	who ate	breakfa	st on all	7 days (	(during t	the 7 day	ys before	e the				
J.										56.4	53.9	60.1	57.7	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. \*Not enough years of data to calculate.

Male Physical	l Activi	ty														
				Healt	h Risk	Behavio	or and F	Percenta	iges					Linear Change*	Quadratic Change*	Change from 2015-2017 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	-		
days (ir	n any ki	nd of ph	iysical a	who we activity the	nat incre	ased the	tive at le	east 60 r rate and	ninutes I made t	per day hem bre	on 5 or athe har	more d some				
		6				,			52.2	55.2	51.4	57.4	58.8	Increased, 2009-2017	Not available <sup>§</sup>	No change
activity	on at le	east 1 da	ıy (in an	students ny kind o time du	f physic	al activi	ty that i	ncreased	d their h	nutes of eart rate	physica and ma	ıl .de				
						·		•	16.6	10.2	12.5	10.0	10.1	Decreased, 2009-2017	Not available	No change
days (ir	n any ki	nd of ph	iysical a	students activity the	nat incre	ased the										
									34.2	35.7	31.9	36.6	35.3	No linear change	Not available	No change
QN42: day)	Percen	tage of s	students	who wa	tched te	levision	3 or mo	ore hour	s per da	y (on an	average	school				
37								44.7	42.3	41.9	45.3	31.4	24.5	Decreased, 2007-2017	No change, 2007-2013 Decreased, 2013-2017	Decreased

<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.

Male Physica	l Activi	ty		Haal	ul Diala	Dahari	J D	4 .						Lineau Channa*	Overduskie Change*	Changa faan
				Hean	ın Kisk	Behavio	or and P	ercenta	iges					Linear Change*	Quadratic Change*	Change from 2015-2017 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	-		
hours p smartpl	er day ( hone, te	counting xting, Y	g time s	pent on t , Instagr	things stam, Fac	eo or con uch as X ebook, o	box, Pla	yStation	n, an iPa	d or oth	er table	i, a				
									34.0	40.7	45.0	46.2	51.1	Increased, 2009-2017	Not available <sup>§</sup>	No change
			students ey were			hysical e	education	n (PE) c	lasses o	n 1 or m	ore day	s (in an				
								69.1	65.7	66.8	66.1	65.1	70.7	No linear change	No quadratic change	No change
			ge of stu			ded phys	sical edu	ication (	PE) clas	sses on a	all 5 day	s (in an				
								33.3	19.5	23.6	19.4	18.6	19.3	Decreased, 2007-2017	Decreased, 2007-2013 No change, 2013-2017	No change
QN45: their sc	Percent shool or	tage of s	students nity gro	who pla	yed on ing the p	at least o oast 12 n	one spor	ts team (	(countin e survey	g any te	ams run	by				
			. 0	-	- •			67.9	66.1	66.3	66.5	68.8	63.5	No linear change	No quadratic 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. \*Not enough years of data to calculate.

Male Other				Healt	h Risk	Behavio	r and P	ercenta	iges					Linear Change*	Quadratic Change*	Change from 2015-2017 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017			
QN47:	Percen	tage of	students	who had	d ever b	een told	by a doc	ctor or n	urse tha	t they ha	ad asthm	na				
								21.2	25.5	27.1	26.8	21.6	17.4	No linear change	Increased, 2007-2011 Decreased, 2011-2017	No change
QN48:	Percen	tage of	students	who go	t 8 or m	ore hour	s of slee	p (on an	average	e school	night)					
										59.6	56.1	57.9	52.5	No linear change	Not available§	No change
		tage of s		who des	scribed t	their gra	des in sc	hool as	mostly A	A's or B	's (durin	g the				
												76.1	69.5	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. \*Not enough years of data to calculate.

Iale ite-Ad	ded			Healt	h Risk	Behavio	or and P	Percenta	iges					Linear Change*	Quadratic Change*	Change from 2015-2017 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017			
QN54:	Percen	tage of s	students	who sm	oked a v	whole ci	garette b	pefore ag	ge 11 ye	ars (for	the first	time)				
								4.9	7.4	3.9	4.9	1.4	1.8	Decreased, 2007-2017	No quadratic change	No change
	Percen the surv		students	who cur	rently d	rank alc	ohol (ot	her than	a few s	ips, duri	ng the 3	0 days 5.7	4.9	Decreased, 2013-2017	Not available <sup>§</sup>	No change
QN56:	Percen	tage of s	students	who cur	rently u	sed mar	ijuana (d	during th	ne 30 da	ys befor	e the sur	rvey)				
										9.5	7.9	4.0	4.4	Decreased, 2011-2017	Not available	No change
				who did												
											43.7	49.8	56.2	Increased, 2013-2017	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.

Iale ite-Ad	ded			TT 14	LDO	D - L *	17							L'	One had offered *	Classes 6
				Healt	th Risk	Behavio	r and P	ercenta	iges					Linear Change*	Quadratic Change*	Change from 2015-2017 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017			
	drinks, e			who did other di												
,												56.9	57.1	No linear change	Not available <sup>§</sup>	No change
		tage of s that are		who pla	y violer	nt video	games 2	or more	e hours j	per weel	c on ave	rage				
												57.4	53.9	No linear change	Not available	No change
QN69:	Percen	tage of s	students	who hav	ve been	taught al	bout AII	DS or H	IV infec	tion in s	school					
								71.7	67.4	60.3	58.6	54.4	50.0	Decreased, 2007-2017	No quadratic change	No change
QN70:	Percen	tage of s	students	who are	deaf or	have se	rious dif	ficulty l	nearing							
												2.4	2.7	No linear change	Not available	No change
QN71:	Percen	tage of s	students	who hav	ve seriou	ıs difficı	ılty seei	ng (evei	n when	wearing	glasses)					
												5.3	7.2	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.

'emale njury	and Vio	lence		Healt	h Risk	Behavio	or and P	Percenta	iges					Linear Change*	Quadratic Change*	Change from 2015-2017 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	•		
QN8:	Percenta	age of st	udents v	who rare	ly or ne	ver wore	e a seat b	elt (who	en riding	g in a ca	r)		-			
								4.4	7.8	6.7	5.3	3.9	3.5	Decreased, 2007-2017	Increased, 2007-2011 Decreased, 2011-2017	No change
QN9:	Percenta	age of st	udents v	who ever	rode w	ith a dri	ver who	had bee	n drinki	ng alcol	nol (in a	car)				
								30.1	30.8	24.6	23.0	19.9	17.7	Decreased, 2007-2017	No quadratic change	No change
QN11:	Percen	tage of	students	who we	re ever	in a phy	sical fig	ht								
								56.0	50.7	48.8	47.6	42.5	32.7	Decreased, 2007-2017	Decreased, 2007-2013 Decreased, 2013-2017	Decreased
QN12:	Percen	tage of s	students	who we	re ever	bullied o	on schoo	l proper	ty	1			1			
											46.4	44.6	40.7	Decreased, 2013-2017	Not available§	No change
	Percen , Instagr						ically bu	ıllied (co	ounting	being bu	ıllied th	rough				
		•	ŕ			•					27.3	26.4	20.3	Decreased, 2013-2017	Not available	Decreased

<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.

		I	Health Ri	sk Behavio	or and P	'ercenta	ges					Linear Change*	Quadratic Change*	Change from 2015-2017 †
<b>991 1993</b> 1	1995 1	997 19	999 200	1 2003	2005	2007	2009	2011	2013	2015	2017			
N14: Percentag	ge of stu	dents wh	o ever ser	iously thou	ıght aboı	ut killing	g themse	elves						
						23.7	27.1	31.0	17.2	24.6	19.9	Decreased, 2007-2017	No quadratic change	No change
N15: Percentag	ge of stu	dents wh	o ever ma	de a plan a	bout hov	w they w	vould kil	ll thems	elves					
						14.1	13.4	15.2	26.4	16.0	11.3	No linear change	Increased, 2007-2013 Decreased, 2013-2017	Decreased

<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.

'emale 'obacc	o Use			Healt	h Risk	Behavio	or and P	Percenta	iges					Linear Change*	Quadratic Change*	Change from 2015-2017 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	•		
 QN17:	Percen	tage of s	students	who eve	er tried o	cigarette	smokin	g (even	one or t	wo puffs	s)					
								27.7	23.0	21.9	19.5	11.6	5.5	Decreased, 2007-2017	Decreased, 2007-2013 Decreased, 2013-2017	Decreased
	Percen the surv		students	who cur	rently s	moked o	igarette	s (on at	least 1 d	ay durir	ng the 30	) days				
								8.7	7.5	6.1	5.1	1.9	0.8	Decreased, 2007-2017	No change, 2007-2013 Decreased, 2013-2017	No change
			e of stud ore the s	dents whe	o currer	ntly smo	ked ciga	rettes fr	equently	(on 20	or more	days				
								1.7	1.5	1.0	0.9	0.2	0.0	Not available	Not available§	Not available
		Percent ore the		tudents v	who cur	rently sr	noked c	igarettes	daily (c	on all 30	days du	iring				
	-		-					1.4	1.3	0.4	0.9	0.2	0.0	Not available	Not available	Not available

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

Female Tobacco	) Use			Hoolt	h Diele	Behavio	r and D	lorconts	ogos.					Linear Change*	Quadratic Change*	Change from
				Hean	II KISK	Denavio	i anu i	ercenta	iges					Linear Change	Quadratic Change	2015-2017 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	-		
e-cigar	s, e-pipe	es, vape	pipes, v	who eve aping pe Go, and	ns, e-ho	n electro okahs, a	onic vap ind hook	or prod	uct (inc	luding e is blu, N	-cigarett IJOY, V	tes, use,				
												15.2	12.2	Decreased, 2015-2017	Not available§	No change
e-cigar NJOY,	ettes, e-	cigars, e AarkTer	e-pipes,	vape pip	es, vapi	sed an e ng pens, o, and H	e-hooka	ahs, and	hookah	pens [s	uch as b	olu, ys				
												7.2	4.1	Decreased, 2015-2017	Not available	Decreased
				who cui		moked c y)	igars (ci	igars, ci	garillos	or little	e cigars,	on at				
								3.5	6.9	3.2	4.3	2.3	1.5	Decreased, 2007-2017	No change, 2007-2013 Decreased, 2013-2017	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.

Female Alcohol	and Ot	her Dru	ıg Use	Healt	th Risk	Behavio	or and P	<b>'</b> ercenta	iges					Linear Change*	Quadratic Change*	Change from 2015-2017 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017			
 QN26:	Percen	tage of s	students	who eve	er drank	alcohol	(other t	han a fe	w sips)							
								42.0	37.7	36.1	27.3	21.6	21.1	Decreased, 2007-2017	No quadratic change	No change
		tage of s	students	who dra	ank alco	hol for t	he first t	ime bef	ore age	11 years	(other t	han a				
few sip	s)							13.3	11.6	11.4	8.5	6.4	6.6	Decreased, 2007-2017	No quadratic change	No change
QN28:	Percen	tage of s	students	who ev	er used 1	marijuan	ıa									
								12.8	13.0	10.5	12.1	9.2	7.9	Decreased, 2007-2017	No quadratic change	No change
QN29:	Percen	tage of s	students	who trie	ed marij	uana for	the first	t time be	efore age	e 11 yea	rs					
								1.6	1.3	1.0	1.9	1.4	0.7	No linear change	No quadratic change	No change
QN30: or freel		tage of s	students	who ev	er used o	cocaine	(any for	m of coo	caine, in	cluding	powder,	crack,				
	,							2.1	3.3	1.7	1.5	0.7	0.7	Decreased, 2007-2017	No quadratic 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.

														2015-2017 <sup>†</sup>
3 1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017			
entage of	students	who eve	er had se	exual into	ercourse	17.2	16.3	13.1	10.4	6.2	2.2	Decreased, 2007-2017	Decreased, 2007-2013 Decreased, 2013-2017	Decreased
	entage of	entage of students	entage of students who eve	entage of students who ever had so	entage of students who ever had sexual int	entage of students who ever had sexual intercourse	entage of students who ever had sexual intercourse 17.2	entage of students who ever had sexual intercourse  17.2 16.3	entage of students who ever had sexual intercourse  17.2 16.3 13.1	entage of students who ever had sexual intercourse  17.2 16.3 13.1 10.4	entage of students who ever had sexual intercourse	entage of students who ever had sexual intercourse  17.2 16.3 13.1 10.4 6.2 2.2	entage of students who ever had sexual intercourse  17.2 16.3 13.1 10.4 6.2 2.2 Decreased, 2007-2017	entage of students who ever had sexual intercourse  17.2 16.3 13.1 10.4 6.2 2.2 Decreased, 2007-2017 Decreased, 2007-2013 Decreased, 2013-2017

<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.

veight	Manag			-		Behavio	r and P	ercenta	ges					Linear Change*	Quadratic Change*	Change from 2015-2017 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017			
 QN38:	Percen	tage of s	tudents	who des	scribed t	hemselv	es as sli	ghtly or	very ov	erweigh	nt					
								30.4	29.5	31.3	28.1	29.6	31.7	No linear change	No quadratic change	No change
QN39:	Percen	tage of s	tudents	who we	re trying	g to lose	weight									
								52.8	53.3	55.0	52.2	48.8	54.3	No linear change	No quadratic change	No change
QN40:	Percen	tage of s	students	who did	l not eat	breakfa	st (durin	g the 7	days bef	ore the	survey)					
										14.5	12.2	10.7	10.6	Decreased, 2011-2017	Not available§	No change
QNBK	TOAY:	Percent	age of s	tudents	who ate	breakfa	st on all	7 days (	during t	the 7 day	ys before	e the				
,	•									39.9	39.1	41.0	42.2	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.

Female Physica	l Activi	ty														
				Healt	th Risk	Behavio	or and P	Percenta	nges					Linear Change*	Quadratic Change*	Change from 2015-2017 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	•		
days (ii	ı any ki	nd of ph	iysical a	who we ctivity the	hat incre	ased the	tive at le	east 60 r rate and	ninutes I made t	per day hem bre	on 5 or 1 athe har	more d some				
		Ü	j		·	•			40.1	33.9	37.9	37.8	41.5	No linear change	Not available§	No change
activity	on at le	east 1 da	ıy (in an	tudents y kind o time du	f physic	al activi	ty that i	ncreased	d their h							
					-				18.8	12.2	17.4	15.9	11.9	Decreased, 2009-2017	Not available	Decreased
days (i	n any ki	nd of ph	ysical a	tudents ctivity the	hat incre	ased the	cally act	ive at le rate and	ast 60 m I made t	ninutes p hem bre	per day o	on all 7 d some				
									22.0	21.1	17.1	18.2	19.1	No linear change	Not available	No change
QN42: day)	Percen	tage of s	students	who wa	tched te	levision	3 or mo	ore hour	s per da	y (on an	average	school	,			
•								43.0	42.9	45.2	43.2	32.0	25.6	Decreased, 2007-2017	No change, 2007-2013 Decreased, 2013-2017	Decreased

<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.

-	l Activi	ty		Healt	h Risk	Behavio	or and P	ercenta	ges					Linear Change <sup>*</sup>	Quadratic Change*	Change from 2015-2017 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017			
hours j smartp	er day (	counting kting, Y	g time sp ouTube,	pent on t Instagr	things so am, Fac	uch as X	box, Pla	yStation	ı, an iPa	d or oth	er 3 or n er tablet ning that	, a				
									30.7	34.2	41.3	45.8	48.3	Increased, 2009-2017	Not available <sup>§</sup>	No change
	Percent					hysical e	ducation	n (PE) c	lasses o	n 1 or m	ore days	s (in an				
	e week v	vhen the	y were i	in schoo	d)											
		vhen the	ey were i	in schoo	ol)			60.9	61.3	61.6	59.0	58.0	63.8	No linear change	No quadratic change	No change
averag QNDL	e week v	ercentag	ge of stud	dents wl	no atten	ded phys	sical edu				59.0 all 5 days		63.8	No linear change	No quadratic change	No change
averag QNDL	e week v	ercentag	ge of stud	dents wl	no atten	ded phys	sical edu						63.8	No linear change  Decreased, 2007-2017	No quadratic change  No quadratic change	No change  Decreased
QNDL averag	YPE: Pe week v	ercentag vhen the	ge of students	dents wlin school	no attend		one spor	25.4	PE) clas 25.1 (countin	sses on a	all 5 day	s (in an 17.0				

<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.

Other				Healt	th Risk	Behavio	or and P	ercenta	ges					Linear Change*	Quadratic Change*	Change from 2015-2017 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017			
QN47:	Percent	age of s	tudents	who had	d ever b	een told	by a doo	ctor or n	urse tha	t they ha	ad asthm	ıa				
								19.9	20.7	24.5	25.0	21.6	22.6	No linear change	No quadratic change	No change
N48:	Percent	age of s	students	who got	t 8 or me	ore hour	s of slee					21.6	22.6	No linear change	No quadratic change	No change
N48:	Percent	age of s	students	who got	t 8 or mo	ore hour	rs of slee					21.6 52.2	22.6	No linear change  No linear change	No quadratic change  Not available <sup>8</sup>	No change
QN49:		age of s	students	_		,	s of slee	p (on an	ı average	e school 52.6	night) 51.1	52.2				

<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. \*Not enough years of data to calculate.

Female Site-Ad	ded			Healt	th Risk	Behavio	or and F	ercenta	ges					Linear Change <sup>*</sup>	Quadratic Change*	Change from 2015-2017 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	•		
QN54:	Percen	tage of	students	who sm	oked a v	whole ci	garette l	pefore ag	ge 11 ye	ars (for	the first	time)				
								5.9	4.6	3.4	3.4	1.5	0.6	Decreased, 2007-2017	No quadratic change	No change
	Percenthe surv		students	who cu	rrently d	lrank alc	ohol (ot	her than	a few s	ips, duri	ng the 3	0 days				
											10.9	7.3	6.1	Decreased, 2013-2017	Not available§	No change
QN56:	Percen	tage of	students	who cu	rrently u	ısed mar	ijuana (	during tl	ne 30 da	ys befor	e the su	rvey)				
										5.0	5.8	5.0	3.5	No linear change	Not available	No change
						nk a can pop, on										
											49.3	56.2	57.8	Increased, 2013-2017	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.

Female Site-Ad	ded			Hool	th Diele	Behavio	or and D	lorconts	ogos					Linear Change*	Quadratic Change*	Change from
				Hean	III KISK	Denavio	or anu r	ei centa	iges					Linear Change	Quadratic Change	2015-2017 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	-		
QN64: bower (survey)	drinks, e	tage of s	students Irinks or	who did other d	l not dri rinks wi	nk caffe th caffei	inated dance	rinks (in	cluding r more t	coffee, imes the	teas, soo	las, fore the				
,												59.4	49.9	Decreased, 2015-2017	Not available <sup>§</sup>	Decreased
			students e rated N		y violer	nt video	games 2	or more	e hours	per wee	k on ave	rage				
												12.3	8.1	Decreased, 2015-2017	Not available	Decreased
QN69:	Percen	tage of	students	who ha	ve been	taught a	bout AI	DS or H	IV infe	ction in	school					
								71.1	56.7	51.3	56.1	51.7	42.4	Decreased, 2007-2017	No quadratic change	No change
QN70:	Percen	tage of	students	who are	deaf or	have se	rious dit	ficulty l	hearing							
												1.2	1.8	No linear change	Not available	No change
QN71:	Percen	tage of	students	who ha	ve serio	us diffic	ulty seei	ng (eve	n when	wearing	glasses	)		,		
												13.8	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. \*Not enough years of data to calculate.

## **Delaware Middle School Survey New Castle County Trend Analysis Report**

				Healt	h Risk	Behavio	or and P	Percenta	iges					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2015-2017 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	-		
QN8:	Percenta	ige of st	udents v	vho rare	ly or ne	ver wore	a seat b	pelt (whe	en riding	g in a car	r)					
								3.1	3.5	3.0	2.1	1.2	2.2	No linear change	No quadratic change	No change
QN9:	Percenta	ige of st	udents v	vho ever	rode w	ith a dri	ver who	had bee	n drinki 29.3	ng alcol 21.8	nol (in a 22.1	car) 15.3	18.2	Decreased, 2007-2017	No quadratic change	No change
	Percenta Percen							30.6					18.2	Decreased, 2007-2017	No quadratic change	No change
								30.6					31.1	Decreased, 2007-2017  Decreased, 2007-2017	No quadratic change  No quadratic change	No change
QN11:		tage of s	students	who we	re ever	in a phy	sical fig	30.6 ht 58.0	29.3	21.8	22.1	15.3				

26.1 20.7 18.1 Decreased, 2013-2017

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.

## **Delaware Middle School Survey New Castle County Trend Analysis Report**

				Healt	h Risk l	Behavio	r and P	ercenta	ges					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2015-2017 §
991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017			
	•															
N14:	Percent	age of s	tudents	who eve	er seriou	sly thou	ght abou	ıt killing	g themse	elves						
N14:	Percent	age of s	tudents	who eve	er seriou	sly thou	ght abou	ıt killing 20.4	themse 18.2	elves 20.5	12.0	16.2	13.7	Decreased, 2007-2017	No quadratic change	No change
						a plan al		20.4	18.2	20.5		16.2	13.7	Decreased, 2007-2017	No quadratic change	No change

4.8 4.0

4.6

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

White* Tobacco	Use			Healt	h Risk	Behavio	or and P	'ercenta	ges					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2015-2017 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	•		
QN17:	Percent	age of s	tudents	who eve	er tried o	cigarette	smokin	g (even	one or t	wo puffs	s)					
								23.4	22.3	21.5	16.6	8.3	6.5	Decreased, 2007-2017	No change, 2007-2011 Decreased, 2011-2017	No change
	Percent he surv		tudents	who cur	rently s	moked c	igarette	s (on at	least 1 d	lay durir	ng the 30	) days				
		,						9.5	7.5	6.2	2.3	1.7	0.8	Decreased, 2007-2017	No quadratic change	No change
			e of stud		o currer	ntly smo	ked ciga	rettes fr	equently	y (on 20	or more	days				
		·		•				1.7	2.6	1.7	0.5	0.2	0.2	Decreased, 2007-2017	No quadratic change	No change
		Percenta ore the		tudents v	who cur	rently sn	noked ci	garettes	daily (c	on all 30	days du	ıring	1			
								1.5	2.2	0.7	0.5	0.0	0.2	Not available	Not available <sup>¶</sup>	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.

White* Fobacco	) Use			Healt	h Risk l	Behavio	or and P	'ercenta	iges					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2015-2017 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	-		
e-cigar	s, e-pipe	s, vape	pipes, v		ns, e-ho	nn electro ookahs, a							10.9	No linear change	Not available¶	No change
e-cigar NJOY,	ettes, e-	cigars, e AarkTer	pipes, v	vape pip	es, vapii	sed an e ng pens, o, and H	e-hooka	ahs, and	hookah	pens [s	such as t	olu, ys 6.2	2.7	Doggood 2015 2017	Not available	Decreased
												0.2	2.1	Decreased, 2015-2017	Not available	Decreased
				who cur before th		moked c y)	igars (ci	igars, ci	garillos,	or little	e cigars,	on at				
	•	Č	J		•	•		3.1	4.1	3.9	1.4	1.1	1.2	Decreased, 2007-2017	No quadratic change	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.

White* Alcohol	and Ot	her Dru	ıg Use	Healt	th Risk	Behavio	or and P	'ercenta	iges					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from
														_		2015-2017 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017			
QN26:	Percen	tage of s	students	who eve	er drank	alcohol	(other t	han a fe	w sips)							
								37.9	36.0	31.1	23.2	17.2	18.6	Decreased, 2007-2017	No quadratic change	No change
		tage of s	students	who dra	ank alco	hol for t	he first t	ime bef	ore age	11 years	(other t	han a			-	
few sip	os)							14.0	14.1	10.3	8.2	4.9	7.2	Decreased, 2007-2017	No quadratic change	No change
QN28:	Percen	tage of s	students	who ev	er used 1	marijuan	ıa			:						
								10.8	14.1	12.8	8.7	7.0	5.6	Decreased, 2007-2017	Increased, 2007-2011 Decreased, 2011-2017	No change
QN29:	Percen	tage of s	students	who trie	ed marij	uana for	the first	t time be	fore age	e 11 yea	rs					
								2.5	1.2	1.2	1.3	0.9	1.0	No linear change	No quadratic change	No change
QN30: or freel	Percen	tage of s	students	who ev	er used	cocaine (	(any for	m of coo	caine, in	cluding	powder,	crack,				
	,							2.7	1.9	1.1	1.4	0.4	0.2	Decreased, 2007-2017	No quadratic change	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.

White* Sexual I	Behavio	ors		Healt	th Risk	Behavio	or and P	ercenta	iges					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2015-2017 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017			
QN34:	Percen	tage of s	students	who eve	er had se	exual int	ercourse	13.3	13.9	9.2	8.0	4.7	4.0	Decreased, 2007-2017	No quadratic change	No change
QN35:	Percen	tage of s	students	who had	d sexual	intercou	arse for t	the first	time bef	fore age	11 years	S				
								2.0	2.9	2.0	1.2	1.2	1.2	No linear change	No quadratic change	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.

White* Weight	Manag	ement a	and Diet	-		Behavio	or and P	ercenta	iges					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2015-2017 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	•		
QN38:	Percen	tage of	students	who des	scribed t	themselv	es as sli	ghtly or	very ov	erweigh	nt					
								28.8	25.8	24.7	28.6	24.2	25.0	No linear change	No quadratic change	No change
QN39:	Percen	tage of	students	who we	re trying	g to lose	weight					-		•		
								46.9	41.2	43.4	47.9	35.6	38.3	Decreased, 2007-2017	No quadratic change	No change
QN40:	Percen	tage of	students	who dic	l not eat	breakfa	st (durin	g the 7	days bef	ore the	survey)					
										8.3	9.2	6.6	7.7	No linear change	Not available¶	No change
QNBK survey		Percen	tage of s	tudents	who ate	breakfa	st on all	7 days (	(during t	the 7 day	ys before	e the				
										53.9	50.8	51.1	52.8	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. §Based on t-test analysis, p < 0.05. ¶Not enough years of data to calculate.

White* Physica	ıl Activi	ty														
				Healt	th Risk	Behavio	or and F	Percenta	iges					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2015-2017 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	-		
days (i	n any ki	nd of ph	ysical a	who we ctivity the	nat incre	ased the										
		Ü	J		j	,			55.8	49.8	52.9	54.8	59.0	No linear change	Not available¶	No change
activity	on at le	east 1 da	ıy (in an	tudents y kind o time du	f physic	al activi	ty that i	ncreased	l their h	nutes of eart rate	physical and mad	l de				
									9.8	8.4	9.4	9.4	5.9	No linear change	Not available	No change
lays (i	n any ki	nd of ph	ysical a	tudents of ctivity the	nat incre	ased the										
									33.0	31.3	25.7	28.3	29.3	No linear change	Not available	No change
QN42: day)	Percen	tage of s	students	who wa	tched te	levision	3 or mo	ore hours	s per day	y (on an	average	school				
								28.2	28.5	31.3	31.1	20.5	16.0	Decreased, 2007-2017	No change, 2007-2013 Decreased, 2013-2017	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.

						ges					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2015-2017 §
995 1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017			
unting time s ng, YouTube	pent on t , Instagra	things su am, Face	ich as X	box, Pla	yStation	i, an iPa	d or oth	er tablet	, a				
		3,				27.5	29.9	37.1	42.2	49.1	Increased, 2009-2017	Not available¶	No change
ge of students en they were	who atte	ended ph	hysical e	ducatio	n (PE) c	lasses or	n 1 or m	ore days	s (in an				
					62.4	66.2	62.8	58.3	60.5	66.2	No linear change	No quadratic change	No change
			ded phys	sical edu	ication (	PE) clas	sses on a	all 5 day	s (in an				
					30.7	24.9	27.2	20.8	16.6	13.8	Decreased, 2007-2017	No quadratic change	No change
5 1 1	e of students ang, YouTube on an averag e of students en they were	e of students who pla inting time spent on transport of t	e of students who played videnting time spent on things sing, YouTube, Instagram, Factor an average school day)  e of students who attended play they were in school)	e of students who played video or conting time spent on things such as X ang, YouTube, Instagram, Facebook, on an average school day)  e of students who attended physical even they were in school)  entage of students who attended physical eventage of students who attended physical e	e of students who played video or computer gunting time spent on things such as Xbox, Plang, YouTube, Instagram, Facebook, or other son an average school day)  e of students who attended physical education they were in school)  entage of students who attended physical education	e of students who played video or computer games or unting time spent on things such as Xbox, PlayStation ag, YouTube, Instagram, Facebook, or other social mon an average school day)  e of students who attended physical education (PE) of the they were in school)  62.4  entage of students who attended physical education (enthey were in school)	e of students who played video or computer games or used a unting time spent on things such as Xbox, PlayStation, an iPang, YouTube, Instagram, Facebook, or other social media, for on an average school day)  27.5  e of students who attended physical education (PE) classes on they were in school)  62.4 66.2  entage of students who attended physical education (PE) classes they were in school)	e of students who played video or computer games or used a computer inting time spent on things such as Xbox, PlayStation, an iPad or othing, YouTube, Instagram, Facebook, or other social media, for somethon an average school day)  27.5 29.9  e of students who attended physical education (PE) classes on 1 or men they were in school)  62.4 66.2 62.8  entage of students who attended physical education (PE) classes on a central they were in school)	e of students who played video or computer games or used a computer 3 or number in the spent on things such as Xbox, PlayStation, an iPad or other tableting, YouTube, Instagram, Facebook, or other social media, for something that on an average school day)  27.5 29.9 37.1  e of students who attended physical education (PE) classes on 1 or more days on they were in school)  62.4 66.2 62.8 58.3  entage of students who attended physical education (PE) classes on all 5 days on they were in school)	e of students who played video or computer games or used a computer 3 or more unting time spent on things such as Xbox, PlayStation, an iPad or other tablet, a ng, YouTube, Instagram, Facebook, or other social media, for something that was on an average school day)  27.5 29.9 37.1 42.2  e of students who attended physical education (PE) classes on 1 or more days (in an en they were in school)  62.4 66.2 62.8 58.3 60.5  entage of students who attended physical education (PE) classes on all 5 days (in an en they were in school)	e of students who played video or computer games or used a computer 3 or more unting time spent on things such as Xbox, PlayStation, an iPad or other tablet, a ng, YouTube, Instagram, Facebook, or other social media, for something that was on an average school day)  27.5 29.9 37.1 42.2 49.1  e of students who attended physical education (PE) classes on 1 or more days (in an en they were in school)  62.4 66.2 62.8 58.3 60.5 66.2  entage of students who attended physical education (PE) classes on all 5 days (in an en they were in school)	e of students who played video or computer games or used a computer 3 or more unting time spent on things such as Xbox, PlayStation, an iPad or other tablet, a ng, YouTube, Instagram, Facebook, or other social media, for something that was on an average school day)  27.5 29.9 37.1 42.2 49.1 Increased, 2009-2017  e of students who attended physical education (PE) classes on 1 or more days (in an en they were in school)  62.4 66.2 62.8 58.3 60.5 66.2 No linear change  entage of students who attended physical education (PE) classes on all 5 days (in an en they were in school)	e of students who played video or computer games or used a computer 3 or more unting time spent on things such as Xbox, PlayStation, an iPad or other tablet, a ng, YouTube, Instagram, Facebook, or other social media, for something that was on an average school day)  27.5 29.9 37.1 42.2 49.1 Increased, 2009-2017 Not available of students who attended physical education (PE) classes on 1 or more days (in an enthey were in school)  62.4 66.2 62.8 58.3 60.5 66.2 No linear change No quadratic change entage of students who attended physical education (PE) classes on all 5 days (in an enthey were in school)

<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.

				Healt	h Risk	Behavio	r and P	ercenta	iges					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2015-2017 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017			
QN47:	Percent	age of s	tudents	who had	d ever be	een told	by a doc	ctor or n	urse tha	t they ha	ad asthm	ıa				
								16.8	19.3	23.3	20.3	16.7	16.9	No linear change	Increased, 2007-2011 Decreased, 2011-2017	No change
)N48:	Percent	age of s	students	who got	8 or mo	ore hour	s of slee					16.7	16.9	No linear change	,	No change
)N48:	Percent	age of s	students	who got	t 8 or mo	ore hour	s of slee					59.1		No linear change	,	No change
QN49:		age of s	students	who got				p (on an	ı average	e school 57.2	night) 53.5	59.1			Decreased, 2011-2017	

<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.

Vhite* ite-Ad	ded			Healt	th Risk	Behavio	or and P	ercenta	iges					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2015-2017 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	-		
QN54:	Percen	tage of	students	who sm	oked a	whole ci	garette b	pefore ag	ge 11 ye	ars (for	the first	time)				
								4.6	4.5	3.4	3.4	1.1	1.5	Decreased, 2007-2017	No quadratic change	No change
	Percen the surv		students	who cu	rrently d	drank alc	ohol (ot	her than	a few s	ips, duri	9.0	0 days 5.5	4.2	Decreased, 2013-2017	Not available <sup>¶</sup>	No change
QN56:	Percen	tage of	students	who cu	rrently u	ısed mar	ijuana (d	during th	ne 30 da	ys befor	e the sur	rvey)				
										6.7	3.8	3.5	2.3	Decreased, 2011-2017	Not available	No change
						nk a can										
											54.8	61.2	62.5	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. \*Based on t-test analysis, p < 0.05. Not enough years of data to calculate.

White*	
Site-Added	
	Health Risk Beh

Site-Added			Healt	h Risk l	Behavio	r and P	ercenta	ges					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2015-2017 §
1991 1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	-		
QN64: Percenta power drinks, en survey)															
											54.6	47.4	Decreased, 2015-2017	Not available¶	No change
QN68: Percenta (such as games t				y violen	nt video	games 2	or more	e hours j	per weel	c on ave	rage				
											33.9	34.1	No linear change	Not available	No change
QN69: Percenta	age of st	udents	who hav	e been	taught a	bout AII	OS or H	IV infec	ction in	school	-				
							70.0	57.5	52.4	56.7	56.7	47.5	Decreased, 2007-2017	No quadratic change	No change
QN70: Percenta	age of st	udents	who are	deaf or	have se	rious dif	ficulty l	nearing					,		
											1.6	1.4	No linear change	Not available	No change
QN71: Percenta	age of st	udents	who hav	e seriou	us diffic	ılty seei	ng (eve	n when	wearing	glasses)	)				
											4.9	4.2	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.

lack* ijury a	and Vio	lence														
				Healt	th Risk	Behavio	or and P	'ercenta	iges					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2015-2017 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	•		
N8:	Percenta	ige of st	udents v	vho rare	ly or ne	ver wore	a seat b	elt (who	en riding	g in a ca	r)					
								7.0	11.7	7.8	9.8	5.8	7.2	No linear change	No quadratic change	No change
			udents v					26.0	n drinki 29.2	ng alcol	18.5	19.3	12.7	Decreased, 2007-2017	No quadratic change	Decreased
(N11:	Percen	tage of s	students	who we	ere ever	ın a phys	sical fig	83.2	79.7	76.9	73.5	73.4	61.6	Decreased, 2007-2017	No quadratic change	Decreased
N12:	Percen	tage of s	students	who we	re ever	bullied o	n schoo	l proper	ty							
											40.2	36.0	32.2	No linear change	Not available <sup>¶</sup>	No change
N13: exting	Percent, Instagr	tage of s	students ebook, o	who we	re ever o	electroni nedia)	ically bu	ıllied (co	ounting	being bu	ıllied thı	rough				
											15.2	16.4	10.0	Decreased, 2013-2017	Not available	Decreased

<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 Vio	lence		Healt	h Risk	Behavio	or and P	ercenta	ges					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2015-2017 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	•		
QN14:	Percen	tage of s	students	who eve	er seriou	ısly thou	ıght aboı	ıt killinş	g themse	elves						
								21.6	22.2	24.6	11.8	20.0	15.5	Decreased, 2007-2017	No quadratic change	No change
QN15:	Percen	tage of s	students	who eve	er made	a plan a	bout hov	v they v	vould ki	ll thems	elves					
								12.3	11.5	13.6	17.0	14.1	9.4	No linear change	Increased, 2007-2013 Decreased, 2013-2017	No change
QN16:	Percen	tage of s	students	who eve	er tried t	to kill th	emselve	S								
											6.7	5.4	5.4	No linear change	Not available <sup>¶</sup>	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.

Black* Fobacco	Use			Healt	th Risk	Behavio	r and P	'ercenta	iges					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2015-2017 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	-		
QN17:	Percen	tage of s	tudents	who eve	er tried o	cigarette	smokin	g (even	one or t	wo puff	s)					
								31.0	29.6	22.0	16.0	9.2	5.7	Decreased, 2007-2017	No change, 2007-2011 Decreased, 2011-2017	No change
	Percent the surv		students	who cui	rrently s	moked c	igarette	s (on at	least 1 d	lay durii	ng the 30	) days				
								7.0	8.2	3.5	2.3	0.4	0.8	Decreased, 2007-2017	No quadratic change	No change
			e of stuc ore the s		o currer	ntly smo	ked ciga	rettes fr	equently	y (on 20	or more	days				
								1.1	0.9	0.0	0.6	0.0	0.0	Not available	Not available¶	Not available
		Percent ore the		tudents v	who cur	rently sn	noked ci	garettes	daily (c	on all 30	days du	ıring				
								1.1	0.9	0.0	0.4	0.0	0.0	Not available	Not available	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.

Black* Fobacco	o Use			Healt	h Risk l	Behavio	r and P	'ercenta	iges					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2015-2017 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	-		
e-cigar	s, e-pipe	es, vape	pipes, v	who eve	ns, e-ho											
Marki	en, Log	ic, vapi	n Pius, e	eGo, and	паюј)							20.3	13.1	Decreased, 2015-2017	Not available¶	Decreased
e-cigar NJOY,	ettes, e-	cigars, e MarkTer	pipes,	who cui vape pip , Vapin l	es, vapii	ng pens,	e-hooka	ahs, and	hookah	pens [s	such as t	olu, ys				
001010	one sur v	<i>-</i> 3 <i>)</i>										10.4	4.7	Decreased, 2015-2017	Not available	Decreased
				who cui			igars (ci	igars, ci	garillos.	, or little	e cigars,	on at				
								6.4	8.9	3.4	5.1	3.4	1.0	Decreased, 2007-2017	No change, 2007-2013 Decreased, 2013-2017	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.

Black* Alcohol	and O	her Dr	ug Use	Healt	th Risk	Behavio	or and P	ercenta	ges					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2015-2017 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	•		
QN26:	Percen	tage of s	students	who ev	er drank	alcohol	(other t	han a fe	w sips)							
							`	44.6	45.2	34.4	25.6	23.8	17.3	Decreased, 2007-2017	No quadratic change	No change
		tage of s	students	who dra	ank alco	hol for t	he first t	ime bef	ore age	11 years	(other t	han a				
few sip	s)							13.4	16.9	13.1	7.8	7.7	8.2	Decreased, 2007-2017	No quadratic change	No change
QN28:	Percen	tage of s	students	who ev	er used 1	marijuan	ıa				-					
								18.1	16.2	15.2	13.5	14.3	7.8	Decreased, 2007-2017	No change, 2007-2013 Decreased, 2013-2017	Decreased
QN29:	Percen	tage of	students	who trie	ed marij	uana for	the first	t time be	fore age	e 11 yea	rs					
								3.2	4.7	2.3	3.2	1.6	1.0	Decreased, 2007-2017	No quadratic change	No change
QN30: or freel		tage of	students	who ev	er used o	cocaine	(any for	m of coo	aine, in	cluding	powder,	crack,				
	,							1.8	2.6	1.5	1.9	0.9	0.8	Decreased, 2007-2017	No quadratic change	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.

Sexual 1	Behavio	ors		Healt	h Risk l	Behavio	or and P	'ercenta	ges					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2015-2017 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017			
QN34:	Percen	tage of	students	who eve	er had se	exual int	ercourse	·								
								35.2	35.9	28.0	22.8	17.7	9.0	Decreased, 2007-2017	Decreased, 2007-2013 Decreased, 2013-2017	Decreased
QN35:	Percen	tage of s	students	who had	d sexual	intercou	arse for	the first	time bef	ore age	11 years	s				
								10.0	10.7	9.1	7.3	5.7	3.9	Decreased, 2007-2017	No quadratic change	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.

				Healt	th Risk l	Behavio	r and P	ercenta	iges					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2015-2017 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017			
N38:	Percen	tage of s	students	who des	scribed t	hemselv	es as sli	ghtly or	very ov	erweigh	ıt		,			
								27.1	18.5	22.1	18.4	22.7	26.2	No linear change	Decreased, 2007-2013 Increased, 2013-2017	No change
N39:	Percen	tage of s	students	who we	re trying	g to lose	weight									
								39.0	37.3	44.4	39.3	44.2	47.9	Increased, 2007-2017	No quadratic change	No change
N40:	Percen	tage of s	students	who did	not eat	breakfa	st (durin	g the 7 o	days bef	ore the	survey)					
										10.9	9.3	7.2	7.5	No linear change	Not available¶	No change
NBK urvey		Percent	tage of s	tudents	who ate	breakfa	st on all	7 days (	during t	the 7 day	ys before	e the			,	
										45.0	45.7	48.9	46.9	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.

Black* Physica	l Activi	ty														
				Healt	th Risk	Behavio	r and P	ercenta	iges					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2015-2017 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	-		
days (in	n any ki	nd of ph	ysical a	who we activity the	nat incre	ased the										
or <b>uno</b> u		g ue	, aug s		, saivey	,			37.0	42.3	41.4	45.2	47.2	Increased, 2009-2017	Not available¶	No change
activity	on at le	east 1 da	ıy (in an	students by kind o time du	f physic	al activi	ty that i	ncreased	d their h							
					Ü	·		·	26.8	14.9	19.4	12.8	14.9	Decreased, 2009-2017	Not available	No change
days (iı	n any ki	nd of ph	ysical a	students activity the	nat incre	ased the										
									24.9	26.3	26.8	28.5	29.0	No linear change	Not available	No change
QN42: day)	Percen	tage of s	students	who wa	tched te	levision	3 or mo	ore hours	s per day	y (on an	average	school				
··• 5 /								62.1	57.9	58.9	57.3	46.4	33.7	Decreased, 2007-2017	No change, 2007-2013 Decreased, 2013-2017	Decreased

<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* Physica	l Activit	ty		Healt	th Risk !	Behavio	r and P	'ercenta	ges					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2015-2017 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017			
hours p smartp	oer day (o hone, tex	counting xting, Y	g time sp ouTube,	pent on t	things su am, Face	eo or con uch as X ebook, o	box, Pla	yStation	n, an iPa	d or oth	er tablet	, a				
		Ź	C		3,				36.5	46.7	48.2	49.5	48.2	Increased, 2009-2017	Not available¶	No change
				who atte		hysical e	ducatio	n (PE) c	lasses o	n 1 or m	nore day	s (in an				
								61.5	65.4	70.0	68.8	63.1	70.3	No linear change	No quadratic change	No change
				dents wh		ded phys	sical edu	ication (	PE) clas	sses on a	all 5 day	s (in an				
								24.2	18.9	20.7	18.4	18.0	19.4	No linear change	No quadratic change	No change
						at least o					ams run	by				
tneir sc																

<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.

Other				Healt	th Risk	Behavio	or and P	ercenta	iges					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2015-2017 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	-		
QN47:	Percent	tage of s	students	who had	d ever b	een told	by a doo	ctor or n	urse tha	t they ha	ad asthm	ıa				
								25.6	33.8	28.1	32.0	26.8	23.8	No linear change	No change, 2007-2013 Decreased, 2013-2017	No change
QN48:	Percent	tage of s	students	who go	t 8 or me	ore hour	s of slee					26.8	23.8	No linear change		No change
QN48:	Percent	tage of s	students	who go	t 8 or me	ore hour	s of slee					26.8	23.8	No linear change  Decreased, 2011-2017		No change
QN49:	Percent		students			ore hour		p (on ar	ı averagı	e school 54.2	night) 53.4	50.4			Decreased, 2013-2017	

<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.

## **Delaware Middle School Survey New Castle County Trend Analysis Report**

Black* Site-Ad	ded			Healt	h Risk l	Behavio	or and P	'ercenta	iges					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2015-2017 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	-		
QN54:	Percen	tage of s	students	who sm	oked a v	whole ci	garette b	efore ag	ge 11 ye	ars (for	the first	time)				
								6.0	8.2	3.5	3.8	1.1	1.2	Decreased, 2007-2017	No quadratic change	No change
			students	who cur	rently d	rank alc	ohol (ot	her than	a few s	ips, duri	ing the 3	0 days				
before	the surv	ey)									7.1	6.6	5.7	No linear change	Not available¶	No change
QN56:	Percen	tage of s	students	who cur	rently u	sed mar	ijuana (d	during th	ne 30 da	ys befor	e the su	rvey)				
										5.4	6.6	6.1	3.6	No linear change	Not available	No change

44.8 43.0 52.9 Increased, 2013-2017

Not available

Increased

<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* ite-Ado	led															
				Healt	th Risk	Behavio	or and P	ercenta	iges					Linear Change <sup>†</sup>	Quadratic Change <sup>†</sup>	Change from 2015-2017 §
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	-		
				who dio												
, a.z. , e.g. ,												60.5	59.8	No linear change	Not available¶	No change
		tage of s		who pla	ıy violer	nt video	games 2	or more	e hours j	per weel	c on ave	rage				
												38.5	28.4	Decreased, 2015-2017	Not available	Decreased
QN69:	Percen	tage of s	students	who ha	ve been	taught a	bout AII	DS or H	IV infec	tion in s	school					
								80.1	72.0	62.0	64.4	54.8	49.0	Decreased, 2007-2017	No quadratic change	No change
QN70:	Percen	tage of s	students	who are	deaf or	have se	rious dif	ficulty l	hearing					,		
												1.5	2.0	No linear change	Not available	No change
QN71:	Percen	tage of s	students	who ha	ve serio	us diffic	ulty seei	ng (eve	n when	wearing	glasses)	)				
												13.5	12.1	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.

## Delaware Middle School Survey New Castle County Trend Analysis Report

**Injury and Violence Health Risk Behavior and Percentages** Linear Change\* Quadratic Change\* Change from 2015-2017 † 1991 1993 1995 1997 1999 2001 2003 2005 2007 2009 2011 2013 2015 2017 QN8: Percentage of students who rarely or never wore a seat belt (when riding in a car) 9.8 10.5 8.4 8.0 7.1 6.8 No linear change No quadratic change No change QN9: Percentage of students who ever rode with a driver who had been drinking alcohol (in a car) 32.1 34.2 27.6 25.9 20.0 19.4 Decreased, 2007-2017 No quadratic change No change QN11: Percentage of students who were ever in a physical fight

QN13: Percentage of students who were ever electronically bullied (counting being bullied through

QN12: Percentage of students who were ever bullied on school property

texting, Instagram, Facebook, or other social media)

62.4

64.7

61.1

57.0

35.2

15.1

50.9

30.8

14.5

49.8

36.5

14.2

Decreased, 2007-2017

No linear change

No linear change

No quadratic change

Not available§

Not available

No change

No change

No change

Hispanic

 $<sup>^*</sup>B$ ased 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.

ijury a	and Vio	lence		Healt	th Risk	Behavio	or and P	'ercenta	iges					Linear Change*	Quadratic Change*	Change from 2015-2017 †
991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017			
N14:	Percen	tage of s	tudents	who eve	er seriou	ısly thou	ght abou	ıt killing	g themse	elves						
								21.7	23.9	32.0	12.9	22.1	21.0	No linear change	No quadratic change	No change
N15:	Percen	tage of s	tudents	who eve	er made	a plan a	bout hov	w they w	vould ki	ll thems	elves					
								13.1	13.1	15.0	21.6	12.4	10.7	No linear change	Increased, 2007-2013 Decreased, 2013-2017	No change
)N16·	Percen	tage of s	tudents	who eve	er tried t	to kill th	emselve	S								
21110.																

<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.

Hispan Tobacc				Healt	th Risk	Behavio	r and P	'ercenta	iges					Linear Change*	Quadratic Change*	Change from 2015-2017 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	-		
 QN17:	Percen	tage of	students	who eve	er tried o	cigarette	smokin	g (even	one or t	wo puff	s)					
								26.7	27.4	30.4	22.7	15.6	8.6	Decreased, 2007-2017	No change, 2007-2011 Decreased, 2011-2017	Decreased
	Percen the surv		students	who cui	rrently s	moked c	igarette	s (on at	least 1 d	lay durii	ng the 30	0 days				
								7.6	10.0	8.6	10.1	4.0	2.7	Decreased, 2007-2017	No change, 2007-2013 Decreased, 2013-2017	No change
			ge of stuc ore the s		io currei	ntly smo	ked ciga	rettes fr	equently	y (on 20	or more	e days				
								2.8	3.8	1.8	2.3	0.5	0.4	Decreased, 2007-2017	No change, 2007-2013 Decreased, 2013-2017	No change
			tage of st survey)	tudents	who cur	rently sn	noked ci	garettes	daily (c	on all 30	days du	ıring				
			•					2.8	3.2	1.6	2.3	0.5	0.4	Decreased, 2007-2017	No change, 2007-2013 Decreased, 2013-2017	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.

Iispani Tobacco				Healt	h Risk l	Behavio	r and P	'ercenta	iges					Linear Change*	Quadratic Change*	Change from 2015-2017 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017			
e-cigar	s, e-pipe	es, vape	pipes, v	who eve aping pe	ns, e-ho	an electro ookahs, a	onic vap ind hook	or prod	uct (inc s [such a	luding e as blu, N	-cigaret	tes, 'use,				
wark I	zii, Logi	ic, vapii	ii i ius, c	Oo, and	Halojj							21.1	19.1	No linear change	Not available <sup>§</sup>	No change
e-cigare NJOY,	ettes, e-	cigars, e AarkTer	-pipes, v	vape pip	es, vapii	sed an e ng pens, o, and H	e-hooka	ahs, and	hookah	pens [s	uch as b	olu, ys				
												11.3	9.4	No linear change	Not available	No change
				who cui		moked c	igars (ci	igars, ci	garillos	, or little	e cigars,	on at				
								6.6	7.6	8.2	7.8	4.3	2.8	No linear change	No change, 2007-2013 Decreased, 2013-2017	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.

Hispani Alcohol		her Dru	ug Use	Healt	th Risk	Behavio	or and P	ercenta	iges					Linear Change*	Quadratic Change*	Change from 2015-2017 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017			
 QN26:	Percen	tage of s	students	who eve	er drank	alcohol	(other t	han a fe	w sips)							
		-						44.8	51.0	49.7	33.9	30.4	26.1	Decreased, 2007-2017	No quadratic change	No change
		tage of s	students	who dra	ank alco	hol for t	he first t	ime bef	ore age	11 years	(other t	han a				
few sip	8)							16.2	24.4	15.5	14.3	11.5	10.1	Decreased, 2007-2017	No quadratic change	No change
QN28:	Percen	tage of s	students	who ev	er used 1	marijuan	ıa									
								14.1	14.8	17.6	20.2	7.6	12.8	No linear change	No quadratic change	No change
QN29:	Percen	tage of s	students	who trie	ed marij	uana for	the first	t time be	efore age	e 11 yea	rs					
								3.0	4.2	2.6	6.4	1.8	1.5	No linear change	No quadratic change	No change
QN30: or freeb		tage of s	students	who ev	er used o	cocaine	(any for	m of coo	caine, in	cluding	powder,	crack,				
								5.0	6.8	5.2	3.6	1.9	1.5	Decreased, 2007-2017	No quadratic 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.

sexual I	Behavio	015		Healt	th Risk	Behavio	or and P	'ercenta	iges					Linear Change*	Quadratic Change*	Change from 2015-2017 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	-		
QN34:	Percen	tage of s	students	who eve	er had se	exual int	ercourse	·								
								25.3	27.3	22.9	16.5	7.4	8.0	Decreased, 2007-2017	No change, 2007-2011 Decreased, 2011-2017	No change
ON35:	Percen	tage of s	students	who had	d sexual	intercou	arse for	the first	time bef	fore age	11 year	s				
_																

<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.

Hispani Weight		ement a	nd Diet	-		Behavio	r and P	'ercenta	iges					Linear Change*	Quadratic Change*	Change from 2015-2017 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	•		
QN38:	Percen	tage of s	students	who des	scribed t	themselv	es as sli	ghtly or	very ov	erweigh	ıt					
								26.6	24.7	32.6	32.9	30.7	35.5	Increased, 2007-2017	No quadratic change	No change
QN39:	Percen	tage of s	students	who we	re trying	g to lose	weight									
								52.5	46.1	54.0	55.1	58.7	60.4	Increased, 2007-2017	No quadratic change	No change
QN40:	Percen	tage of s	students	who did	l not eat	breakfa	st (durin	ig the 7	days bef	ore the	survey)					
										15.7	15.0	16.4	13.0	No linear change	Not available§	No change
QNBK' survey)		Percent	tage of s	tudents	who ate	breakfa	st on all	7 days (	during t	the 7 day	ys before	e the			,	
										42.6	41.0	47.8	47.1	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.

Hispani Physica	ic l Activi	ty														
				Healt	h Risk	Behavio	or and P	Percenta	iges					Linear Change*	Quadratic Change*	Change from 2015-2017 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	-		
lays (i	n any ki	nd of ph	iysical a	who we ctivity the	nat incre	ased the	tive at le	east 60 r rate and	ninutes j l made t	per day hem bre	on 5 or a	more d some				
		C	,						37.5	38.6	35.8	37.7	42.8	No linear change	Not available <sup>§</sup>	No change
ctivity	on at le	east 1 da	ıy (in an	tudents y y kind o time du	f physic	al activi	ty that i	ncreased	l their h	nutes of eart rate	physica and ma	l de				
									28.7	11.7	16.9	19.6	12.1	Decreased, 2009-2017	Not available	Decreased
days (i	n any ki	nd of ph	ysical a	tudents v ctivity the	nat incre	ased the	cally act	ive at le rate and	ast 60 m l made tl	ninutes p	er day o	on all 7 d some				
									23.3	25.3	20.8	24.0	24.4	No linear change	Not available	No change
QN42: day)	Percen	tage of s	students	who wa	tched te	levision	3 or mo	ore hours	s per day	y (on an	average	school				
								45.9	49.5	45.8	45.3	31.0	28.0	Decreased, 2007-2017	No change, 2007-2013 Decreased, 2013-2017	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.

<b>ysica</b>	Activit	ty		Healt	h Risk	Behavio	or and P	'ercenta	ges					Linear Change*	Quadratic Change*	Change from 2015-2017 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	•		
ours p martpl	er day (o none, tex	counting kting, Y	g time sp ouTube,	who pla pent on t Instagra	hings su am, Fac	ich as X	box, Pla	yStation	n, an iPa	d or oth	er tablet	, a				
									37.0	38.6	45.6	49.9	55.1	Increased, 2009-2017	Not available§	No change
				who atte		nysical e	educatio	n (PE) c	lasses o	n 1 or m	ore days	s (in an				
						hysical e	education	n (PE) c	lasses or	n 1 or m 64.2	ore days	59.1	65.4	No linear change	No change, 2007-2011 No change, 2011-2017	No change
QNDL	week w	when the	ey were i		ol) no attend			72.1	51.3	64.2	61.4	59.1	65.4	No linear change		No change
verage NDL	week w	when the	ey were i	in schoo	ol) no attend			72.1	51.3	64.2	61.4	59.1	65.4	No linear change  Decreased, 2007-2017		No change  No change
QNDL verage	YPE: Poweek w	ercentage when the	ge of students	in schoo	no attend	ded phys	sical edu	72.1 acation (35.2 ts team (	51.3 PE) clas 22.6 (countin	64.2 ses on a 22.0	61.4 all 5 days	59.1 s (in an 17.0			No change, 2011-2017  Decreased, 2007-2013	

<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.

Hispanio Other	c			Healt	th Risk	Behavio	r and P	ercenta	eges					Linear Change*	Quadratic Change*	Change from 2015-2017 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	•		
QN47:	Percen	tage of s	students	who had	d ever b	een told	by a doo	ctor or n	urse tha	t they ha	ad asthn	na				
								18.4	16.8	26.6	27.3	19.6	20.9	No linear change	Increased, 2007-2013 No change, 2013-2017	No change
QN48:	Percen	tage of s	students	who go	t 8 or me	ore hour	s of slee	p (on an	average	e school	night)					
										55.5	56.7	50.4	45.8	Decreased, 2011-2017	Not available§	No change
QN49: 12 mon				who des	scribed t	their gra	des in sc	hool as	mostly .	A's or B	's (durin	g the			-	
			37									66.0	66.8	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. \*Not enough years of data to calculate.

Hispani Site-Ad				Healt	th Risk	Behavio	or and P	'ercenta	iges					Linear Change*	Quadratic Change*	Change from 2015-2017 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	-		
QN54:	Percen	tage of s	students	who sm	oked a v	whole ci	garette b	pefore ag	ge 11 ye	ars (for	the first	time)				
								5.9	7.7	3.3	5.8	2.9	1.0	Decreased, 2007-2017	No quadratic change	No change
	Percenthe surv		students	who cur	rrently d	lrank alc	ohol (ot	her than	a few s	ips, duri	ng the 3	0 days				
											16.6	10.0	8.6	Decreased, 2013-2017	Not available§	No change
QN56:	Percen	tage of s	students	who cur	rrently u	ısed mar	ijuana (d	during th	ne 30 da	ys befor	e the su	rvey)				
										10.6	11.5	4.7	7.8	No linear change	Not available	No change
						nk a can										
											37.2	49.1	51.9	Increased, 2013-2017	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.

Iispani ite-Ad																
				Healt	th Risk	Behavio	or and P	'ercenta	iges					Linear Change*	Quadratic Change*	Change from 2015-2017 $^{\dagger}$
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	2015	2017	-		
	drinks, e			who did other di												
,a e. j )												59.2	55.9	No linear change	Not available <sup>§</sup>	No change
			students e rated N	who pla	y violer	nt video	games 2	or more	e hours	per weel	k on ave	rage	:			
												33.0	35.5	No linear change	Not available	No change
QN69:	Percen	tage of	students	who ha	ve been	taught a	bout AI	DS or H	IV infec	ction in s	school					
								65.7	57.5	51.7	50.4	41.0	39.7	Decreased, 2007-2017	No quadratic change	No change
QN70:	Percen	tage of	students	who are	deaf or	have se	rious dif	ficulty l	hearing							
												2.9	4.6	No linear change	Not available	No change
QN71:	Percen	tage of	students	who ha	ve serio	us diffic	ulty seei	ng (eve	n when	wearing	glasses)	)				
												12.6	15.0	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. \*Not enough years of data to calculate.