

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New Castle County, DE Middle School Survey  
Trend Analysis Report

Total Injury and Violence												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN6: Among students who rode a bicycle, the percentage who never or rarely wore a bicycle helmet														
								74.5	74.5	77.1	73.8	No linear change	Not available <sup>§</sup>	No change
QN7: Among students who used rollerblades or rode a skateboard, the percentage who never or rarely wore a helmet														
									80.3	83.8	78.8	No linear change	Not available	Decreased
QN8: Percentage of students who never or rarely wore a seat belt when riding in a car														
								5.9	8.2	6.4	6.8	No linear change	Not available	No change
QN9: Percentage of students who ever rode in a car driven by someone who had been drinking alcohol														
								28.4	30.3	20.9	20.9	Decreased, 2007-2013	Not available	No change

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

†Based on t-test analysis, p < 0.05.

§Not enough years of data to calculate.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### New Castle County, DE Middle School Survey Trend Analysis Report

<b>Total Injury and Violence</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>
<b>Health Risk Behavior and Percentages</b>														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN10: Percentage of students who ever carried a weapon, such as a gun, knife, or club												Decreased, 2009-2013	Not available <sup>§</sup>	No change
								27.9	21.2	23.0				
QN11: Percentage of students who have ever been in a physical fight												Decreased, 2007-2013	Not available	No change
								67.7	63.9	60.5	59.3			
QN12: Percentage of students who were ever in a physical fight in which they were hurt and had to be treated by a doctor or nurse												No linear change	Not available	No change
									8.1	6.5				
QN15: Percentage of students who ever seriously thought about killing themselves												Decreased, 2007-2013	Not available	Decreased
								20.6	20.9	24.6	12.8			
QN16: Percentage of students who ever made a plan about how they would kill themselves												Increased, 2007-2013	Not available	Increased
								11.9	11.4	12.6	18.7			

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

†Based on t-test analysis, p < 0.05.

§Not enough years of data to calculate.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### New Castle County, DE Middle School Survey Trend Analysis Report

Total Tobacco Use												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN18: Percentage of students who ever tried cigarette smoking, even one or two puffs														
								26.4	24.8	22.9	18.0	Decreased, 2007-2013	Not available <sup>§</sup>	Decreased
QN19: Percentage of students who smoked a whole cigarette for the first time before age 11 years														
								5.5	6.5	3.7	4.2	Decreased, 2007-2013	Not available	No change
QN20: Percentage of students who smoked cigarettes on one or more of the past 30 days														
								8.0	7.7	6.0	4.5	Decreased, 2007-2013	Not available	No change
QNFRCIG: Percentage of students who smoked cigarettes on 20 or more of the past 30 days														
								1.7	2.2	1.2	1.0	No linear change	Not available	No change
QN23: Percentage of students who ever smoked cigarettes daily, that is, at least one cigarette every day for 30 days														
								4.3	4.7	2.8	2.2	Decreased, 2007-2013	Not available	No change

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

†Based on t-test analysis,  $p < 0.05$ .

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Total Tobacco Use												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN24: Percentage of students who used chewing tobacco, snuff, or dip on one or more of the past 30 days												No linear change	Not available <sup>§</sup>	No change
								2.4	3.4	1.7	2.5			
QN25: Percentage of students who smoked cigars, cigarillos, or little cigars on one or more of the past 30 days												No linear change	Not available	No change
								4.8	6.6	4.9	4.9			
QNANYTOB: Percentage of students who smoked cigarettes or cigars or used chewing tobacco, snuff, or dip on one or more of the past 30 days												No linear change	Not available	No change
								9.4	9.9	7.7	6.7			

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

†Based on t-test analysis, p < 0.05.

§Not enough years of data to calculate.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### New Castle County, DE Middle School Survey Trend Analysis Report

<b>Total Alcohol and Other Drug Use</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>	
<b>Health Risk Behavior and Percentages</b>															
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013				
QN26: Percentage of students who ever had a drink of alcohol, other than a few sips															
								40.4	40.3	35.9	26.9		Decreased, 2007-2013	Not available <sup>§</sup>	Decreased
QN27: Percentage of students who had their first drink of alcohol other than a few sips before age 11 years															
								13.9	15.8	12.4	10.0		Decreased, 2007-2013	Not available	No change
QN28: Percentage of students who ever used marijuana															
								13.9	15.4	14.3	13.6		No linear change	Not available	No change
QN29: Percentage of students who tried marijuana for the first time before age 11 years															
								3.0	3.2	2.0	3.0		No linear change	Not available	No change
QN30: Percentage of students who ever used any form of cocaine, including powder, crack, or freebase															
								2.8	3.3	2.2	2.1		No linear change	Not available	No change

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

†Based on t-test analysis, p < 0.05.

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2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New Castle County, DE Middle School Survey  
Trend Analysis Report

Total Alcohol and Other Drug Use												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN31: Percentage of students who ever sniffed glue, breathed the contents of spray cans, or inhaled any paints or sprays to get high														
										9.9	7.8	Decreased, 2011-2013	Not available <sup>§</sup>	No change
QN32: Percentage of students who ever took steroid pills or shots without a doctor's prescription														
										2.0	2.2	No linear change	Not available	No change

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

†Based on t-test analysis, p < 0.05.

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## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### New Castle County, DE Middle School Survey Trend Analysis Report

<b>Total Sexual Behaviors</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>				
<b>Health Risk Behavior and Percentages</b>																		
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013							
QN34: Percentage of students who ever had sexual intercourse												23.2	23.0	18.7	16.2	Decreased, 2007-2013	Not available <sup>§</sup>	No change
QN35: Percentage of students who had sexual intercourse for the first time before age 11 years												5.8	6.6	5.2	4.4	No linear change	Not available	No change
QN36: Percentage of students who ever had sexual intercourse with three or more people												9.5	7.7	6.4	Decreased, 2009-2013	Not available	No change	
QN37: Among students who ever had sexual intercourse, the percentage who used a condom during last sexual intercourse												78.5	69.3	77.2	69.8	No linear change	Not available	No change
QN49: Percentage of students who had ever been taught in school about AIDS or HIV infection												71.3	62.3	56.2	57.3	Decreased, 2007-2013	Not available	No change

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

†Based on t-test analysis,  $p < 0.05$ .

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## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### New Castle County, DE Middle School Survey Trend Analysis Report

<b>Total</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>
<b>Weight Management and Dietary Behaviors</b>														
<b>Health Risk Behavior and Percentages</b>														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN38: Percentage of students who described themselves as slightly or very overweight												No linear change	Not available <sup>§</sup>	No change
						26.6	24.6	26.5	25.6					
QN39: Percentage of students who were trying to lose weight												No linear change	Not available	No change
						43.4	42.1	45.6	45.5					
QN40: Percentage of students who had ever gone without eating for 24 hours or more to lose weight or to keep from gaining weight												No linear change	Not available	No change
						16.3	16.4	15.8	17.2					
QN41: Percentage of students who had ever taken diet pills, powders, or liquids without a doctor's advice to lose weight or to keep from gaining weight												No linear change	Not available	No change
						3.8	3.8	3.9	4.2					
QN42: Percentage of students who had ever vomited or taken laxatives to lose weight or to keep from gaining weight												No linear change	Not available	No change
						3.8	5.9	4.5	5.4					

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

†Based on t-test analysis, p < 0.05.

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2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New Castle County, DE Middle School Survey  
Trend Analysis Report

Total												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Weight Management and Dietary Behaviors														
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN43: Percentage of students who ate breakfast on all of the past seven days														
										48.4	46.8	No linear change	Not available <sup>§</sup>	No change
QNNOBKFT: Percentage of students who ate breakfast on none of the past seven days														
										11.1	10.3	No linear change	Not available	No change

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

†Based on t-test analysis, p < 0.05.

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**2013 YOUTH RISK BEHAVIOR SURVEY RESULTS**

**New Castle County, DE Middle School Survey**

**Trend Analysis Report**

Total Physical Activity	Health Risk Behavior and Percentages											Linear Change*	Quadratic Change*	Change from 2011-2013 †	
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011				2013
QNA44: Percentage of students who were physically active for a total of at least 60 minutes per day on five or more of the past seven days									46.6	44.9	45.0	No linear change	Not available <sup>§</sup>	No change	
QNPAYDAY: Percentage of students who were physically active for a total of at least 60 minutes per day on 0 of the past seven days									18.1	11.2	14.8	Decreased, 2009-2013	Not available	Increased	
QNPAY7DAY: Percentage of students who were physically active for a total of at least 60 minutes per day on 7 of the past seven days									28.7	28.6	25.1	No linear change	Not available	No change	
QNA45: Percentage of students who watched three or more hours per day of TV on an average school day									43.8	42.5	43.5	44.1	No linear change	Not available	No change
QNA46: Percentage of students who played video or computer games or used a computer for something that was not school work three or more hours per day on an average school day									32.7	37.2	42.9	Increased, 2009-2013	Not available	Increased	

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2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New Castle County, DE Middle School Survey  
Trend Analysis Report

Total Physical Activity	Health Risk Behavior and Percentages										Linear Change*	Quadratic Change*	Change from 2011-2013 †	
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009				2011
QN47: Percentage of students who attended physical education (PE) classes one or more days in an average week when they were in school														
								64.9	63.1	63.9	63.0	No linear change	Not available <sup>§</sup>	No change
QNDLYPE: Percentage of students who attended physical education (PE) classes daily in an average week when they were in school														
								29.5	22.1	24.5	18.6	Decreased, 2007-2013	Not available	Decreased
QN48: Percentage of students who played on one or more sports teams during the past 12 months														
								60.0	58.4	60.2	61.2	No linear change	Not available	No change

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2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

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Trend Analysis Report

Total Other	Health Risk Behavior and Percentages											Linear Change*	Quadratic Change*	Change from 2011-2013 †
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011			
QN50: Percentage of students who had ever been told by a doctor or nurse that they had asthma														
								20.8	23.6	26.0	26.0	Increased, 2007-2013	Not available <sup>§</sup>	No change

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

†Based on t-test analysis, p < 0.05.

§Not enough years of data to calculate.

**2013 YOUTH RISK BEHAVIOR SURVEY RESULTS**

**New Castle County, DE Middle School Survey**

**Trend Analysis Report**

Total Site-Added	Health Risk Behavior and Percentages											Linear Change*	Quadratic Change*	Change from 2011-2013 †	
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011				2013
QN53: Percentage of students who did something to purposely hurt themselves without wanting to die, such as cutting, scraping, or burning themselves on purpose, during the past 12 months													Decreased, 2011-2013	Not available <sup>§</sup>	Decreased
											16.0	13.0			
QN55: Percentage of students who used marijuana during the past 30 days													No linear change	Not available	No change
											7.1	6.9			
QN56: Percentage of students who have ever exercised to lose weight or to keep from gaining weight													No linear change	Not available	No change
							68.0	67.6	69.7	69.7					
QN57: Percentage of students who have ever eaten less food, fewer calories, or foods low in fat to lose weight or to keep from gaining weight													No linear change	Not available	No change
							43.1	44.0	45.9	45.3					
QN65: Percentage of students who had one or more caffeinated drinks yesterday													Decreased, 2011-2013	Not available	Decreased
											58.1	51.4			

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## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

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Total Site-Added	Health Risk Behavior and Percentages											Linear Change*	Quadratic Change*	Change from 2011-2013 †
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011			
QN67: Percentage of students who get eight or more hours of sleep on average school night														
										55.6	53.7	No linear change	Not available <sup>§</sup>	No change
QN68: Percentage of students who typically sleep at home, or at the home of friend or relative, with their parent(s) or guardian(s)														
										98.2	98.7	No linear change	Not available	No change
QN69: Percentage of students who have physical disabilities or long-term health problems														
										7.0	8.0	No linear change	Not available	No change
QN70: Percentage of students who have long-term emotional problems or learning disabilities														
										7.9	9.3	No linear change	Not available	No change

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

†Based on t-test analysis, p < 0.05.

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**2013 YOUTH RISK BEHAVIOR SURVEY RESULTS**

**New Castle County, DE Middle School Survey**

**Trend Analysis Report**

<b>Male</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>
<b>Injury and Violence</b>														
<b>Health Risk Behavior and Percentages</b>														
<b>1991</b>	<b>1993</b>	<b>1995</b>	<b>1997</b>	<b>1999</b>	<b>2001</b>	<b>2003</b>	<b>2005</b>	<b>2007</b>	<b>2009</b>	<b>2011</b>	<b>2013</b>			
QN6: Among students who rode a bicycle, the percentage who never or rarely wore a bicycle helmet														
								77.9	76.8	79.8	76.7	No linear change	Not available <sup>§</sup>	No change
QN7: Among students who used rollerblades or rode a skateboard, the percentage who never or rarely wore a helmet														
									84.7	87.2	79.6	Decreased, 2009-2013	Not available	Decreased
QN8: Percentage of students who never or rarely wore a seat belt when riding in a car														
								7.2	7.7	5.8	8.0	No linear change	Not available	No change
QN9: Percentage of students who ever rode in a car driven by someone who had been drinking alcohol														
								26.5	30.0	17.8	18.6	Decreased, 2007-2013	Not available	No change
QN10: Percentage of students who ever carried a weapon, such as a gun, knife, or club														
									39.7	29.9	31.8	Decreased, 2009-2013	Not available	No change

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

†Based on t-test analysis, p < 0.05.

§Not enough years of data to calculate.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### New Castle County, DE Middle School Survey Trend Analysis Report

Male Injury and Violence												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN11: Percentage of students who have ever been in a physical fight												Decreased, 2007-2013	Not available <sup>§</sup>	No change
								78.5	75.8	71.0	69.8			
QN12: Percentage of students who were ever in a physical fight in which they were hurt and had to be treated by a doctor or nurse												No linear change	Not available	No change
										9.7	7.2			
QN15: Percentage of students who ever seriously thought about killing themselves												Decreased, 2007-2013	Not available	Decreased
								17.4	14.5	18.7	8.3			
QN16: Percentage of students who ever made a plan about how they would kill themselves												No linear change	Not available	No change
								9.6	8.8	10.3	11.5			

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

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2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New Castle County, DE Middle School Survey  
Trend Analysis Report

Male Tobacco Use												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN18: Percentage of students who ever tried cigarette smoking, even one or two puffs														
								24.7	26.5	24.3	16.7	Decreased, 2007-2013	Not available <sup>§</sup>	Decreased
QN19: Percentage of students who smoked a whole cigarette for the first time before age 11 years														
								4.9	7.4	3.9	4.9	No linear change	Not available	No change
QN20: Percentage of students who smoked cigarettes on one or more of the past 30 days														
								7.3	7.2	6.0	3.8	Decreased, 2007-2013	Not available	No change
QN21: Percentage of students who smoked cigarettes on 20 or more of the past 30 days														
								1.6	1.9	1.4	1.0	No linear change	Not available	No change
QN23: Percentage of students who ever smoked cigarettes daily, that is, at least one cigarette every day for 30 days														
								4.5	4.8	3.4	2.0	Decreased, 2007-2013	Not available	No change

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

†Based on t-test analysis, p < 0.05.

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Male Tobacco Use												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN24: Percentage of students who used chewing tobacco, snuff, or dip on one or more of the past 30 days														
								2.3	3.8	2.2	3.6	No linear change	Not available <sup>§</sup>	No change
QN25: Percentage of students who smoked cigars, cigarillos, or little cigars on one or more of the past 30 days														
								5.8	5.5	6.6	5.2	No linear change	Not available	No change
QNANYTOB: Percentage of students who smoked cigarettes or cigars or used chewing tobacco, snuff, or dip on one or more of the past 30 days														
								9.2	9.5	8.8	6.5	No linear change	Not available	No change

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

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## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### New Castle County, DE Middle School Survey Trend Analysis Report

<b>Male</b>														
<b>Alcohol and Other Drug Use</b>														
Health Risk Behavior and Percentages												Linear Change*	Quadratic Change*	Change from 2011-2013 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN26: Percentage of students who ever had a drink of alcohol, other than a few sips												Decreased, 2007-2013	Not available <sup>§</sup>	Decreased
						38.8		42.2		35.8	26.4			
QN27: Percentage of students who had their first drink of alcohol other than a few sips before age 11 years												Decreased, 2007-2013	Not available	No change
						14.3		18.3		13.9	11.5			
QN28: Percentage of students who ever used marijuana												No linear change	Not available	No change
						14.7		17.4		18.2	14.8			
QN29: Percentage of students who tried marijuana for the first time before age 11 years												No linear change	Not available	No change
						4.1		4.4		3.2	3.8			
QN30: Percentage of students who ever used any form of cocaine, including powder, crack, or freebase												No linear change	Not available	No change
						3.2		2.6		2.8	2.5			

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

†Based on t-test analysis, p < 0.05.

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2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

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Male												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Alcohol and Other Drug Use														
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN31: Percentage of students who ever sniffed glue, breathed the contents of spray cans, or inhaled any paints or sprays to get high														
										8.5	7.4	No linear change	Not available <sup>§</sup>	No change
QN32: Percentage of students who ever took steroid pills or shots without a doctor's prescription														
										1.8	1.8	No linear change	Not available	No change

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

†Based on t-test analysis, p < 0.05.

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## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### New Castle County, DE Middle School Survey Trend Analysis Report

Male Sexual Behaviors												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN34: Percentage of students who ever had sexual intercourse												Decreased, 2007-2013	Not available <sup>§</sup>	No change
								29.0	28.5	24.0	21.4			
QN35: Percentage of students who had sexual intercourse for the first time before age 11 years												No linear change	Not available	No change
								8.7	9.7	9.0	6.9			
QN36: Percentage of students who ever had sexual intercourse with three or more people												Decreased, 2009-2013	Not available	No change
								13.7	11.7	10.0				
QN37: Among students who ever had sexual intercourse, the percentage who used a condom during last sexual intercourse												No linear change	Not available	No change
								81.6	74.2	78.6	73.6			
QN49: Percentage of students who had ever been taught in school about AIDS or HIV infection												Decreased, 2007-2013	Not available	No change
								71.7	67.4	60.3	58.6			

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

†Based on t-test analysis,  $p < 0.05$ .

§Not enough years of data to calculate.

**2013 YOUTH RISK BEHAVIOR SURVEY RESULTS**

**New Castle County, DE Middle School Survey  
Trend Analysis Report**

<b>Male</b>														
<b>Weight Management and Dietary Behaviors</b>														
<b>Health Risk Behavior and Percentages</b>											<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>	
<b>1991</b>	<b>1993</b>	<b>1995</b>	<b>1997</b>	<b>1999</b>	<b>2001</b>	<b>2003</b>	<b>2005</b>	<b>2007</b>	<b>2009</b>	<b>2011</b>	<b>2013</b>			
QN38: Percentage of students who described themselves as slightly or very overweight														
								23.2	20.0	22.0	23.3	No linear change	Not available <sup>§</sup>	No change
QN39: Percentage of students who were trying to lose weight														
								34.5	31.5	36.5	39.1	Increased, 2007-2013	Not available	No change
QN40: Percentage of students who had ever gone without eating for 24 hours or more to lose weight or to keep from gaining weight														
								11.9	12.9	13.6	12.1	No linear change	Not available	No change
QN41: Percentage of students who had ever taken diet pills, powders, or liquids without a doctor's advice to lose weight or to keep from gaining weight														
								2.9	2.7	3.6	3.9	No linear change	Not available	No change
QN42: Percentage of students who had ever vomited or taken laxatives to lose weight or to keep from gaining weight														
								3.5	3.6	3.0	3.7	No linear change	Not available	No change

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

†Based on t-test analysis, p < 0.05.

§Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New Castle County, DE Middle School Survey  
Trend Analysis Report

Male											Linear Change*	Quadratic Change*	Change from 2011-2013 †	
Weight Management and Dietary Behaviors														
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN43: Percentage of students who ate breakfast on all of the past seven days											No linear change	Not available <sup>§</sup>	No change	
										56.4	53.9			
QNNOBKFT: Percentage of students who ate breakfast on none of the past seven days											No linear change	Not available	No change	
										7.9	8.4			

\*Based on trend 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.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### New Castle County, DE Middle School Survey Trend Analysis Report

Male Physical Activity												Linear Change*	Quadratic Change*	Change from 2011-2013 †	
Health Risk Behavior and Percentages															
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013				
QN44: Percentage of students who were physically active for a total of at least 60 minutes per day on five or more of the past seven days									52.2	55.2	51.4	No linear change	Not available <sup>§</sup>	No change	
QNPA0DAY: Percentage of students who were physically active for a total of at least 60 minutes per day on 0 of the past seven days									16.6	10.2	12.5	Decreased, 2009-2013	Not available	No change	
QNPA7DAY: Percentage of students who were physically active for a total of at least 60 minutes per day on 7 of the past seven days									34.2	35.7	31.9	No linear change	Not available	No change	
QN45: Percentage of students who watched three or more hours per day of TV on an average school day									44.7	42.3	41.9	45.3	No linear change	Not available	No change
QN46: Percentage of students who played video or computer games or used a computer for something that was not school work three or more hours per day on an average school day									34.0	40.7	45.0	Increased, 2009-2013	Not available	No change	

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

†Based on t-test analysis,  $p < 0.05$ .

§Not enough years of data to calculate.



2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New Castle County, DE Middle School Survey  
Trend Analysis Report

Male Physical Activity												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN47: Percentage of students who attended physical education (PE) classes one or more days in an average week when they were in school												No linear change	Not available <sup>§</sup>	No change
QNDLYPE: Percentage of students who attended physical education (PE) classes daily in an average week when they were in school												Decreased, 2007-2013	Not available	No change
QN48: Percentage of students who played on one or more sports teams during the past 12 months												No linear change	Not available	No change

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

†Based on t-test analysis, p < 0.05.

§Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New Castle County, DE Middle School Survey  
Trend Analysis Report

Male Other	Health Risk Behavior and Percentages											Linear Change*	Quadratic Change*	Change from 2011-2013 †
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011			
	QN50: Percentage of students who had ever been told by a doctor or nurse that they had asthma													
								21.2	25.5	27.1	26.8	Increased, 2007-2013	Not available <sup>§</sup>	No change

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

†Based on t-test analysis, p < 0.05.

§Not enough years of data to calculate.

**2013 YOUTH RISK BEHAVIOR SURVEY RESULTS**

**New Castle County, DE Middle School Survey  
Trend Analysis Report**

<b>Male Site-Added</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>
<b>Health Risk Behavior and Percentages</b>														
<b>1991</b>	<b>1993</b>	<b>1995</b>	<b>1997</b>	<b>1999</b>	<b>2001</b>	<b>2003</b>	<b>2005</b>	<b>2007</b>	<b>2009</b>	<b>2011</b>	<b>2013</b>			
QN53: Percentage of students who did something to purposely hurt themselves without wanting to die, such as cutting, scraping, or burning themselves on purpose, during the past 12 months												No linear change	Not available <sup>§</sup>	No change
										10.0	7.2			
QN55: Percentage of students who used marijuana during the past 30 days												No linear change	Not available	No change
										9.5	7.9			
QN56: Percentage of students who have ever exercised to lose weight or to keep from gaining weight												No linear change	Not available	No change
							66.2	63.2	66.4	68.0				
QN57: Percentage of students who have ever eaten less food, fewer calories, or foods low in fat to lose weight or to keep from gaining weight												Increased, 2007-2013	Not available	No change
							34.6	35.9	40.7	38.5				
QN65: Percentage of students who had one or more caffeinated drinks yesterday												Decreased, 2011-2013	Not available	Decreased
										60.2	50.7			

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

†Based on t-test analysis, p < 0.05.

§Not enough years of data to calculate.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### New Castle County, DE Middle School Survey Trend Analysis Report

Male Site-Added												Linear Change*	Quadratic Change*	Change from 2011-2013 †		
Health Risk Behavior and Percentages																
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013					
QN67: Percentage of students who get eight or more hours of sleep on average school night												59.6	56.1	No linear change	Not available <sup>§</sup>	No change
QN68: Percentage of students who typically sleep at home, or at the home of friend or relative, with their parent(s) or guardian(s)												97.6	98.7	No linear change	Not available	No change
QN69: Percentage of students who have physical disabilities or long-term health problems												7.1	6.6	No linear change	Not available	No change
QN70: Percentage of students who have long-term emotional problems or learning disabilities												8.4	8.4	No linear change	Not available	No change

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

†Based on t-test analysis, p < 0.05.

§Not enough years of data to calculate.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### New Castle County, DE Middle School Survey Trend Analysis Report

Female Injury and Violence												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN6: Among students who rode a bicycle, the percentage who never or rarely wore a bicycle helmet												No linear change	Not available <sup>§</sup>	No change
								70.5	71.3	74.0	70.7			
QN7: Among students who used rollerblades or rode a skateboard, the percentage who never or rarely wore a helmet												No linear change	Not available	No change
									75.0	80.3	78.0			
QN8: Percentage of students who never or rarely wore a seat belt when riding in a car												No linear change	Not available	No change
								4.4	7.8	6.7	5.3			
QN9: Percentage of students who ever rode in a car driven by someone who had been drinking alcohol												Decreased, 2007-2013	Not available	No change
								30.1	30.8	24.6	23.0			
QN10: Percentage of students who ever carried a weapon, such as a gun, knife, or club												No linear change	Not available	No change
									14.8	11.4	13.3			

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

†Based on t-test analysis, p < 0.05.

§Not enough years of data to calculate.

**2013 YOUTH RISK BEHAVIOR SURVEY RESULTS**

**New Castle County, DE Middle School Survey  
Trend Analysis Report**

**Female  
Injury and Violence**

Health Risk Behavior and Percentages											Linear Change*	Quadratic Change*	Change from 2011-2013 †	
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN11: Percentage of students who have ever been in a physical fight											Decreased, 2007-2013	Not available <sup>§</sup>	No change	
								56.0	50.7	48.8	47.6			
QN12: Percentage of students who were ever in a physical fight in which they were hurt and had to be treated by a doctor or nurse											No linear change	Not available	No change	
										6.4	5.6			
QN15: Percentage of students who ever seriously thought about killing themselves											No linear change	Not available	Decreased	
								23.7	27.1	31.0	17.2			
QN16: Percentage of students who ever made a plan about how they would kill themselves											Increased, 2007-2013	Not available	Increased	
								14.1	13.4	15.2	26.4			

\*Based on trend 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.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### New Castle County, DE Middle School Survey Trend Analysis Report

Female Tobacco Use												Linear Change*	Quadratic Change*	Change from 2011-2013 †	
Health Risk Behavior and Percentages															
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013				
QN18: Percentage of students who ever tried cigarette smoking, even one or two puffs															
								27.7	23.0	21.9	19.5		Decreased, 2007-2013	Not available <sup>§</sup>	No change
QN19: Percentage of students who smoked a whole cigarette for the first time before age 11 years															
								5.9	4.6	3.4	3.4		Decreased, 2007-2013	Not available	No change
QN20: Percentage of students who smoked cigarettes on one or more of the past 30 days															
								8.7	7.5	6.1	5.1		No linear change	Not available	No change
QN23: Percentage of students who smoked cigarettes on 20 or more of the past 30 days															
								1.7	1.5	1.0	0.9		No linear change	Not available	No change
QN23: Percentage of students who ever smoked cigarettes daily, that is, at least one cigarette every day for 30 days															
								4.0	3.7	2.3	2.3		No linear change	Not available	No change

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

†Based on t-test analysis,  $p < 0.05$ .

§Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New Castle County, DE Middle School Survey  
Trend Analysis Report

Female Tobacco Use												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN24: Percentage of students who used chewing tobacco, snuff, or dip on one or more of the past 30 days														
								2.0	1.9	1.1	1.4	No linear change	Not available <sup>§</sup>	No change
QN25: Percentage of students who smoked cigars, cigarillos, or little cigars on one or more of the past 30 days														
								3.5	6.9	3.2	4.3	No linear change	Not available	No change
QNANYTOB: Percentage of students who smoked cigarettes or cigars or used chewing tobacco, snuff, or dip on one or more of the past 30 days														
								9.4	9.9	6.8	7.0	No linear change	Not available	No change

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

†Based on t-test analysis, p < 0.05.

§Not enough years of data to calculate.



**2013 YOUTH RISK BEHAVIOR SURVEY RESULTS**

**New Castle County, DE Middle School Survey  
Trend Analysis Report**

<b>Female</b>														
<b>Alcohol and Other Drug Use</b>														
<b>Health Risk Behavior and Percentages</b>											<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>	
<b>1991</b>	<b>1993</b>	<b>1995</b>	<b>1997</b>	<b>1999</b>	<b>2001</b>	<b>2003</b>	<b>2005</b>	<b>2007</b>	<b>2009</b>	<b>2011</b>	<b>2013</b>			
QN26: Percentage of students who ever had a drink of alcohol, other than a few sips														
								42.0	37.7	36.1	27.3	Decreased, 2007-2013	Not available <sup>§</sup>	Decreased
QN27: Percentage of students who had their first drink of alcohol other than a few sips before age 11 years														
								13.3	11.6	11.4	8.5	Decreased, 2007-2013	Not available	No change
QN28: Percentage of students who ever used marijuana														
								12.8	13.0	10.5	12.1	No linear change	Not available	No change
QN29: Percentage of students who tried marijuana for the first time before age 11 years														
								1.6	1.3	1.0	1.9	No linear change	Not available	No change
QN30: Percentage of students who ever used any form of cocaine, including powder, crack, or freebase														
								2.1	3.3	1.7	1.5	No linear change	Not available	No change

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

†Based on t-test analysis, p < 0.05.

§Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New Castle County, DE Middle School Survey  
Trend Analysis Report

Female												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Alcohol and Other Drug Use														
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN31: Percentage of students who ever sniffed glue, breathed the contents of spray cans, or inhaled any paints or sprays to get high														
										11.6	8.0	Decreased, 2011-2013	Not available <sup>§</sup>	Decreased
QN32: Percentage of students who ever took steroid pills or shots without a doctor's prescription														
										2.2	2.6	No linear change	Not available	No change

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

†Based on t-test analysis, p < 0.05.

§Not enough years of data to calculate.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### New Castle County, DE Middle School Survey Trend Analysis Report

Female Sexual Behaviors												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN34: Percentage of students who ever had sexual intercourse												Decreased, 2007-2013	Not available <sup>§</sup>	No change
								17.2	16.3	13.1	10.4			
QN35: Percentage of students who had sexual intercourse for the first time before age 11 years												No linear change	Not available	No change
								2.4	2.6	1.0	1.8			
QN36: Percentage of students who ever had sexual intercourse with three or more people												No linear change	Not available	No change
								4.4	3.6	2.3				
QN49: Percentage of students who had ever been taught in school about AIDS or HIV infection												Decreased, 2007-2013	Not available	No change
								71.1	56.7	51.3	56.1			

\*Based on trend 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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New Castle County, DE Middle School Survey  
Trend Analysis Report

Female														
Weight Management and Dietary Behaviors														
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	Linear Change*	Quadratic Change*	Change from 2011-2013 †
QN38: Percentage of students who described themselves as slightly or very overweight												No linear change	Not available <sup>§</sup>	No change
QN39: Percentage of students who were trying to lose weight												No linear change	Not available	No change
QN40: Percentage of students who had ever gone without eating for 24 hours or more to lose weight or to keep from gaining weight												No linear change	Not available	No change
QN41: Percentage of students who had ever taken diet pills, powders, or liquids without a doctor's advice to lose weight or to keep from gaining weight												No linear change	Not available	No change
QN42: Percentage of students who had ever vomited or taken laxatives to lose weight or to keep from gaining weight												No linear change	Not available	No change

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

†Based on t-test analysis, p < 0.05.

§Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New Castle County, DE Middle School Survey  
Trend Analysis Report

Female												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Weight Management and Dietary Behaviors														
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN43: Percentage of students who ate breakfast on all of the past seven days														
										39.9	39.1	No linear change	Not available <sup>§</sup>	No change
QNNOBKFT: Percentage of students who ate breakfast on none of the past seven days														
										14.5	12.2	No linear change	Not available	No change

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

†Based on t-test analysis, p < 0.05.

§Not enough years of data to calculate.

**2013 YOUTH RISK BEHAVIOR SURVEY RESULTS**

**New Castle County, DE Middle School Survey**

**Trend Analysis Report**

<b>Female</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>	
<b>Physical Activity</b>															
<b>Health Risk Behavior and Percentages</b>															
<b>1991</b>	<b>1993</b>	<b>1995</b>	<b>1997</b>	<b>1999</b>	<b>2001</b>	<b>2003</b>	<b>2005</b>	<b>2007</b>	<b>2009</b>	<b>2011</b>	<b>2013</b>				
QN44: Percentage of students who were physically active for a total of at least 60 minutes per day on five or more of the past seven days															
									40.1	33.9	37.9	No linear change	Not available <sup>§</sup>	No change	
QNPA0DAY: Percentage of students who were physically active for a total of at least 60 minutes per day on 0 of the past seven days															
									18.8	12.2	17.4	No linear change	Not available	Increased	
QNPA7DAY: Percentage of students who were physically active for a total of at least 60 minutes per day on 7 of the past seven days															
									22.0	21.1	17.1	No linear change	Not available	No change	
QN45: Percentage of students who watched three or more hours per day of TV on an average school day															
									43.0	42.9	45.2	43.2	No linear change	Not available	No change
QN46: Percentage of students who played video or computer games or used a computer for something that was not school work three or more hours per day on an average school day															
									30.7	34.2	41.3	Increased, 2009-2013	Not available	Increased	

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

†Based on t-test analysis, p < 0.05.

§Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New Castle County, DE Middle School Survey  
Trend Analysis Report

Female												Linear Change*	Quadratic Change*	Change from 2011-2013 †				
Physical Activity																		
Health Risk Behavior and Percentages																		
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013							
QN47: Percentage of students who attended physical education (PE) classes one or more days in an average week when they were in school												No linear change	Not available <sup>§</sup>	No change				
QN47: Percentage of students who attended physical education (PE) classes one or more days in an average week when they were in school												60.9	61.3	61.6	59.0			
QNDLYPE: Percentage of students who attended physical education (PE) classes daily in an average week when they were in school												No linear change	Not available	No change				
QNDLYPE: Percentage of students who attended physical education (PE) classes daily in an average week when they were in school												25.4	25.1	26.0	18.4			
QN48: Percentage of students who played on one or more sports teams during the past 12 months												No linear change	Not available	No change				
QN48: Percentage of students who played on one or more sports teams during the past 12 months												51.9	50.9	53.6	56.0			

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

†Based on t-test analysis, p < 0.05.

§Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New Castle County, DE Middle School Survey  
Trend Analysis Report

Female Other	Health Risk Behavior and Percentages											Linear Change*	Quadratic Change*	Change from 2011-2013 †
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011			
QN50: Percentage of students who had ever been told by a doctor or nurse that they had asthma														
								19.9	20.7	24.5	25.0	Increased, 2007-2013	Not available <sup>§</sup>	No change

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

†Based on t-test analysis, p < 0.05.

§Not enough years of data to calculate.



**2013 YOUTH RISK BEHAVIOR SURVEY RESULTS**

**New Castle County, DE Middle School Survey**

**Trend Analysis Report**

<b>Female Site-Added</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>
<b>Health Risk Behavior and Percentages</b>														
<b>1991</b>	<b>1993</b>	<b>1995</b>	<b>1997</b>	<b>1999</b>	<b>2001</b>	<b>2003</b>	<b>2005</b>	<b>2007</b>	<b>2009</b>	<b>2011</b>	<b>2013</b>			
QN53: Percentage of students who did something to purposely hurt themselves without wanting to die, such as cutting, scraping, or burning themselves on purpose, during the past 12 months												No linear change	Not available <sup>§</sup>	No change
										22.4	19.1			
QN55: Percentage of students who used marijuana during the past 30 days												No linear change	Not available	No change
										5.0	5.8			
QN56: Percentage of students who have ever exercised to lose weight or to keep from gaining weight												No linear change	Not available	No change
										70.0	72.7	73.0	71.8	
QN57: Percentage of students who have ever eaten less food, fewer calories, or foods low in fat to lose weight or to keep from gaining weight												No linear change	Not available	No change
										52.1	53.1	50.9	52.1	
QN65: Percentage of students who had one or more caffeinated drinks yesterday												No linear change	Not available	No change
										56.7	52.8			

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

†Based on t-test analysis, p < 0.05.

§Not enough years of data to calculate.

**2013 YOUTH RISK BEHAVIOR SURVEY RESULTS**

**New Castle County, DE Middle School Survey  
Trend Analysis Report**

<b>Female Site-Added</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>
<b>Health Risk Behavior and Percentages</b>														
<b>1991</b>	<b>1993</b>	<b>1995</b>	<b>1997</b>	<b>1999</b>	<b>2001</b>	<b>2003</b>	<b>2005</b>	<b>2007</b>	<b>2009</b>	<b>2011</b>	<b>2013</b>			
QN67: Percentage of students who get eight or more hours of sleep on average school night												No linear change	Not available <sup>§</sup>	No change
										52.6	51.1			
QN68: Percentage of students who typically sleep at home, or at the home of friend or relative, with their parent(s) or guardian(s)												No linear change	Not available	No change
										98.8	98.7			
QN69: Percentage of students who have physical disabilities or long-term health problems												No linear change	Not available	No change
										7.2	9.6			
QN70: Percentage of students who have long-term emotional problems or learning disabilities												No linear change	Not available	No change
										7.5	10.3			

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

†Based on t-test analysis, p < 0.05.

§Not enough years of data to calculate.

**2013 YOUTH RISK BEHAVIOR SURVEY RESULTS**

**New Castle County, DE Middle School Survey  
Trend Analysis Report**

<b>White*</b>														
<b>Injury and Violence</b>														
<b>Health Risk Behavior and Percentages</b>										<b>Linear Change<sup>†</sup></b>	<b>Quadratic Change<sup>‡</sup></b>	<b>Change from 2011-2013<sup>§</sup></b>		
<b>1991</b>	<b>1993</b>	<b>1995</b>	<b>1997</b>	<b>1999</b>	<b>2001</b>	<b>2003</b>	<b>2005</b>	<b>2007</b>	<b>2009</b>	<b>2011</b>	<b>2013</b>			
QN6: Among students who rode a bicycle, the percentage who never or rarely wore a bicycle helmet														
								60.6	61.8	63.9	57.6	No linear change	Not available <sup>¶</sup>	No change
QN7: Among students who used rollerblades or rode a skateboard, the percentage who never or rarely wore a helmet														
									70.6	78.0	68.2	No linear change	Not available	Decreased
QN8: Percentage of students who never or rarely wore a seat belt when riding in a car														
								3.1	3.5	3.0	2.1	No linear change	Not available	No change
QN9: Percentage of students who ever rode in a car driven by someone who had been drinking alcohol														
								30.6	29.3	21.8	22.1	Decreased, 2007-2013	Not available	No change
QN10: Percentage of students who ever carried a weapon, such as a gun, knife, or club														
									26.3	22.9	23.9	No linear change	Not available	No change

\*Non-Hispanic.

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

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

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

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### New Castle County, DE Middle School Survey Trend Analysis Report

<b>White*</b>														
<b>Injury and Violence</b>														
<b>Health Risk Behavior and Percentages</b>												<b>Linear Change<sup>†</sup></b>	<b>Quadratic Change<sup>‡</sup></b>	<b>Change from 2011-2013<sup>§</sup></b>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN11: Percentage of students who have ever been in a physical fight												Decreased, 2007-2013	Not available <sup>¶</sup>	No change
								58.0	55.0	46.6	45.8			
QN12: Percentage of students who were ever in a physical fight in which they were hurt and had to be treated by a doctor or nurse												No linear change	Not available	No change
										6.8	4.5			
QN15: Percentage of students who ever seriously thought about killing themselves												Decreased, 2007-2013	Not available	Decreased
								20.4	18.2	20.5	12.0			
QN16: Percentage of students who ever made a plan about how they would kill themselves												Increased, 2007-2013	Not available	Increased
								11.6	10.2	9.7	17.6			

\*Non-Hispanic.

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

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

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

**2013 YOUTH RISK BEHAVIOR SURVEY RESULTS**

**New Castle County, DE Middle School Survey**

**Trend Analysis Report**

<b>White*</b>														
<b>Tobacco Use</b>														
<b>Health Risk Behavior and Percentages</b>														
<b>Linear Change<sup>†</sup></b>														
<b>Quadratic Change<sup>‡</sup></b>														
<b>Change from 2011-2013<sup>§</sup></b>														
<b>1991</b>	<b>1993</b>	<b>1995</b>	<b>1997</b>	<b>1999</b>	<b>2001</b>	<b>2003</b>	<b>2005</b>	<b>2007</b>	<b>2009</b>	<b>2011</b>	<b>2013</b>			
QN18: Percentage of students who ever tried cigarette smoking, even one or two puffs														
								23.4	22.3	21.5	16.6	No linear change	Not available <sup>¶</sup>	No change
QN19: Percentage of students who smoked a whole cigarette for the first time before age 11 years														
								4.6	4.5	3.4	3.4	No linear change	Not available	No change
QN20: Percentage of students who smoked cigarettes on one or more of the past 30 days														
								9.5	7.5	6.2	2.3	Decreased, 2007-2013	Not available	Decreased
QNFCIG: Percentage of students who smoked cigarettes on 20 or more of the past 30 days														
								1.7	2.6	1.7	0.5	No linear change	Not available	Decreased
QN23: Percentage of students who ever smoked cigarettes daily, that is, at least one cigarette every day for 30 days														
								5.0	4.9	4.0	1.7	Decreased, 2007-2013	Not available	Decreased

\*Non-Hispanic.

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

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

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

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New Castle County, DE Middle School Survey  
Trend Analysis Report

White*														
Tobacco Use														
Health Risk Behavior and Percentages														
Linear Change <sup>†</sup>														
Quadratic Change <sup>‡</sup>														
Change from 2011-2013 <sup>§</sup>														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN24: Percentage of students who used chewing tobacco, snuff, or dip on one or more of the past 30 days														
								1.4	2.4	2.2	2.3	No linear change	Not available <sup>¶</sup>	No change
QN25: Percentage of students who smoked cigars, cigarillos, or little cigars on one or more of the past 30 days														
								3.1	4.1	3.9	1.4	No linear change	Not available	Decreased
QNANYTOB: Percentage of students who smoked cigarettes or cigars or used chewing tobacco, snuff, or dip on one or more of the past 30 days														
								10.3	8.5	8.0	4.2	Decreased, 2007-2013	Not available	Decreased

\*Non-Hispanic.

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

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

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

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New Castle County, DE Middle School Survey  
Trend Analysis Report

White*														
Alcohol and Other Drug Use														
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	Linear Change <sup>†</sup>	Quadratic Change <sup>‡</sup>	Change from 2011-2013 <sup>§</sup>
QN26: Percentage of students who ever had a drink of alcohol, other than a few sips														
								37.9	36.0	31.1	23.2	Decreased, 2007-2013	Not available <sup>¶</sup>	No change
QN27: Percentage of students who had their first drink of alcohol other than a few sips before age 11 years														
								14.0	14.1	10.3	8.2	Decreased, 2007-2013	Not available	No change
QN28: Percentage of students who ever used marijuana														
								10.8	14.1	12.8	8.7	No linear change	Not available	No change
QN29: Percentage of students who tried marijuana for the first time before age 11 years														
								2.5	1.2	1.2	1.3	No linear change	Not available	No change
QN30: Percentage of students who ever used any form of cocaine, including powder, crack, or freebase														
								2.7	1.9	1.1	1.4	No linear change	Not available	No change

\*Non-Hispanic.

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

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

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

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New Castle County, DE Middle School Survey  
Trend Analysis Report

White*														
Alcohol and Other Drug Use														
Health Risk Behavior and Percentages														
												Linear Change <sup>†</sup>	Quadratic Change <sup>‡</sup>	Change from 2011-2013 <sup>§</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN31: Percentage of students who ever sniffed glue, breathed the contents of spray cans, or inhaled any paints or sprays to get high												No linear change	Not available <sup>¶</sup>	No change
QN32: Percentage of students who ever took steroid pills or shots without a doctor's prescription												No linear change	Not available	No change

\*Non-Hispanic.

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

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

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



2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New Castle County, DE Middle School Survey

Trend Analysis Report

White*														
Sexual Behaviors														
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	Linear Change <sup>†</sup>	Quadratic Change <sup>‡</sup>	Change from 2011-2013 <sup>§</sup>
QN34: Percentage of students who ever had sexual intercourse														
								13.3	13.9	9.2	8.0	Decreased, 2007-2013	Not available <sup>¶</sup>	No change
QN35: Percentage of students who had sexual intercourse for the first time before age 11 years														
								2.0	2.9	2.0	1.2	No linear change	Not available	No change
QN36: Percentage of students who ever had sexual intercourse with three or more people														
									5.1	3.3	2.0	Decreased, 2009-2013	Not available	No change
QN49: Percentage of students who had ever been taught in school about AIDS or HIV infection														
								70.0	57.5	52.4	56.7	Decreased, 2007-2013	Not available	No change

\*Non-Hispanic.

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

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

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

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New Castle County, DE Middle School Survey  
Trend Analysis Report

White*														
Weight Management and Dietary Behaviors														
Health Risk Behavior and Percentages											Linear Change <sup>†</sup>	Quadratic Change <sup>‡</sup>	Change from 2011-2013 <sup>§</sup>	
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN38: Percentage of students who described themselves as slightly or very overweight														
								28.8	25.8	24.7	28.6	No linear change	Not available <sup>¶</sup>	No change
QN39: Percentage of students who were trying to lose weight														
								46.9	41.2	43.4	47.9	No linear change	Not available	No change
QN40: Percentage of students who had ever gone without eating for 24 hours or more to lose weight or to keep from gaining weight														
								16.5	14.8	12.8	14.6	No linear change	Not available	No change
QN41: Percentage of students who had ever taken diet pills, powders, or liquids without a doctor's advice to lose weight or to keep from gaining weight														
								3.7	3.7	3.5	3.1	No linear change	Not available	No change
QN42: Percentage of students who had ever vomited or taken laxatives to lose weight or to keep from gaining weight														
								4.4	4.9	3.7	4.8	No linear change	Not available	No change

\*Non-Hispanic.

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

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

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

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New Castle County, DE Middle School Survey  
Trend Analysis Report

White*														
Weight Management and Dietary Behaviors														
Health Risk Behavior and Percentages														
												Linear Change <sup>†</sup>	Quadratic Change <sup>‡</sup>	Change from 2011-2013 <sup>§</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN43: Percentage of students who ate breakfast on all of the past seven days												No linear change	Not available <sup>¶</sup>	No change
QNNOBKFT: Percentage of students who ate breakfast on none of the past seven days												No linear change	Not available	No change

\*Non-Hispanic.

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

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

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

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### New Castle County, DE Middle School Survey Trend Analysis Report

White*														
Physical Activity														
Health Risk Behavior and Percentages														
												Linear Change <sup>†</sup>	Quadratic Change <sup>‡</sup>	Change from 2011-2013 <sup>§</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN44: Percentage of students who were physically active for a total of at least 60 minutes per day on five or more of the past seven days												No linear change	Not available <sup>¶</sup>	No change
									55.8	49.8	52.9			
QNPA0DAY: Percentage of students who were physically active for a total of at least 60 minutes per day on 0 of the past seven days												No linear change	Not available	No change
									9.8	8.4	9.4			
QNPA7DAY: Percentage of students who were physically active for a total of at least 60 minutes per day on 7 of the past seven days												No linear change	Not available	No change
									33.0	31.3	25.7			
QN45: Percentage of students who watched three or more hours per day of TV on an average school day												No linear change	Not available	No change
								28.2	28.5	31.3	31.1			
QN46: Percentage of students who played video or computer games or used a computer for something that was not school work three or more hours per day on an average school day												Increased, 2009-2013	Not available	Increased
									27.5	29.9	37.1			

\*Non-Hispanic.

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

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

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

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New Castle County, DE Middle School Survey  
Trend Analysis Report

White*														
Physical Activity														
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	Linear Change <sup>†</sup>	Quadratic Change <sup>‡</sup>	Change from 2011-2013 <sup>§</sup>
QN47: Percentage of students who attended physical education (PE) classes one or more days in an average week when they were in school														
								62.4	66.2	62.8	58.3	No linear change	Not available <sup>¶</sup>	No change
QNDLYPE: Percentage of students who attended physical education (PE) classes daily in an average week when they were in school														
								30.7	24.9	27.2	20.8	Decreased, 2007-2013	Not available	No change
QN48: Percentage of students who played on one or more sports teams during the past 12 months														
								66.4	64.1	65.2	65.8	No linear change	Not available	No change

\*Non-Hispanic.

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

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

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

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New Castle County, DE Middle School Survey  
Trend Analysis Report

White* Other	Health Risk Behavior and Percentages											Linear Change <sup>†</sup>	Quadratic Change <sup>‡</sup>	Change from 2011-2013 <sup>§</sup>
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011			
QN50: Percentage of students who had ever been told by a doctor or nurse that they had asthma														
								16.8	19.3	23.3	20.3	No linear change	Not available <sup>¶</sup>	No change

\*Non-Hispanic.

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

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

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

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New Castle County, DE Middle School Survey  
Trend Analysis Report

White* Site-Added												Linear Change <sup>†</sup>	Quadratic Change <sup>‡</sup>	Change from 2011-2013 <sup>§</sup>
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN53: Percentage of students who did something to purposely hurt themselves without wanting to die, such as cutting, scraping, or burning themselves on purpose, during the past 12 months														
										15.7	13.3	No linear change	Not available <sup>¶</sup>	No change
QN55: Percentage of students who used marijuana during the past 30 days														
										6.7	3.8	Decreased, 2011-2013	Not available	No change
QN56: Percentage of students who have ever exercised to lose weight or to keep from gaining weight														
							70.7	70.2	70.6	68.1		No linear change	Not available	No change
QN57: Percentage of students who have ever eaten less food, fewer calories, or foods low in fat to lose weight or to keep from gaining weight														
							47.6	41.2	43.4	45.1		No linear change	Not available	No change
QN65: Percentage of students who had one or more caffeinated drinks yesterday														
										60.8	56.2	No linear change	Not available	No change

\*Non-Hispanic.

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

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

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

**2013 YOUTH RISK BEHAVIOR SURVEY RESULTS**

**New Castle County, DE Middle School Survey  
Trend Analysis Report**

<b>White* Site-Added</b>												<b>Linear Change<sup>†</sup></b>	<b>Quadratic Change<sup>‡</sup></b>	<b>Change from 2011-2013<sup>§</sup></b>
<b>Health Risk Behavior and Percentages</b>														
<b>1991</b>	<b>1993</b>	<b>1995</b>	<b>1997</b>	<b>1999</b>	<b>2001</b>	<b>2003</b>	<b>2005</b>	<b>2007</b>	<b>2009</b>	<b>2011</b>	<b>2013</b>			
QN67: Percentage of students who get eight or more hours of sleep on average school night												No linear change	Not available <sup>¶</sup>	No change
										57.2	53.5			
QN68: Percentage of students who typically sleep at home, or at the home of friend or relative, with their parent(s) or guardian(s)												No linear change	Not available	No change
										98.9	99.4			
QN69: Percentage of students who have physical disabilities or long-term health problems												No linear change	Not available	No change
										7.5	8.6			
QN70: Percentage of students who have long-term emotional problems or learning disabilities												No linear change	Not available	No change
										8.2	9.2			

\*Non-Hispanic.

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

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

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



2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New Castle County, DE Middle School Survey

Trend Analysis Report

Black*														
Injury and Violence														
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	Linear Change <sup>†</sup>	Quadratic Change <sup>‡</sup>	Change from 2011-2013 <sup>§</sup>
QN6: Among students who rode a bicycle, the percentage who never or rarely wore a bicycle helmet														
								89.9	90.6	88.2	86.7	No linear change	Not available <sup>¶</sup>	No change
QN7: Among students who used rollerblades or rode a skateboard, the percentage who never or rarely wore a helmet														
									92.2	89.4	87.4	No linear change	Not available	No change
QN8: Percentage of students who never or rarely wore a seat belt when riding in a car														
								7.0	11.7	7.8	9.8	No linear change	Not available	No change
QN9: Percentage of students who ever rode in a car driven by someone who had been drinking alcohol														
								26.0	29.2	16.3	18.5	Decreased, 2007-2013	Not available	No change
QN10: Percentage of students who ever carried a weapon, such as a gun, knife, or club														
									29.6	19.2	20.6	Decreased, 2009-2013	Not available	No change

\*Non-Hispanic.

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

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

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

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### New Castle County, DE Middle School Survey Trend Analysis Report

<b>Black*</b>												Linear Change <sup>†</sup>	Quadratic Change <sup>‡</sup>	Change from 2011-2013 <sup>§</sup>
<b>Injury and Violence</b>														
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN11: Percentage of students who have ever been in a physical fight												Decreased, 2007-2013	Not available <sup>¶</sup>	No change
								83.2	79.7	76.9	73.5			
QN12: Percentage of students who were ever in a physical fight in which they were hurt and had to be treated by a doctor or nurse												No linear change	Not available	No change
										8.0	7.3			
QN15: Percentage of students who ever seriously thought about killing themselves												Decreased, 2007-2013	Not available	Decreased
								21.6	22.2	24.6	11.8			
QN16: Percentage of students who ever made a plan about how they would kill themselves												Increased, 2007-2013	Not available	No change
								12.3	11.5	13.6	17.0			

\*Non-Hispanic.

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

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

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

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### New Castle County, DE Middle School Survey Trend Analysis Report

Black* Tobacco Use												Linear Change <sup>†</sup>	Quadratic Change <sup>‡</sup>	Change from 2011-2013 <sup>§</sup>
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN18: Percentage of students who ever tried cigarette smoking, even one or two puffs												Decreased, 2007-2013	Not available <sup>¶</sup>	Decreased
								31.0	29.6	22.0	16.0			
QN19: Percentage of students who smoked a whole cigarette for the first time before age 11 years												Decreased, 2007-2013	Not available	No change
								6.0	8.2	3.5	3.8			
QN20: Percentage of students who smoked cigarettes on one or more of the past 30 days												Decreased, 2007-2013	Not available	No change
								7.0	8.2	3.5	2.3			
QNFCIG: Percentage of students who smoked cigarettes on 20 or more of the past 30 days												No linear change	Not available	No change
								1.1	0.9	0.0	0.6			
QN23: Percentage of students who ever smoked cigarettes daily, that is, at least one cigarette every day for 30 days												Decreased, 2007-2013	Not available	No change
								3.2	3.3	0.5	1.2			

\*Non-Hispanic.

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

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

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

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New Castle County, DE Middle School Survey

Trend Analysis Report

Black* Tobacco Use												Linear Change <sup>†</sup>	Quadratic Change <sup>‡</sup>	Change from 2011-2013 <sup>§</sup>
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN24: Percentage of students who used chewing tobacco, snuff, or dip on one or more of the past 30 days												No linear change	Not available <sup>¶</sup>	No change
								2.0	3.4	0.5	1.6			
QN25: Percentage of students who smoked cigars, cigarillos, or little cigars on one or more of the past 30 days												No linear change	Not available	No change
								6.4	8.9	3.4	5.1			
QNANYTOB: Percentage of students who smoked cigarettes or cigars or used chewing tobacco, snuff, or dip on one or more of the past 30 days												Decreased, 2007-2013	Not available	No change
								9.0	11.8	4.8	5.0			

\*Non-Hispanic.

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

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

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

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New Castle County, DE Middle School Survey  
Trend Analysis Report

Black*														
Alcohol and Other Drug Use														
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	Linear Change <sup>†</sup>	Quadratic Change <sup>‡</sup>	Change from 2011-2013 <sup>§</sup>
QN26: Percentage of students who ever had a drink of alcohol, other than a few sips														
								44.6	45.2	34.4	25.6	Decreased, 2007-2013	Not available <sup>¶</sup>	Decreased
QN27: Percentage of students who had their first drink of alcohol other than a few sips before age 11 years														
								13.4	16.9	13.1	7.8	Decreased, 2007-2013	Not available	No change
QN28: Percentage of students who ever used marijuana														
								18.1	16.2	15.2	13.5	No linear change	Not available	No change
QN29: Percentage of students who tried marijuana for the first time before age 11 years														
								3.2	4.7	2.3	3.2	No linear change	Not available	No change
QN30: Percentage of students who ever used any form of cocaine, including powder, crack, or freebase														
								1.8	2.6	1.5	1.9	No linear change	Not available	No change

\*Non-Hispanic.

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

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

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

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New Castle County, DE Middle School Survey  
Trend Analysis Report

Black*														
Alcohol and Other Drug Use														
Health Risk Behavior and Percentages														
												Linear Change <sup>†</sup>	Quadratic Change <sup>‡</sup>	Change from 2011-2013 <sup>§</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN31: Percentage of students who ever sniffed glue, breathed the contents of spray cans, or inhaled any paints or sprays to get high												No linear change	Not available <sup>¶</sup>	No change
										7.6	5.7			
QN32: Percentage of students who ever took steroid pills or shots without a doctor's prescription												No linear change	Not available	No change
										0.8	1.7			

\*Non-Hispanic.

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

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

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

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### New Castle County, DE Middle School Survey Trend Analysis Report

<b>Black*</b>												Linear Change <sup>†</sup>	Quadratic Change <sup>‡</sup>	Change from 2011-2013 <sup>§</sup>
<b>Sexual Behaviors</b>														
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN34: Percentage of students who ever had sexual intercourse												Decreased, 2007-2013	Not available <sup>¶</sup>	No change
								35.2	35.9	28.0	22.8			
QN35: Percentage of students who had sexual intercourse for the first time before age 11 years												No linear change	Not available	No change
								10.0	10.7	9.1	7.3			
QN36: Percentage of students who ever had sexual intercourse with three or more people												Decreased, 2009-2013	Not available	No change
									15.5	12.2	9.1			
QN37: Among students who ever had sexual intercourse, the percentage who used a condom during last sexual intercourse												No linear change	Not available	No change
										79.3	72.1			
QN49: Percentage of students who had ever been taught in school about AIDS or HIV infection												Decreased, 2007-2013	Not available	No change
								80.1	72.0	62.0	64.4			

\*Non-Hispanic.

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

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

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

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New Castle County, DE Middle School Survey  
Trend Analysis Report

Black*															
Weight Management and Dietary Behaviors															
Health Risk Behavior and Percentages															
													Linear Change <sup>†</sup>	Quadratic Change <sup>‡</sup>	Change from 2011-2013 <sup>§</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013				
QN38: Percentage of students who described themselves as slightly or very overweight															
								27.1	18.5	22.1	18.4		Decreased, 2007-2013	Not available <sup>¶</sup>	No change
QN39: Percentage of students who were trying to lose weight															
								39.0	37.3	44.4	39.3		No linear change	Not available	No change
QN40: Percentage of students who had ever gone without eating for 24 hours or more to lose weight or to keep from gaining weight															
								16.2	19.1	17.0	20.5		No linear change	Not available	No change
QN41: Percentage of students who had ever taken diet pills, powders, or liquids without a doctor's advice to lose weight or to keep from gaining weight															
								3.2	3.3	2.9	2.7		No linear change	Not available	No change
QN42: Percentage of students who had ever vomited or taken laxatives to lose weight or to keep from gaining weight															
								4.3	7.2	4.2	4.6		No linear change	Not available	No change

\*Non-Hispanic.

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

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

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



2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New Castle County, DE Middle School Survey  
Trend Analysis Report

Black*														
Weight Management and Dietary Behaviors														
Health Risk Behavior and Percentages														
												Linear Change <sup>†</sup>	Quadratic Change <sup>‡</sup>	Change from 2011-2013 <sup>§</sup>
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN43: Percentage of students who ate breakfast on all of the past seven days												No linear change	Not available <sup>¶</sup>	No change
										45.0	45.7			
QNNOBKFT: Percentage of students who ate breakfast on none of the past seven days												No linear change	Not available	No change
										10.9	9.3			

\*Non-Hispanic.

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

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

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

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### New Castle County, DE Middle School Survey Trend Analysis Report

<b>Black*</b>												Linear Change <sup>†</sup>	Quadratic Change <sup>‡</sup>	Change from 2011-2013 <sup>§</sup>
<b>Physical Activity</b>														
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN44: Percentage of students who were physically active for a total of at least 60 minutes per day on five or more of the past seven days												No linear change	Not available <sup>¶</sup>	No change
									37.0	42.3	41.4			
QNPA0DAY: Percentage of students who were physically active for a total of at least 60 minutes per day on 0 of the past seven days												No linear change	Not available	No change
									26.8	14.9	19.4			
QNPA7DAY: Percentage of students who were physically active for a total of at least 60 minutes per day on 7 of the past seven days												No linear change	Not available	No change
									24.9	26.3	26.8			
QN45: Percentage of students who watched three or more hours per day of TV on an average school day												No linear change	Not available	No change
								62.1	57.9	58.9	57.3			
QN46: Percentage of students who played video or computer games or used a computer for something that was not school work three or more hours per day on an average school day												Increased, 2009-2013	Not available	No change
									36.5	46.7	48.2			

\*Non-Hispanic.

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

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

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

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New Castle County, DE Middle School Survey  
Trend Analysis Report

Black*														
Physical Activity														
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013	Linear Change <sup>†</sup>	Quadratic Change <sup>‡</sup>	Change from 2011-2013 <sup>§</sup>
QN47: Percentage of students who attended physical education (PE) classes one or more days in an average week when they were in school														
								61.5	65.4	70.0	68.8	No linear change	Not available <sup>¶</sup>	No change
QNDLYPE: Percentage of students who attended physical education (PE) classes daily in an average week when they were in school														
								24.2	18.9	20.7	18.4	No linear change	Not available	No change
QN48: Percentage of students who played on one or more sports teams during the past 12 months														
								57.3	57.5	53.3	61.7	No linear change	Not available	Increased

\*Non-Hispanic.

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

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

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

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New Castle County, DE Middle School Survey  
Trend Analysis Report

Black* Other	Health Risk Behavior and Percentages											Linear Change <sup>†</sup>	Quadratic Change <sup>‡</sup>	Change from 2011-2013 <sup>§</sup>	
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011				2013
	QN50: Percentage of students who had ever been told by a doctor or nurse that they had asthma														
								25.6	33.8	28.1	32.0		No linear change	Not available <sup>¶</sup>	No change

\*Non-Hispanic.

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

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

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

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New Castle County, DE Middle School Survey  
Trend Analysis Report

Black* Site-Added												Linear Change <sup>†</sup>	Quadratic Change <sup>‡</sup>	Change from 2011-2013 <sup>§</sup>
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN53: Percentage of students who did something to purposely hurt themselves without wanting to die, such as cutting, scraping, or burning themselves on purpose, during the past 12 months												No linear change	Not available <sup>¶</sup>	No change
QN55: Percentage of students who used marijuana during the past 30 days												No linear change	Not available	No change
QN56: Percentage of students who have ever exercised to lose weight or to keep from gaining weight												Increased, 2007-2013	Not available	No change
QN57: Percentage of students who have ever eaten less food, fewer calories, or foods low in fat to lose weight or to keep from gaining weight												No linear change	Not available	No change
QN65: Percentage of students who had one or more caffeinated drinks yesterday												Decreased, 2011-2013	Not available	Decreased

\*Non-Hispanic.

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

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

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

**2013 YOUTH RISK BEHAVIOR SURVEY RESULTS**

**New Castle County, DE Middle School Survey  
Trend Analysis Report**

<b>Black* Site-Added</b>												<b>Linear Change<sup>†</sup></b>	<b>Quadratic Change<sup>‡</sup></b>	<b>Change from 2011-2013<sup>§</sup></b>
<b>Health Risk Behavior and Percentages</b>														
<b>1991</b>	<b>1993</b>	<b>1995</b>	<b>1997</b>	<b>1999</b>	<b>2001</b>	<b>2003</b>	<b>2005</b>	<b>2007</b>	<b>2009</b>	<b>2011</b>	<b>2013</b>			
QN67: Percentage of students who get eight or more hours of sleep on average school night												No linear change	Not available <sup>¶</sup>	No change
										54.2	53.4			
QN68: Percentage of students who typically sleep at home, or at the home of friend or relative, with their parent(s) or guardian(s)												No linear change	Not available	No change
										97.6	98.4			
QN69: Percentage of students who have physical disabilities or long-term health problems												No linear change	Not available	No change
										7.0	6.7			
QN70: Percentage of students who have long-term emotional problems or learning disabilities												No linear change	Not available	No change
										6.5	7.4			

\*Non-Hispanic.

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

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

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

**2013 YOUTH RISK BEHAVIOR SURVEY RESULTS**

**New Castle County, DE Middle School Survey  
Trend Analysis Report**

**Hispanic/Latino  
Injury and Violence**

Health Risk Behavior and Percentages												Linear Change*	Quadratic Change*	Change from 2011-2013 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN6: Among students who rode a bicycle, the percentage who never or rarely wore a bicycle helmet														
							83.9	86.3	89.5	80.8		No linear change	Not available <sup>§</sup>	Decreased
QN7: Among students who used rollerblades or rode a skateboard, the percentage who never or rarely wore a helmet														
									87.9	83.3		No linear change	Not available	No change
QN8: Percentage of students who never or rarely wore a seat belt when riding in a car														
							9.8	10.5	8.4	8.0		No linear change	Not available	No change
QN9: Percentage of students who ever rode in a car driven by someone who had been drinking alcohol														
							32.1	34.2	27.6	25.9		No linear change	Not available	No change
QN10: Percentage of students who ever carried a weapon, such as a gun, knife, or club														
								31.7	21.3	21.6		No linear change	Not available	No change

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

†Based on t-test analysis, p < 0.05.

§Not enough years of data to calculate.

## 2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

### New Castle County, DE Middle School Survey Trend Analysis Report

Hispanic/Latino Injury and Violence												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN11: Percentage of students who have ever been in a physical fight												No linear change	Not available <sup>§</sup>	No change
								62.4	64.7	61.1	57.0			
QN12: Percentage of students who were ever in a physical fight in which they were hurt and had to be treated by a doctor or nurse												No linear change	Not available	No change
										12.7	9.2			
QN15: Percentage of students who ever seriously thought about killing themselves												No linear change	Not available	Decreased
								21.7	23.9	32.0	12.9			
QN16: Percentage of students who ever made a plan about how they would kill themselves												Increased, 2007-2013	Not available	No change
								13.1	13.1	15.0	21.6			

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

†Based on t-test analysis, p < 0.05.

§Not enough years of data to calculate.



2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New Castle County, DE Middle School Survey  
Trend Analysis Report

Hispanic/Latino Tobacco Use														
Health Risk Behavior and Percentages											Linear Change*	Quadratic Change*	Change from 2011-2013 †	
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN18: Percentage of students who ever tried cigarette smoking, even one or two puffs												No linear change	Not available <sup>§</sup>	No change
						26.7	27.4	30.4	22.7					
QN19: Percentage of students who smoked a whole cigarette for the first time before age 11 years												No linear change	Not available	No change
						5.9	7.7	3.3	5.8					
QN20: Percentage of students who smoked cigarettes on one or more of the past 30 days												No linear change	Not available	No change
						7.6	10.0	8.6	10.1					
QN23: Percentage of students who smoked cigarettes on 20 or more of the past 30 days												No linear change	Not available	No change
						2.8	3.8	1.8	2.3					
QN23: Percentage of students who ever smoked cigarettes daily, that is, at least one cigarette every day for 30 days												No linear change	Not available	No change
						4.3	7.1	3.4	4.6					

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

†Based on t-test analysis, p < 0.05.

§Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New Castle County, DE Middle School Survey  
Trend Analysis Report

Hispanic/Latino  
Tobacco Use

Health Risk Behavior and Percentages											Linear Change*	Quadratic Change*	Change from 2011-2013 †	
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN24: Percentage of students who used chewing tobacco, snuff, or dip on one or more of the past 30 days											No linear change	Not available <sup>§</sup>	No change	
QN25: Percentage of students who smoked cigars, cigarillos, or little cigars on one or more of the past 30 days											No linear change	Not available	No change	
QNANYTOB: Percentage of students who smoked cigarettes or cigars or used chewing tobacco, snuff, or dip on one or more of the past 30 days											No linear change	Not available	No change	

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

†Based on t-test analysis, p < 0.05.

§Not enough years of data to calculate.

**2013 YOUTH RISK BEHAVIOR SURVEY RESULTS**

**New Castle County, DE Middle School Survey  
Trend Analysis Report**

<b>Hispanic/Latino Alcohol and Other Drug Use</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>
<b>Health Risk Behavior and Percentages</b>														
<b>1991</b>	<b>1993</b>	<b>1995</b>	<b>1997</b>	<b>1999</b>	<b>2001</b>	<b>2003</b>	<b>2005</b>	<b>2007</b>	<b>2009</b>	<b>2011</b>	<b>2013</b>			
QN26: Percentage of students who ever had a drink of alcohol, other than a few sips												No linear change	Not available <sup>§</sup>	Decreased
								44.8	51.0	49.7	33.9			
QN27: Percentage of students who had their first drink of alcohol other than a few sips before age 11 years												No linear change	Not available	No change
								16.2	24.4	15.5	14.3			
QN28: Percentage of students who ever used marijuana												Increased, 2007-2013	Not available	No change
								14.1	14.8	17.6	20.2			
QN29: Percentage of students who tried marijuana for the first time before age 11 years												No linear change	Not available	Increased
								3.0	4.2	2.6	6.4			
QN30: Percentage of students who ever used any form of cocaine, including powder, crack, or freebase												No linear change	Not available	No change
								5.0	6.8	5.2	3.6			

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

†Based on t-test analysis, p < 0.05.

§Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New Castle County, DE Middle School Survey  
Trend Analysis Report

Hispanic/Latino Alcohol and Other Drug Use												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN31: Percentage of students who ever sniffed glue, breathed the contents of spray cans, or inhaled any paints or sprays to get high												No linear change	Not available <sup>§</sup>	No change
										14.0	10.3			
QN32: Percentage of students who ever took steroid pills or shots without a doctor's prescription												No linear change	Not available	No change
										2.9	3.6			

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

†Based on t-test analysis, p < 0.05.

§Not enough years of data to calculate.

**2013 YOUTH RISK BEHAVIOR SURVEY RESULTS**

**New Castle County, DE Middle School Survey  
Trend Analysis Report**

<b>Hispanic/Latino Sexual Behaviors</b>												<b>Linear Change*</b>	<b>Quadratic Change*</b>	<b>Change from 2011-2013 †</b>
<b>Health Risk Behavior and Percentages</b>														
<b>1991</b>	<b>1993</b>	<b>1995</b>	<b>1997</b>	<b>1999</b>	<b>2001</b>	<b>2003</b>	<b>2005</b>	<b>2007</b>	<b>2009</b>	<b>2011</b>	<b>2013</b>			
QN34: Percentage of students who ever had sexual intercourse												No linear change	Not available <sup>§</sup>	No change
								25.3	27.3	22.9	16.5			
QN35: Percentage of students who had sexual intercourse for the first time before age 11 years												No linear change	Not available	No change
								8.4	7.0	4.6	5.1			
QN36: Percentage of students who ever had sexual intercourse with three or more people												No linear change	Not available	No change
									10.8	9.7	7.7			
QN49: Percentage of students who had ever been taught in school about AIDS or HIV infection												Decreased, 2007-2013	Not available	No change
								65.7	57.5	51.7	50.4			

\*Based on trend 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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New Castle County, DE Middle School Survey  
Trend Analysis Report

Hispanic/Latino

Weight Management and Dietary Behaviors

Health Risk Behavior and Percentages												Linear Change*	Quadratic Change*	Change from 2011-2013 †
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN38: Percentage of students who described themselves as slightly or very overweight												Increased, 2007-2013	Not available <sup>§</sup>	No change
								26.6	24.7	32.6	32.9			
QN39: Percentage of students who were trying to lose weight												No linear change	Not available	No change
								52.5	46.1	54.0	55.1			
QN40: Percentage of students who had ever gone without eating for 24 hours or more to lose weight or to keep from gaining weight												Increased, 2007-2013	Not available	No change
								14.4	16.0	16.7	21.2			
QN41: Percentage of students who had ever taken diet pills, powders, or liquids without a doctor's advice to lose weight or to keep from gaining weight												No linear change	Not available	No change
								5.3	5.4	6.6	7.3			
QN42: Percentage of students who had ever vomited or taken laxatives to lose weight or to keep from gaining weight												Increased, 2007-2013	Not available	No change
								3.0	6.5	6.6	7.3			

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

†Based on t-test analysis, p < 0.05.

§Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New Castle County, DE Middle School Survey  
Trend Analysis Report

Hispanic/Latino

Weight Management and Dietary Behaviors

Health Risk Behavior and Percentages											Linear Change*	Quadratic Change*	Change from 2011-2013 †	
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN43: Percentage of students who ate breakfast on all of the past seven days											No linear change	Not available <sup>§</sup>	No change	
QNNOBKFT: Percentage of students who ate breakfast on none of the past seven days											No linear change	Not available	No change	

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

†Based on t-test analysis, p < 0.05.

§Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New Castle County, DE Middle School Survey

Trend Analysis Report

Hispanic/Latino Physical Activity												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN44: Percentage of students who were physically active for a total of at least 60 minutes per day on five or more of the past seven days												No linear change	Not available <sup>§</sup>	No change
									37.5	38.6	35.8			
QNPA0DAY: Percentage of students who were physically active for a total of at least 60 minutes per day on 0 of the past seven days												Decreased, 2009-2013	Not available	No change
									28.7	11.7	16.9			
QNPA7DAY: Percentage of students who were physically active for a total of at least 60 minutes per day on 7 of the past seven days												No linear change	Not available	No change
									23.3	25.3	20.8			
QN45: Percentage of students who watched three or more hours per day of TV on an average school day												No linear change	Not available	No change
								45.9	49.5	45.8	45.3			
QN46: Percentage of students who played video or computer games or used a computer for something that was not school work three or more hours per day on an average school day												Increased, 2009-2013	Not available	No change
									37.0	38.6	45.6			

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

†Based on t-test analysis, p < 0.05.

§Not enough years of data to calculate.



2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New Castle County, DE Middle School Survey  
Trend Analysis Report

Hispanic/Latino Physical Activity												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN47: Percentage of students who attended physical education (PE) classes one or more days in an average week when they were in school												No linear change	Not available <sup>§</sup>	No change
QNDLYPE: Percentage of students who attended physical education (PE) classes daily in an average week when they were in school												Decreased, 2007-2013	Not available	Decreased
QN48: Percentage of students who played on one or more sports teams during the past 12 months												No linear change	Not available	No change

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

†Based on t-test analysis, p < 0.05.

§Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New Castle County, DE Middle School Survey  
Trend Analysis Report

Hispanic/Latino												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Other														
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN50: Percentage of students who had ever been told by a doctor or nurse that they had asthma														
								18.4	16.8	26.6	27.3	Increased, 2007-2013	Not available <sup>§</sup>	No change

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

†Based on t-test analysis, p < 0.05.

§Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New Castle County, DE Middle School Survey  
Trend Analysis Report

Hispanic/Latino Site-Added												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN53: Percentage of students who did something to purposely hurt themselves without wanting to die, such as cutting, scraping, or burning themselves on purpose, during the past 12 months												No linear change	Not available <sup>§</sup>	No change
QN55: Percentage of students who used marijuana during the past 30 days												No linear change	Not available	No change
QN56: Percentage of students who have ever exercised to lose weight or to keep from gaining weight												No linear change	Not available	No change
QN57: Percentage of students who have ever eaten less food, fewer calories, or foods low in fat to lose weight or to keep from gaining weight												No linear change	Not available	No change
QN65: Percentage of students who had one or more caffeinated drinks yesterday												No linear change	Not available	No change

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

†Based on t-test analysis, p < 0.05.

§Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New Castle County, DE Middle School Survey

Trend Analysis Report

Hispanic/Latino Site-Added												Linear Change*	Quadratic Change*	Change from 2011-2013 †
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN67: Percentage of students who get eight or more hours of sleep on average school night												No linear change	Not available <sup>§</sup>	No change
										55.5	56.7			
QN68: Percentage of students who typically sleep at home, or at the home of friend or relative, with their parent(s) or guardian(s)												No linear change	Not available	No change
										98.0	98.4			
QN69: Percentage of students who have physical disabilities or long-term health problems												No linear change	Not available	No change
										7.7	6.8			
QN70: Percentage of students who have long-term emotional problems or learning disabilities												No linear change	Not available	No change
										7.1	9.1			

\*Based on trend 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.