

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High School Survey Trend Analysis Report

Total 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
QN8: Among students who rode a bicycle during the past 12 months, the percentage who never or rarely wore a bicycle helmet				90.7	87.4	88.0	89.1	90.2	88.7	89.1	87.6	86.6	Decreased, 1997-2013	No quadratic change	No change
QN13: Percentage of students who carried a weapon such as a gun, knife, or club on one or more of the past 30 days				18.2	19.2	16.9	15.1	16.5	11.7	11.2	9.1	8.3	Decreased, 1997-2013	Decreased, 1997-2005 Decreased, 2005-2013	No change
QN14: Percentage of students who carried a gun on one or more of the past 30 days				4.2	3.1	3.6	3.8	3.8	3.1	3.0	2.3	2.5	Decreased, 1997-2013	No quadratic change	No change
QN15: Percentage of students who carried a weapon such as a gun, knife, or club on school property on one or more of the past 30 days				9.3	8.9	7.3	6.1	7.0	4.4	3.8	3.6	3.2	Decreased, 1997-2013	No quadratic change	No change

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

†Based on t-test analysis, p < 0.05.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High 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			
QN16: Percentage of students who did not go to school on one or more of the past 30 days because they felt they would be unsafe at school or on their way to or from school														
			7.6	9.3	10.6	10.7	9.1	7.5	9.1	8.4	8.3	No linear change	No quadratic change	No change
QN17: Percentage of students who had been threatened or injured with a weapon such as a gun, knife, or club on school property one or more times during the past 12 months														
			7.5	10.5	9.5	8.9	8.1	6.8	7.2	6.7	7.1	Decreased, 1997-2013	No quadratic change	No change
QN18: Percentage of students who were in a physical fight one or more times during the past 12 months														
			34.6	39.3	40.5	37.6	35.8	33.5	31.5	28.6	26.1	Decreased, 1997-2013	Increased, 1997-2001 Decreased, 2001-2013	No change
QN24: Percentage of students who had ever been bullied on school property during the past 12 months														
									11.2	11.7	13.9	Increased, 2009-2013	Not available [§]	Increased
QN25: Percentage of students who had ever been electronically bullied during the past 12 months														
									11.0	10.8	No linear change	Not available	No change	

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

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

§Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High 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			
QN26: Percentage of students who felt so sad or hopeless almost every day for two weeks or more in a row that they stopped doing some usual activities during the past 12 months														
			33.1	32.5	32.2	32.3	30.2	28.3	26.9	27.4		Decreased, 1999-2013	No quadratic change	No change
QN27: Percentage of students who seriously considered attempting suicide during the past 12 months														
	16.8	15.6	15.0	13.6	15.3	11.8	13.6	11.6	13.3		Decreased, 1997-2013	No quadratic change	Increased	
QN29: Percentage of students who actually attempted suicide one or more times during the past 12 months														
	7.8	6.5	7.8	8.4	9.6	7.5	9.9	8.4	8.1		No linear change	No quadratic change	No change	
QN30: Percentage of students who made a suicide attempt during the past 12 months that resulted in an injury, poisoning, or overdose that had to be treated by a doctor or nurse														
	2.5	2.4	1.7	1.9	2.6	2.1	3.4	2.5	2.6		No linear change	No quadratic change	No change	

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

†Based on t-test analysis, p < 0.05.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High 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			
QN31: Percentage of students who ever tried cigarette smoking, even one or two puffs														
			59.9	62.1	58.0	49.4	48.1	43.5	35.3	28.9	26.8	Decreased, 1997-2013	Decreased, 1997-2007 Decreased, 2007-2013	No change
QN33: Percentage of students who smoked cigarettes on one or more of the past 30 days														
			23.4	24.1	17.6	14.8	11.2	8.5	8.4	8.5	8.2	Decreased, 1997-2013	No quadratic change	No change
QNFRSIG: Percentage of students who smoked cigarettes on 20 or more of the past 30 days														
			9.7	8.8	7.5	5.3	3.6	2.7	2.4	2.5	2.2	Decreased, 1997-2013	No quadratic change	No change
QN34: Among students who reported current cigarette use, the percentage who smoked more than 10 cigarettes per day on the days they smoked during the past 30 days														
			12.9	6.7	9.9	5.8	6.3	7.2	8.2	8.4	7.0	Decreased, 1997-2013	No quadratic change	No change
QN39: Percentage of students who used chewing tobacco, snuff, or dip on one or more of the past 30 days														
			1.6	1.3	1.1	1.6	3.4	2.2	3.4	3.3	4.4	Increased, 1997-2013	No quadratic change	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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High 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			
QN43: Percentage of students who had at least one drink of alcohol on one or more of the past 30 days														
			39.7	37.8	41.8	35.5	35.5	33.5	32.0	30.6	24.7	Decreased, 1997-2013	Decreased, 1997-2009 Decreased, 2009-2013	Decreased
QN44: Percentage of students who had five or more drinks of alcohol in a row, that is, within a couple of hours, on one or more of the past 30 days														
			18.4	16.6	17.9	15.7	13.6	14.8	14.0	12.7	10.8	Decreased, 1997-2013	Decreased, 1997-2009 Decreased, 2009-2013	Decreased
QN46: Among students who reported current alcohol use, the percentage who usually got the alcohol they drank from someone who gave it to them during the past 30 days														
								28.9	33.2	32.0	30.3	No linear change	Not available [§]	No change
QN48: Percentage of students who tried marijuana for the first time before age 13 years														
			7.2	6.5	7.5	7.2	6.5	5.5	6.7	7.1	7.4	No linear change	No quadratic change	No change
QN49: Percentage of students who used marijuana one or more times during the past 30 days														
			15.7	17.3	17.8	15.3	12.3	12.4	15.0	17.7	16.2	No linear change	Decreased, 1997-2007 Increased, 2007-2013	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 York City High 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			
QN50: Percentage of students who used any form of cocaine, including powder, crack, or freebase one or more times during their life												Increased, 1997-2013	No quadratic change	No change
			3.3	3.3	2.6	3.5	3.6	3.2	4.2	4.1	4.7			
QN52: Percentage of students who used heroin one or more times during their life												Increased, 1999-2013	No quadratic change	No change
				1.0	0.9	1.6	1.8	1.3	2.6	2.7	2.8			
QN53: Percentage of students who used methamphetamines one or more times during their life												No linear change	No quadratic change	No change
				2.9	2.8	2.4	2.5	1.8	2.9	2.8	3.4			
QN54: Percentage of students who used ecstasy one or more times during their life												No linear change	Decreased, 2003-2007 Increased, 2007-2013	No change
						5.0	3.7	2.5	4.4	4.7	4.8			
QN57: Percentage of students who used a needle to inject any illegal drug into their body one or more times during their life												Increased, 1997-2013	No quadratic change	No change
			1.3	0.8	1.1	1.3	2.1	1.7	2.8	2.5	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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High School Survey Trend Analysis Report

Total 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			
QN59: Percentage of students who ever had sexual intercourse												Decreased, 1997-2013	No change, 1997-2007 Decreased, 2007-2013	Decreased
			40.0	45.1	50.9	48.0	47.7	46.1	39.3	37.8	31.2			
QN60: Percentage of students who had sexual intercourse for the first time before age 13 years												Decreased, 1997-2013	No change, 1997-2007 Decreased, 2007-2013	Decreased
			9.4	8.8	12.3	11.0	10.9	9.4	8.3	7.0	5.5			
QN61: Percentage of students who had sexual intercourse with four or more people during their life												Decreased, 1997-2013	No change, 1997-2007 Decreased, 2007-2013	No change
			14.8	15.1	18.9	17.1	17.7	15.8	14.5	12.3	10.3			
QN62: Percentage of students who had sexual intercourse with one or more people during the past three months												Decreased, 1997-2013	No change, 1997-2007 Decreased, 2007-2013	Decreased
			27.8	30.5	36.6	33.9	29.7	31.7	27.4	25.1	20.3			
QN63: Among students who had sexual intercourse during the past three months, the percentage who drank alcohol or used drugs before last sexual intercourse												No linear change	No change, 1997-2003 Increased, 2003-2013	No change
			21.1	15.4	16.9	15.5	15.8	13.4	18.9	19.2	18.5			

*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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High School Survey Trend Analysis Report

Total 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			
QN64: Among students who had sexual intercourse during the past three months, the percentage who used a condom during last sexual intercourse												No linear change	Increased, 1997-2003 Decreased, 2003-2013	No change
		72.7	66.4	71.0	76.4	69.2	71.5	71.1	65.4	67.8				
QN65: Among students who had sexual intercourse during the past three months, the percentage who used birth control pills to prevent pregnancy before last sexual intercourse												No linear change	No change, 1997-2007 Increased, 2007-2013	No change
		6.5	8.1	7.0	5.5	8.1	6.3	6.8	9.3	9.6				
QNOTHH: Among students who had sexual intercourse during the past three months, the percentage who used an IUD or implant or a shot, patch, or birth control ring to prevent pregnancy before last sexual intercourse												Increased, 2011-2013	Not available [§]	Increased
									3.5	7.4				
QNOTHHPL: Among students who had sexual intercourse during the past three months, the percentage who used birth control pills, an IUD or implant, or a shot, patch, or birth control ring to prevent pregnancy before last sexual intercourse												Increased, 2011-2013	Not available	Increased
									12.9	17.0				

*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 York City High School Survey Trend Analysis Report

Total 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												
QNDUALBC: Among students who had sexual intercourse during the past three months, the percentage who used both a condom during last sexual intercourse and birth control pills, an IUD or implant, or a shot, patch, or birth control ring to prevent pregnancy before last sexual intercourse												4.8	7.7	Increased, 2011-2013	Not available [§]	Increased							
QNBCNONE: Among students who had sexual intercourse during the past three months, the percentage who used no method of birth control to prevent pregnancy before last sexual intercourse												10.7	13.9	13.9	10.5	16.9	15.1	15.5	14.2	17.6	Increased, 1997-2013	No quadratic change	No change

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

†Based on t-test analysis, p < 0.05.

§Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High 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			
QNOWT: Percentage of students who were overweight (i.e., at or above the 85th percentile but below the 95th percentile for body mass index, by age and sex) [§]														
				14.8	14.9	15.8	16.0	15.9	16.1	15.5	16.6	No linear change	No quadratic change	No change
QNOBESE: Percentage of students who were obese (i.e., at or above the 95th percentile for body mass index, by age and sex) [§]														
				9.0	11.3	13.1	11.3	11.2	10.4	11.6	11.8	No linear change	No quadratic change	No change
QN66: Percentage of students who described themselves as slightly or very overweight														
			27.0	28.0	27.8	27.1	29.2	27.3	24.9	28.1	30.1	No linear change	No quadratic change	No change
QN67: Percentage of students who were trying to lose weight														
			40.0	40.1	39.7	42.8	42.7	43.1	43.7	45.0	46.2	Increased, 1997-2013	No quadratic change	No change
QN71: Percentage of students who drank 100% fruit juices one or more times during the past seven days														
				85.9	87.0	84.3	83.4	81.4	80.4	78.4	75.2	Decreased, 1999-2013	No quadratic change	Decreased

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

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

§Overweight and obese prevalence estimates for 1999 differ slightly from previously published results because different BMI cut points were used in 1999 than in subsequent years. To make these prevalence estimates comparable, the 1999 prevalence estimates were recalculated using the updated BMI cut points.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High 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			
QN72: Percentage of students who ate fruit one or more times during the past seven days														
				83.9	79.5	80.6	80.6	83.1	81.8	81.9	81.7	No linear change	No quadratic change	No change
QNFRUIT: Percentage of students who ate fruits or drank 100% fruit juices two or more times per day during the past seven days														
				37.4	38.4	39.1	33.0	32.3	34.6	33.9	29.2	Decreased, 1999-2013	No quadratic change	Decreased
QNFR0: Percentage of students who ate fruits or drank 100% fruit juices 0 times per day during the past seven days														
				4.6	5.3	5.8	6.3	6.0	6.4	6.7	7.3	Increased, 1999-2013	No quadratic change	No change
QNFR1: Percentage of students who ate fruits or drank 100% fruit juices one or more times per day during the past seven days														
				65.0	63.5	63.9	60.1	59.9	61.4	59.0	56.3	Decreased, 1999-2013	No quadratic change	Decreased
QNFR3: Percentage of students who ate fruits or drank 100% fruit juices three or more times per day during the past seven days														
				27.5	28.4	29.9	23.5	23.2	23.4	24.0	20.0	Decreased, 1999-2013	No quadratic change	Decreased

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

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

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High 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							
QN77: Percentage of students who drank a can, bottle, or glass of soda or pop one or more times per day during the past seven days												23.5	22.2	20.9	15.7	Decreased, 2007-2013	Not available [§]	Decreased
QNSODA0: Percentage of students who drank a can, bottle, or glass of soda or pop 0 times per day during the past seven days												20.6	22.0	26.1	29.6	Increased, 2007-2013	Not available	Increased
QNSODA2: Percentage of students who drank a can, bottle, or glass of soda or pop two or more times per day during the past seven days												15.9	15.8	14.8	10.4	Decreased, 2007-2013	Not available	Decreased
QNSODA3: Percentage of students who drank a can, bottle, or glass of soda or pop three or more times per day during the past seven days												9.7	9.9	9.0	6.2	Decreased, 2007-2013	Not available	Decreased

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

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

§Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High School Survey Trend Analysis Report

Total 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			
QN80: 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														
						27.1	39.2	35.0	39.0	36.6		Increased, 2005-2013	Not available [§]	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														
						33.9	18.1	21.2	18.4	18.8		Decreased, 2005-2013	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														
						14.7	21.1	18.3	20.3	18.7		Increased, 2005-2013	Not available	No change
QN81: Percentage of students who watched three or more hours per day of TV on an average school day														
			59.3	59.0	59.1	54.6	48.4	43.3	38.0	31.3		Decreased, 1999-2013	Decreased, 1999-2005 Decreased, 2005-2013	Decreased
QN82: 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														
						35.4	42.5	43.9	41.7			Increased, 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 York City High School Survey Trend Analysis Report

Total 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			
QN83: Percentage of students who attended physical education (PE) classes on one or more days in an average week when they were in school														
			84.4	87.7	85.6	88.0	85.8	78.9	81.1	79.5	85.0	No linear change	No quadratic change	No change
QNDLYPE: Percentage of students who attended physical education (PE) classes daily in an average week when they were in school														
			44.4	57.8	45.6	48.9	43.0	42.3	39.5	41.3	40.9	Decreased, 1997-2013	No quadratic change	No change

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

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

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High School Survey
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			
	QN86: Percentage of students who had ever been told by a doctor or nurse that they had asthma													
							20.5	22.1	22.2	23.0	25.4	Increased, 2005-2013	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 York City High 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
QN87: Percentage of students who live outside of Manhattan borough of New York															
								89.2	89.9	89.5	91.8	No linear change	Not available [§]	No change	
QN89: Percentage of students in whose home the people most of the time or always speak a language other than English															
								47.1	43.9	47.2	46.5	49.2	No linear change	Not available	No change
QN90: Percentage of students who did something to purposely hurt themselves without wanting to die, such as cutting or burning themselves on purpose, one or more times during the past 12 months															
										17.7	14.6	Decreased, 2011-2013	Not available	Decreased	
QN92: Percentage of students who tried cigarette smoking for the first time during the past 12 months															
										12.3	11.5	No linear change	Not available	No change	
QN93: Percentage of students who usually got their own cigarettes by buying them in a store such as a convenience store, supermarket, or gas station during the past 30 days															
								3.2	3.2	3.0	3.6	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 York City High 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
QN96: Among students who drank alcohol during the past 30 days and who have a usual type of alcohol that they drink, the percentage who reported liquor, such as vodka, rum, scotch, bourbon, or whisky, as their type of alcohol they usually drank during the past 30 days															
											49.8	45.8	Decreased, 2011-2013	Not available [§]	Decreased
QN97: Percentage of students who have taken a prescription pain medication, such as Oxycontin, Percocet, Vicodin, Hydrocodone, or Oxycodone, without a doctor's prescription one or more times during the past 12 months															
											7.3	7.3	No linear change	Not available	No change
QN98: Percentage of students who have taken other prescription drugs, such as Xanax, Adderall, or Ritalin, without a doctor's prescription one or more times during the past 12 months															
											4.8	6.4	Increased, 2011-2013	Not available	Increased
QN99: Among students who have had sexual intercourse and who have had sexual intercourse during the past three months, the percentage who always used a condom when they had sexual intercourse during the past three months															
											49.8	51.7	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 York City High 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			
QN103: Percentage of students who have ever been taught a class by a teacher about birth control methods such as the Pill, the ring, IUDs, birth control shots, patches, or condoms														
										60.1	63.6	No linear change	Not available [§]	No change
QN104: Percentage of students who have been pregnant or gotten someone pregnant one or more times														
									4.5	5.9	2.2	Decreased, 2009-2013	Not available	Decreased
QN105: Percentage of students who have had sexual contact with males and females during their life														
							3.7	3.9	4.5	5.0	4.6	No linear change	Not available	No change
QN106: Percentage of students who describe themselves as gay or lesbian or bisexual														
							4.7	4.9	7.9	10.0	10.0	Increased, 2005-2013	Not available	No change
QN107: Percentage of students who ate vegetables such as green salad, carrots, green beans, or other vegetables one or more times per day during the past seven days														
								28.5	31.6	32.1	28.2	No linear change	Not available	Decreased

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

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

§Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High 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			
QN110: Percentage of students who usually drink 1% or low-fat milk or skim or non-fat milk								16.6	16.4	18.5	17.2	No linear change	Not available [§]	No change
QN111: Percentage of students who usually walk or bike all the way to school in an average week when they are in school										20.0	17.2	No linear change	Not available	No change
QN112: Percentage of students who usually walk or bike more than 20 minutes all the way to school										13.1	12.9	No linear change	Not available	No change
QN114: Percentage of students who walk or bike 10 or more minutes to a bus stop or subway station to get to school										23.4	27.3	Increased, 2011-2013	Not available	Increased
QN115: Percentage of students who have ridden a bicycle in one of the five boroughs of New York City at least a few times a year during the past 12 months										49.8	48.2	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 York City High 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			
QN116: Percentage of students who did exercises to strengthen or tone their muscles, such as push-ups, sit-ups, or weight lifting, on three or more of the past seven days														
										49.7	48.4	No linear change	Not available [§]	No change
QN118: Percentage of students who walk up at least three floors of stairs outside of school on an average day														
										75.3	76.6	No linear change	Not available	No change
QN119: Percentage of students who had ever been tested for HIV, the virus that causes AIDS														
									17.6	19.6	20.3	Increased, 2009-2013	Not available	No change
QN120: Percentage of students who have had an episode of asthma or an asthma attack during the past 12 months														
								12.8	13.2	14.2	16.3	Increased, 2007-2013	Not available	Increased
QN125: Percentage of students who have ever used the school-based health center (school clinic) at their school														
DATA NOT DISPLAYED. Please send an e-mail to epidatarequest@health.nyc.gov with requests for data related to school-based health centers.														

*Based on trend analyses using a logistic regression model controlling 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 York City High 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
QN126: Percentage of students who go to bodegas, delis, or drugstores two or more times per week															
											51.6	50.4	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 York City High 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			
QN8: Among students who rode a bicycle during the past 12 months, the percentage who never or rarely wore a bicycle helmet												No linear change	No quadratic change	No change
			91.5	87.2	87.2	90.4	91.8	89.8	91.2	89.0	86.9			
QN13: Percentage of students who carried a weapon such as a gun, knife, or club on one or more of the past 30 days												Decreased, 1997-2013	No change, 1997-2005 Decreased, 2005-2013	No change
			25.6	25.7	26.0	23.0	23.5	16.8	15.3	12.5	11.2			
QN14: Percentage of students who carried a gun on one or more of the past 30 days												Decreased, 1997-2013	No quadratic change	No change
			6.9	5.2	6.1	6.7	6.6	5.5	4.9	3.8	3.8			
QN15: Percentage of students who carried a weapon such as a gun, knife, or club on school property on one or more of the past 30 days												Decreased, 1997-2013	No quadratic change	No change
			13.2	11.4	11.8	9.2	9.8	6.4	5.2	5.3	4.3			
QN16: Percentage of students who did not go to school on one or more of the past 30 days because they felt they would be unsafe at school or on their way to or from school												Decreased, 1997-2013	No quadratic change	No change
			9.7	9.3	10.2	10.0	9.0	7.4	7.9	8.5	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, $p < 0.05$.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High School Survey Trend Analysis Report

Male 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			
QN17: Percentage of students who had been threatened or injured with a weapon such as a gun, knife, or club on school property one or more times during the past 12 months														
			10.1	13.5	12.5	11.9	10.9	9.1	9.7	8.3	8.8	Decreased, 1997-2013	No quadratic change	No change
QN18: Percentage of students who were in a physical fight one or more times during the past 12 months														
			43.3	45.1	47.7	45.1	41.4	39.8	37.9	33.1	31.0	Decreased, 1997-2013	No change, 1997-2001 Decreased, 2001-2013	No change
QN24: Percentage of students who had ever been bullied on school property during the past 12 months														
									11.1	11.5	12.4	No linear change	Not available [§]	No change
QN25: Percentage of students who had ever been electronically bullied during the past 12 months														
									8.9	8.8		No linear change	Not available	No change
QN26: Percentage of students who felt so sad or hopeless almost every day for two weeks or more in a row that they stopped doing some usual activities during the past 12 months														
			25.8	24.8	24.9	24.3	20.6	21.5	20.8	20.9		Decreased, 1999-2013	No quadratic change	No change

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

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

§Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High 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			
QN27: Percentage of students who seriously considered attempting suicide during the past 12 months												No linear change	No quadratic change	Increased
10.9	10.9	10.7	9.3	10.3	7.7	10.2	8.1	10.0						
QN29: Percentage of students who actually attempted suicide one or more times during the past 12 months												Increased, 1997-2013	No quadratic change	No change
4.6	3.5	4.4	5.1	7.3	5.4	9.0	7.0	6.6						
QN30: Percentage of students who made a suicide attempt during the past 12 months that resulted in an injury, poisoning, or overdose that had to be treated by a doctor or nurse												Increased, 1997-2013	No quadratic change	No change
1.3	2.0	1.4	1.5	3.3	1.9	3.4	1.9	2.2						

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

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

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High 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			
QN31: Percentage of students who ever tried cigarette smoking, even one or two puffs												Decreased, 1997-2013	Decreased, 1997-2007 Decreased, 2007-2013	No change
			56.1	60.7	53.7	46.9	46.4	43.4	35.6	28.9	27.6			
QN33: Percentage of students who smoked cigarettes on one or more of the past 30 days												Decreased, 1997-2013	Decreased, 1997-2007 No change, 2007-2013	No change
			22.8	22.6	16.4	13.4	10.5	8.3	9.0	9.0	9.2			
QNFRCIG: Percentage of students who smoked cigarettes on 20 or more of the past 30 days												Decreased, 1997-2013	No quadratic change	No change
			10.8	8.7	7.8	5.3	4.2	2.8	2.7	3.3	2.9			
QN34: Among students who reported current cigarette use, the percentage who smoked more than 10 cigarettes per day on the days they smoked during the past 30 days												No linear change	No quadratic change	No change
			14.0	8.9	17.6	7.7	10.8	10.1	11.2	12.1	8.3			
QN39: Percentage of students who used chewing tobacco, snuff, or dip on one or more of the past 30 days												Increased, 1997-2013	No quadratic change	No change
			2.6	1.9	1.4	2.0	4.6	3.2	5.0	4.3	5.5			

*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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High School Survey Trend Analysis Report

Male														
Alcohol and Other Drug 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			
QN43: Percentage of students who had at least one drink of alcohol on one or more of the past 30 days														
			42.1	40.5	41.7	34.6	35.8	32.5	30.5	28.3	22.7	Decreased, 1997-2013	Decreased, 1997-2009 Decreased, 2009-2013	Decreased
QN44: Percentage of students who had five or more drinks of alcohol in a row, that is, within a couple of hours, on one or more of the past 30 days														
			22.6	19.1	19.3	16.6	14.6	14.9	14.6	12.5	11.0	Decreased, 1997-2013	No quadratic change	No change
QN46: Among students who reported current alcohol use, the percentage who usually got the alcohol they drank from someone who gave it to them during the past 30 days														
								23.9	31.8	27.2	27.7	No linear change	Not available [§]	No change
QN48: Percentage of students who tried marijuana for the first time before age 13 years														
			9.1	8.0	8.6	9.1	8.5	7.4	8.8	8.9	10.3	No linear change	No quadratic change	No change
QN49: Percentage of students who used marijuana one or more times during the past 30 days														
			19.4	19.6	19.3	16.4	14.2	14.0	17.4	19.7	17.3	No linear change	No change, 1997-2005 Increased, 2005-2013	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 York City High School Survey Trend Analysis Report

Male														
Alcohol and Other Drug 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			
QN50: Percentage of students who used any form of cocaine, including powder, crack, or freebase one or more times during their life												Increased, 1997-2013	No quadratic change	No change
			4.3	3.7	2.5	4.0	4.4	3.9	5.7	4.9	6.2			
QN52: Percentage of students who used heroin one or more times during their life												Increased, 1999-2013	No quadratic change	No change
				1.3	1.2	2.3	2.9	2.0	3.6	3.5	3.9			
QN53: Percentage of students who used methamphetamines one or more times during their life												Increased, 1999-2013	No quadratic change	No change
				2.6	3.1	2.8	3.8	2.8	4.1	3.7	4.7			
QN54: Percentage of students who used ecstasy one or more times during their life												No linear change	Decreased, 2003-2007 Increased, 2007-2013	No change
						5.6	5.0	2.9	5.7	6.2	5.9			
QN57: Percentage of students who used a needle to inject any illegal drug into their body one or more times during their life												Increased, 1997-2013	No quadratic change	No change
				2.0	1.3	1.4	1.8	3.1	2.2	3.4	3.4	3.1		

*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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High School Survey Trend Analysis Report

Male Sexual 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			
QN59: Percentage of students who ever had sexual intercourse														
			47.0	53.2	56.6	55.3	52.3	51.6	45.2	43.9	36.3	Decreased, 1997-2013	No change, 1997-2007 Decreased, 2007-2013	Decreased
QN60: Percentage of students who had sexual intercourse for the first time before age 13 years														
			15.6	15.5	19.5	18.2	17.1	15.5	13.5	10.5	8.9	Decreased, 1997-2013	No change, 1997-2007 Decreased, 2007-2013	No change
QN61: Percentage of students who had sexual intercourse with four or more people during their life														
			22.6	23.9	28.4	26.5	24.0	23.4	21.5	18.2	15.4	Decreased, 1997-2013	No change, 1997-2007 Decreased, 2007-2013	No change
QN62: Percentage of students who had sexual intercourse with one or more people during the past three months														
			30.4	33.9	38.9	37.1	29.5	32.4	30.1	27.8	22.7	Decreased, 1997-2013	No change, 1997-2001 Decreased, 2001-2013	Decreased
QN63: Among students who had sexual intercourse during the past three months, the percentage who drank alcohol or used drugs before last sexual intercourse														
			26.9	20.3	23.4	20.6	21.8	17.0	22.7	23.2	22.1	No linear change	No change, 1997-2003 No change, 2003-2013	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, $p < 0.05$.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High 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			
QN64: Among students who had sexual intercourse during the past three months, the percentage who used a condom during last sexual intercourse												No linear change	Increased, 1997-2003 Decreased, 2003-2013	No change
			78.4	72.5	78.3	83.8	77.3	78.3	77.3	70.8	73.3			
QN65: Among students who had sexual intercourse during the past three months, the percentage who used birth control pills to prevent pregnancy before last sexual intercourse												No linear change	Decreased, 1997-2003 Increased, 2003-2013	No change
			6.7	6.8	4.4	3.4	8.9	4.8	6.7	8.4	8.7			
QNOTHH: Among students who had sexual intercourse during the past three months, the percentage who used an IUD or implant or a shot, patch, or birth control ring to prevent pregnancy before last sexual intercourse												Increased, 2011-2013	Not available [§]	No change
										1.7	4.4			
QNOTHHPL: Among students who had sexual intercourse during the past three months, the percentage who used birth control pills, an IUD or implant, or a shot, patch, or birth control ring to prevent pregnancy before last sexual intercourse												No linear change	Not available	No change
										10.1	13.1			

*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 York City High 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			
QNDUALBC: Among students who had sexual intercourse during the past three months, the percentage who used both a condom during last sexual intercourse and birth control pills, an IUD or implant, or a shot, patch, or birth control ring to prevent pregnancy before last sexual intercourse														
										3.5	6.2	Increased, 2011-2013	Not available [§]	No change
QNBCNONE: Among students who had sexual intercourse during the past three months, the percentage who used no method of birth control to prevent pregnancy before last sexual intercourse														
			8.6	12.6	9.9	7.8	11.2	12.2	11.1	14.0	17.1	Increased, 1997-2013	No quadratic change	No change

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

†Based on t-test analysis, p < 0.05.

§Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High School Survey Trend Analysis Report

Male														
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			
QNOWT: Percentage of students who were overweight (i.e., at or above the 85th percentile but below the 95th percentile for body mass index, by age and sex) [§]														
				16.4	14.5	16.5	16.8	14.7	16.1	14.6	16.4	No linear change	No quadratic change	No change
QNOBESE: Percentage of students who were obese (i.e., at or above the 95th percentile for body mass index, by age and sex) [§]														
				12.6	14.5	17.1	13.8	13.4	12.9	14.1	13.2	No linear change	No quadratic change	No change
QN66: Percentage of students who described themselves as slightly or very overweight														
			21.0	21.8	20.7	24.3	24.0	21.9	20.9	24.2	26.3	Increased, 1997-2013	No quadratic change	No change
QN67: Percentage of students who were trying to lose weight														
			25.8	26.2	26.2	32.6	34.2	31.7	34.2	35.9	36.4	Increased, 1997-2013	Increased, 1997-2003 Increased, 2003-2013	No change
QN71: Percentage of students who drank 100% fruit juices one or more times during the past seven days														
			87.0	87.6	85.0	81.9	82.3	80.4	78.6	75.7		Decreased, 1999-2013	No quadratic change	Decreased

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

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

§Overweight and obese prevalence estimates for 1999 differ slightly from previously published results because different BMI cut points were used in 1999 than in subsequent years. To make these prevalence estimates comparable, the 1999 prevalence estimates were recalculated using the updated BMI cut points.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High 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			
QN72: Percentage of students who ate fruit one or more times during the past seven days														
				83.2	79.7	79.8	78.1	82.5	80.5	79.8	80.0	No linear change	No quadratic change	No change
QNFRUIT: Percentage of students who ate fruits or drank 100% fruit juices two or more times per day during the past seven days														
				38.1	41.4	41.8	35.1	33.5	37.7	35.3	32.6	Decreased, 1999-2013	No quadratic change	No change
QNFR0: Percentage of students who ate fruits or drank 100% fruit juices 0 times per day during the past seven days														
				5.7	5.3	6.5	7.5	6.4	7.5	8.4	8.3	Increased, 1999-2013	No quadratic change	No change
QNFR1: Percentage of students who ate fruits or drank 100% fruit juices one or more times per day during the past seven days														
				67.0	65.2	66.0	61.6	61.9	63.5	60.4	58.4	Decreased, 1999-2013	No quadratic change	No change
QNFR3: Percentage of students who ate fruits or drank 100% fruit juices three or more times per day during the past seven days														
				27.3	31.6	32.0	25.2	24.1	26.4	26.3	22.5	Decreased, 1999-2013	No quadratic change	Decreased

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

†Based on t-test analysis, p < 0.05.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High School Survey Trend Analysis Report

Male														
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			
QN77: Percentage of students who drank a can, bottle, or glass of soda or pop one or more times per day during the past seven days												Decreased, 2007-2013	Not available [§]	Decreased
						25.4		23.3		23.5	17.0			
QNSODA0: Percentage of students who drank a can, bottle, or glass of soda or pop 0 times per day during the past seven days												Increased, 2007-2013	Not available	No change
						17.5		20.8		25.4	27.7			
QNSODA2: Percentage of students who drank a can, bottle, or glass of soda or pop two or more times per day during the past seven days												Decreased, 2007-2013	Not available	Decreased
						17.0		15.7		16.3	11.0			
QNSODA3: Percentage of students who drank a can, bottle, or glass of soda or pop three or more times per day during the past seven days												Decreased, 2007-2013	Not available	Decreased
						9.9		10.1		9.4	6.6			

*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 York City High 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			
QN80: 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														
							33.9	46.6	42.2	45.8	42.9	Increased, 2005-2013	Not available [§]	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														
							27.0	14.4	16.0	16.6	15.8	Decreased, 2005-2013	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														
							21.2	27.3	24.2	26.4	24.3	No linear change	Not available	No change
QN81: Percentage of students who watched three or more hours per day of TV on an average school day														
			64.6	63.0	61.3	55.7	49.2	44.4	36.4	29.3		Decreased, 1999-2013	Decreased, 1999-2009 Decreased, 2009-2013	Decreased
QN82: 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														
							37.6	43.3	44.2	43.0		Increased, 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 York City High 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			
QN83: Percentage of students who attended physical education (PE) classes on one or more days in an average week when they were in school														
			86.1	88.5	86.2	88.0	85.5	80.2	81.1	76.3	83.0	Decreased, 1997-2013	No quadratic change	No change
QNDLYPE: Percentage of students who attended physical education (PE) classes daily in an average week when they were in school														
			46.3	59.7	43.4	48.6	42.2	43.8	39.8	40.1	39.8	Decreased, 1997-2013	No quadratic change	No change

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

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

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High 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			
	QN86: Percentage of students who had ever been told by a doctor or nurse that they had asthma													
							21.9	22.6	23.6	25.3	26.9	Increased, 2005-2013	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 York City High 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				
QN87: Percentage of students who live outside of Manhattan borough of New York															
								89.0	90.5	90.3	91.7	No linear change	Not available [§]	No change	
QN89: Percentage of students in whose home the people most of the time or always speak a language other than English															
								47.0	42.9	46.0	44.5	46.8	No linear change	Not available	No change
QN90: Percentage of students who did something to purposely hurt themselves without wanting to die, such as cutting or burning themselves on purpose, one or more times during the past 12 months															
										13.2	9.3	Decreased, 2011-2013	Not available	Decreased	
QN92: Percentage of students who tried cigarette smoking for the first time during the past 12 months															
										12.2	11.0	No linear change	Not available	No change	
QN93: Percentage of students who usually got their own cigarettes by buying them in a store such as a convenience store, supermarket, or gas station during the past 30 days															
								3.6	3.7	3.8	4.3	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 York City High 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			
QN96: Among students who drank alcohol during the past 30 days and who have a usual type of alcohol that they drink, the percentage who reported liquor, such as vodka, rum, scotch, bourbon, or whisky, as their type of alcohol they usually drank during the past 30 days														
						47.6	44.6					No linear change	Not available [§]	No change
QN97: Percentage of students who have taken a prescription pain medication, such as Oxycontin, Percocet, Vicodin, Hydrocodone, or Oxycodone, without a doctor's prescription one or more times during the past 12 months														
						7.1	7.3					No linear change	Not available	No change
QN98: Percentage of students who have taken other prescription drugs, such as Xanax, Adderall, or Ritalin, without a doctor's prescription one or more times during the past 12 months														
						5.6	7.8					Increased, 2011-2013	Not available	No change
QN99: Among students who have had sexual intercourse and who have had sexual intercourse during the past three months, the percentage who always used a condom when they had sexual intercourse during the past three months														
						53.8	57.5					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 York City High 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			
QN103: Percentage of students who have ever been taught a class by a teacher about birth control methods such as the Pill, the ring, IUDs, birth control shots, patches, or condoms												No linear change	Not available [§]	No change
QN104: Percentage of students who have been pregnant or gotten someone pregnant one or more times												Decreased, 2009-2013	Not available	Decreased
QN105: Percentage of students who have had sexual contact with males and females during their life												No linear change	Not available	No change
QN106: Percentage of students who describe themselves as gay or lesbian or bisexual												Increased, 2005-2013	Not available	No change
QN107: Percentage of students who ate vegetables such as green salad, carrots, green beans, or other vegetables one or more times per day during the past seven days												No linear change	Not available	Decreased

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

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

§Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High 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				
QN110: Percentage of students who usually drink 1% or low-fat milk or skim or non-fat milk															
								16.2	15.6	17.4	18.0		No linear change	Not available [§]	No change
QN111: Percentage of students who usually walk or bike all the way to school in an average week when they are in school															
										22.5	20.0		No linear change	Not available	No change
QN112: Percentage of students who usually walk or bike more than 20 minutes all the way to school															
										14.6	14.9		No linear change	Not available	No change
QN114: Percentage of students who walk or bike 10 or more minutes to a bus stop or subway station to get to school															
										23.9	27.1		No linear change	Not available	Increased
QN115: Percentage of students who have ridden a bicycle in one of the five boroughs of New York City at least a few times a year during the past 12 months															
										61.2	59.7		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 York City High 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			
QN116: Percentage of students who did exercises to strengthen or tone their muscles, such as push-ups, sit-ups, or weight lifting, on three or more of the past seven days												No linear change	Not available [§]	No change
QN118: Percentage of students who walk up at least three floors of stairs outside of school on an average day												No linear change	Not available	No change
QN119: Percentage of students who had ever been tested for HIV, the virus that causes AIDS												Increased, 2009-2013	Not available	No change
QN120: Percentage of students who have had an episode of asthma or an asthma attack during the past 12 months												No linear change	Not available	No change
QN125: Percentage of students who have ever used the school-based health center (school clinic) at their school												DATA NOT DISPLAYED. Please send an e-mail to epidatarequest@health.nyc.gov with requests for data related to school-based health centers.		

*Based on trend analyses using a logistic regression model controlling 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 York City High 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			
QN126: Percentage of students who go to bodegas, delis, or drugstores two or more times per week														
										51.7	49.7	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 York City High 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			
QN8: Among students who rode a bicycle during the past 12 months, the percentage who never or rarely wore a bicycle helmet												Decreased, 1997-2013	No quadratic change	No change
90.0	87.5	89.0	87.6	88.7	87.3	86.4	86.0	86.3						
QN13: Percentage of students who carried a weapon such as a gun, knife, or club on one or more of the past 30 days												Decreased, 1997-2013	No quadratic change	No change
11.0	12.8	8.0	7.4	9.1	6.8	7.6	5.5	5.1						
QN14: Percentage of students who carried a gun on one or more of the past 30 days												No linear change	No quadratic change	No change
1.5	1.1	1.2	1.0	1.0	0.9	1.3	0.7	1.2						
QN15: Percentage of students who carried a weapon such as a gun, knife, or club on school property on one or more of the past 30 days												Decreased, 1997-2013	No quadratic change	No change
5.6	6.5	3.0	3.1	4.1	2.6	2.5	1.8	1.8						
QN16: Percentage of students who did not go to school on one or more of the past 30 days because they felt they would be unsafe at school or on their way to or from school												No linear change	Increased, 1997-2001 Decreased, 2001-2013	No change
5.5	9.3	11.2	11.0	9.3	7.6	10.2	8.2	7.9						

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

†Based on t-test analysis, p < 0.05.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High 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			
QN17: Percentage of students who had been threatened or injured with a weapon such as a gun, knife, or club on school property one or more times during the past 12 months														
			5.1	7.7	6.4	6.0	5.3	4.5	5.0	4.8	5.0	Decreased, 1997-2013	No quadratic change	No change
QN18: Percentage of students who were in a physical fight one or more times during the past 12 months														
			26.3	33.4	33.6	30.5	30.2	27.6	25.7	23.8	20.8	Decreased, 1997-2013	Increased, 1997-2001 Decreased, 2001-2013	No change
QN24: Percentage of students who had ever been bullied on school property during the past 12 months														
									11.2	11.8	15.5	Increased, 2009-2013	Not available [§]	Increased
QN25: Percentage of students who had ever been electronically bullied during the past 12 months														
									12.8	12.8		No linear change	Not available	No change
QN26: Percentage of students who felt so sad or hopeless almost every day for two weeks or more in a row that they stopped doing some usual activities during the past 12 months														
			40.3	39.6	39.3	40.3	39.1	34.4	33.0	33.9		Decreased, 1999-2013	No quadratic change	No change

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

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

§Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High 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			
QN27: Percentage of students who seriously considered attempting suicide during the past 12 months												Decreased, 1997-2013	No quadratic change	No change
	22.5	20.2	18.9	17.8	20.0	15.4	16.6	14.9	16.4					
QN29: Percentage of students who actually attempted suicide one or more times during the past 12 months												No linear change	No quadratic change	No change
	10.6	9.4	10.8	11.3	11.8	9.3	10.7	9.4	9.4					
QN30: Percentage of students who made a suicide attempt during the past 12 months that resulted in an injury, poisoning, or overdose that had to be treated by a doctor or nurse												No linear change	No change, 1997-2001 Increased, 2001-2013	No change
	3.5	2.8	1.9	2.2	2.0	2.3	3.4	2.8	2.9					

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

†Based on t-test analysis, p < 0.05.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High 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			
QN31: Percentage of students who ever tried cigarette smoking, even one or two puffs														
			63.5	63.5	62.0	51.7	49.9	43.6	35.1	28.8	25.8	Decreased, 1997-2013	Decreased, 1997-2005 Decreased, 2005-2013	No change
QN33: Percentage of students who smoked cigarettes on one or more of the past 30 days														
			23.9	25.7	18.7	16.2	12.0	8.6	7.9	7.9	7.0	Decreased, 1997-2013	No quadratic change	No change
QNFRCIG: Percentage of students who smoked cigarettes on 20 or more of the past 30 days														
			8.6	8.8	7.3	5.4	3.1	2.6	2.2	1.7	1.6	Decreased, 1997-2013	No quadratic change	No change
QN34: Among students who reported current cigarette use, the percentage who smoked more than 10 cigarettes per day on the days they smoked during the past 30 days														
			11.9	4.8	3.7	4.2	2.4	4.5	5.3	3.6	5.2	Decreased, 1997-2013	No quadratic change	No change
QN39: Percentage of students who used chewing tobacco, snuff, or dip on one or more of the past 30 days														
			0.5	0.7	0.6	1.1	2.1	1.2	2.0	2.1	3.0	Increased, 1997-2013	No quadratic change	No change

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

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

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High School Survey Trend Analysis Report

Female														
Alcohol and Other Drug 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			
QN43: Percentage of students who had at least one drink of alcohol on one or more of the past 30 days														
			37.4	35.1	41.6	36.3	34.8	34.5	33.4	32.6	26.5	Decreased, 1997-2013	No change, 1997-2001 Decreased, 2001-2013	Decreased
QN44: Percentage of students who had five or more drinks of alcohol in a row, that is, within a couple of hours, on one or more of the past 30 days														
			14.4	14.2	16.4	14.9	12.6	14.7	13.4	12.7	10.4	Decreased, 1997-2013	No change, 1997-2007 Decreased, 2007-2013	Decreased
QN46: Among students who reported current alcohol use, the percentage who usually got the alcohol they drank from someone who gave it to them during the past 30 days														
								33.0	34.3	36.4	32.6	No linear change	Not available [§]	No change
QN48: Percentage of students who tried marijuana for the first time before age 13 years														
			5.5	5.2	6.2	5.3	4.5	3.8	4.8	5.2	4.2	Decreased, 1997-2013	No quadratic change	No change
QN49: Percentage of students who used marijuana one or more times during the past 30 days														
			12.0	15.0	16.3	14.2	10.4	11.0	12.9	15.7	14.8	No linear change	No quadratic change	No change

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

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

§Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High School Survey Trend Analysis Report

Female 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			
QN50: Percentage of students who used any form of cocaine, including powder, crack, or freebase one or more times during their life												No linear change	No quadratic change	No change
			2.4	2.9	2.6	2.9	2.8	2.4	3.0	3.0	2.9			
QN52: Percentage of students who used heroin one or more times during their life												Increased, 1999-2013	No quadratic change	No change
				0.7	0.5	1.0	0.7	0.6	1.6	1.6	1.4			
QN53: Percentage of students who used methamphetamines one or more times during their life												Decreased, 1999-2013	Decreased, 1999-2005 No change, 2005-2013	No change
				3.2	2.3	1.9	1.2	0.9	1.8	1.6	1.8			
QN54: Percentage of students who used ecstasy one or more times during their life												No linear change	Decreased, 2003-2007 No change, 2007-2013	No change
						4.4	2.4	2.0	3.2	3.0	3.3			
QN57: Percentage of students who used a needle to inject any illegal drug into their body one or more times during their life												Increased, 1997-2013	No quadratic change	No change
			0.7	0.4	0.8	0.7	1.1	1.1	2.2	1.5	1.6			

*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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High 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			
QN59: Percentage of students who ever had sexual intercourse												Decreased, 1997-2013	No change, 1997-2007 Decreased, 2007-2013	Decreased
			33.4	37.2	45.6	41.1	43.1	41.2	34.5	32.1	26.2			
QN60: Percentage of students who had sexual intercourse for the first time before age 13 years												No linear change	No change, 1997-2009 Decreased, 2009-2013	Decreased
			3.7	2.3	5.5	4.3	4.8	3.8	4.1	3.9	2.3			
QN61: Percentage of students who had sexual intercourse with four or more people during their life												Decreased, 1997-2013	No change, 1997-2009 Decreased, 2009-2013	No change
			7.6	6.6	10.1	8.4	11.5	9.0	8.8	7.1	5.5			
QN62: Percentage of students who had sexual intercourse with one or more people during the past three months												Decreased, 1997-2013	No change, 1997-2007 Decreased, 2007-2013	Decreased
			25.5	27.3	34.5	30.8	29.6	31.0	25.2	22.5	18.1			
QN63: Among students who had sexual intercourse during the past three months, the percentage who drank alcohol or used drugs before last sexual intercourse												Increased, 1997-2013	No quadratic change	No change
			14.6	9.5	10.2	10.1	10.6	10.1	15.1	15.2	14.2			

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

†Based on t-test analysis, p < 0.05.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High 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			
QN64: Among students who had sexual intercourse during the past three months, the percentage who used a condom during last sexual intercourse												No linear change	No quadratic change	No change
			66.4	59.2	63.1	68.5	62.8	65.0	65.1	59.6	61.3			
QN65: Among students who had sexual intercourse during the past three months, the percentage who used birth control pills to prevent pregnancy before last sexual intercourse												No linear change	No quadratic change	No change
			6.2	9.7	9.8	7.7	6.0	7.6	6.8	10.4	10.6			
QNOTHH: Among students who had sexual intercourse during the past three months, the percentage who used an IUD or implant or a shot, patch, or birth control ring to prevent pregnancy before last sexual intercourse												Increased, 2011-2013	Not available [§]	Increased
										5.5	11.0			
QNOTHHPL: Among students who had sexual intercourse during the past three months, the percentage who used birth control pills, an IUD or implant, or a shot, patch, or birth control ring to prevent pregnancy before last sexual intercourse												Increased, 2011-2013	Not available	Increased
										15.9	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 York City High 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			
QNDUALBC: Among students who had sexual intercourse during the past three months, the percentage who used both a condom during last sexual intercourse and birth control pills, an IUD or implant, or a shot, patch, or birth control ring to prevent pregnancy before last sexual intercourse														
										6.2	9.6	No linear change	Not available [§]	No change
QNBCNONE: Among students who had sexual intercourse during the past three months, the percentage who used no method of birth control to prevent pregnancy before last sexual intercourse														
			12.9	15.4	18.1	13.2	22.4	17.8	19.8	14.1	18.3	No linear change	No quadratic change	No change

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

†Based on t-test analysis, p < 0.05.

§Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High School Survey Trend Analysis Report

Female														
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			
QNOWT: Percentage of students who were overweight (i.e., at or above the 85th percentile but below the 95th percentile for body mass index, by age and sex) [§]														
				13.2	15.3	15.2	15.1	17.1	16.1	16.4	16.8	Increased, 1999-2013	No quadratic change	No change
QNOBESE: Percentage of students who were obese (i.e., at or above the 95th percentile for body mass index, by age and sex) [§]														
				5.4	8.4	9.3	8.8	9.1	8.0	9.1	10.3	Increased, 1999-2013	No quadratic change	No change
QN66: Percentage of students who described themselves as slightly or very overweight														
			32.8	34.2	34.5	29.8	34.3	32.3	28.4	31.7	33.8	No linear change	No quadratic change	No change
QN67: Percentage of students who were trying to lose weight														
			53.6	53.7	52.3	52.7	51.0	53.6	51.7	53.6	56.0	No linear change	No quadratic change	No change
QN71: Percentage of students who drank 100% fruit juices one or more times during the past seven days														
				85.0	86.6	83.7	84.7	80.8	80.4	78.4	74.8	Decreased, 1999-2013	No quadratic change	Decreased

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

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

§Overweight and obese prevalence estimates for 1999 differ slightly from previously published results because different BMI cut points were used in 1999 than in subsequent years. To make these prevalence estimates comparable, the 1999 prevalence estimates were recalculated using the updated BMI cut points.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High 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			
QN72: Percentage of students who ate fruit one or more times during the past seven days												No linear change	No quadratic change	No change
				84.6	79.1	81.6	82.8	83.6	82.9	83.9	83.6			
QNFRUIT: Percentage of students who ate fruits or drank 100% fruit juices two or more times per day during the past seven days												Decreased, 1999-2013	No quadratic change	Decreased
				36.8	35.7	36.4	30.6	31.2	32.0	32.8	25.9			
QNFR0: Percentage of students who ate fruits or drank 100% fruit juices 0 times per day during the past seven days												Increased, 1999-2013	No quadratic change	No change
				3.3	5.3	5.1	5.2	5.7	5.4	5.0	6.3			
QNFR1: Percentage of students who ate fruits or drank 100% fruit juices one or more times per day during the past seven days												Decreased, 1999-2013	No quadratic change	Decreased
				63.1	61.6	61.9	58.4	58.1	59.6	57.8	54.2			
QNFR3: Percentage of students who ate fruits or drank 100% fruit juices three or more times per day during the past seven days												Decreased, 1999-2013	No quadratic change	Decreased
				27.7	25.4	27.8	21.5	22.2	21.0	21.9	17.5			

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

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

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High 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			
QN77: Percentage of students who drank a can, bottle, or glass of soda or pop one or more times per day during the past seven days												Decreased, 2007-2013	Not available [§]	Decreased
								21.8	21.2	18.5	14.3			
QNSODA0: Percentage of students who drank a can, bottle, or glass of soda or pop 0 times per day during the past seven days												Increased, 2007-2013	Not available	Increased
								23.3	23.1	26.7	31.2			
QNSODA2: Percentage of students who drank a can, bottle, or glass of soda or pop two or more times per day during the past seven days												Decreased, 2007-2013	Not available	Decreased
								15.0	15.9	13.4	9.8			
QNSODA3: Percentage of students who drank a can, bottle, or glass of soda or pop three or more times per day during the past seven days												Decreased, 2007-2013	Not available	Decreased
								9.4	9.8	8.7	5.8			

*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 York City High School Survey Trend Analysis Report

Female 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			
QN80: 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														
							20.5	32.8	29.1	33.0	30.6	Increased, 2005-2013	Not available [§]	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														
							40.5	21.3	25.5	20.1	21.6	Decreased, 2005-2013	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														
							8.2	15.7	13.4	15.0	13.5	Increased, 2005-2013	Not available	No change
QN81: Percentage of students who watched three or more hours per day of TV on an average school day														
			54.1	55.4	57.1	53.3	47.7	42.4	39.5	33.3		Decreased, 1999-2013	No change, 1999-2005 Decreased, 2005-2013	Decreased
QN82: 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														
							33.4	41.8	43.8	40.8		Increased, 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 York City High School Survey Trend Analysis Report

Female 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			
QN83: Percentage of students who attended physical education (PE) classes on one or more days in an average week when they were in school														
			82.8	86.9	85.3	88.0	86.0	77.9	81.2	82.3	87.1	No linear change	No quadratic change	No change
QNDLYPE: Percentage of students who attended physical education (PE) classes daily in an average week when they were in school														
			42.5	55.8	48.0	49.2	43.4	40.9	39.2	42.7	42.1	No linear change	No quadratic change	No change

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

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

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High 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			
	QN86: Percentage of students who had ever been told by a doctor or nurse that they had asthma													
							19.3	21.9	21.1	20.9	23.7	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 York City High School Survey Trend Analysis Report

Female 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			
QN87: Percentage of students who live outside of Manhattan borough of New York														
								89.5	89.3	88.8	92.1	No linear change	Not available [§]	No change
QN89: Percentage of students in whose home the people most of the time or always speak a language other than English														
						47.3	44.7	48.4	48.4	51.5		No linear change	Not available	No change
QN90: Percentage of students who did something to purposely hurt themselves without wanting to die, such as cutting or burning themselves on purpose, one or more times during the past 12 months														
										22.0	19.8	No linear change	Not available	No change
QN92: Percentage of students who tried cigarette smoking for the first time during the past 12 months														
										12.1	11.6	No linear change	Not available	No change
QN93: Percentage of students who usually got their own cigarettes by buying them in a store such as a convenience store, supermarket, or gas station during the past 30 days														
						2.9	2.7	2.2	2.9			No linear change	Not available	No change

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

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

§Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High School Survey Trend Analysis Report

Female 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			
QN96: Among students who drank alcohol during the past 30 days and who have a usual type of alcohol that they drink, the percentage who reported liquor, such as vodka, rum, scotch, bourbon, or whisky, as their type of alcohol they usually drank during the past 30 days														
										52.1	47.0	No linear change	Not available [§]	No change
QN97: Percentage of students who have taken a prescription pain medication, such as Oxycontin, Percocet, Vicodin, Hydrocodone, or Oxycodone, without a doctor's prescription one or more times during the past 12 months														
										7.1	7.0	No linear change	Not available	No change
QN98: Percentage of students who have taken other prescription drugs, such as Xanax, Adderall, or Ritalin, without a doctor's prescription one or more times during the past 12 months														
										3.7	4.7	No linear change	Not available	No change
QN99: Among students who have had sexual intercourse and who have had sexual intercourse during the past three months, the percentage who always used a condom when they had sexual intercourse during the past three months														
										45.6	44.9	No linear change	Not available	No change

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

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

§Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High School Survey Trend Analysis Report

Female 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			
QN103: Percentage of students who have ever been taught a class by a teacher about birth control methods such as the Pill, the ring, IUDs, birth control shots, patches, or condoms												No linear change	Not available [§]	No change
QN104: Percentage of students who have been pregnant or gotten someone pregnant one or more times												Decreased, 2009-2013	Not available	Decreased
QN105: Percentage of students who have had sexual contact with males and females during their life												Increased, 2005-2013	Not available	No change
QN106: Percentage of students who describe themselves as gay or lesbian or bisexual												Increased, 2005-2013	Not available	No change
QN107: Percentage of students who ate vegetables such as green salad, carrots, green beans, or other vegetables one or more times per day during 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 York City High School Survey Trend Analysis Report

Female 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				
QN110: Percentage of students who usually drink 1% or low-fat milk or skim or non-fat milk															
								17.1	17.0	19.5	16.4		No linear change	Not available [§]	Decreased
QN111: Percentage of students who usually walk or bike all the way to school in an average week when they are in school															
										18.0	14.4		No linear change	Not available	No change
QN112: Percentage of students who usually walk or bike more than 20 minutes all the way to school															
										11.8	11.0		No linear change	Not available	No change
QN114: Percentage of students who walk or bike 10 or more minutes to a bus stop or subway station to get to school															
										22.8	27.2		Increased, 2011-2013	Not available	Increased
QN115: Percentage of students who have ridden a bicycle in one of the five boroughs of New York City at least a few times a year during the past 12 months															
										39.3	36.8		No linear change	Not available	No change

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

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

§Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High School Survey Trend Analysis Report

Female 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			
QN116: Percentage of students who did exercises to strengthen or tone their muscles, such as push-ups, sit-ups, or weight lifting, on three or more of the past seven days												No linear change	Not available [§]	No change
						41.7			39.8					
QN118: Percentage of students who walk up at least three floors of stairs outside of school on an average day												No linear change	Not available	No change
						75.7			76.6					
QN119: Percentage of students who had ever been tested for HIV, the virus that causes AIDS												No linear change	Not available	No change
							17.9		18.6		19.2			
QN120: Percentage of students who have had an episode of asthma or an asthma attack during the past 12 months												Increased, 2007-2013	Not available	No change
							12.6		13.3		14.1		16.0	
QN125: Percentage of students who have ever used the school-based health center (school clinic) at their school												DATA NOT DISPLAYED. Please send an e-mail to epidatarequest@health.nyc.gov with requests for data related to school-based health centers.		

*Based on trend analyses using a logistic regression model controlling 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 York City High School Survey
Trend Analysis Report

Female 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			
QN126: Percentage of students who go to bodegas, delis, or drugstores two or more times per week														
										51.5	51.0	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 York City High School Survey

Trend Analysis Report

White*												Linear Change[†]	Quadratic Change[†]	Change from 2011-2013[§]
Injury and Violence														
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN8: Among students who rode a bicycle during the past 12 months, the percentage who never or rarely wore a bicycle helmet														
			88.7	86.1	82.2	83.0	88.7	82.1	83.2	79.0	78.3	Decreased, 1997-2013	No quadratic change	No change
QN13: Percentage of students who carried a weapon such as a gun, knife, or club on one or more of the past 30 days														
			16.0	15.8	14.4	12.1	14.6	9.7	8.4	8.0	8.0	Decreased, 1997-2013	No quadratic change	No change
QN14: Percentage of students who carried a gun on one or more of the past 30 days														
			1.7	2.2	2.2	2.4	3.1	2.6	1.4	1.0	2.3	No linear change	No quadratic change	No change
QN15: Percentage of students who carried a weapon such as a gun, knife, or club on school property on one or more of the past 30 days														
			8.7	6.5	7.9	5.7	5.9	3.3	1.7	2.3	2.5	Decreased, 1997-2013	No quadratic change	No change
QN16: Percentage of students who did not go to school on one or more of the past 30 days because they felt they would be unsafe at school or on their way to or from school														
			4.1	7.6	14.4	9.3	5.6	5.9	3.5	4.4	5.1	No linear change	Increased, 1997-2001 Decreased, 2001-2013	No change

*Non-Hispanic.

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

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

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High School Survey
Trend Analysis Report

White*												Linear Change [†]	Quadratic Change [‡]	Change from 2011-2013 [§]
Injury and Violence														
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN17: Percentage of students who had been threatened or injured with a weapon such as a gun, knife, or club on school property one or more times during the past 12 months														
			5.1	12.5	8.4	10.1	7.7	6.7	5.2	4.6	4.7	Decreased, 1997-2013	Increased, 1997-2001 Decreased, 2001-2013	No change
QN18: Percentage of students who were in a physical fight one or more times during the past 12 months														
			34.2	43.8	44.4	36.7	35.9	27.3	27.4	21.5	21.7	Decreased, 1997-2013	Increased, 1997-2001 Decreased, 2001-2013	No change
QN24: Percentage of students who had ever been bullied on school property during the past 12 months														
									11.4	12.7	16.0	Increased, 2009-2013	Not available [¶]	No change
QN25: Percentage of students who had ever been electronically bullied during the past 12 months														
										13.4	13.7	No linear change	Not available	No change
QN26: Percentage of students who felt so sad or hopeless almost every day for two weeks or more in a row that they stopped doing some usual activities during the past 12 months														
				28.4	32.0	31.1	24.9	26.3	27.1	25.6	22.3	Decreased, 1999-2013	No quadratic change	No change

*Non-Hispanic.

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

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

[¶]Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High School Survey Trend Analysis Report

White*												Linear Change[†]	Quadratic Change[†]	Change from 2011-2013[§]
Injury and Violence														
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN27: Percentage of students who seriously considered attempting suicide during the past 12 months														
			17.2	17.5	12.9	15.4	15.1	9.7	13.6	11.1	11.9	Decreased, 1997-2013	No quadratic change	No change
QN29: Percentage of students who actually attempted suicide one or more times during the past 12 months														
			5.9	4.9	5.6	7.4	7.3	4.0	5.5	4.7	4.8	No linear change	No quadratic change	No change
QN30: Percentage of students who made a suicide attempt during the past 12 months that resulted in an injury, poisoning, or overdose that had to be treated by a doctor or nurse														
			1.1	1.9	1.4	1.3	2.7	1.1	1.5	1.8	1.5	No linear change	No quadratic change	No change

*Non-Hispanic.

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

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

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High School Survey
Trend Analysis Report

White*												Linear Change [†]	Quadratic Change [†]	Change from 2011-2013 [§]
Tobacco Use														
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN31: Percentage of students who ever tried cigarette smoking, even one or two puffs														
			64.9	72.1	64.6	59.7	58.0	56.3	44.3	41.1	35.8	Decreased, 1997-2013	Decreased, 1997-2007 Decreased, 2007-2013	No change
QN33: Percentage of students who smoked cigarettes on one or more of the past 30 days														
			35.8	36.7	32.1	27.3	29.3	21.8	15.3	16.9	15.2	Decreased, 1997-2013	No quadratic change	No change
QNFRDIG: Percentage of students who smoked cigarettes on 20 or more of the past 30 days														
			18.7	17.7	21.0	13.4	15.6	8.0	6.3	7.4	5.2	Decreased, 1997-2013	No quadratic change	No change
QN34: Among students who reported current cigarette use, the percentage who smoked more than 10 cigarettes per day on the days they smoked during the past 30 days														
						8.4	11.9	7.1	5.2	12.1	4.6	No linear change	No quadratic change	Decreased
QN39: Percentage of students who used chewing tobacco, snuff, or dip on one or more of the past 30 days														
			2.6	2.2	1.4	2.1	4.1	2.8	2.6	2.4	4.3	No linear change	No quadratic change	Increased

*Non-Hispanic.

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

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

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High School Survey Trend Analysis Report

White*												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			
QN43: Percentage of students who had at least one drink of alcohol on one or more of the past 30 days														
		53.6	55.1	59.9	51.1	52.3	49.8	42.1	40.2	31.8		Decreased, 1997-2013	Decreased, 1997-2007 Decreased, 2007-2013	Decreased
QN44: Percentage of students who had five or more drinks of alcohol in a row, that is, within a couple of hours, on one or more of the past 30 days														
		26.1	26.7	33.8	26.7	27.5	26.6	20.7	18.7	14.1		Decreased, 1997-2013	No change, 1997-2007 Decreased, 2007-2013	No change
QN46: Among students who reported current alcohol use, the percentage who usually got the alcohol they drank from someone who gave it to them during the past 30 days														
								26.0	29.8	29.9	30.9	No linear change	Not available [¶]	No change
QN48: Percentage of students who tried marijuana for the first time before age 13 years														
		6.5	7.5	7.4	6.5	8.1	4.2	4.8	6.0	6.4		No linear change	No quadratic change	No change
QN49: Percentage of students who used marijuana one or more times during the past 30 days														
		20.6	21.6	24.5	19.5	21.3	19.1	16.7	19.8	18.5		No linear change	No quadratic change	No change

*Non-Hispanic.

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

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

[¶]Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High School Survey Trend Analysis Report

White*												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			
QN50: Percentage of students who used any form of cocaine, including powder, crack, or freebase one or more times during their life														
			4.6	7.3	5.2	7.5	9.1	6.1	4.9	4.3	5.9	No linear change	No quadratic change	No change
QN52: Percentage of students who used heroin one or more times during their life														
				2.0	0.3	2.2	3.8	2.1	1.9	1.5	2.9	No linear change	No quadratic change	Increased
QN53: Percentage of students who used methamphetamines one or more times during their life														
				7.3	6.7	5.6	5.4	4.0	2.2	1.8	3.2	Decreased, 1999-2013	No quadratic change	Increased
QN54: Percentage of students who used ecstasy one or more times during their life														
						9.9	10.0	5.1	5.1	5.7	6.1	Decreased, 2003-2013	Decreased, 2003-2009 No change, 2009-2013	No change
QN57: Percentage of students who used a needle to inject any illegal drug into their body one or more times during their life														
			1.3	1.2	1.0	1.8	2.7	2.2	1.7	1.4	2.7	No linear change	No quadratic change	Increased

*Non-Hispanic.

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

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

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High School Survey Trend Analysis Report

White*														
Sexual 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			
QN59: Percentage of students who ever had sexual intercourse												No linear change	Increased, 1997-2005 Decreased, 2005-2013	No change
			25.1	34.3	38.5	35.5	38.8	34.7	27.5	25.9	24.9			
QN60: Percentage of students who had sexual intercourse for the first time before age 13 years												No linear change	No quadratic change	No change
			2.6	3.8	2.4	4.1	4.7	4.8	2.3	2.4	3.5			
QN61: Percentage of students who had sexual intercourse with four or more people during their life												No linear change	Increased, 1997-2001 Decreased, 2001-2013	No change
			5.9	8.7	13.5	8.6	11.9	8.9	7.9	6.8	6.1			
QN62: Percentage of students who had sexual intercourse with one or more people during the past three months												Decreased, 1997-2013	Increased, 1997-2001 Decreased, 2001-2013	No change
			18.8	23.3	30.2	25.1	25.4	22.3	20.7	18.2	18.0			
QN63: Among students who had sexual intercourse during the past three months, the percentage who drank alcohol or used drugs before last sexual intercourse												No linear change	No quadratic change	No change
						22.8	29.3	21.5	28.1	23.4	24.7			

*Non-Hispanic.

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

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

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High School Survey Trend Analysis Report

White* 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			
QN64: Among students who had sexual intercourse during the past three months, the percentage who used a condom during last sexual intercourse														
						74.9	60.9	80.5	74.5	67.4	66.8	No linear change	No quadratic change	No change
QN65: Among students who had sexual intercourse during the past three months, the percentage who used birth control pills to prevent pregnancy before last sexual intercourse														
						7.5	5.9	7.7	9.5	12.7	14.4	Increased, 2003-2013	No quadratic change	No change
QNOTHH: Among students who had sexual intercourse during the past three months, the percentage who used an IUD or implant or a shot, patch, or birth control ring to prevent pregnancy before last sexual intercourse														
										0.4	7.3	Increased, 2011-2013	Not available [¶]	No change
QNOTHHPL: Among students who had sexual intercourse during the past three months, the percentage who used birth control pills, an IUD or implant, or a shot, patch, or birth control ring to prevent pregnancy before last sexual intercourse														
										13.1	21.7	No linear change	Not available	No change

*Non-Hispanic.

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

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

[¶]Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High School Survey
Trend Analysis Report

White*												Linear Change†	Quadratic Change‡	Change from 2011-2013 §
Sexual Behaviors														
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QNDUALBC: Among students who had sexual intercourse during the past three months, the percentage who used both a condom during last sexual intercourse and birth control pills, an IUD or implant, or a shot, patch, or birth control ring to prevent pregnancy before last sexual intercourse														
										5.0	9.2	No linear change	Not available¶	No change
QNBCNONE: Among students who had sexual intercourse during the past three months, the percentage who used no method of birth control to prevent pregnancy before last sexual intercourse														
						5.4	17.3	5.2	10.3	10.5	10.1	No linear change	No quadratic change	No change

*Non-Hispanic.

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

‡Based on t-test analysis, p < 0.05.

¶Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High School Survey Trend Analysis Report

White*												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			
QNOWT: Percentage of students who were overweight (i.e., at or above the 85th percentile but below the 95th percentile for body mass index, by age and sex) [¶]														
				15.0	10.8	15.0	11.8	14.4	9.7	15.0	14.1	No linear change	No quadratic change	No change
QNOBESE: Percentage of students who were obese (i.e., at or above the 95th percentile for body mass index, by age and sex) [¶]														
				8.0	12.4	7.6	9.1	8.2	7.6	8.6	7.4	No linear change	No quadratic change	No change
QN66: Percentage of students who described themselves as slightly or very overweight														
			29.2	31.1	32.8	30.0	26.0	27.4	24.8	27.0	25.2	Decreased, 1997-2013	No quadratic change	No change
QN67: Percentage of students who were trying to lose weight														
			46.2	44.2	44.9	45.9	46.0	46.7	46.4	46.9	47.0	No linear change	No quadratic change	No change
QN71: Percentage of students who drank 100% fruit juices one or more times during the past seven days														
				84.4	84.8	81.7	80.2	77.8	81.5	75.6	70.6	Decreased, 1999-2013	No quadratic change	Decreased

*Non-Hispanic.

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

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

[¶]Overweight and obese prevalence estimates for 1999 differ slightly from previously published results because different BMI cut points were used in 1999 than in subsequent years. To make these prevalence estimates comparable, the 1999 prevalence estimates were recalculated using the updated BMI cut points.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High School Survey Trend Analysis Report

White*														
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			
QN72: Percentage of students who ate fruit one or more times during the past seven days														
				83.5	86.6	89.1	87.2	86.8	89.9	85.5	86.8	No linear change	Increased, 1999-2003 No change, 2003-2013	No change
QNFRUIT: Percentage of students who ate fruits or drank 100% fruit juices two or more times per day during the past seven days														
				33.3	42.7	38.9	29.9	36.3	35.5	34.2	30.1	No linear change	No quadratic change	No change
QNFR0: Percentage of students who ate fruits or drank 100% fruit juices 0 times per day during the past seven days														
				6.0	7.9	4.3	4.7	5.7	4.5	6.0	7.3	No linear change	No quadratic change	No change
QNFR1: Percentage of students who ate fruits or drank 100% fruit juices one or more times per day during the past seven days														
				65.3	66.4	67.4	59.2	62.1	67.9	61.2	58.2	No linear change	No quadratic change	No change
QNFR3: Percentage of students who ate fruits or drank 100% fruit juices three or more times per day during the past seven days														
				24.3	29.8	25.0	19.6	25.4	22.9	21.9	16.7	Decreased, 1999-2013	No quadratic change	Decreased

*Non-Hispanic.

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

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

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High School Survey Trend Analysis Report

White*														
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			
QN77: Percentage of students who drank a can, bottle, or glass of soda or pop one or more times per day during the past seven days														
								24.6	18.4	18.8	14.8	Decreased, 2007-2013	Not available [¶]	No change
QNSODA0: Percentage of students who drank a can, bottle, or glass of soda or pop 0 times per day during the past seven days														
								27.3	28.4	33.4	37.2	Increased, 2007-2013	Not available	No change
QNSODA2: Percentage of students who drank a can, bottle, or glass of soda or pop two or more times per day during the past seven days														
								16.0	12.7	12.8	8.2	Decreased, 2007-2013	Not available	Decreased
QNSODA3: Percentage of students who drank a can, bottle, or glass of soda or pop three or more times per day during the past seven days														
								10.5	7.3	6.7	4.7	Decreased, 2007-2013	Not available	No change

*Non-Hispanic.

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

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

[¶]Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High School Survey
Trend Analysis Report

White*														
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			
QN80: 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														
							30.4	45.5	38.9	44.3	43.5	Increased, 2005-2013	Not available [¶]	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														
							27.7	14.0	15.5	12.8	14.6	Decreased, 2005-2013	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														
							14.2	26.9	20.7	24.3	22.4	No linear change	Not available	No change
QN81: Percentage of students who watched three or more hours per day of TV on an average school day														
			45.4	40.6	43.7	38.7	31.8	28.3	26.2	21.4		Decreased, 1999-2013	No quadratic change	No change
QN82: 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														
							36.0	38.0	36.5	37.0		No linear change	Not available	No change

*Non-Hispanic.

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

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

[¶]Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High School Survey
Trend Analysis Report

White*												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			
QN83: Percentage of students who attended physical education (PE) classes on one or more days in an average week when they were in school														
			87.4	87.9	88.5	87.2	88.9	85.4	78.9	77.3	82.6	Decreased, 1997-2013	No quadratic change	No change
QNDLYPE: Percentage of students who attended physical education (PE) classes daily in an average week when they were in school														
			34.7	65.4	48.1	44.5	41.5	46.0	43.6	40.9	44.3	No linear change	No quadratic change	No change

*Non-Hispanic.

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

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

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High School Survey
Trend Analysis Report

White* 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			
	QN86: Percentage of students who had ever been told by a doctor or nurse that they had asthma											No linear change	Not available¶	Increased

*Non-Hispanic.

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

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

¶Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High School Survey Trend Analysis Report

White* 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				
QN87: Percentage of students who live outside of Manhattan borough of New York															
								90.8	90.0	87.2	90.3	No linear change	Not available [¶]	No change	
QN89: Percentage of students in whose home the people most of the time or always speak a language other than English															
								35.2	38.2	40.0	40.0	40.0	No linear change	Not available	No change
QN90: Percentage of students who did something to purposely hurt themselves without wanting to die, such as cutting or burning themselves on purpose, one or more times during the past 12 months															
										17.2	14.5	No linear change	Not available	No change	
QN92: Percentage of students who tried cigarette smoking for the first time during the past 12 months															
										14.7	14.1	No linear change	Not available	No change	
QN93: Percentage of students who usually got their own cigarettes by buying them in a store such as a convenience store, supermarket, or gas station during the past 30 days															
								7.7	6.5	5.8	6.1	No linear change	Not available	No change	

*Non-Hispanic.

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

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

[¶]Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High School Survey Trend Analysis Report

White* 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					
QN96: Among students who drank alcohol during the past 30 days and who have a usual type of alcohol that they drink, the percentage who reported liquor, such as vodka, rum, scotch, bourbon, or whisky, as their type of alcohol they usually drank during the past 30 days												45.3	42.8	No linear change	Not available [¶]	No change
QN97: Percentage of students who have taken a prescription pain medication, such as Oxycontin, Percocet, Vicodin, Hydrocodone, or Oxycodone, without a doctor's prescription one or more times during the past 12 months												9.4	7.0	No linear change	Not available	No change
QN98: Percentage of students who have taken other prescription drugs, such as Xanax, Adderall, or Ritalin, without a doctor's prescription one or more times during the past 12 months												8.1	8.3	No linear change	Not available	No change
QN99: Among students who have had sexual intercourse and who have had sexual intercourse during the past three months, the percentage who always used a condom when they had sexual intercourse during the past three months												50.0	49.6	No linear change	Not available	No change

*Non-Hispanic.

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

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

[¶]Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High School Survey Trend Analysis Report

White* 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			
QN103: Percentage of students who have ever been taught a class by a teacher about birth control methods such as the Pill, the ring, IUDs, birth control shots, patches, or condoms														
										59.6	63.1	No linear change	Not available¶	No change
QN104: Percentage of students who have been pregnant or gotten someone pregnant one or more times														
								1.7	3.6	1.4	No linear change	Not available	Decreased	
QN105: Percentage of students who have had sexual contact with males and females during their life														
						5.7	4.2	3.0	3.7	3.5	No linear change	Not available	No change	
QN106: Percentage of students who describe themselves as gay or lesbian or bisexual														
						5.6	2.9	4.9	5.6	6.1	No linear change	Not available	No change	
QN107: Percentage of students who ate vegetables such as green salad, carrots, green beans, or other vegetables one or more times per day during the past seven days														
								37.8	41.8	41.5	37.9	No linear change	Not available	No change

*Non-Hispanic.

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

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

¶Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High School Survey
Trend Analysis Report

White* 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			
QN110: Percentage of students who usually drink 1% or low-fat milk or skim or non-fat milk												No linear change	Not available¶	No change
							26.0	21.9	22.9	20.1				
QN111: Percentage of students who usually walk or bike all the way to school in an average week when they are in school												No linear change	Not available	No change
									21.2	15.8				
QN112: Percentage of students who usually walk or bike more than 20 minutes all the way to school												No linear change	Not available	No change
									10.7	11.1				
QN114: Percentage of students who walk or bike 10 or more minutes to a bus stop or subway station to get to school												Increased, 2011-2013	Not available	Increased
									16.6	22.9				
QN115: Percentage of students who have ridden a bicycle in one of the five boroughs of New York City at least a few times a year during the past 12 months												No linear change	Not available	No change
									57.4	59.3				

*Non-Hispanic.

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

‡Based on t-test analysis, p < 0.05.

¶Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High School Survey Trend Analysis Report

White* 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			
QN116: Percentage of students who did exercises to strengthen or tone their muscles, such as push-ups, sit-ups, or weight lifting, on three or more of the past seven days												No linear change	Not available [¶]	No change
QN118: Percentage of students who walk up at least three floors of stairs outside of school on an average day												No linear change	Not available	No change
QN119: Percentage of students who had ever been tested for HIV, the virus that causes AIDS												Increased, 2009-2013	Not available	No change
QN120: Percentage of students who have had an episode of asthma or an asthma attack during the past 12 months												No linear change	Not available	No change
QN125: Percentage of students who have ever used the school-based health center (school clinic) at their school												DATA NOT DISPLAYED. Please send an e-mail to epidatarequest@health.nyc.gov with requests for data related to school-based health centers.		

*Non-Hispanic.

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

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

[¶]Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High School Survey
Trend Analysis Report

White* 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			
QN126: Percentage of students who go to bodegas, delis, or drugstores two or more times per week														
										52.3	49.8	No linear change	Not available¶	No change

*Non-Hispanic.

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

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

¶Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High School Survey Trend Analysis Report

Black*												Linear Change[†]	Quadratic Change[†]	Change from 2011-2013[§]
Injury and Violence														
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN8: Among students who rode a bicycle during the past 12 months, the percentage who never or rarely wore a bicycle helmet														
			95.2	89.6	89.9	91.9	90.9	92.3	91.1	91.4	90.0	No linear change	No quadratic change	No change
QN13: Percentage of students who carried a weapon such as a gun, knife, or club on one or more of the past 30 days														
			16.7	21.6	19.3	16.2	17.4	12.4	12.1	8.9	7.7	Decreased, 1997-2013	No change, 1997-2005 Decreased, 2005-2013	No change
QN14: Percentage of students who carried a gun on one or more of the past 30 days														
			6.6	4.5	5.6	5.1	3.5	3.8	3.1	2.6	2.9	Decreased, 1997-2013	No quadratic change	No change
QN15: Percentage of students who carried a weapon such as a gun, knife, or club on school property on one or more of the past 30 days														
			8.3	10.3	7.8	6.5	8.2	5.1	3.6	3.2	3.1	Decreased, 1997-2013	No quadratic change	No change
QN16: Percentage of students who did not go to school on one or more of the past 30 days because they felt they would be unsafe at school or on their way to or from school														
			9.1	8.0	7.6	8.8	10.0	5.8	10.6	9.0	8.9	No linear change	No quadratic change	No change

*Non-Hispanic.

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

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

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High School Survey Trend Analysis Report

Black*												Linear Change[†]	Quadratic Change[†]	Change from 2011-2013[§]			
Injury and Violence																	
Health Risk Behavior and Percentages																	
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013						
QN17: Percentage of students who had been threatened or injured with a weapon such as a gun, knife, or club on school property one or more times during the past 12 months												Decreased, 1997-2013	No quadratic change	No change			
8.4	10.2	11.1	9.5	7.6	6.9	7.4	7.3	6.6									
QN18: Percentage of students who were in a physical fight one or more times during the past 12 months												Decreased, 1997-2013	No change, 1997-2007 Decreased, 2007-2013	No change			
38.6	39.7	43.5	41.2	37.9	37.9	36.3	33.1	31.0									
QN24: Percentage of students who had ever been bullied on school property during the past 12 months												Increased, 2009-2013	Not available [¶]	Increased			
									8.8	10.1	12.5						
QN25: Percentage of students who had ever been electronically bullied during the past 12 months												No linear change	Not available	No change			
										10.3	8.9						
QN26: Percentage of students who felt so sad or hopeless almost every day for two weeks or more in a row that they stopped doing some usual activities during the past 12 months												Decreased, 1999-2013	No quadratic change	No change			
				27.0	29.2	30.0	29.7	27.3	25.3	25.5	25.2						

*Non-Hispanic.

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

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

[¶]Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High School Survey Trend Analysis Report

Black*												Linear Change[†]	Quadratic Change[†]	Change from 2011-2013[§]
Injury and Violence														
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN27: Percentage of students who seriously considered attempting suicide during the past 12 months														
		15.5	9.5	13.8	12.5	16.1	10.2	12.4	10.9	11.7		No linear change	No quadratic change	No change
QN29: Percentage of students who actually attempted suicide one or more times during the past 12 months														
		7.7	3.4	6.2	8.2	9.8	6.5	9.9	9.4	7.3		Increased, 1997-2013	No quadratic change	No change
QN30: Percentage of students who made a suicide attempt during the past 12 months that resulted in an injury, poisoning, or overdose that had to be treated by a doctor or nurse														
		2.9	1.9	0.8	2.4	2.7	2.0	3.5	3.0	2.6		No linear change	No quadratic change	No change

*Non-Hispanic.

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

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

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High School Survey Trend Analysis Report

Black* 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			
QN31: Percentage of students who ever tried cigarette smoking, even one or two puffs														
			56.0	60.2	54.9	47.4	50.4	39.5	28.9	21.5	21.0	Decreased, 1997-2013	Decreased, 1997-2005 Decreased, 2005-2013	No change
QN33: Percentage of students who smoked cigarettes on one or more of the past 30 days														
			13.6	16.3	10.8	9.2	7.3	3.0	3.8	4.0	4.0	Decreased, 1997-2013	No quadratic change	No change
QNFRCIG: Percentage of students who smoked cigarettes on 20 or more of the past 30 days														
			4.1	4.2	2.9	2.6	1.4	0.6	0.7	0.9	1.2	Decreased, 1997-2013	No quadratic change	No change
QN39: Percentage of students who used chewing tobacco, snuff, or dip on one or more of the past 30 days														
			0.6	0.7	0.9	0.8	2.9	1.1	2.3	3.0	4.2	Increased, 1997-2013	No quadratic change	No change

*Non-Hispanic.

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

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

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High School Survey
Trend Analysis Report

Black*												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			
QN43: Percentage of students who had at least one drink of alcohol on one or more of the past 30 days														
			32.9	26.0	35.7	29.2	29.0	26.1	28.6	29.1	23.5	Decreased, 1997-2013	No quadratic change	Decreased
QN44: Percentage of students who had five or more drinks of alcohol in a row, that is, within a couple of hours, on one or more of the past 30 days														
			12.4	8.9	9.8	9.3	8.0	8.6	9.8	9.0	8.0	Decreased, 1997-2013	No quadratic change	No change
QN46: Among students who reported current alcohol use, the percentage who usually got the alcohol they drank from someone who gave it to them during the past 30 days														
								25.4	30.6	34.1	28.0	No linear change	Not available [¶]	No change
QN48: Percentage of students who tried marijuana for the first time before age 13 years														
			9.8	7.5	10.4	9.1	7.3	7.3	8.7	7.3	8.0	No linear change	No quadratic change	No change
QN49: Percentage of students who used marijuana one or more times during the past 30 days														
			17.1	19.1	19.4	17.2	13.7	13.3	17.1	18.0	16.8	No linear change	No quadratic change	No change

*Non-Hispanic.

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

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

[¶]Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High School Survey Trend Analysis Report

Black*												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			
QN50: Percentage of students who used any form of cocaine, including powder, crack, or freebase one or more times during their life														
			2.6	1.1	1.0	1.4	2.9	1.7	3.1	2.4	2.5	No linear change	No quadratic change	No change
QN52: Percentage of students who used heroin one or more times during their life														
				0.3	0.6	1.2	1.8	0.8	1.9	2.4	2.2	Increased, 1999-2013	No quadratic change	No change
QN53: Percentage of students who used methamphetamines one or more times during their life														
				0.4	1.1	0.9	2.5	0.7	2.2	2.3	2.5	Increased, 1999-2013	No quadratic change	No change
QN54: Percentage of students who used ecstasy one or more times during their life														
						2.3	2.6	1.7	2.7	3.4	3.3	No linear change	No quadratic change	No change
QN57: Percentage of students who used a needle to inject any illegal drug into their body one or more times during their life														
			1.0	0.6	1.0	0.9	1.8	1.4	2.1	2.0	1.9	Increased, 1997-2013	No quadratic change	No change

*Non-Hispanic.

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

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

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High School Survey Trend Analysis Report

Black*														
Sexual 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			
QN59: Percentage of students who ever had sexual intercourse														
			59.0	60.2	60.2	59.2	59.1	56.6	50.7	45.7	37.4	Decreased, 1997-2013	No change, 1997-2007 Decreased, 2007-2013	Decreased
QN60: Percentage of students who had sexual intercourse for the first time before age 13 years														
			18.3	14.4	19.5	17.3	16.0	13.4	13.2	9.0	7.6	Decreased, 1997-2013	No change, 1997-2009 Decreased, 2009-2013	No change
QN61: Percentage of students who had sexual intercourse with four or more people during their life														
			26.0	22.4	25.0	25.7	24.5	22.6	21.5	17.6	14.3	Decreased, 1997-2013	No change, 1997-2009 Decreased, 2009-2013	No change
QN62: Percentage of students who had sexual intercourse with one or more people during the past three months														
			40.7	42.7	40.8	42.2	35.4	39.4	35.3	30.3	23.7	Decreased, 1997-2013	No change, 1997-2007 Decreased, 2007-2013	Decreased
QN63: Among students who had sexual intercourse during the past three months, the percentage who drank alcohol or used drugs before last sexual intercourse														
			19.9	8.3	11.6	12.8	11.2	12.3	17.3	15.4	17.6	No linear change	Decreased, 1997-2001 Increased, 2001-2013	No change

*Non-Hispanic.

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

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

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High School Survey Trend Analysis Report

Black*												Linear Change [†]	Quadratic Change [†]	Change from 2011-2013 [§]
Sexual Behaviors														
Health Risk Behavior and Percentages														
1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	2013			
QN64: Among students who had sexual intercourse during the past three months, the percentage who used a condom during last sexual intercourse														
			74.7	67.1	78.1	83.3	72.5	76.2	75.8	71.2	72.4	No linear change	Increased, 1997-2003 Decreased, 2003-2013	No change
QN65: Among students who had sexual intercourse during the past three months, the percentage who used birth control pills to prevent pregnancy before last sexual intercourse														
			6.4	9.0	6.2	3.7	11.3	5.5	5.2	6.8	7.7	No linear change	No quadratic change	No change
QNOTHH: Among students who had sexual intercourse during the past three months, the percentage who used an IUD or implant or a shot, patch, or birth control ring to prevent pregnancy before last sexual intercourse														
										3.0	6.9	Increased, 2011-2013	Not available [¶]	Increased
QNOTHHPL: Among students who had sexual intercourse during the past three months, the percentage who used birth control pills, an IUD or implant, or a shot, patch, or birth control ring to prevent pregnancy before last sexual intercourse														
										9.9	14.5	Increased, 2011-2013	Not available	Increased

*Non-Hispanic.

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

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

[¶]Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High School Survey Trend Analysis Report

Black* 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			
QNDUALBC: Among students who had sexual intercourse during the past three months, the percentage who used both a condom during last sexual intercourse and birth control pills, an IUD or implant, or a shot, patch, or birth control ring to prevent pregnancy before last sexual intercourse												No linear change	Not available [¶]	No change
QNBCNONE: Among students who had sexual intercourse during the past three months, the percentage who used no method of birth control to prevent pregnancy before last sexual intercourse												Increased, 1997-2013	No quadratic change	No change

*Non-Hispanic.

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

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

[¶]Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High School Survey Trend Analysis Report

Black*														
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			
QNOWT: Percentage of students who were overweight (i.e., at or above the 85th percentile but below the 95th percentile for body mass index, by age and sex) [¶]														
				16.8	15.2	16.7	16.1	17.3	19.0	16.0	18.5	No linear change	No quadratic change	No change
QNOBESE: Percentage of students who were obese (i.e., at or above the 95th percentile for body mass index, by age and sex) [¶]														
				10.1	11.7	14.9	11.8	12.5	12.6	13.8	14.0	No linear change	No quadratic change	No change
QN66: Percentage of students who described themselves as slightly or very overweight														
			20.7	24.5	23.8	22.2	27.4	24.6	20.5	25.8	27.9	Increased, 1997-2013	No quadratic change	No change
QN67: Percentage of students who were trying to lose weight														
			32.4	36.5	31.7	37.2	37.9	37.6	38.8	40.2	41.7	Increased, 1997-2013	No quadratic change	No change
QN71: Percentage of students who drank 100% fruit juices one or more times during the past seven days														
				87.7	88.8	86.0	82.6	83.2	80.8	80.6	79.6	Decreased, 1999-2013	No quadratic change	No change

*Non-Hispanic.

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

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

[¶]Overweight and obese prevalence estimates for 1999 differ slightly from previously published results because different BMI cut points were used in 1999 than in subsequent years. To make these prevalence estimates comparable, the 1999 prevalence estimates were recalculated using the updated BMI cut points.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High School Survey Trend Analysis Report

Black*														
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			
QN72: Percentage of students who ate fruit one or more times during the past seven days														
				76.2	72.7	74.5	74.9	78.2	75.7	77.4	77.5	Increased, 1999-2013	No quadratic change	No change
QNFRUIT: Percentage of students who ate fruits or drank 100% fruit juices two or more times per day during the past seven days														
				38.2	37.9	40.1	34.5	31.2	33.5	33.3	30.7	Decreased, 1999-2013	No quadratic change	No change
QNFR0: Percentage of students who ate fruits or drank 100% fruit juices 0 times per day during the past seven days														
				5.2	5.1	6.7	8.3	7.2	8.3	8.0	7.1	Increased, 1999-2013	Increased, 1999-2005 No change, 2005-2013	No change
QNFR1: Percentage of students who ate fruits or drank 100% fruit juices one or more times per day during the past seven days														
				58.8	58.4	62.9	58.1	58.8	56.0	56.5	56.3	No linear change	No quadratic change	No change
QNFR3: Percentage of students who ate fruits or drank 100% fruit juices three or more times per day during the past seven days														
				31.6	29.4	33.5	27.0	23.4	25.0	26.4	22.6	Decreased, 1999-2013	No quadratic change	Decreased

*Non-Hispanic.

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

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

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High School Survey Trend Analysis Report

Black*																		
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							
QN77: Percentage of students who drank a can, bottle, or glass of soda or pop one or more times per day during the past seven days												22.7	24.8	22.4	15.7	Decreased, 2007-2013	Not available [¶]	Decreased
QNSODA0: Percentage of students who drank a can, bottle, or glass of soda or pop 0 times per day during the past seven days												22.2	18.3	25.6	27.0	Increased, 2007-2013	Not available	No change
QNSODA2: Percentage of students who drank a can, bottle, or glass of soda or pop two or more times per day during the past seven days												15.1	18.5	14.9	10.9	Decreased, 2007-2013	Not available	Decreased
QNSODA3: Percentage of students who drank a can, bottle, or glass of soda or pop three or more times per day during the past seven days												10.0	11.6	9.6	6.6	Decreased, 2007-2013	Not available	Decreased

*Non-Hispanic.

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

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

[¶]Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High School Survey Trend Analysis Report

Black*														
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			
QN80: 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												Increased, 2005-2013	Not available [¶]	No change
						29.0	38.7	36.3	39.6	37.8				
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, 2005-2013	Not available	No change
						36.9	18.7	22.6	20.2	19.1				
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
						15.5	22.2	19.9	21.0	21.4				
QN81: Percentage of students who watched three or more hours per day of TV on an average school day												Decreased, 1999-2013	Decreased, 1999-2007 Decreased, 2007-2013	Decreased
			73.5	71.7	72.2	65.1	61.5	56.0	49.7	42.2				
QN82: 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, 2007-2013	Not available	Decreased
						33.6	42.8	46.3	40.9					

*Non-Hispanic.

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

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

[¶]Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High School Survey Trend Analysis Report

Black* 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			
QN83: Percentage of students who attended physical education (PE) classes on one or more days in an average week when they were in school														
			81.3	88.5	85.3	89.6	82.7	78.1	82.1	81.3	85.5	No linear change	No quadratic change	No change
QNDLYPE: Percentage of students who attended physical education (PE) classes daily in an average week when they were in school														
			47.8	59.3	44.9	50.6	42.0	40.8	38.9	45.5	41.6	Decreased, 1997-2013	No quadratic change	No change

*Non-Hispanic.

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

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

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High School Survey
Trend Analysis Report

Black* 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			
	QN86: Percentage of students who had ever been told by a doctor or nurse that they had asthma													
							21.5	24.7	24.1	25.1	28.5	Increased, 2005-2013	Not available¶	Increased

*Non-Hispanic.

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

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

¶Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High School Survey Trend Analysis Report

Black* 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				
QN87: Percentage of students who live outside of Manhattan borough of New York															
								92.5	92.2	91.6	94.4		No linear change	Not available [¶]	No change
QN89: Percentage of students in whose home the people most of the time or always speak a language other than English															
							18.6	19.9	29.1	30.0	34.8		Increased, 2005-2013	Not available	Increased
QN90: Percentage of students who did something to purposely hurt themselves without wanting to die, such as cutting or burning themselves on purpose, one or more times during the past 12 months															
										16.4	11.9		Decreased, 2011-2013	Not available	Decreased
QN92: Percentage of students who tried cigarette smoking for the first time during the past 12 months															
										9.8	8.4		No linear change	Not available	No change
QN93: Percentage of students who usually got their own cigarettes by buying them in a store such as a convenience store, supermarket, or gas station during the past 30 days															
							0.7	1.8	1.9	2.6			Increased, 2007-2013	Not available	No change

*Non-Hispanic.

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

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

[¶]Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High School Survey Trend Analysis Report

Black* 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			
QN96: Among students who drank alcohol during the past 30 days and who have a usual type of alcohol that they drink, the percentage who reported liquor, such as vodka, rum, scotch, bourbon, or whisky, as their type of alcohol they usually drank during the past 30 days														
										51.9	45.2	No linear change	Not available [¶]	No change
QN97: Percentage of students who have taken a prescription pain medication, such as Oxycontin, Percocet, Vicodin, Hydrocodone, or Oxycodone, without a doctor's prescription one or more times during the past 12 months														
										5.6	6.7	No linear change	Not available	No change
QN98: Percentage of students who have taken other prescription drugs, such as Xanax, Adderall, or Ritalin, without a doctor's prescription one or more times during the past 12 months														
										3.1	5.4	Increased, 2011-2013	Not available	Increased
QN99: Among students who have had sexual intercourse and who have had sexual intercourse during the past three months, the percentage who always used a condom when they had sexual intercourse during the past three months														
										53.9	60.8	No linear change	Not available	Increased

*Non-Hispanic.

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

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

[¶]Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High School Survey Trend Analysis Report

Black* 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			
QN103: Percentage of students who have ever been taught a class by a teacher about birth control methods such as the Pill, the ring, IUDs, birth control shots, patches, or condoms												No linear change	Not available [¶]	No change
QN104: Percentage of students who have been pregnant or gotten someone pregnant one or more times												Decreased, 2009-2013	Not available	Decreased
QN105: Percentage of students who have had sexual contact with males and females during their life												Increased, 2005-2013	Not available	No change
QN106: Percentage of students who describe themselves as gay or lesbian or bisexual												Increased, 2005-2013	Not available	No change
QN107: Percentage of students who ate vegetables such as green salad, carrots, green beans, or other vegetables one or more times per day during the past seven days												No linear change	Not available	No change

*Non-Hispanic.

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

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

[¶]Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High School Survey Trend Analysis Report

Black* 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			
QN110: Percentage of students who usually drink 1% or low-fat milk or skim or non-fat milk														
								13.4	12.3	14.1	13.8	No linear change	Not available [¶]	No change
QN111: Percentage of students who usually walk or bike all the way to school in an average week when they are in school														
										18.1	14.7	No linear change	Not available	No change
QN112: Percentage of students who usually walk or bike more than 20 minutes all the way to school														
										12.1	11.4	No linear change	Not available	No change
QN114: Percentage of students who walk or bike 10 or more minutes to a bus stop or subway station to get to school														
										24.7	28.5	No linear change	Not available	No change
QN115: Percentage of students who have ridden a bicycle in one of the five boroughs of New York City at least a few times a year during the past 12 months														
										46.7	44.3	No linear change	Not available	No change

*Non-Hispanic.

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

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

[¶]Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High School Survey Trend Analysis Report

Black* 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			
QN116: Percentage of students who did exercises to strengthen or tone their muscles, such as push-ups, sit-ups, or weight lifting, on three or more of the past seven days												No linear change	Not available [¶]	No change
QN118: Percentage of students who walk up at least three floors of stairs outside of school on an average day												Increased, 2011-2013	Not available	Increased
QN119: Percentage of students who had ever been tested for HIV, the virus that causes AIDS												No linear change	Not available	No change
QN120: Percentage of students who have had an episode of asthma or an asthma attack during the past 12 months												Increased, 2007-2013	Not available	No change
QN125: Percentage of students who have ever used the school-based health center (school clinic) at their school												DATA NOT DISPLAYED. Please send an e-mail to epidatarequest@health.nyc.gov with requests for data related to school-based health centers.		

*Non-Hispanic.

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

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

[¶]Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High School Survey
Trend Analysis Report

Black* 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			
QN126: Percentage of students who go to bodegas, delis, or drugstores two or more times per week														
										50.6	53.5	No linear change	Not available¶	No change

*Non-Hispanic.

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

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

¶Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High 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			
QN8: Among students who rode a bicycle during the past 12 months, the percentage who never or rarely wore a bicycle helmet												No linear change	No quadratic change	No change
			89.6	89.7	90.2	90.2	91.2	89.4	91.3	90.0	89.2			
QN13: Percentage of students who carried a weapon such as a gun, knife, or club on one or more of the past 30 days												Decreased, 1997-2013	No quadratic change	No change
			22.3	21.7	17.5	17.3	18.6	14.0	13.5	11.3	9.8			
QN14: Percentage of students who carried a gun on one or more of the past 30 days												No linear change	No quadratic change	No change
			4.4	2.7	3.2	3.8	4.8	3.1	3.7	2.6	2.5			
QN15: Percentage of students who carried a weapon such as a gun, knife, or club on school property on one or more of the past 30 days												Decreased, 1997-2013	No quadratic change	No change
			10.5	9.1	6.5	6.6	7.3	4.7	5.0	4.7	3.5			
QN16: Percentage of students who did not go to school on one or more of the past 30 days because they felt they would be unsafe at school or on their way to or from school												No linear change	No quadratic change	No change
			10.9	13.0	12.5	13.1	9.4	9.5	11.6	11.0	10.1			

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

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

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High 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			
QN27: Percentage of students who seriously considered attempting suicide during the past 12 months														
			15.1	15.2	16.6	13.9	15.2	14.9	15.8	12.1	14.2	No linear change	No quadratic change	Increased
QN29: Percentage of students who actually attempted suicide one or more times during the past 12 months														
			9.7	8.7	10.2	9.8	10.7	11.6	12.4	9.4	10.3	No linear change	No quadratic change	No change
QN30: Percentage of students who made a suicide attempt during the past 12 months that resulted in an injury, poisoning, or overdose that had to be treated by a doctor or nurse														
			3.3	3.9	2.3	2.0	2.3	2.8	4.2	2.4	3.3	No linear change	Decreased, 1997-2003 Increased, 2003-2013	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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High 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			
QN31: Percentage of students who ever tried cigarette smoking, even one or two puffs														
			62.3	63.5	59.7	50.3	48.6	47.5	40.7	33.6	30.4	Decreased, 1997-2013	No quadratic change	No change
QN33: Percentage of students who smoked cigarettes on one or more of the past 30 days														
			22.9	23.4	16.5	15.3	11.4	9.4	11.0	10.3	9.5	Decreased, 1997-2013	Decreased, 1997-2007 No change, 2007-2013	No change
QNFRCIG: Percentage of students who smoked cigarettes on 20 or more of the past 30 days														
			7.2	6.9	4.5	4.1	2.7	2.7	2.4	2.3	2.0	Decreased, 1997-2013	No quadratic change	No change
QN34: Among students who reported current cigarette use, the percentage who smoked more than 10 cigarettes per day on the days they smoked during the past 30 days														
						4.3	2.5	3.8	6.9	8.3	8.2	No linear change	No quadratic change	No change
QN39: Percentage of students who used chewing tobacco, snuff, or dip on one or more of the past 30 days														
			1.1	1.3	0.8	1.8	4.1	2.5	4.6	3.9	4.3	Increased, 1997-2013	No quadratic change	No change

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

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

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High School Survey Trend Analysis Report

Hispanic/Latino Alcohol and Other Drug 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			
QN43: Percentage of students who had at least one drink of alcohol on one or more of the past 30 days														
	40.8	39.0	42.6	38.3	44.0	41.6	39.9	36.0	29.9			Decreased, 1997-2013	No change, 1997-2009 Decreased, 2009-2013	Decreased
QN44: Percentage of students who had five or more drinks of alcohol in a row, that is, within a couple of hours, on one or more of the past 30 days														
	23.5	17.4	20.6	19.0	18.3	19.9	18.7	16.9	14.7			Decreased, 1997-2013	No quadratic change	No change
QN46: Among students who reported current alcohol use, the percentage who usually got the alcohol they drank from someone who gave it to them during the past 30 days														
								30.5	37.1	30.4	31.6	No linear change	Not available [§]	No change
QN48: Percentage of students who tried marijuana for the first time before age 13 years														
	8.9	7.8	6.8	6.8	7.1	5.4	7.4	8.6	8.8			No linear change	No change, 1997-2007 Increased, 2007-2013	No change
QN49: Percentage of students who used marijuana one or more times during the past 30 days														
	15.7	18.5	15.8	13.7	12.7	12.0	17.0	21.2	19.0			No linear change	No change, 1997-2005 Increased, 2005-2013	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 York City High School Survey Trend Analysis Report

Hispanic/Latino Alcohol and Other Drug 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			
QN50: Percentage of students who used any form of cocaine, including powder, crack, or freebase one or more times during their life												Increased, 1997-2013	No quadratic change	No change
			2.3	1.8	2.7	3.2	3.6	3.5	5.3	5.7	5.9			
QN52: Percentage of students who used heroin one or more times during their life												Increased, 1999-2013	No quadratic change	No change
				0.7	1.2	1.5	1.3	1.5	3.1	3.0	3.2			
QN53: Percentage of students who used methamphetamines one or more times during their life												Increased, 1999-2013	No quadratic change	No change
				1.3	1.7	1.9	1.9	2.0	3.1	3.0	3.6			
QN54: Percentage of students who used ecstasy one or more times during their life												No linear change	Decreased, 2003-2007 Increased, 2007-2013	No change
						5.5	3.8	2.7	5.7	5.8	5.3			
QN57: Percentage of students who used a needle to inject any illegal drug into their body one or more times during their life												Increased, 1997-2013	No quadratic change	No change
			1.4	0.9	0.9	1.2	1.7	1.8	3.6	2.8	2.7			

*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.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High School Survey Trend Analysis Report

Hispanic/Latino Sexual 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			
QN59: Percentage of students who ever had sexual intercourse														
			55.1	52.4	56.2	51.7	51.4	53.1	47.2	46.2	38.1	Decreased, 1997-2013	No change, 1997-2007 Decreased, 2007-2013	Decreased
QN60: Percentage of students who had sexual intercourse for the first time before age 13 years														
			13.3	10.4	13.4	10.5	11.0	10.1	9.9	9.3	6.7	Decreased, 1997-2013	No quadratic change	Decreased
QN61: Percentage of students who had sexual intercourse with four or more people during their life														
			21.2	18.0	21.0	16.2	18.7	16.8	16.7	14.2	12.4	Decreased, 1997-2013	No quadratic change	No change
QN62: Percentage of students who had sexual intercourse with one or more people during the past three months														
			37.6	34.2	41.2	35.9	33.2	37.0	33.1	30.6	25.4	Decreased, 1997-2013	No change, 1997-2007 Decreased, 2007-2013	Decreased
QN63: Among students who had sexual intercourse during the past three months, the percentage who drank alcohol or used drugs before last sexual intercourse														
			15.7	13.2	15.3	15.0	17.1	13.1	19.0	19.5	17.3	Increased, 1997-2013	No quadratic change	No change

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

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

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High School Survey Trend Analysis Report

Hispanic/Latino Sexual 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			
QN64: Among students who had sexual intercourse during the past three months, the percentage who used a condom during last sexual intercourse														
			68.2	67.9	64.7	70.9	69.6	67.5	66.2	61.3	65.4	No linear change	No quadratic change	No change
QN65: Among students who had sexual intercourse during the past three months, the percentage who used birth control pills to prevent pregnancy before last sexual intercourse														
			6.2	8.7	5.9	6.7	6.5	5.8	8.1	8.9	10.1	No linear change	No quadratic change	No change
QNOTHH: Among students who had sexual intercourse during the past three months, the percentage who used an IUD or implant or a shot, patch, or birth control ring to prevent pregnancy before last sexual intercourse														
										4.9	8.7	Increased, 2011-2013	Not available [§]	Increased
QNOTHHPL: Among students who had sexual intercourse during the past three months, the percentage who used birth control pills, an IUD or implant, or a shot, patch, or birth control ring to prevent pregnancy before last sexual intercourse														
										13.8	18.9	Increased, 2011-2013	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 York City High School Survey
Trend Analysis Report

Hispanic/Latino
Sexual 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			
QNDUALBC: Among students who had sexual intercourse during the past three months, the percentage who used both a condom during last sexual intercourse and birth control pills, an IUD or implant, or a shot, patch, or birth control ring to prevent pregnancy before last sexual intercourse														
										4.5	8.9	Increased, 2011-2013	Not available [§]	Increased
QNBCNONE: Among students who had sexual intercourse during the past three months, the percentage who used no method of birth control to prevent pregnancy before last sexual intercourse														
			15.8	15.0	19.3	14.3	18.7	18.3	18.8	14.6	21.0	No linear change	No quadratic change	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 York City High 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			
QNOWT: Percentage of students who were overweight (i.e., at or above the 85th percentile but below the 95th percentile for body mass index, by age and sex) [§]														
				18.9	18.1	17.3	17.7	17.6	18.9	17.3	18.6	No linear change	No quadratic change	No change
QNOBESE: Percentage of students who were obese (i.e., at or above the 95th percentile for body mass index, by age and sex) [§]														
				10.5	12.0	16.4	13.4	13.7	12.1	14.1	14.6	No linear change	No quadratic change	No change
QN66: Percentage of students who described themselves as slightly or very overweight														
			25.9	28.1	27.6	31.0	32.0	30.7	29.3	32.3	35.1	Increased, 1997-2013	No quadratic change	No change
QN67: Percentage of students who were trying to lose weight														
			39.5	41.2	44.1	47.9	45.6	47.5	48.3	50.7	51.7	Increased, 1997-2013	No quadratic change	No change
QN71: Percentage of students who drank 100% fruit juices one or more times during the past seven days														
				88.5	87.5	86.3	87.8	83.9	82.4	81.9	78.3	Decreased, 1999-2013	No quadratic change	Decreased

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

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

§Overweight and obese prevalence estimates for 1999 differ slightly from previously published results because different BMI cut points were used in 1999 than in subsequent years. To make these prevalence estimates comparable, the 1999 prevalence estimates were recalculated using the updated BMI cut points.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High School Survey Trend Analysis Report

Hispanic/Latino												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			
QN72: Percentage of students who ate fruit one or more times during the past seven days														
				86.5	81.4	80.6	82.1	84.0	79.0	80.6	80.3	Decreased, 1999-2013	No quadratic change	No change
QNFRUIT: Percentage of students who ate fruits or drank 100% fruit juices two or more times per day during the past seven days														
				39.0	36.6	39.8	36.5	34.2	36.3	35.8	30.1	Decreased, 1999-2013	No quadratic change	Decreased
QNFR0: Percentage of students who ate fruits or drank 100% fruit juices 0 times per day during the past seven days														
				3.5	4.5	5.6	4.7	5.6	6.6	6.6	7.1	Increased, 1999-2013	No quadratic change	No change
QNFR1: Percentage of students who ate fruits or drank 100% fruit juices one or more times per day during the past seven days														
				67.6	65.3	63.5	63.9	60.0	61.0	59.1	55.4	Decreased, 1999-2013	No quadratic change	Decreased
QNFR3: Percentage of students who ate fruits or drank 100% fruit juices three or more times per day during the past seven days														
				29.6	28.6	30.9	25.6	26.2	25.1	25.7	22.4	Decreased, 1999-2013	No quadratic change	Decreased

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

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

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High School Survey Trend Analysis Report

Hispanic/Latino Weight Management and Dietary 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			
QN77: Percentage of students who drank a can, bottle, or glass of soda or pop one or more times per day during the past seven days												Decreased, 2007-2013	Not available [§]	Decreased
								27.7	25.9	24.6	18.6			
QNSODA0: Percentage of students who drank a can, bottle, or glass of soda or pop 0 times per day during the past seven days												Increased, 2007-2013	Not available	Increased
								15.0	19.3	20.3	25.9			
QNSODA2: Percentage of students who drank a can, bottle, or glass of soda or pop two or more times per day during the past seven days												Decreased, 2007-2013	Not available	Decreased
								19.4	18.7	19.1	12.9			
QNSODA3: Percentage of students who drank a can, bottle, or glass of soda or pop three or more times per day during the past seven days												Decreased, 2007-2013	Not available	Decreased
								12.1	12.3	11.9	8.1			

*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 York City High 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			
QN80: 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														
						26.6	38.3	32.8	37.2	35.4		Increased, 2005-2013	Not available [§]	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														
						32.4	17.9	22.7	18.9	19.0		Decreased, 2005-2013	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														
						15.5	19.3	16.7	19.4	17.7		No linear change	Not available	No change
QN81: Percentage of students who watched three or more hours per day of TV on an average school day														
			67.5	62.0	59.5	58.8	51.2	49.0	42.9	34.1		Decreased, 1999-2013	Decreased, 1999-2009 Decreased, 2009-2013	Decreased
QN82: 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														
						35.4	41.3	44.9	42.0			Increased, 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 York City High 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			
QN83: Percentage of students who attended physical education (PE) classes on one or more days in an average week when they were in school														
			85.2	88.1	84.5	86.5	85.1	75.6	79.9	80.3	84.8	Decreased, 1997-2013	No quadratic change	No change
QNDLYPE: Percentage of students who attended physical education (PE) classes daily in an average week when they were in school														
			54.2	53.7	45.7	50.6	44.9	40.4	36.9	38.4	40.9	Decreased, 1997-2013	No quadratic change	No change

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

†Based on t-test analysis, p < 0.05.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High 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			
QN86: Percentage of students who had ever been told by a doctor or nurse that they had asthma														
						23.4	26.0	27.3	27.5	29.6		Increased, 2005-2013	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 York City High 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			
QN87: Percentage of students who live outside of Manhattan borough of New York														
								84.6	86.3	87.4	88.6	No linear change	Not available [§]	No change
QN89: Percentage of students in whose home the people most of the time or always speak a language other than English														
						68.8	62.7	59.5	57.3	57.2		Decreased, 2005-2013	Not available	No change
QN90: Percentage of students who did something to purposely hurt themselves without wanting to die, such as cutting or burning themselves on purpose, one or more times during the past 12 months														
									19.4	16.5		Decreased, 2011-2013	Not available	Decreased
QN92: Percentage of students who tried cigarette smoking for the first time during the past 12 months														
									14.9	13.7		No linear change	Not available	No change
QN93: Percentage of students who usually got their own cigarettes by buying them in a store such as a convenience store, supermarket, or gas station during the past 30 days														
						3.5	3.8	3.4	3.5			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 York City High School Survey Trend Analysis Report

**Hispanic/Latino
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				
QN96: Among students who drank alcohol during the past 30 days and who have a usual type of alcohol that they drink, the percentage who reported liquor, such as vodka, rum, scotch, bourbon, or whisky, as their type of alcohol they usually drank during the past 30 days											52.8	50.9	No linear change	Not available [§]	No change
QN97: Percentage of students who have taken a prescription pain medication, such as Oxycontin, Percocet, Vicodin, Hydrocodone, or Oxycodone, without a doctor's prescription one or more times during the past 12 months											8.2	8.0	No linear change	Not available	No change
QN98: Percentage of students who have taken other prescription drugs, such as Xanax, Adderall, or Ritalin, without a doctor's prescription one or more times during the past 12 months											4.9	6.8	No linear change	Not available	Increased
QN99: Among students who have had sexual intercourse and who have had sexual intercourse during the past three months, the percentage who always used a condom when they had sexual intercourse during the past three months											48.5	48.0	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 York City High 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					
QN103: Percentage of students who have ever been taught a class by a teacher about birth control methods such as the Pill, the ring, IUDs, birth control shots, patches, or condoms												No linear change	Not available [§]	No change		
									62.5	66.6						
QN104: Percentage of students who have been pregnant or gotten someone pregnant one or more times												Decreased, 2009-2013	Not available	Decreased		
									6.3	6.4	2.9					
QN105: Percentage of students who have had sexual contact with males and females during their life												Increased, 2005-2013	Not available	No change		
						3.7	5.0	6.0	6.2	5.2						
QN106: Percentage of students who describe themselves as gay or lesbian or bisexual												Increased, 2005-2013	Not available	No change		
						4.8	7.3	11.4	12.8	11.7						
QN107: Percentage of students who ate vegetables such as green salad, carrots, green beans, or other vegetables one or more times per day during the past seven days												No linear change	Not available	No change		
								23.6	22.7	23.7	21.4					

*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 York City High School Survey Trend Analysis Report

**Hispanic/Latino
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							
QN110: Percentage of students who usually drink 1% or low-fat milk or skim or non-fat milk												14.3	15.9	18.8	18.0	Increased, 2007-2013	Not available [§]	No change
QN111: Percentage of students who usually walk or bike all the way to school in an average week when they are in school														19.9	17.1	No linear change	Not available	No change
QN112: Percentage of students who usually walk or bike more than 20 minutes all the way to school												14.2	13.2	No linear change	Not available	No change		
QN114: Percentage of students who walk or bike 10 or more minutes to a bus stop or subway station to get to school												25.3	27.6	No linear change	Not available	No change		
QN115: Percentage of students who have ridden a bicycle in one of the five boroughs of New York City at least a few times a year during the past 12 months												50.5	48.9	No linear change	Not available	No change		

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

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

§Not enough years of data to calculate.

2013 YOUTH RISK BEHAVIOR SURVEY RESULTS

New York City High School Survey Trend Analysis Report

Hispanic/Latino 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			
QN116: Percentage of students who did exercises to strengthen or tone their muscles, such as push-ups, sit-ups, or weight lifting, on three or more of the past seven days												No linear change	Not available [§]	No change
						50.9				48.2				
QN118: Percentage of students who walk up at least three floors of stairs outside of school on an average day												No linear change	Not available	No change
						75.8				76.9				
QN119: Percentage of students who had ever been tested for HIV, the virus that causes AIDS												Increased, 2009-2013	Not available	Increased
						21.6		21.0		25.4				
QN120: Percentage of students who have had an episode of asthma or an asthma attack during the past 12 months												Increased, 2007-2013	Not available	No change
						15.0		16.3		16.0		18.2		
QN125: Percentage of students who have ever used the school-based health center (school clinic) at their school												DATA NOT DISPLAYED. Please send an e-mail to epidatarequest@health.nyc.gov with requests for data related to school-based health centers.		

*Based on trend analyses using a logistic regression model controlling 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 York City High School Survey
Trend Analysis Report

Hispanic/Latino
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			
QN126: Percentage of students who go to bodegas, delis, or drugstores two or more times per week														
										63.1	57.2	Decreased, 2011-2013	Not available [§]	Decreased

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

†Based on t-test analysis, p < 0.05.

§Not enough years of data to calculate.