

2009 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina (Region 1) Middle School Survey
Trend Analysis Report

Question	Prevalence Survey Year										Linear Change	Quadratic Change	
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009			
Total													
Injury and Violence													
Among students who rode a bicycle, the percentage who never or rarely wore a bicycle helmet								80.3	79.9	85.1		No	No
Percentage of students who never or rarely wore a seat belt when riding in a car							12.9	9.5	11.6	7.5		Yes	No
Percentage of students who ever rode in a car driven by someone who had been drinking alcohol							27.0	32.0	27.9	25.9		No	No
Percentage of students who ever carried a weapon, such as a gun, knife, or club								39.2	37.3	34.7		No	No
Percentage of students who have ever been in a physical fight								60.6	54.8	54.0		Yes	No
Percentage of students who were ever in a physical fight in which they were hurt and had to be treated by a doctor or nurse							10.7	7.2	5.8	5.5		Yes	No
Percentage of students who ever seriously thought about killing themselves							21.6	18.9	19.7	17.3		No	No
Percentage of students who ever made a plan about how they would kill themselves								11.8	13.5	13.7		No	No

2009 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina (Region 1) Middle School Survey
Trend Analysis Report

Question	Prevalence Survey Year										Linear Change	Quadratic Change	
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009			
Total													
Tobacco Use													
Percentage of students who smoked a whole cigarette for the first time before age 11 years									7.4	5.8		No	
Percentage of students who smoked cigarettes on one or more of the past 30 days							15.3	11.7	10.9	6.6		Yes	No
Percentage of students who smoked cigarettes on 20 or more of the past 30 days							3.8	1.9	1.4	0.3		Yes	No

2009 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina (Region 1) Middle School Survey
Trend Analysis Report

Question	Prevalence Survey Year										Linear Change	Quadratic Change	
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009			
Total													
Alcohol and Other Drug Use													
Percentage of students who ever had a drink of alcohol, other than a few sips								37.2	31.8	30.6		Yes	No
Percentage of students who had their first drink of alcohol other than a few sips before age 11 years									13.9	12.1		No	
Percentage of students who ever used marijuana								12.7	11.3	9.1		No	No
Percentage of students who tried marijuana for the first time before age 11 years									3.4	2.4		No	
Percentage of students who ever used any form of cocaine, including powder, crack, or freebase								4.9	4.4	2.5	2.0	Yes	No
Percentage of students who ever sniffed glue, breathed the contents of spray cans, or inhaled any paints or sprays to get high								15.0	14.7	11.8	11.2	Yes	No
Percentage of students who ever used steroid pills or shots without a doctor's prescription										2.7	1.6	No	

2009 YOUTH RISK BEHAVIOR SURVEY RESULTS

**North Carolina (Region 1) Middle School Survey
Trend Analysis Report**

Question	Prevalence Survey Year										Linear Change	Quadratic Change	
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009			
Total													
Sexual Behaviors													
Percentage of students who had ever been taught in school about AIDS or HIV infection							70.7	72.2	66.0	62.9	Yes	No	

2009 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina (Region 1) Middle School Survey
Trend Analysis Report

Question	Prevalence Survey Year										Linear Change	Quadratic Change	
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009			
Total													
Weight Management and Dietary Behaviors													
Percentage of students who described themselves as slightly or very overweight							26.1	24.7	25.2	24.9		No	No
Percentage of students who were trying to lose weight							43.1	44.3	44.0	44.8		No	No
Percentage of students who had ever exercised to lose weight or to keep from gaining weight							66.2	67.3	69.2	69.8		No	No
Percentage of students who had ever eaten less food, fewer calories, or foods low in fat to lose weight or to keep from gaining weight								43.1	43.6	43.4		No	No
Percentage of students who had ever gone without eating for 24 hours or more to lose weight or to keep from gaining weight										17.1	16.3	No	
Percentage of students who had ever taken diet pills, powders, or liquids without a doctor's advice to lose weight or to keep from gaining weight							5.1	5.4	6.9	4.8		No	No
Percentage of students who had ever vomited or taken laxatives to lose weight or to keep from gaining weight							6.4	5.7	6.7	3.9		No	No

2009 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina (Region 1) Middle School Survey
Trend Analysis Report

Question	Prevalence Survey Year										Linear Change	Quadratic Change	
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009			
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								52.1	55.3	59.9	Yes	No	
Percentage of students who watched three or more hours per day of TV on an average school day								42.4	47.3	44.2	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									27.1	30.7	Yes		
Percentage of students who played on one or more sports teams during the past 12 months									55.6	62.5	No		

2009 YOUTH RISK BEHAVIOR SURVEY RESULTS

**North Carolina (Region 1) Middle School Survey
Trend Analysis Report**

Question	Prevalence Survey Year										Linear Change	Quadratic Change	
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009			
Total													
Other													
Percentage of students who had ever been told by a doctor or nurse that they had asthma								19.4	24.0	20.2	No	Yes	

2009 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina (Region 1) Middle School Survey
Trend Analysis Report

Question	Prevalence Survey Year										Linear Change	Quadratic Change	
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009			
Male													
Injury and Violence													
Among students who rode a bicycle, the percentage who never or rarely wore a bicycle helmet								79.6	80.2	87.9	No	No	
Percentage of students who never or rarely wore a seat belt when riding in a car							15.8	11.7	14.2	7.2	Yes	No	
Percentage of students who ever rode in a car driven by someone who had been drinking alcohol							27.8	32.0	29.4	25.4	No	No	
Percentage of students who ever carried a weapon, such as a gun, knife, or club								53.8	54.3	49.6	No	No	
Percentage of students who have ever been in a physical fight								71.0	69.0	65.9	No	No	
Percentage of students who were ever in a physical fight in which they were hurt and had to be treated by a doctor or nurse							16.6	8.9	6.5	6.4	Yes	No	
Percentage of students who ever seriously thought about killing themselves							18.8	11.2	15.4	13.5	No	No	
Percentage of students who ever made a plan about how they would kill themselves								7.9	11.9	10.8	No	No	

2009 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina (Region 1) Middle School Survey
Trend Analysis Report

Question	Prevalence Survey Year										Linear Change	Quadratic Change	
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009			
Male													
Tobacco Use													
Percentage of students who smoked a whole cigarette for the first time before age 11 years										8.7	6.4	No	
Percentage of students who smoked cigarettes on one or more of the past 30 days								18.3	12.5	11.2	7.4	Yes	No
Percentage of students who smoked cigarettes on 20 or more of the past 30 days								6.0	2.4	2.3	0.4	Yes	No

2009 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina (Region 1) Middle School Survey
Trend Analysis Report

Question	Prevalence Survey Year										Linear Change	Quadratic Change	
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009			
Male													
Alcohol and Other Drug Use													
Percentage of students who ever had a drink of alcohol, other than a few sips								38.9	34.1	29.3		Yes	No
Percentage of students who had their first drink of alcohol other than a few sips before age 11 years									16.7	11.3		Yes	
Percentage of students who ever used marijuana								14.1	15.1	9.2		Yes	No
Percentage of students who tried marijuana for the first time before age 11 years									4.4	2.6		No	
Percentage of students who ever used any form of cocaine, including powder, crack, or freebase								5.6	4.3	3.4	1.7	Yes	No
Percentage of students who ever sniffed glue, breathed the contents of spray cans, or inhaled any paints or sprays to get high								16.9	13.6	13.2	10.0	Yes	No
Percentage of students who ever used steroid pills or shots without a doctor's prescription										3.2	1.6	No	

2009 YOUTH RISK BEHAVIOR SURVEY RESULTS

**North Carolina (Region 1) Middle School Survey
Trend Analysis Report**

Question	Prevalence Survey Year										Linear Change	Quadratic Change	
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009			
Male													
Sexual Behaviors													
Percentage of students who had ever been taught in school about AIDS or HIV infection							71.6	73.6	67.1	63.1		No	No

2009 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina (Region 1) Middle School Survey
Trend Analysis Report

Question	Prevalence Survey Year										Linear Change	Quadratic Change	
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009			
Male													
Weight Management and Dietary Behaviors													
Percentage of students who described themselves as slightly or very overweight							23.8	21.2	23.6	22.4		No	No
Percentage of students who were trying to lose weight							36.9	34.4	35.4	35.0		No	No
Percentage of students who had ever exercised to lose weight or to keep from gaining weight							59.5	61.5	62.1	64.9		No	No
Percentage of students who had ever eaten less food, fewer calories, or foods low in fat to lose weight or to keep from gaining weight								33.6	34.2	33.5		No	No
Percentage of students who had ever gone without eating for 24 hours or more to lose weight or to keep from gaining weight										14.1	10.0	Yes	
Percentage of students who had ever taken diet pills, powders, or liquids without a doctor's advice to lose weight or to keep from gaining weight							4.4	4.1	5.2	3.5		No	No
Percentage of students who had ever vomited or taken laxatives to lose weight or to keep from gaining weight							5.0	4.2	5.6	2.6		No	No

2009 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina (Region 1) Middle School Survey
Trend Analysis Report

Question	Prevalence Survey Year										Linear Change	Quadratic Change	
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009			
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								58.0	61.0	67.6	Yes	No	
Percentage of students who watched three or more hours per day of TV on an average school day								42.0	48.4	46.2	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									31.6	32.9	No		
Percentage of students who played on one or more sports teams during the past 12 months									60.6	66.7	No		

2009 YOUTH RISK BEHAVIOR SURVEY RESULTS

**North Carolina (Region 1) Middle School Survey
Trend Analysis Report**

Question	Prevalence Survey Year										Linear Change	Quadratic Change	
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009			
Male													
Other													
Percentage of students who had ever been told by a doctor or nurse that they had asthma								18.8	25.2	21.2	No	Yes	

2009 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina (Region 1) Middle School Survey
Trend Analysis Report

Question	Prevalence Survey Year										Linear Change	Quadratic Change	
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009			
Female													
Injury and Violence													
Among students who rode a bicycle, the percentage who never or rarely wore a bicycle helmet								81.0	79.4	81.9	No	No	
Percentage of students who never or rarely wore a seat belt when riding in a car							9.9	7.0	8.6	7.9	No	No	
Percentage of students who ever rode in a car driven by someone who had been drinking alcohol							25.9	31.9	26.3	26.4	No	No	
Percentage of students who ever carried a weapon, such as a gun, knife, or club								23.8	19.7	19.0	No	No	
Percentage of students who have ever been in a physical fight								49.7	39.9	41.6	Yes	Yes	
Percentage of students who were ever in a physical fight in which they were hurt and had to be treated by a doctor or nurse							4.5	5.3	4.9	4.6	No	No	
Percentage of students who ever seriously thought about killing themselves							24.2	26.4	24.3	21.3	No	No	
Percentage of students who ever made a plan about how they would kill themselves								15.6	15.2	16.8	No	No	

2009 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina (Region 1) Middle School Survey
Trend Analysis Report

Question	Prevalence Survey Year										Linear Change	Quadratic Change	
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009			
Female													
Tobacco Use													
Percentage of students who smoked a whole cigarette for the first time before age 11 years										6.0	5.0	No	
Percentage of students who smoked cigarettes on one or more of the past 30 days								11.9	10.3	10.1	5.8	No	No
Percentage of students who smoked cigarettes on 20 or more of the past 30 days								1.5	1.3	0.3	0.1	Yes	No

2009 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina (Region 1) Middle School Survey
Trend Analysis Report

Question	Prevalence Survey Year										Linear Change	Quadratic Change	
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009			
Female													
Alcohol and Other Drug Use													
Percentage of students who ever had a drink of alcohol, other than a few sips								35.3	29.2	31.9		No	No
Percentage of students who had their first drink of alcohol other than a few sips before age 11 years									10.9	12.8		No	
Percentage of students who ever used marijuana									11.2	7.2	9.0	No	No
Percentage of students who tried marijuana for the first time before age 11 years										2.1	2.2	No	
Percentage of students who ever used any form of cocaine, including powder, crack, or freebase								4.2	4.5	1.3	2.2	Yes	No
Percentage of students who ever sniffed glue, breathed the contents of spray cans, or inhaled any paints or sprays to get high								12.7	15.6	10.4	12.5	No	No
Percentage of students who ever used steroid pills or shots without a doctor's prescription										1.9	1.5	No	

2009 YOUTH RISK BEHAVIOR SURVEY RESULTS

**North Carolina (Region 1) Middle School Survey
Trend Analysis Report**

Question	Prevalence Survey Year										Linear Change	Quadratic Change	
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009			
Female													
Sexual Behaviors													
Percentage of students who had ever been taught in school about AIDS or HIV infection							70.0	70.9	65.4	62.7		Yes	No

2009 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina (Region 1) Middle School Survey
Trend Analysis Report

Question	Prevalence Survey Year										Linear Change	Quadratic Change	
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009			
Female													
Weight Management and Dietary Behaviors													
Percentage of students who described themselves as slightly or very overweight							28.6	28.4	27.0	27.5		No	No
Percentage of students who were trying to lose weight							49.8	54.7	52.9	55.1		No	No
Percentage of students who had ever exercised to lose weight or to keep from gaining weight							73.2	73.9	76.7	75.0		No	No
Percentage of students who had ever eaten less food, fewer calories, or foods low in fat to lose weight or to keep from gaining weight								53.3	53.5	53.5		No	No
Percentage of students who had ever gone without eating for 24 hours or more to lose weight or to keep from gaining weight										20.4	23.0	No	
Percentage of students who had ever taken diet pills, powders, or liquids without a doctor's advice to lose weight or to keep from gaining weight							5.8	6.7	8.8	6.2		No	No
Percentage of students who had ever vomited or taken laxatives to lose weight or to keep from gaining weight							7.9	6.6	7.6	5.3		No	No

2009 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina (Region 1) Middle School Survey
Trend Analysis Report

Question	Prevalence Survey Year										Linear Change	Quadratic Change	
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009			
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								46.0	49.3	51.8	No	No	
Percentage of students who watched three or more hours per day of TV on an average school day								42.8	46.4	42.1	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									22.3	28.6	Yes		
Percentage of students who played on one or more sports teams during the past 12 months									50.2	58.2	Yes		

2009 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina (Region 1) Middle School Survey
Trend Analysis Report

Question	Prevalence Survey Year										Linear Change	Quadratic Change	
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009			
Female													
Other													
Percentage of students who had ever been told by a doctor or nurse that they had asthma								19.8	22.4	19.1	No	No	

2009 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina (Region 1) Middle School Survey
Trend Analysis Report

Question	Prevalence Survey Year										Linear Change	Quadratic Change	
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009			
White*													
Injury and Violence													
Among students who rode a bicycle, the percentage who never or rarely wore a bicycle helmet								72.1	72.8	80.4	No	No	
Percentage of students who never or rarely wore a seat belt when riding in a car							10.0	8.2	10.8	5.8	No	No	
Percentage of students who ever rode in a car driven by someone who had been drinking alcohol							27.4	27.7	26.4	26.4	No	No	
Percentage of students who ever carried a weapon, such as a gun, knife, or club								46.2	44.6	40.8	No	No	
Percentage of students who have ever been in a physical fight								52.3	50.1	47.9	No	No	
Percentage of students who were ever in a physical fight in which they were hurt and had to be treated by a doctor or nurse							12.0	6.7	5.5	4.8	Yes	No	
Percentage of students who ever seriously thought about killing themselves							19.6	17.1	17.8	14.4	No	No	
Percentage of students who ever made a plan about how they would kill themselves								9.3	11.9	11.6	No	No	

*Non-Hispanic.

2009 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina (Region 1) Middle School Survey
Trend Analysis Report

Question	Prevalence Survey Year										Linear Change	Quadratic Change	
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009			
White*													
Tobacco Use													
Percentage of students who smoked a whole cigarette for the first time before age 11 years										6.8	4.8	No	
Percentage of students who smoked cigarettes on one or more of the past 30 days								15.0	8.7	10.2	5.7	Yes	No
Percentage of students who smoked cigarettes on 20 or more of the past 30 days								4.3	2.4	1.0	0.3	Yes	No

*Non-Hispanic.

2009 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina (Region 1) Middle School Survey
Trend Analysis Report

Question	Prevalence Survey Year										Linear Change	Quadratic Change	
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009			
White*													
Alcohol and Other Drug Use													
Percentage of students who ever had a drink of alcohol, other than a few sips								35.7	31.5	27.0		Yes	No
Percentage of students who had their first drink of alcohol other than a few sips before age 11 years									13.5	9.8		No	
Percentage of students who ever used marijuana								9.7	9.7	6.9		No	No
Percentage of students who tried marijuana for the first time before age 11 years									3.0	2.2		No	
Percentage of students who ever used any form of cocaine, including powder, crack, or freebase								5.6	4.5	2.6	1.3	Yes	No
Percentage of students who ever sniffed glue, breathed the contents of spray cans, or inhaled any paints or sprays to get high								14.0	15.3	12.7	8.8	Yes	No
Percentage of students who ever used steroid pills or shots without a doctor's prescription										2.3	1.5	No	

*Non-Hispanic.

2009 YOUTH RISK BEHAVIOR SURVEY RESULTS

**North Carolina (Region 1) Middle School Survey
Trend Analysis Report**

Question	Prevalence Survey Year										Linear Change	Quadratic Change	
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009			
White*													
Sexual Behaviors													
Percentage of students who had ever been taught in school about AIDS or HIV infection							70.0	70.1	65.1	59.3	Yes	No	

*Non-Hispanic.

2009 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina (Region 1) Middle School Survey
Trend Analysis Report

Question	Prevalence Survey Year										Linear Change	Quadratic Change	
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009			
White*													
Weight Management and Dietary Behaviors													
Percentage of students who described themselves as slightly or very overweight							28.6	25.1	24.4	24.1		No	No
Percentage of students who were trying to lose weight							45.2	43.9	42.7	43.1		No	No
Percentage of students who had ever exercised to lose weight or to keep from gaining weight							70.8	68.5	68.1	69.2		No	No
Percentage of students who had ever eaten less food, fewer calories, or foods low in fat to lose weight or to keep from gaining weight								45.8	43.5	43.0		No	No
Percentage of students who had ever gone without eating for 24 hours or more to lose weight or to keep from gaining weight										17.6	12.7	Yes	
Percentage of students who had ever taken diet pills, powders, or liquids without a doctor's advice to lose weight or to keep from gaining weight							6.4	5.1	8.0	4.4		No	No
Percentage of students who had ever vomited or taken laxatives to lose weight or to keep from gaining weight							6.2	4.3	7.3	2.9		No	No

*Non-Hispanic.

2009 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina (Region 1) Middle School Survey
Trend Analysis Report

Question	Prevalence Survey Year										Linear Change	Quadratic Change	
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009			
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								60.3	62.6	62.3	No	No	
Percentage of students who watched three or more hours per day of TV on an average school day								29.1	36.2	33.4	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									24.5	28.2	No		
Percentage of students who played on one or more sports teams during the past 12 months									57.7	65.8	No		

*Non-Hispanic.

2009 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina (Region 1) Middle School Survey
Trend Analysis Report

Question	Prevalence Survey Year										Linear Change	Quadratic Change	
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009			
White*													
Other													
Percentage of students who had ever been told by a doctor or nurse that they had asthma								18.4	23.3	19.2	No	No	

*Non-Hispanic.

2009 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina (Region 1) Middle School Survey
Trend Analysis Report

Question	Prevalence Survey Year										Linear Change	Quadratic Change	
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009			
Black*													
Injury and Violence													
Among students who rode a bicycle, the percentage who never or rarely wore a bicycle helmet								90.4	88.1	91.9		No	No
Percentage of students who never or rarely wore a seat belt when riding in a car								15.4	11.0	10.7	9.0	No	No
Percentage of students who ever rode in a car driven by someone who had been drinking alcohol								25.2	38.5	29.5	27.1	No	Yes
Percentage of students who ever carried a weapon, such as a gun, knife, or club									30.3	28.3	26.3	No	No
Percentage of students who have ever been in a physical fight									72.1	59.3	64.2	No	Yes
Percentage of students who were ever in a physical fight in which they were hurt and had to be treated by a doctor or nurse								9.2	7.3	6.2	5.6	No	No
Percentage of students who ever seriously thought about killing themselves								24.2	19.8	21.0	19.5	No	No
Percentage of students who ever made a plan about how they would kill themselves									13.6	14.0	17.3	No	No

*Non-Hispanic.

2009 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina (Region 1) Middle School Survey
Trend Analysis Report

Question	Prevalence Survey Year										Linear Change	Quadratic Change	
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009			
Black*													
Tobacco Use													
Percentage of students who smoked a whole cigarette for the first time before age 11 years										8.0	6.5	No	
Percentage of students who smoked cigarettes on one or more of the past 30 days								15.8	15.5	10.6	7.4	Yes	No
Percentage of students who smoked cigarettes on 20 or more of the past 30 days								3.3	1.2	1.7	0.0	Yes	No

*Non-Hispanic.

2009 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina (Region 1) Middle School Survey
Trend Analysis Report

Question	Prevalence Survey Year										Linear Change	Quadratic Change	
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009			
Black*													
Alcohol and Other Drug Use													
Percentage of students who ever had a drink of alcohol, other than a few sips								39.5	29.6	35.5		No	No
Percentage of students who had their first drink of alcohol other than a few sips before age 11 years									12.5	14.7		No	
Percentage of students who ever used marijuana								16.1	12.7	10.9		No	No
Percentage of students who tried marijuana for the first time before age 11 years									3.1	2.1		No	
Percentage of students who ever used any form of cocaine, including powder, crack, or freebase								3.8	3.6	1.5	2.0	No	No
Percentage of students who ever sniffed glue, breathed the contents of spray cans, or inhaled any paints or sprays to get high								15.1	12.6	11.4	13.5	No	No
Percentage of students who ever used steroid pills or shots without a doctor's prescription										2.3	1.5	No	

*Non-Hispanic.

2009 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina (Region 1) Middle School Survey
Trend Analysis Report

Question	Prevalence Survey Year										Linear Change	Quadratic Change	
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009			
Black*													
Sexual Behaviors													
Percentage of students who had ever been taught in school about AIDS or HIV infection							71.5	76.6	69.9	70.3		No	No

*Non-Hispanic.

2009 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina (Region 1) Middle School Survey
Trend Analysis Report

Question	Prevalence Survey Year										Linear Change	Quadratic Change	
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009			
Black*													
Weight Management and Dietary Behaviors													
Percentage of students who described themselves as slightly or very overweight							24.1	23.5	26.5	25.1		No	No
Percentage of students who were trying to lose weight							40.4	43.7	43.1	45.5		No	No
Percentage of students who had ever exercised to lose weight or to keep from gaining weight							61.2	65.8	71.1	69.8		No	No
Percentage of students who had ever eaten less food, fewer calories, or foods low in fat to lose weight or to keep from gaining weight								39.4	43.2	42.2		No	No
Percentage of students who had ever gone without eating for 24 hours or more to lose weight or to keep from gaining weight										16.8	21.0	No	
Percentage of students who had ever taken diet pills, powders, or liquids without a doctor's advice to lose weight or to keep from gaining weight							2.6	5.6	4.6	5.9		No	No
Percentage of students who had ever vomited or taken laxatives to lose weight or to keep from gaining weight							6.1	7.1	4.6	4.8		No	No

*Non-Hispanic.

2009 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina (Region 1) Middle School Survey
Trend Analysis Report

Question	Prevalence Survey Year										Linear Change	Quadratic Change	
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009			
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								42.8	48.4	57.7	Yes	No	
Percentage of students who watched three or more hours per day of TV on an average school day								58.3	62.3	59.3	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									30.2	37.3	Yes		
Percentage of students who played on one or more sports teams during the past 12 months									55.0	60.7	No		

*Non-Hispanic.

2009 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina (Region 1) Middle School Survey
Trend Analysis Report

Question	Prevalence Survey Year										Linear Change	Quadratic Change	
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009			
Black*													
Other													
Percentage of students who had ever been told by a doctor or nurse that they had asthma								21.7	25.6	22.6	No	No	

*Non-Hispanic.

2009 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina (Region 1) Middle School Survey
Trend Analysis Report

Question	Prevalence Survey Year										Linear Change	Quadratic Change	
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009			
Hispanic/Latino													
Injury and Violence													
Among students who rode a bicycle, the percentage who never or rarely wore a bicycle helmet									81.5	81.7		No	
Percentage of students who never or rarely wore a seat belt when riding in a car								8.9	16.1	9.6		No	No
Percentage of students who ever rode in a car driven by someone who had been drinking alcohol								25.4	29.2	20.3		No	No
Percentage of students who ever carried a weapon, such as a gun, knife, or club								37.8	38.3	34.0		No	No
Percentage of students who have ever been in a physical fight								55.0	59.0	48.1		No	No
Percentage of students who were ever in a physical fight in which they were hurt and had to be treated by a doctor or nurse								10.5	7.7	4.8		No	No
Percentage of students who ever seriously thought about killing themselves								21.8	19.7	24.8		No	No
Percentage of students who ever made a plan about how they would kill themselves								16.9	16.0	12.1		No	No

2009 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina (Region 1) Middle School Survey
Trend Analysis Report

Question	Prevalence Survey Year										Linear Change	Quadratic Change	
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009			
Hispanic/Latino													
Tobacco Use													
Percentage of students who smoked a whole cigarette for the first time before age 11 years									8.0	9.8		No	
Percentage of students who smoked cigarettes on one or more of the past 30 days								9.2	14.6	8.2		No	No
Percentage of students who smoked cigarettes on 20 or more of the past 30 days								1.9	2.4	0.7		No	No

2009 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina (Region 1) Middle School Survey
Trend Analysis Report

Question	Prevalence Survey Year										Linear Change	Quadratic Change	
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009			
Hispanic/Latino													
Alcohol and Other Drug Use													
Percentage of students who ever had a drink of alcohol, other than a few sips								34.5	41.0	36.5	No	No	
Percentage of students who had their first drink of alcohol other than a few sips before age 11 years									20.4	15.2	No		
Percentage of students who ever used marijuana								11.4	14.2	15.9	No	No	
Percentage of students who tried marijuana for the first time before age 11 years									5.0	4.4	No		
Percentage of students who ever used any form of cocaine, including powder, crack, or freebase								5.3	6.2	5.7	No	No	
Percentage of students who ever sniffed glue, breathed the contents of spray cans, or inhaled any paints or sprays to get high								17.7	9.1	14.5	No	No	
Percentage of students who ever used steroid pills or shots without a doctor's prescription									7.3	2.0	No		

2009 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina (Region 1) Middle School Survey
Trend Analysis Report

Question	Prevalence Survey Year										Linear Change	Quadratic Change	
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009			
Hispanic/Latino													
Sexual Behaviors													
Percentage of students who had ever been taught in school about AIDS or HIV infection								64.3	52.9	54.7	No	No	

2009 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina (Region 1) Middle School Survey
Trend Analysis Report

Question	Prevalence Survey Year										Linear Change	Quadratic Change	
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009			
Hispanic/Latino													
Weight Management and Dietary Behaviors													
Percentage of students who described themselves as slightly or very overweight								23.8	23.8	32.3	No	No	
Percentage of students who were trying to lose weight								50.9	55.2	56.9	No	No	
Percentage of students who had ever exercised to lose weight or to keep from gaining weight								67.4	65.9	76.2	Yes	No	
Percentage of students who had ever eaten less food, fewer calories, or foods low in fat to lose weight or to keep from gaining weight								42.5	44.8	56.8	Yes	No	
Percentage of students who had ever gone without eating for 24 hours or more to lose weight or to keep from gaining weight									19.7	21.3	No		
Percentage of students who had ever taken diet pills, powders, or liquids without a doctor's advice to lose weight or to keep from gaining weight								8.1	8.6	2.7	No	No	
Percentage of students who had ever vomited or taken laxatives to lose weight or to keep from gaining weight								4.2	8.1	5.5	No	No	

2009 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina (Region 1) Middle School Survey
Trend Analysis Report

Question	Prevalence Survey Year										Linear Change	Quadratic Change	
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009			
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								46.3	52.3	54.4	No	No	
Percentage of students who watched three or more hours per day of TV on an average school day								51.4	41.9	40.3	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									22.6	20.5	No		
Percentage of students who played on one or more sports teams during the past 12 months									46.8	49.1	No		

2009 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina (Region 1) Middle School Survey
Trend Analysis Report

Question	Prevalence Survey Year										Linear Change	Quadratic Change	
	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009			
Hispanic/Latino													
Other													
Percentage of students who had ever been told by a doctor or nurse that they had asthma								10.0	19.6	15.0	No	No	