

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina High School Survey
Trend Analysis Report

Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011					
Total																
Injury and Violence																
Among students who rode a bicycle during the past 12 months, the percentage who never or rarely wore a bicycle helmet		95.6	92.4			87.1	86.0	86.4	88.8	84.1	86.8	Yes	Yes	No		
Percentage of students who never or rarely wore a seat belt when riding in a car driven by someone else		15.2	8.2			9.5	10.9	8.3	7.9	7.0	8.1	Yes	No	No		
Percentage of students who rode one or more times during the past 30 days in a car or other vehicle driven by someone who had been drinking alcohol		33.3	28.7			23.9	23.5	25.3	24.7	20.7	21.0	Yes	No	No		
Percentage of students who drove a car or other vehicle one or more times during the past 30 days when they had been drinking alcohol		12.7	11.5			9.3	9.3	9.4	9.2	8.2	6.3	Yes	No	No		
Percentage of students who carried a weapon such as a gun, knife, or club on one or more of the past 30 days		26.8	22.4			18.3	19.2	21.5	21.2	19.6	20.8	Yes	Yes	No		
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		13.9	9.4			4.8	6.3	6.4	6.8	4.7	6.1	Yes	Yes	No		
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		5.3	4.7			9.2	5.2	5.8	7.0	5.6	6.8	No	No	No		

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina High School Survey
Trend Analysis Report

Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011					
Total																
Injury and Violence																
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		9.5	8.0			7.6	7.2	7.9	6.6	6.8	9.1	No	Yes	Yes		
Percentage of students who were in a physical fight one or more times during the past 12 months		37.8	28.4			29.0	30.9	29.9	30.1	28.6	27.6	Yes	No	No		
Percentage of students who were in a physical fight one or more times during the past 12 months in which they were injured and had to be treated by a doctor or nurse		3.7	2.6			2.8	3.8	4.1	3.7	3.7	3.7	No	No	No		
Percentage of students who were in a physical fight on school property one or more times during the past 12 months		14.5	12.0			10.7	10.7	11.6	10.4	9.4	10.6	Yes	No	No		
Percentage of students who were ever hit, slapped, or physically hurt on purpose by their boyfriend or girlfriend during the past 12 months								12.7	13.2	12.6	14.1	No	No	No		
Percentage of students who had ever been physically forced to have sexual intercourse when they did not want to								9.9	9.3	8.6	9.5	No	No	No		
Percentage of students who had ever been bullied on school property during the past 12 months										16.6	20.5	Yes		Yes		
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						29.3	30.6	26.5	26.9	27.4	28.3	No	No	No		

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina High School Survey
Trend Analysis Report

Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011					
Total																
Injury and Violence																
Percentage of students who seriously considered attempting suicide during the past 12 months		24.2	19.8			18.1	18.1	15.6	12.5	13.2	14.3	Yes	No	No		
Percentage of students who made a plan about how they would attempt suicide during the past 12 months								13.1	9.5	10.1	13.5	No	Yes	Yes		

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina High School Survey
Trend Analysis Report

Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011					
Total																
Tobacco Use																
Percentage of students who smoked a whole cigarette for the first time before age 13 years		29.8	25.4			26.5	23.7	18.4	17.3	12.4	12.4	Yes	Yes	No		
Percentage of students who smoked cigarettes on one or more of the past 30 days		29.3	31.3			27.8	24.8	24.9	22.5	17.7	17.7	Yes	Yes	No		
Percentage of students who smoked cigarettes on 20 or more of the past 30 days		14.1	15.5			14.5	12.4	11.0	9.3	6.3	6.8	Yes	Yes	No		
Among students who reported current cigarette use, the percentage who ever tried to quit smoking cigarettes during the past 12 months						58.6	61.1	51.5	54.6	56.2	50.0	Yes	No	No		

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina High School Survey
Trend Analysis Report

Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011					
Total																
Alcohol and Other Drug Use																
Percentage of students who had their first drink of alcohol other than a few sips before age 13 years		30.4	25.9			24.7	22.2	21.3	19.7	19.0	18.2	Yes	No	No		
Percentage of students who had at least one drink of alcohol on one or more of the past 30 days		43.7	39.7			38.2	39.4	42.3	37.7	35.0	34.3	Yes	No	No		
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		23.0	22.5			20.7	21.0	23.1	21.1	18.7	17.6	Yes	No	No		
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									37.2	37.0	34.2	No	No	No		
Percentage of students who had at least one drink of alcohol on school property on one or more of the past 30 days		5.4	5.0			4.3	3.6	5.4	4.7	4.1	5.5	No	No	No		
Percentage of students who used marijuana one or more times during their life		29.0	36.2			40.3	42.7	40.1	36.4	37.0	42.9	Yes	Yes	Yes		
Percentage of students who tried marijuana for the first time before age 13 years		7.1	6.1			10.5	10.8	9.1	8.3	8.1	9.4	Yes	Yes	No		
Percentage of students who used marijuana one or more times during the past 30 days		14.8	21.7			20.8	24.3	21.4	19.1	19.8	24.2	Yes	No	Yes		
Percentage of students who used marijuana on school property one or more times during the past 30 days		4.8	6.1			4.7	3.5	4.1	4.3	4.0	5.2	No	No	No		

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina High School Survey
Trend Analysis Report

Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011					
Total																
Alcohol and Other Drug Use																
Percentage of students who used any form of cocaine, including powder, crack, or freebase one or more times during their life		4.4	4.7			6.7	8.4	7.9	7.0	5.5	7.1	Yes	Yes	No		
Percentage of students who sniffed glue, breathed the contents of aerosol spray cans, or inhaled any paints or sprays to get high one or more times during their life			19.4			13.7	15.4	11.9	13.8	11.7	11.2	Yes	No	No		
Percentage of students who used methamphetamines one or more times during their life						7.8	6.6	6.5	4.7	3.4	4.8	Yes	No	No		
Percentage of students who took steroid pills or shots without a doctor's prescription one or more times during their life		3.6	2.0			5.0	5.2	4.2	3.9	3.8	4.2	No	Yes	No		
Percentage of students who were offered, sold, or given an illegal drug by someone on school property during the past 12 months		28.9	29.8			32.8	31.9	27.4	28.5	30.2	29.8	No	No	No		

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina High School Survey
Trend Analysis Report

Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change	
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011				
Total															
Sexual Behaviors															
Percentage of students who ever had sexual intercourse							52.5	50.8	52.1	51.1	49.3	No	No	No	
Percentage of students who had sexual intercourse for the first time before age 13 years							10.0	8.1	8.3	7.5	8.6	No	Yes	No	
Percentage of students who had sexual intercourse with four or more people during their life							17.1	17.2	16.1	15.7	16.8	No	No	No	
Percentage of students who had sexual intercourse with one or more people during the past three months							37.9	37.1	37.5	36.6	34.9	No	No	No	
Among students who had sexual intercourse during the past three months, the percentage who drank alcohol or used drugs before last sexual intercourse							18.1	23.9	20.7	19.3	25.3	No	No	Yes	
Among students who had sexual intercourse during the past three months, the percentage who used a condom during last sexual intercourse							62.1	62.8	61.5	60.7	53.7	Yes	No	Yes	

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina High School Survey
Trend Analysis Report

Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011					
Total																
Weight Management and Dietary Behaviors																
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)**						14.2	14.5	15.6	17.0	14.4	15.9	No	No	No		
Percentage of students who were obese (i.e., at or above the 95th percentile for body mass index, by age and sex)**						12.7	12.4	13.4	12.6	13.2	12.9	No	No	No		
Percentage of students who described themselves as slightly or very overweight		33.4	28.1			29.2	28.5	29.9	26.3	28.0	27.1	Yes	No	No		
Percentage of students who were trying to lose weight		39.8	39.4			42.8	42.2	45.1	44.7	46.2	44.8	Yes	No	No		
Percentage of students who took any diet pills, powders, or liquids without a doctor's advice to lose weight or to keep from gaining weight during the past 30 days						8.2	7.7	6.7	8.1	5.1	6.1	Yes	No	No		
Percentage of students who vomited or took laxatives to lose weight or to keep from gaining weight during the past 30 days			4.7			5.6	5.6	5.6	4.9	4.8	5.5	No	No	No		
Percentage of students who drank 100% fruit juices one or more times during the past seven days									75.8	78.1	74.7	No	Yes	Yes		
Percentage of students who ate fruit one or more times during the past seven days									79.3	82.5	83.6	Yes	No	No		
Percentage of students who ate green salad one or more times during the past seven days									54.0	56.4	59.1	Yes	No	No		
Percentage of students who ate potatoes one or more times during the past seven days									65.2	67.2	63.5	No	No	No		

**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.

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina High School Survey
Trend Analysis Report

Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change	
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011				
Total															
Weight Management and Dietary Behaviors															
Percentage of students who ate carrots one or more times during the past seven days									37.2	36.5	40.6	No	No	No	
Percentage of students who ate other vegetables one or more times during the past seven days									81.2	82.6	82.2	No	No	No	
Percentage of students who ate fruits and vegetables five or more times per day during the past seven days									14.8	16.9	19.4	Yes	No	No	
Percentage of students who ate fruits two or more times per day and ate vegetables three or more times per day during the past seven days									6.0	6.8	8.7	Yes	No	Yes	
Percentage of students who ate fruits two or more times per day during the past seven days									25.5	27.6	30.1	Yes	No	No	
Percentage of students who ate vegetables three or more times per day during the past seven days									9.6	9.1	13.3	Yes	Yes	Yes	
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									36.9	32.5	30.4	Yes	No	No	

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina High School Survey
Trend Analysis Report

Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011					
Total																
Physical Activity																
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								45.9	44.3	46.0	47.6	No	No	No		
Percentage of students who were physically active for a total of at least 60 minutes per day on 0 of the past seven days								15.9	17.4	15.4	15.5	No	No	No		
Percentage of students who were physically active for a total of at least 60 minutes per day on 7 of the past seven days								25.9	24.5	24.1	26.0	No	No	No		
Percentage of students who watched three or more hours per day of TV on an average school day								36.3	35.3	36.2	34.7	No	No	No		
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									21.2	23.5	27.8	Yes	No	Yes		

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina High School Survey
Trend Analysis Report

Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011					
Total																
Other																
Percentage of students who had ever been told by a doctor or nurse that they had asthma								20.1	20.3	21.8	22.8	Yes	No	No		
Percentage of students who had been told by a doctor or nurse that they had asthma and who still have asthma									9.5	10.8	11.6	Yes	No	No		

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina High School Survey
Trend Analysis Report

Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011					
Male																
Injury and Violence																
Among students who rode a bicycle during the past 12 months, the percentage who never or rarely wore a bicycle helmet		95.3	91.6				86.3	87.2	86.9	90.6	85.7	87.4	Yes	Yes	No	
Percentage of students who never or rarely wore a seat belt when riding in a car driven by someone else		20.4	11.0				12.9	12.8	10.2	10.4	7.8	10.9	Yes	No	Yes	
Percentage of students who rode one or more times during the past 30 days in a car or other vehicle driven by someone who had been drinking alcohol		35.4	31.2				26.4	24.1	26.9	25.8	20.2	21.8	Yes	No	No	
Percentage of students who drove a car or other vehicle one or more times during the past 30 days when they had been drinking alcohol		18.2	13.4				12.3	12.3	12.6	11.1	10.6	8.6	Yes	No	No	
Percentage of students who carried a weapon such as a gun, knife, or club on one or more of the past 30 days		44.3	36.4				29.1	29.7	35.2	32.4	32.0	32.0	Yes	Yes	No	
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		21.8	14.4				7.3	8.3	9.5	11.0	7.0	9.5	Yes	Yes	No	
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		5.2	4.5				9.4	6.1	6.4	7.0	5.3	6.8	No	No	No	

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina High School Survey
Trend Analysis Report

Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011					
Male																
Injury and Violence																
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		13.0	10.1			9.7	8.2	10.0	8.2	8.4	11.1	Yes	Yes	No		
Percentage of students who were in a physical fight one or more times during the past 12 months		46.5	35.2			37.1	38.6	38.9	38.5	38.1	35.6	Yes	No	No		
Percentage of students who were in a physical fight one or more times during the past 12 months in which they were injured and had to be treated by a doctor or nurse		5.1	3.2			3.7	5.8	6.1	4.8	5.2	4.7	No	No	No		
Percentage of students who were in a physical fight on school property one or more times during the past 12 months		20.9	16.0			14.4	14.5	15.5	13.1	13.0	14.6	Yes	No	No		
Percentage of students who were ever hit, slapped, or physically hurt on purpose by their boyfriend or girlfriend during the past 12 months								12.9	14.9	13.0	14.7	No	No	No		
Percentage of students who had ever been physically forced to have sexual intercourse when they did not want to								8.5	6.4	4.7	6.6	No	Yes	No		
Percentage of students who had ever been bullied on school property during the past 12 months										13.7	18.2	Yes		Yes		
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						20.8	22.7	20.7	21.5	21.6	24.0	No	No	No		

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina High School Survey
Trend Analysis Report

Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011					
Male																
Injury and Violence																
Percentage of students who seriously considered attempting suicide during the past 12 months		17.7	15.3			14.3	13.2	12.5	9.2	10.3	13.5	Yes	No	Yes		
Percentage of students who made a plan about how they would attempt suicide during the past 12 months								10.8	7.8	8.6	13.6	No	Yes	Yes		

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina High School Survey
Trend Analysis Report

Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011					
Male																
Tobacco Use																
Percentage of students who smoked a whole cigarette for the first time before age 13 years		34.8	29.8			28.0	26.2	21.0	19.5	15.4	15.3	Yes	No	No		
Percentage of students who smoked cigarettes on one or more of the past 30 days		30.4	32.5			28.4	26.3	26.4	22.5	20.6	20.5	Yes	No	No		
Percentage of students who smoked cigarettes on 20 or more of the past 30 days		15.0	16.7			15.2	13.9	13.0	9.2	7.3	9.1	Yes	Yes	No		
Among students who reported current cigarette use, the percentage who ever tried to quit smoking cigarettes during the past 12 months						54.0	58.4	49.5	52.3	52.5	44.6	Yes	No	No		

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina High School Survey
Trend Analysis Report

Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011					
Male																
Alcohol and Other Drug Use																
Percentage of students who had their first drink of alcohol other than a few sips before age 13 years		36.4	30.2			27.8	25.5	25.5	23.5	22.5	22.3	Yes	No	No		
Percentage of students who had at least one drink of alcohol on one or more of the past 30 days		47.9	40.9			40.5	41.5	44.4	37.8	37.8	35.5	Yes	No	No		
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		30.0	26.6			22.8	25.1	26.0	22.1	21.8	21.7	Yes	No	No		
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									28.5	33.1	27.8	No	No	No		
Percentage of students who had at least one drink of alcohol on school property on one or more of the past 30 days		7.6	6.4			6.1	3.8	7.0	6.2	4.7	7.1	No	No	Yes		
Percentage of students who used marijuana one or more times during their life		34.1	42.0			42.3	46.9	45.1	37.9	43.3	48.3	Yes	No	No		
Percentage of students who tried marijuana for the first time before age 13 years		10.4	9.3			13.5	13.7	12.6	10.6	12.1	12.3	No	No	No		
Percentage of students who used marijuana one or more times during the past 30 days		18.9	26.3			23.9	27.9	25.2	20.2	25.5	30.2	Yes	No	No		
Percentage of students who used marijuana on school property one or more times during the past 30 days		7.5	8.9			7.1	4.9	5.9	6.1	5.7	8.1	No	No	No		

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina High School Survey
Trend Analysis Report

Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011					
Male																
Alcohol and Other Drug Use																
Percentage of students who used any form of cocaine, including powder, crack, or freebase one or more times during their life		5.3	5.5			7.1	9.0	9.2	7.9	7.4	9.9	Yes	No	No		
Percentage of students who sniffed glue, breathed the contents of aerosol spray cans, or inhaled any paints or sprays to get high one or more times during their life			20.0			13.8	14.0	13.5	13.3	12.1	12.4	Yes	No	No		
Percentage of students who used methamphetamines one or more times during their life						8.3	6.5	8.2	5.8	4.6	6.9	Yes	No	No		
Percentage of students who took steroid pills or shots without a doctor's prescription one or more times during their life		5.7	2.8			6.5	6.4	5.7	5.2	5.3	6.7	No	No	No		
Percentage of students who were offered, sold, or given an illegal drug by someone on school property during the past 12 months		33.4	35.5			36.8	34.2	31.9	33.4	37.2	35.5	No	No	No		

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina High School Survey
Trend Analysis Report

Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011					
Male																
Sexual Behaviors																
Percentage of students who ever had sexual intercourse							53.7	54.3	54.0	54.2	51.4	No	No	No		
Percentage of students who had sexual intercourse for the first time before age 13 years							13.3	11.2	12.0	10.1	12.0	No	No	No		
Percentage of students who had sexual intercourse with four or more people during their life							19.5	20.6	18.4	19.2	18.9	No	No	No		
Percentage of students who had sexual intercourse with one or more people during the past three months							36.7	39.1	36.3	37.5	32.9	No	No	No		
Among students who had sexual intercourse during the past three months, the percentage who drank alcohol or used drugs before last sexual intercourse							22.1	27.9	24.3	24.1	33.1	No	No	Yes		
Among students who had sexual intercourse during the past three months, the percentage who used a condom during last sexual intercourse							68.7	70.7	67.2	65.5	58.4	Yes	No	Yes		

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina High School Survey
Trend Analysis Report

Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011					
Male																
Weight Management and Dietary Behaviors																
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)**						15.6	14.8	15.5	17.1	13.8	15.5	No	No	No		
Percentage of students who were obese (i.e., at or above the 95th percentile for body mass index, by age and sex)**						16.4	16.6	15.6	15.8	16.7	14.8	No	No	No		
Percentage of students who described themselves as slightly or very overweight		22.9	21.7			24.1	24.5	23.3	21.2	23.0	20.9	No	No	No		
Percentage of students who were trying to lose weight		24.1	23.7			27.2	28.8	32.3	30.5	29.8	30.1	Yes	No	No		
Percentage of students who took any diet pills, powders, or liquids without a doctor's advice to lose weight or to keep from gaining weight during the past 30 days						5.4	5.9	6.7	8.6	4.1	6.4	No	No	No		
Percentage of students who vomited or took laxatives to lose weight or to keep from gaining weight during the past 30 days			2.7			4.8	3.5	3.9	4.2	3.5	5.0	No	No	No		
Percentage of students who drank 100% fruit juices one or more times during the past seven days									77.6	79.7	76.8	No	No	No		
Percentage of students who ate fruit one or more times during the past seven days									75.8	83.1	82.6	Yes	Yes	No		
Percentage of students who ate green salad one or more times during the past seven days									48.6	51.6	55.8	Yes	No	No		
Percentage of students who ate potatoes one or more times during the past seven days									65.4	67.9	64.5	No	No	No		

**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.

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina High School Survey
Trend Analysis Report

Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011					
Male																
Weight Management and Dietary Behaviors																
Percentage of students who ate carrots one or more times during the past seven days									37.7	37.0	43.3	No	No	No		
Percentage of students who ate other vegetables one or more times during the past seven days									78.3	81.6	80.5	No	No	No		
Percentage of students who ate fruits and vegetables five or more times per day during the past seven days									15.1	18.3	21.9	Yes	No	Yes		
Percentage of students who ate fruits two or more times per day and ate vegetables three or more times per day during the past seven days									5.6	6.0	10.8	Yes	No	Yes		
Percentage of students who ate fruits two or more times per day during the past seven days									27.0	27.0	31.0	No	No	No		
Percentage of students who ate vegetables three or more times per day during the past seven days									9.5	8.9	16.0	Yes	Yes	Yes		
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									38.5	36.4	34.5	No	No	No		

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina High School Survey
Trend Analysis Report

Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011					
Male																
Physical Activity																
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								56.4	54.0	56.7	56.0		No	No	No	
Percentage of students who were physically active for a total of at least 60 minutes per day on 0 of the past seven days								11.7	11.9	10.4	12.5		No	No	No	
Percentage of students who were physically active for a total of at least 60 minutes per day on 7 of the past seven days								35.1	31.5	33.6	33.6		No	No	No	
Percentage of students who watched three or more hours per day of TV on an average school day								36.8	36.5	37.1	35.7		No	No	No	
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										23.8	28.2	31.5	Yes	No	No	

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina High School Survey
Trend Analysis Report

Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011					
Male																
Other																
Percentage of students who had ever been told by a doctor or nurse that they had asthma								21.8	20.1	22.3	22.7	No	No	No		
Percentage of students who had been told by a doctor or nurse that they had asthma and who still have asthma									6.4	9.3	9.9	Yes	No	No		

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina High School Survey
Trend Analysis Report

Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011					
Female																
Injury and Violence																
Among students who rode a bicycle during the past 12 months, the percentage who never or rarely wore a bicycle helmet		96.2	93.4			88.4	84.1	85.9	86.1	82.1	85.9	Yes	Yes	No		
Percentage of students who never or rarely wore a seat belt when riding in a car driven by someone else		10.0	5.5			6.0	8.9	6.1	5.2	6.2	5.0	Yes	No	No		
Percentage of students who rode one or more times during the past 30 days in a car or other vehicle driven by someone who had been drinking alcohol		31.2	26.4			21.5	22.7	23.5	23.6	21.0	20.1	Yes	No	No		
Percentage of students who drove a car or other vehicle one or more times during the past 30 days when they had been drinking alcohol		7.2	9.6			6.1	6.3	6.1	7.2	5.9	4.0	Yes	No	No		
Percentage of students who carried a weapon such as a gun, knife, or club on one or more of the past 30 days		10.0	8.7			7.5	8.6	7.8	9.8	8.0	9.6	No	No	No		
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		6.2	4.4			2.4	4.3	3.1	2.6	2.5	2.6	Yes	No	No		
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		5.3	5.0			9.1	4.3	4.6	7.0	5.6	6.8	No	No	No		

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina High School Survey
Trend Analysis Report

Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011					
Female																
Injury and Violence																
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		6.0	5.8			5.4	6.1	5.2	4.9	5.1	6.7	No	No	No		
Percentage of students who were in a physical fight one or more times during the past 12 months		29.2	21.8			20.8	23.2	20.4	21.7	19.6	19.4	Yes	No	No		
Percentage of students who were in a physical fight one or more times during the past 12 months in which they were injured and had to be treated by a doctor or nurse		2.1	2.0			1.9	1.8	1.7	2.4	2.2	2.6	No	No	No		
Percentage of students who were in a physical fight on school property one or more times during the past 12 months		8.1	8.1			7.0	6.9	7.4	7.6	5.9	6.4	Yes	No	No		
Percentage of students who were ever hit, slapped, or physically hurt on purpose by their boyfriend or girlfriend during the past 12 months								12.3	11.4	12.2	13.3	No	No	No		
Percentage of students who had ever been physically forced to have sexual intercourse when they did not want to								11.3	12.3	12.4	12.3	No	No	No		
Percentage of students who had ever been bullied on school property during the past 12 months										19.2	22.6	No		No		
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						38.0	38.4	32.3	32.4	32.8	32.6	Yes	No	No		

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina High School Survey
Trend Analysis Report

Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011					
Female																
Injury and Violence																
Percentage of students who seriously considered attempting suicide during the past 12 months		30.5	24.2			21.8	23.0	18.7	15.8	16.1	15.1	Yes	No	No		
Percentage of students who made a plan about how they would attempt suicide during the past 12 months								15.4	11.2	11.3	13.2	No	Yes	No		

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina High School Survey
Trend Analysis Report

Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011					
Female																
Tobacco Use																
Percentage of students who smoked a whole cigarette for the first time before age 13 years		24.7	21.0			25.1	21.1	15.6	14.8	9.4	9.3	Yes	Yes	No		
Percentage of students who smoked cigarettes on one or more of the past 30 days		28.0	30.2			27.2	23.3	23.0	22.2	14.9	14.7	Yes	Yes	No		
Percentage of students who smoked cigarettes on 20 or more of the past 30 days		13.0	14.2			13.8	11.0	9.0	9.3	5.3	4.3	Yes	Yes	No		
Among students who reported current cigarette use, the percentage who ever tried to quit smoking cigarettes during the past 12 months						63.1	64.1	54.2	56.7	61.3	57.7	No	No	No		

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina High School Survey
Trend Analysis Report

Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011			
Female														
Alcohol and Other Drug Use														
Percentage of students who had their first drink of alcohol other than a few sips before age 13 years		24.3	21.6			21.4	18.9	16.8	15.7	15.7	13.8	Yes	No	No
Percentage of students who had at least one drink of alcohol on one or more of the past 30 days		39.7	38.4			35.9	37.3	40.1	37.6	32.4	33.2	Yes	No	No
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		16.2	18.3			18.7	16.7	20.2	19.9	15.7	13.6	No	Yes	No
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									45.8	41.0	41.1	No	No	No
Percentage of students who had at least one drink of alcohol on school property on one or more of the past 30 days		3.3	3.7			2.5	3.4	3.6	3.3	3.5	3.7	No	No	No
Percentage of students who used marijuana one or more times during their life		24.0	30.5			38.2	38.4	35.1	34.7	31.2	37.5	Yes	Yes	No
Percentage of students who tried marijuana for the first time before age 13 years		3.8	2.9			7.4	7.7	5.4	5.9	4.4	6.1	Yes	Yes	No
Percentage of students who used marijuana one or more times during the past 30 days		10.9	17.2			17.8	20.7	17.5	17.9	14.5	18.0	Yes	Yes	No
Percentage of students who used marijuana on school property one or more times during the past 30 days		2.1	3.4			2.3	2.0	2.1	2.4	2.4	2.4	No	No	No

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina High School Survey
Trend Analysis Report

Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011			
Female														
Alcohol and Other Drug Use														
Percentage of students who used any form of cocaine, including powder, crack, or freebase one or more times during their life		3.5	3.9			6.2	7.6	6.6	5.8	3.7	4.2	No	Yes	No
Percentage of students who sniffed glue, breathed the contents of aerosol spray cans, or inhaled any paints or sprays to get high one or more times during their life			18.9			13.5	16.8	10.1	14.2	11.4	9.7	Yes	No	No
Percentage of students who used methamphetamines one or more times during their life						7.3	6.6	4.4	3.4	2.2	2.4	Yes	No	No
Percentage of students who took steroid pills or shots without a doctor's prescription one or more times during their life		1.4	1.2			3.5	4.0	2.4	2.4	2.3	1.6	No	Yes	No
Percentage of students who were offered, sold, or given an illegal drug by someone on school property during the past 12 months		24.4	24.2			28.8	29.6	23.0	23.5	23.4	24.0	No	Yes	No

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina High School Survey
Trend Analysis Report

Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011					
Female																
Sexual Behaviors																
Percentage of students who ever had sexual intercourse							51.4	47.6	50.3	48.2	47.1	No	No	No		
Percentage of students who had sexual intercourse for the first time before age 13 years							6.8	5.0	4.4	5.1	5.3	No	No	No		
Percentage of students who had sexual intercourse with four or more people during their life							14.6	13.9	13.7	12.2	14.6	No	No	No		
Percentage of students who had sexual intercourse with one or more people during the past three months							39.2	35.3	38.5	35.7	36.7	No	No	No		
Among students who had sexual intercourse during the past three months, the percentage who drank alcohol or used drugs before last sexual intercourse							14.5	19.7	17.4	14.6	18.6	No	No	No		
Among students who had sexual intercourse during the past three months, the percentage who used a condom during last sexual intercourse							56.0	54.7	56.7	56.0	49.4	No	No	Yes		

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina High School Survey
Trend Analysis Report

Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011			
Female														
Weight Management and Dietary Behaviors														
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)**						12.8	14.2	15.7	17.0	15.0	16.4	No	No	No
Percentage of students who were obese (i.e., at or above the 95th percentile for body mass index, by age and sex)**						9.0	8.1	11.1	9.4	9.9	10.9	No	No	No
Percentage of students who described themselves as slightly or very overweight		43.7	34.4			34.4	32.7	36.7	31.6	32.9	33.4	Yes	No	No
Percentage of students who were trying to lose weight		55.2	55.0			58.7	55.9	58.1	59.1	61.8	60.1	Yes	No	No
Percentage of students who took any diet pills, powders, or liquids without a doctor's advice to lose weight or to keep from gaining weight during the past 30 days						10.9	9.4	6.5	7.5	6.0	5.8	Yes	No	No
Percentage of students who vomited or took laxatives to lose weight or to keep from gaining weight during the past 30 days			6.7			6.4	7.7	7.0	5.7	6.1	5.9	No	No	No
Percentage of students who drank 100% fruit juices one or more times during the past seven days									74.1	76.8	72.5	No	Yes	Yes
Percentage of students who ate fruit one or more times during the past seven days									82.8	82.1	84.7	No	No	No
Percentage of students who ate green salad one or more times during the past seven days									59.4	61.2	62.4	No	No	No
Percentage of students who ate potatoes one or more times during the past seven days									64.9	66.5	62.4	No	No	No

**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.

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina High School Survey
Trend Analysis Report

Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011					
Female																
Weight Management and Dietary Behaviors																
Percentage of students who ate carrots one or more times during the past seven days									36.4	36.2	37.7	No	No	No		
Percentage of students who ate other vegetables one or more times during the past seven days									84.1	83.9	84.0	No	No	No		
Percentage of students who ate fruits and vegetables five or more times per day during the past seven days									14.3	15.5	16.9	No	No	No		
Percentage of students who ate fruits two or more times per day and ate vegetables three or more times per day during the past seven days									6.3	7.4	6.5	No	No	No		
Percentage of students who ate fruits two or more times per day during the past seven days									23.9	28.3	29.1	No	No	No		
Percentage of students who ate vegetables three or more times per day during the past seven days									9.5	9.3	10.5	No	No	No		
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									35.2	28.8	26.3	Yes	No	No		

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina High School Survey
Trend Analysis Report

Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011					
Female																
Physical Activity																
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								35.7	34.8	36.0	39.1	No	No	No		
Percentage of students who were physically active for a total of at least 60 minutes per day on 0 of the past seven days								20.0	23.0	20.1	18.4	No	No	No		
Percentage of students who were physically active for a total of at least 60 minutes per day on 7 of the past seven days								16.8	17.7	15.2	18.4	No	No	No		
Percentage of students who watched three or more hours per day of TV on an average school day								36.0	34.1	35.4	33.8	No	No	No		
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									18.5	19.1	24.2	Yes	No	Yes		

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina High School Survey
Trend Analysis Report

Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011					
Female																
Other																
Percentage of students who had ever been told by a doctor or nurse that they had asthma								18.4	20.6	21.3	22.9		Yes	No	No	
Percentage of students who had been told by a doctor or nurse that they had asthma and who still have asthma								12.6	12.2	13.4			No	No	No	

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina High School Survey
Trend Analysis Report

Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011					
White*																
Injury and Violence																
Among students who rode a bicycle during the past 12 months, the percentage who never or rarely wore a bicycle helmet		95.1	91.1			86.7	81.8	84.5	85.9	80.8	83.9	Yes	Yes	No		
Percentage of students who never or rarely wore a seat belt when riding in a car driven by someone else		13.9	7.7			9.4	10.3	7.2	6.4	6.1	5.7	Yes	No	No		
Percentage of students who rode one or more times during the past 30 days in a car or other vehicle driven by someone who had been drinking alcohol		32.2	28.8			24.2	21.5	23.7	23.6	20.1	19.9	Yes	No	No		
Percentage of students who drove a car or other vehicle one or more times during the past 30 days when they had been drinking alcohol		13.3	12.2			10.7	10.5	10.1	10.3	9.3	6.7	Yes	No	No		
Percentage of students who carried a weapon such as a gun, knife, or club on one or more of the past 30 days		26.3	23.3			20.2	20.8	23.6	22.7	21.8	24.8	No	Yes	No		
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		13.9	9.8			4.8	6.0	5.9	6.3	4.9	6.8	Yes	Yes	No		
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		5.0	3.9			7.0	3.2	4.1	5.3	3.9	4.6	No	No	No		

*Non-Hispanic.

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina High School Survey
Trend Analysis Report

Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011					
White*																
Injury and Violence																
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		8.9	6.9			8.2	6.7	6.0	5.2	6.7	7.7	No	No	No		
Percentage of students who were in a physical fight one or more times during the past 12 months		36.1	26.4			28.1	29.7	27.2	26.9	25.5	24.5	Yes	No	No		
Percentage of students who were in a physical fight one or more times during the past 12 months in which they were injured and had to be treated by a doctor or nurse		3.0	2.1			2.9	3.6	3.4	3.2	2.8	2.9	No	No	No		
Percentage of students who were in a physical fight on school property one or more times during the past 12 months		12.8	10.2			9.2	8.2	10.1	8.8	7.9	7.6	Yes	No	No		
Percentage of students who were ever hit, slapped, or physically hurt on purpose by their boyfriend or girlfriend during the past 12 months								10.6	11.6	11.6	12.1	No	No	No		
Percentage of students who had ever been physically forced to have sexual intercourse when they did not want to								7.8	8.1	6.8	7.2	No	No	No		
Percentage of students who had ever been bullied on school property during the past 12 months										19.1	21.4	No		No		
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						28.8	30.6	25.1	26.6	26.7	26.3	No	No	No		

*Non-Hispanic.

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina High School Survey
Trend Analysis Report

Question	Prevalence Survey Year										Linear Change	Quadratic Change	2009-2011 Change		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009				2011	
White*															
Injury and Violence															
Percentage of students who seriously considered attempting suicide during the past 12 months		25.7	21.8			20.1	18.8	15.2	13.2	13.0	14.4	Yes	No	No	
Percentage of students who made a plan about how they would attempt suicide during the past 12 months								13.0	9.7	9.4	13.1	No	Yes	Yes	

*Non-Hispanic.

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina High School Survey
Trend Analysis Report

Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011					
White*																
Tobacco Use																
Percentage of students who smoked a whole cigarette for the first time before age 13 years		31.6	28.9			28.8	24.5	17.7	17.3	12.0	11.4	Yes	Yes	No		
Percentage of students who smoked cigarettes on one or more of the past 30 days		33.4	37.5			31.9	28.4	29.0	26.7	21.3	19.0	Yes	Yes	No		
Percentage of students who smoked cigarettes on 20 or more of the past 30 days		17.8	20.9			17.5	15.1	14.3	11.5	7.6	7.9	Yes	Yes	No		
Among students who reported current cigarette use, the percentage who ever tried to quit smoking cigarettes during the past 12 months						58.0	61.9	51.4	52.4	55.7	45.1	Yes	No	Yes		

*Non-Hispanic.

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina High School Survey
Trend Analysis Report

Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011					
White*																
Alcohol and Other Drug Use																
Percentage of students who had their first drink of alcohol other than a few sips before age 13 years		28.3	25.2			24.5	20.1	19.6	18.0	15.9	15.6	Yes	No	No		
Percentage of students who had at least one drink of alcohol on one or more of the past 30 days		44.3	43.4			42.5	43.6	46.4	43.0	38.8	35.7	Yes	Yes	No		
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		26.6	26.5			24.6	25.6	27.6	26.4	22.9	19.8	Yes	Yes	No		
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									38.0	36.5	35.4	No	No	No		
Percentage of students who had at least one drink of alcohol on school property on one or more of the past 30 days		5.1	4.4			4.3	3.5	5.4	4.4	3.1	4.4	No	No	No		
Percentage of students who used marijuana one or more times during their life		28.5	36.0			39.3	41.0	39.4	34.5	36.6	39.7	Yes	Yes	No		
Percentage of students who tried marijuana for the first time before age 13 years		5.7	6.6			10.1	9.4	8.5	7.2	6.5	6.6	No	Yes	No		
Percentage of students who used marijuana one or more times during the past 30 days		14.4	21.6			21.0	24.3	21.6	19.1	19.1	21.4	No	Yes	No		
Percentage of students who used marijuana on school property one or more times during the past 30 days		4.3	6.0			4.0	3.0	3.9	3.8	3.4	4.9	No	No	No		

*Non-Hispanic.

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina High School Survey
Trend Analysis Report

Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011					
White*																
Alcohol and Other Drug Use																
Percentage of students who used any form of cocaine, including powder, crack, or freebase one or more times during their life		5.1	5.4			8.4	11.2	9.3	8.1	5.9	7.4	Yes	Yes	No		
Percentage of students who sniffed glue, breathed the contents of aerosol spray cans, or inhaled any paints or sprays to get high one or more times during their life			21.8			16.5	16.9	13.9	14.8	12.1	11.1	Yes	No	No		
Percentage of students who used methamphetamines one or more times during their life						10.0	8.3	6.6	5.4	3.2	4.8	Yes	No	No		
Percentage of students who took steroid pills or shots without a doctor's prescription one or more times during their life		3.5	1.8			5.3	5.3	3.8	3.9	3.2	3.8	No	Yes	No		
Percentage of students who were offered, sold, or given an illegal drug by someone on school property during the past 12 months		29.8	33.6			32.6	33.2	27.4	28.7	31.2	27.4	No	No	No		

*Non-Hispanic.

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina High School Survey
Trend Analysis Report

Question	Prevalence Survey Year										Linear Change	Quadratic Change	2009-2011 Change		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009				2011	
White*															
Sexual Behaviors															
Percentage of students who ever had sexual intercourse							44.1	42.2	44.5	43.7	44.0	No	No	No	
Percentage of students who had sexual intercourse for the first time before age 13 years							5.2	3.8	4.1	4.3	4.3	No	No	No	
Percentage of students who had sexual intercourse with four or more people during their life							11.8	10.6	10.8	10.5	11.3	No	No	No	
Percentage of students who had sexual intercourse with one or more people during the past three months							31.5	32.0	33.6	31.6	31.7	No	No	No	
Among students who had sexual intercourse during the past three months, the percentage who drank alcohol or used drugs before last sexual intercourse							20.6	24.3	24.2	22.7	25.9	No	No	No	
Among students who had sexual intercourse during the past three months, the percentage who used a condom during last sexual intercourse							58.8	59.7	61.0	61.8	57.3	No	No	No	

*Non-Hispanic.

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina High School Survey
Trend Analysis Report

Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011					
White*																
Weight Management and Dietary Behaviors																
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)**						12.5	14.0	12.4	13.4	11.7	14.2	No	No	No		
Percentage of students who were obese (i.e., at or above the 95th percentile for body mass index, by age and sex)**						11.8	9.8	10.9	10.8	10.5	9.7	No	No	No		
Percentage of students who described themselves as slightly or very overweight		34.6	31.3			32.0	30.6	29.9	27.8	26.9	26.2	Yes	No	No		
Percentage of students who were trying to lose weight		41.6	44.5			46.6	44.9	46.0	48.5	48.2	42.3	Yes	Yes	Yes		
Percentage of students who took any diet pills, powders, or liquids without a doctor's advice to lose weight or to keep from gaining weight during the past 30 days						8.4	8.4	6.2	7.6	5.0	5.0	Yes	No	No		
Percentage of students who vomited or took laxatives to lose weight or to keep from gaining weight during the past 30 days			5.2			5.0	5.8	4.8	4.8	4.3	5.2	No	No	No		
Percentage of students who drank 100% fruit juices one or more times during the past seven days									71.5	75.4	71.4	No	Yes	No		
Percentage of students who ate fruit one or more times during the past seven days									80.5	84.9	87.5	Yes	No	No		
Percentage of students who ate green salad one or more times during the past seven days									58.8	63.2	64.3	Yes	No	No		
Percentage of students who ate potatoes one or more times during the past seven days									71.5	72.2	70.1	No	No	No		

*Non-Hispanic.

**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.

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina High School Survey
Trend Analysis Report

Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011					
White*																
Weight Management and Dietary Behaviors																
Percentage of students who ate carrots one or more times during the past seven days									43.6	42.4	46.3	No	No	No		
Percentage of students who ate other vegetables one or more times during the past seven days									84.7	85.5	86.6	No	No	No		
Percentage of students who ate fruits and vegetables five or more times per day during the past seven days									13.1	14.0	18.2	Yes	No	Yes		
Percentage of students who ate fruits two or more times per day and ate vegetables three or more times per day during the past seven days									5.9	5.8	8.3	Yes	No	Yes		
Percentage of students who ate fruits two or more times per day during the past seven days									21.5	24.9	27.2	Yes	No	No		
Percentage of students who ate vegetables three or more times per day during the past seven days									10.0	8.3	13.3	Yes	Yes	Yes		
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									39.1	35.3	32.0	Yes	No	No		

*Non-Hispanic.

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina High School Survey
Trend Analysis Report

Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011					
White*																
Physical Activity																
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								48.4	48.4	51.4	53.5		Yes	No	No	
Percentage of students who were physically active for a total of at least 60 minutes per day on 0 of the past seven days								13.5	12.9	10.9	13.7		No	No	No	
Percentage of students who were physically active for a total of at least 60 minutes per day on 7 of the past seven days								26.3	26.5	27.0	29.7		No	No	No	
Percentage of students who watched three or more hours per day of TV on an average school day								25.7	23.6	26.4	26.8		No	No	No	
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										19.5	21.3	24.5	Yes	No	No	

*Non-Hispanic.

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina High School Survey
Trend Analysis Report

Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011					
White*																
Other																
Percentage of students who had ever been told by a doctor or nurse that they had asthma								16.2	18.6	19.9	22.1	Yes	No	No		
Percentage of students who had been told by a doctor or nurse that they had asthma and who still have asthma								8.6	9.9	11.7		Yes	No	No		

*Non-Hispanic.

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina High School Survey
Trend Analysis Report

Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011					
Black*																
Injury and Violence																
Among students who rode a bicycle during the past 12 months, the percentage who never or rarely wore a bicycle helmet		97.2	95.3			89.0	95.5	90.6	94.1	91.7	91.8	Yes	No	No		
Percentage of students who never or rarely wore a seat belt when riding in a car driven by someone else		16.5	8.5			9.7	12.1	9.1	9.3	8.2	8.8	Yes	No	No		
Percentage of students who rode one or more times during the past 30 days in a car or other vehicle driven by someone who had been drinking alcohol		35.0	26.4			22.9	27.2	28.2	24.9	19.7	18.9	Yes	No	No		
Percentage of students who drove a car or other vehicle one or more times during the past 30 days when they had been drinking alcohol		10.5	9.3			5.5	6.6	7.6	5.4	5.7	3.9	Yes	No	No		
Percentage of students who carried a weapon such as a gun, knife, or club on one or more of the past 30 days		27.3	19.3			13.4	14.6	18.0	17.3	14.5	14.1	Yes	Yes	No		
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		13.4	7.1			4.4	6.4	7.2	6.5	3.5	4.2	Yes	No	No		
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		5.2	6.2			13.2	8.3	8.2	8.3	6.5	7.3	No	Yes	No		

*Non-Hispanic.

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina High School Survey
Trend Analysis Report

Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011					
Black*																
Injury and Violence																
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		10.2	9.8			4.9	7.3	10.9	7.2	5.8	10.3	No	Yes	Yes		
Percentage of students who were in a physical fight one or more times during the past 12 months		41.2	29.7			30.0	33.0	34.8	33.5	32.5	29.3	No	No	No		
Percentage of students who were in a physical fight one or more times during the past 12 months in which they were injured and had to be treated by a doctor or nurse		5.3	3.1			1.7	3.5	5.0	3.4	3.8	3.5	No	No	No		
Percentage of students who were in a physical fight on school property one or more times during the past 12 months		18.1	14.2			12.9	15.7	14.3	11.4	10.3	13.6	Yes	No	No		
Percentage of students who were ever hit, slapped, or physically hurt on purpose by their boyfriend or girlfriend during the past 12 months								16.4	15.4	13.4	16.8	No	No	No		
Percentage of students who had ever been physically forced to have sexual intercourse when they did not want to								13.7	9.8	10.7	11.9	No	No	No		
Percentage of students who had ever been bullied on school property during the past 12 months										11.0	15.6	Yes		No		
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						30.3	30.0	28.3	24.8	26.2	30.0	No	No	No		

*Non-Hispanic.

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina High School Survey
Trend Analysis Report

Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011					
Black*																
Injury and Violence																
Percentage of students who seriously considered attempting suicide during the past 12 months		19.7	13.8			13.4	15.7	16.1	8.9	12.0	12.9	Yes	No	No		
Percentage of students who made a plan about how they would attempt suicide during the past 12 months								12.8	7.7	9.7	13.7	No	Yes	Yes		

*Non-Hispanic.

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina High School Survey
Trend Analysis Report

Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011					
Black*																
Tobacco Use																
Percentage of students who smoked a whole cigarette for the first time before age 13 years		24.6	17.3			21.2	20.0	19.8	15.7	11.4	11.1	Yes	Yes	No		
Percentage of students who smoked cigarettes on one or more of the past 30 days		18.9	18.6			19.2	15.4	17.3	14.8	11.0	12.1	Yes	No	No		
Percentage of students who smoked cigarettes on 20 or more of the past 30 days		4.2	4.9			8.4	6.5	5.2	4.3	3.8	3.4	No	Yes	No		

*Non-Hispanic.

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina High School Survey
Trend Analysis Report

Question	Prevalence Survey Year										Linear Change	Quadratic Change	2009-2011 Change			
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009				2011		
Black*																
Alcohol and Other Drug Use																
Percentage of students who had their first drink of alcohol other than a few sips before age 13 years		34.1	25.2			24.5	25.2	24.2	20.2	21.8	17.7	Yes	No	No		
Percentage of students who had at least one drink of alcohol on one or more of the past 30 days		42.4	31.4			28.7	30.3	35.4	27.2	27.8	28.4	Yes	No	No		
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	13.4			12.2	10.3	15.1	10.1	10.0	10.4	Yes	No	No		
Percentage of students who had at least one drink of alcohol on school property on one or more of the past 30 days		5.7	5.9			4.0	3.4	5.2	3.8	4.6	4.9	No	No	No		
Percentage of students who used marijuana one or more times during their life		28.7	34.1			42.7	46.9	42.6	38.8	39.0	48.7	Yes	No	No		
Percentage of students who tried marijuana for the first time before age 13 years		8.3	4.0			10.2	12.7	9.7	8.3	9.7	11.6	Yes	No	No		
Percentage of students who used marijuana one or more times during the past 30 days		15.0	20.6			20.3	24.6	21.7	19.7	21.4	28.6	Yes	No	Yes		
Percentage of students who used marijuana on school property one or more times during the past 30 days		4.9	5.8			5.5	4.5	4.0	4.5	4.0	5.4	No	No	No		
Percentage of students who used any form of cocaine, including powder, crack, or freebase one or more times during their life		2.0	2.5			2.3	1.9	4.6	1.9	2.8	3.8	No	No	No		

*Non-Hispanic.

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina High School Survey
Trend Analysis Report

Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011					
Black*																
Alcohol and Other Drug Use																
Percentage of students who sniffed glue, breathed the contents of aerosol spray cans, or inhaled any paints or sprays to get high one or more times during their life			13.6			7.6	11.5	7.4	10.0	9.4	8.5	No	No	No		
Percentage of students who used methamphetamines one or more times during their life						2.1	2.6	5.7	1.5	2.3	2.8	No	No	No		
Percentage of students who took steroid pills or shots without a doctor's prescription one or more times during their life		2.7	2.1			3.4	3.8	3.9	1.7	3.7	2.4	No	No	No		
Percentage of students who were offered, sold, or given an illegal drug by someone on school property during the past 12 months		26.5	20.1			33.1	27.1	26.2	26.5	26.0	29.9	No	No	No		

*Non-Hispanic.

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina High School Survey
Trend Analysis Report

Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011					
Black*																
Sexual Behaviors																
Percentage of students who ever had sexual intercourse							72.4	69.0	67.8	64.6	61.1	Yes	No	No		
Percentage of students who had sexual intercourse for the first time before age 13 years							21.3	15.9	15.4	11.7	16.6	No	Yes	No		
Percentage of students who had sexual intercourse with four or more people during their life							28.8	30.5	26.2	25.4	26.4	No	No	No		
Percentage of students who had sexual intercourse with one or more people during the past three months							53.9	49.9	46.9	44.7	41.3	Yes	No	No		
Among students who had sexual intercourse during the past three months, the percentage who drank alcohol or used drugs before last sexual intercourse							14.7	22.0	13.4	15.3	22.7	No	No	No		
Among students who had sexual intercourse during the past three months, the percentage who used a condom during last sexual intercourse							67.9	66.6	64.2	57.2	52.1	Yes	No	No		

*Non-Hispanic.

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina High School Survey
Trend Analysis Report

Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011					
Black*																
Weight Management and Dietary Behaviors																
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)**						17.8	14.9	21.6	23.8	19.3	19.9	No	No	No		
Percentage of students who were obese (i.e., at or above the 95th percentile for body mass index, by age and sex)**						15.2	17.6	17.3	14.9	18.5	17.1	No	No	No		
Percentage of students who described themselves as slightly or very overweight		30.7	22.7			23.8	22.5	28.1	23.5	29.7	26.9	No	No	No		
Percentage of students who were trying to lose weight		35.8	30.2			35.6	36.1	41.3	37.1	42.9	46.9	Yes	No	No		
Percentage of students who took any diet pills, powders, or liquids without a doctor's advice to lose weight or to keep from gaining weight during the past 30 days						7.0	6.0	6.9	7.7	5.1	5.8	No	No	No		
Percentage of students who vomited or took laxatives to lose weight or to keep from gaining weight during the past 30 days			3.8			6.4	5.2	6.8	4.8	5.0	4.1	No	Yes	No		
Percentage of students who drank 100% fruit juices one or more times during the past seven days									82.3	82.1	80.4	No	No	No		
Percentage of students who ate fruit one or more times during the past seven days									76.0	76.6	76.4	No	No	No		
Percentage of students who ate green salad one or more times during the past seven days									43.9	41.7	47.0	No	No	No		
Percentage of students who ate potatoes one or more times during the past seven days									53.4	59.6	52.1	No	No	No		

*Non-Hispanic.

**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.

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina High School Survey
Trend Analysis Report

Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011					
Black*																
Weight Management and Dietary Behaviors																
Percentage of students who ate carrots one or more times during the past seven days									22.6	21.1	25.0	No	No	No		
Percentage of students who ate other vegetables one or more times during the past seven days									76.7	78.2	74.9	No	No	No		
Percentage of students who ate fruits and vegetables five or more times per day during the past seven days									17.5	20.2	20.3	No	No	No		
Percentage of students who ate fruits two or more times per day and ate vegetables three or more times per day during the past seven days									5.3	7.8	8.2	No	No	No		
Percentage of students who ate fruits two or more times per day during the past seven days									31.9	30.3	33.8	No	No	No		
Percentage of students who ate vegetables three or more times per day during the past seven days									7.2	9.3	11.0	Yes	No	No		
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									33.8	29.4	27.2	No	No	No		

*Non-Hispanic.

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina High School Survey
Trend Analysis Report

Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011					
Black*																
Physical Activity																
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								43.7	39.0	39.2	39.4	No	No	No		
Percentage of students who were physically active for a total of at least 60 minutes per day on 0 of the past seven days								19.4	25.4	23.0	17.4	No	Yes	No		
Percentage of students who were physically active for a total of at least 60 minutes per day on 7 of the past seven days								26.9	22.6	19.7	20.4	No	No	No		
Percentage of students who watched three or more hours per day of TV on an average school day								57.2	56.5	54.6	49.9	No	No	No		
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										24.4	26.5	35.5	Yes	No	Yes	

*Non-Hispanic.

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina High School Survey
Trend Analysis Report

Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011					
Black*																
Other																
Percentage of students who had ever been told by a doctor or nurse that they had asthma								28.1	23.1	24.8	25.8	No	No	No		
Percentage of students who had been told by a doctor or nurse that they had asthma and who still have asthma									11.7	12.5	13.5	No	No	No		

*Non-Hispanic.

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina High School Survey
Trend Analysis Report

Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011					
Hispanic/Latino																
Injury and Violence																
Among students who rode a bicycle during the past 12 months, the percentage who never or rarely wore a bicycle helmet								83.2	94.6	88.7	94.2	Yes	No	No		
Percentage of students who never or rarely wore a seat belt when riding in a car driven by someone else						10.8	12.6	11.6	12.1	5.8	12.6	No	No	Yes		
Percentage of students who rode one or more times during the past 30 days in a car or other vehicle driven by someone who had been drinking alcohol						34.8	27.7	27.0	28.4	26.2	26.6	No	No	No		
Percentage of students who drove a car or other vehicle one or more times during the past 30 days when they had been drinking alcohol						12.8	8.6	10.3	12.7	7.6	10.1	No	No	No		
Percentage of students who carried a weapon such as a gun, knife, or club on one or more of the past 30 days						20.6	12.7	14.6	19.7	20.9	15.6	No	No	No		
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						8.1	5.5	5.0	8.5	6.0	5.9	No	No	No		
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						18.7	7.8	8.1	11.3	11.6	11.0	No	No	No		

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina High School Survey

Trend Analysis Report

Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011					
Hispanic/Latino																
Injury and Violence																
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						15.0	6.9	6.5	13.7	10.2	11.3	No	No	No		
Percentage of students who were in a physical fight one or more times during the past 12 months						32.8	31.8	33.3	36.2	33.1	31.9	No	No	No		
Percentage of students who were in a physical fight one or more times during the past 12 months in which they were injured and had to be treated by a doctor or nurse						6.2	4.0	4.5	6.6	4.7	6.0	No	No	No		
Percentage of students who were in a physical fight on school property one or more times during the past 12 months						15.6	13.6	11.5	13.7	12.6	13.6	No	No	No		
Percentage of students who were ever hit, slapped, or physically hurt on purpose by their boyfriend or girlfriend during the past 12 months								13.4	14.4	12.5	16.0	No	No	No		
Percentage of students who had ever been physically forced to have sexual intercourse when they did not want to								8.8	8.9	13.8	12.5	No	No	No		
Percentage of students who had ever been bullied on school property during the past 12 months										18.1	20.0	No		No		
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						27.5	34.0	31.9	32.3	32.7	29.2	No	No	No		

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina High School Survey
Trend Analysis Report

Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011					
Hispanic/Latino																
Injury and Violence																
Percentage of students who seriously considered attempting suicide during the past 12 months						17.4	21.4	15.9	17.0	13.2	14.6	No	No	No		
Percentage of students who made a plan about how they would attempt suicide during the past 12 months								14.3	9.0	10.4	11.9	No	Yes	No		

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina High School Survey
Trend Analysis Report

Question	Prevalence Survey Year										Linear Change	Quadratic Change	2009-2011 Change	
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009				2011
Hispanic/Latino														
Tobacco Use														
Percentage of students who smoked a whole cigarette for the first time before age 13 years						34.3	28.5	13.4	23.0	18.2	14.6	Yes	No	No
Percentage of students who smoked cigarettes on one or more of the past 30 days						26.5	23.3	17.4	20.2	18.7	21.1	No	No	No
Percentage of students who smoked cigarettes on 20 or more of the past 30 days						11.2	6.3	5.4	11.4	5.0	6.7	No	No	No

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina High School Survey
Trend Analysis Report

Question	Prevalence						Linear Change	Quadratic Change	2009-2011 Change					
	Survey Year													
Hispanic/Latino	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011			
Alcohol and Other Drug Use														
Percentage of students who had their first drink of alcohol other than a few sips before age 13 years						23.4	19.4	19.1	31.7	28.2	26.6	Yes	No	No
Percentage of students who had at least one drink of alcohol on one or more of the past 30 days						35.8	33.0	34.9	38.7	36.2	41.1	No	No	No
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						19.1	19.9	19.1	23.9	17.5	24.5	No	No	Yes
Percentage of students who had at least one drink of alcohol on school property on one or more of the past 30 days						9.2	4.2	3.0	9.2	6.3	9.6	No	No	No
Percentage of students who used marijuana one or more times during their life						44.0	29.6	31.2	36.3	36.6	39.6	No	No	No
Percentage of students who tried marijuana for the first time before age 13 years						15.2	10.0	6.8	12.5	9.4	10.1	No	No	No
Percentage of students who used marijuana one or more times during the past 30 days						20.2	15.1	14.5	14.5	17.7	23.1	No	Yes	No
Percentage of students who used marijuana on school property one or more times during the past 30 days						9.4	2.2	3.4	5.9	7.1	6.6	No	No	No
Percentage of students who used any form of cocaine, including powder, crack, or freebase one or more times during their life						10.6	7.9	7.8	15.6	11.2	15.2	No	No	No

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina High School Survey
Trend Analysis Report

Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011					
Hispanic/Latino																
Alcohol and Other Drug Use																
Percentage of students who sniffed glue, breathed the contents of aerosol spray cans, or inhaled any paints or sprays to get high one or more times during their life						16.0	9.2	10.5	17.3	13.4	15.2		No	No	No	
Percentage of students who used methamphetamines one or more times during their life						13.5	4.3	5.0	7.9	6.7	7.8		No	Yes	No	
Percentage of students who took steroid pills or shots without a doctor's prescription one or more times during their life						12.8	7.7	5.7	6.6	4.4	8.4		No	Yes	No	
Percentage of students who were offered, sold, or given an illegal drug by someone on school property during the past 12 months						41.5	32.1	28.9	32.5	44.0	39.2		No	No	No	

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina High School Survey
Trend Analysis Report

Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011					
Hispanic/Latino																
Sexual Behaviors																
Percentage of students who ever had sexual intercourse							50.2	51.1	51.2	55.4	44.4	No	No	Yes		
Percentage of students who had sexual intercourse for the first time before age 13 years							9.4	10.9	11.6	11.2	9.6	No	No	No		
Percentage of students who had sexual intercourse with four or more people during their life							18.6	16.9	16.9	13.7	20.2	No	No	No		
Percentage of students who had sexual intercourse with one or more people during the past three months							32.4	29.6	29.3	38.2	32.1	No	No	No		

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina High School Survey
Trend Analysis Report

Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011					
Hispanic/Latino																
Weight Management and Dietary Behaviors																
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)**						14.4	25.4	15.5	19.7	15.0	15.9	No	No	No		
Percentage of students who were obese (i.e., at or above the 95th percentile for body mass index, by age and sex)**						9.1	12.7	18.3	16.5	12.6	16.5	No	No	No		
Percentage of students who described themselves as slightly or very overweight						24.7	31.4	38.0	27.0	31.6	30.4	No	No	No		
Percentage of students who were trying to lose weight						33.4	48.3	54.3	49.1	49.3	49.9	Yes	No	No		
Percentage of students who took any diet pills, powders, or liquids without a doctor's advice to lose weight or to keep from gaining weight during the past 30 days						13.3	6.9	8.6	11.6	6.3	10.2	No	No	No		
Percentage of students who vomited or took laxatives to lose weight or to keep from gaining weight during the past 30 days						9.9	9.4	5.8	4.0	8.8	8.4	No	Yes	No		
Percentage of students who drank 100% fruit juices one or more times during the past seven days										80.1	85.5	80.0	No	No	No	
Percentage of students who ate fruit one or more times during the past seven days										83.3	87.2	85.1	No	No	No	
Percentage of students who ate green salad one or more times during the past seven days										52.1	58.8	60.3	No	No	No	
Percentage of students who ate potatoes one or more times during the past seven days										62.3	63.4	60.1	No	No	No	

**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.

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina High School Survey
Trend Analysis Report

Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011					
Hispanic/Latino																
Weight Management and Dietary Behaviors																
Percentage of students who ate carrots one or more times during the past seven days									47.5	40.3	49.3	No	No	No		
Percentage of students who ate other vegetables one or more times during the past seven days									76.2	76.9	79.9	No	No	No		
Percentage of students who ate fruits and vegetables five or more times per day during the past seven days									18.4	25.0	23.6	No	No	No		
Percentage of students who ate fruits two or more times per day and ate vegetables three or more times per day during the past seven days									8.6	7.3	9.8	No	No	No		
Percentage of students who ate fruits two or more times per day during the past seven days									31.3	40.0	32.3	No	No	No		
Percentage of students who ate vegetables three or more times per day during the past seven days									13.0	8.8	15.2	No	Yes	Yes		
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									30.1	24.7	27.8	No	No	No		

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina High School Survey
Trend Analysis Report

Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011					
Hispanic/Latino																
Physical Activity																
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								35.3	34.5	36.2	44.5		Yes	No	No	
Percentage of students who were physically active for a total of at least 60 minutes per day on 0 of the past seven days								20.7	20.5	17.7	16.5		No	No	No	
Percentage of students who were physically active for a total of at least 60 minutes per day on 7 of the past seven days								18.7	16.8	20.8	23.0		No	No	No	
Percentage of students who watched three or more hours per day of TV on an average school day								38.5	39.3	37.3	36.1		No	No	No	
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									20.0	21.3	25.4		No	No	No	

2011 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina High School Survey
Trend Analysis Report

Question	Prevalence Survey Year											Linear Change	Quadratic Change	2009-2011 Change		
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011					
Hispanic/Latino																
Other																
Percentage of students who had ever been told by a doctor or nurse that they had asthma								16.3	14.4	23.5	19.1		No	No	No	
Percentage of students who had been told by a doctor or nurse that they had asthma and who still have asthma								3.9	10.0	7.2			No	No	No	