

2007 YOUTH RISK BEHAVIOR SURVEY RESULTS

North Carolina (Region 3) Middle School Survey
Trend Analysis Report

Question	Prevalence Survey Year										Linear Change	Quadratic Change
	1991	1993	1995	1997	1999	2001	2003	2005	2007			
Total												
Injury and Violence												
Among students who rode a bicycle, the percentage who never or rarely wore a bicycle helmet								72.0	74.5		No	
Percentage of students who never or rarely wore a seat belt when riding in a car								8.8	12.4		No	
Percentage of students who ever rode in a car driven by someone who had been drinking alcohol								28.4	23.3		No	
Percentage of students who ever carried a weapon, such as a gun, knife, or club								47.5	42.8		No	
Percentage of students who have ever been in a physical fight								57.4	50.7		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								8.0	5.6		No	
Percentage of students who ever seriously thought about killing themselves								20.3	20.9		No	
Percentage of students who ever made a plan about how they would kill themselves								13.4	15.5		No	

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Question	Prevalence Survey Year										Linear Change	Quadratic Change
	1991	1993	1995	1997	1999	2001	2003	2005	2007			
Total												
Tobacco Use												
Percentage of students who smoked cigarettes on one or more of the past 30 days								12.0	11.6		No	
Percentage of students who smoked cigarettes on 20 or more of the past 30 days								2.2	2.7		No	

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Question	Prevalence Survey Year										Linear Change	Quadratic Change
	1991	1993	1995	1997	1999	2001	2003	2005	2007			
Total												
Alcohol and Other Drug Use												
Percentage of students who ever had a drink of alcohol, other than a few sips								32.2	29.7		No	
Percentage of students who ever used marijuana								11.7	9.5		No	
Percentage of students who ever used any form of cocaine, including powder, crack, or freebase								4.0	2.4		No	
Percentage of students who ever sniffed glue, breathed the contents of spray cans, or inhaled any paints or sprays to get high								15.8	10.8		Yes	

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Question	Prevalence Survey Year										Linear Change	Quadratic Change
	1991	1993	1995	1997	1999	2001	2003	2005	2007			
Total												
Sexual Behaviors												
Percentage of students who had ever been taught in school about AIDS or HIV infection								68.4	65.2		No	

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Question	Prevalence Survey Year										Linear Change	Quadratic Change
	1991	1993	1995	1997	1999	2001	2003	2005	2007			
Total												
Weight Management and Dietary Behaviors												
Percentage of students who described themselves as slightly or very overweight								30.5	24.6		Yes	
Percentage of students who were trying to lose weight								49.6	45.7		No	
Percentage of students who had ever exercised to lose weight or to keep from gaining weight								72.1	71.8		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								45.4	47.4		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								5.5	7.4		No	
Percentage of students who had ever vomited or taken laxatives to lose weight or to keep from gaining weight								6.5	7.1		No	

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Question	Prevalence Survey Year										Linear Change	Quadratic Change
	1991	1993	1995	1997	1999	2001	2003	2005	2007			
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								54.6	58.4		No	
Percentage of students who watched three or more hours per day of TV on an average school day								35.5	33.1		No	
Percentage of students who attended physical education (PE) classes one or more days during an average school week								85.6	87.1		No	
Percentage of students who attended physical education (PE) classes daily in an average week when they were in school								23.7	42.6		No	

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Question	Prevalence Survey Year										Linear Change	Quadratic Change
	1991	1993	1995	1997	1999	2001	2003	2005	2007			
Total												
Other												
Percentage of student who had ever been told by a doctor or nurse that they had asthma								18.9	21.5		No	

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Question	Prevalence Survey Year										Linear Change	Quadratic Change
	1991	1993	1995	1997	1999	2001	2003	2005	2007			
Male												
Injury and Violence												
Among students who rode a bicycle, the percentage who never or rarely wore a bicycle helmet								75.0	75.3		No	
Percentage of students who never or rarely wore a seat belt when riding in a car								11.3	14.2		No	
Percentage of students who ever rode in a car driven by someone who had been drinking alcohol								28.4	23.5		No	
Percentage of students who ever carried a weapon, such as a gun, knife, or club								66.4	62.0		No	
Percentage of students who have ever been in a physical fight								73.1	65.4		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								10.7	7.5		No	
Percentage of students who ever seriously thought about killing themselves								15.0	16.8		No	
Percentage of students who ever made a plan about how they would kill themselves								9.0	12.6		No	

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Question	Prevalence Survey Year										Linear Change	Quadratic Change
	1991	1993	1995	1997	1999	2001	2003	2005	2007			
Male												
Tobacco Use												
Percentage of students who smoked cigarettes on one or more of the past 30 days								11.8	11.3		No	
Percentage of students who smoked cigarettes on 20 or more of the past 30 days								2.3	2.1		No	

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Question	Prevalence Survey Year										Linear Change	Quadratic Change
	1991	1993	1995	1997	1999	2001	2003	2005	2007			
Male												
Alcohol and Other Drug Use												
Percentage of students who ever had a drink of alcohol, other than a few sips								33.0	29.4		No	
Percentage of students who ever used marijuana								11.8	10.7		No	
Percentage of students who ever used any form of cocaine, including powder, crack, or freebase								3.5	1.4		Yes	
Percentage of students who ever sniffed glue, breathed the contents of spray cans, or inhaled any paints or sprays to get high								16.3	10.1		Yes	

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Question	Prevalence Survey Year										Linear Change	Quadratic Change
	1991	1993	1995	1997	1999	2001	2003	2005	2007			
Male												
Sexual Behaviors												
Percentage of students who had ever been taught in school about AIDS or HIV infection								67.5	64.2		No	

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Question	Prevalence Survey Year										Linear Change	Quadratic Change
	1991	1993	1995	1997	1999	2001	2003	2005	2007			
Male												
Weight Management and Dietary Behaviors												
Percentage of students who described themselves as slightly or very overweight								28.9	24.9		No	
Percentage of students who were trying to lose weight								41.4	39.2		No	
Percentage of students who had ever exercised to lose weight or to keep from gaining weight								66.2	66.4		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								35.6	38.9		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								3.1	6.6		No	
Percentage of students who had ever vomited or taken laxatives to lose weight or to keep from gaining weight								3.4	6.5		No	

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Question	Prevalence Survey Year										Linear Change	Quadratic Change
	1991	1993	1995	1997	1999	2001	2003	2005	2007			
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								60.9	62.2		No	
Percentage of students who watched three or more hours per day of TV on an average school day								34.4	32.8		No	
Percentage of students who attended physical education (PE) classes one or more days during an average school week								86.5	88.4		No	
Percentage of students who attended physical education (PE) classes daily in an average week when they were in school								21.9	44.5		Yes	

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Question	Prevalence Survey Year										Linear Change	Quadratic Change	
	1991	1993	1995	1997	1999	2001	2003	2005	2007				
Male													
Other													
Percentage of student who had ever been told by a doctor or nurse that they had asthma								20.7	24.3			No	

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Question	Prevalence Survey Year										Linear Change	Quadratic Change
	1991	1993	1995	1997	1999	2001	2003	2005	2007			
Female												
Injury and Violence												
Among students who rode a bicycle, the percentage who never or rarely wore a bicycle helmet								68.7	73.6		No	
Percentage of students who never or rarely wore a seat belt when riding in a car								6.0	10.5		No	
Percentage of students who ever rode in a car driven by someone who had been drinking alcohol								28.4	23.1		No	
Percentage of students who ever carried a weapon, such as a gun, knife, or club								27.7	22.7		No	
Percentage of students who have ever been in a physical fight								41.0	35.6		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								4.9	3.6		No	
Percentage of students who ever seriously thought about killing themselves								25.9	25.2		No	
Percentage of students who ever made a plan about how they would kill themselves								17.9	18.6		No	

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Question	Prevalence Survey Year										Linear Change	Quadratic Change
	1991	1993	1995	1997	1999	2001	2003	2005	2007			
Female												
Tobacco Use												
Percentage of students who smoked cigarettes on one or more of the past 30 days								12.0	12.0		No	
Percentage of students who smoked cigarettes on 20 or more of the past 30 days								2.1	3.4		No	

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Question	Prevalence Survey Year										Linear Change	Quadratic Change
	1991	1993	1995	1997	1999	2001	2003	2005	2007			
Female												
Alcohol and Other Drug Use												
Percentage of students who ever had a drink of alcohol, other than a few sips								31.5	29.9		No	
Percentage of students who ever used marijuana								11.4	8.3		No	
Percentage of students who ever used any form of cocaine, including powder, crack, or freebase								4.4	3.3		No	
Percentage of students who ever sniffed glue, breathed the contents of spray cans, or inhaled any paints or sprays to get high								15.2	11.6		No	

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Question	Prevalence Survey Year										Linear Change	Quadratic Change
	1991	1993	1995	1997	1999	2001	2003	2005	2007			
Female												
Sexual Behaviors												
Percentage of students who had ever been taught in school about AIDS or HIV infection								69.4	66.2		No	

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Question	Prevalence Survey Year										Linear Change	Quadratic Change
	1991	1993	1995	1997	1999	2001	2003	2005	2007			
Female												
Weight Management and Dietary Behaviors												
Percentage of students who described themselves as slightly or very overweight								32.1	24.4			Yes
Percentage of students who were trying to lose weight								58.2	52.3			No
Percentage of students who had ever exercised to lose weight or to keep from gaining weight								78.3	77.4			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								55.7	56.2			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								8.0	8.3			No
Percentage of students who had ever vomited or taken laxatives to lose weight or to keep from gaining weight								9.6	7.6			No

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Question	Prevalence Survey Year										Linear Change	Quadratic Change
	1991	1993	1995	1997	1999	2001	2003	2005	2007			
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								48.2	54.5		No	
Percentage of students who watched three or more hours per day of TV on an average school day								36.5	33.4		No	
Percentage of students who attended physical education (PE) classes one or more days during an average school week								84.8	85.8		No	
Percentage of students who attended physical education (PE) classes daily in an average week when they were in school								25.4	40.7		No	

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Question	Prevalence Survey Year										Linear Change	Quadratic Change
	1991	1993	1995	1997	1999	2001	2003	2005	2007			
Female												
Other												
Percentage of student who had ever been told by a doctor or nurse that they had asthma								16.9	18.7		No	

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Question	Prevalence Survey Year										Linear Change	Quadratic Change
	1991	1993	1995	1997	1999	2001	2003	2005	2007			
White*												
Injury and Violence												
Among students who rode a bicycle, the percentage who never or rarely wore a bicycle helmet								68.9	70.3		No	
Percentage of students who never or rarely wore a seat belt when riding in a car								6.9	11.2		No	
Percentage of students who ever rode in a car driven by someone who had been drinking alcohol								28.0	24.2		No	
Percentage of students who ever carried a weapon, such as a gun, knife, or club								49.4	46.0		No	
Percentage of students who have ever been in a physical fight								55.5	49.0		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								7.7	5.1		No	
Percentage of students who ever seriously thought about killing themselves								19.6	20.2		No	
Percentage of students who ever made a plan about how they would kill themselves								12.7	14.9		No	

*Non-Hispanic.

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Question	Prevalence Survey Year										Linear Change	Quadratic Change
	1991	1993	1995	1997	1999	2001	2003	2005	2007			
White*												
Tobacco Use												
Percentage of students who smoked cigarettes on one or more of the past 30 days								11.3	10.8		No	
Percentage of students who smoked cigarettes on 20 or more of the past 30 days								2.1	2.6		No	

*Non-Hispanic.

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Question	Prevalence Survey Year										Linear Change	Quadratic Change
	1991	1993	1995	1997	1999	2001	2003	2005	2007			
White*												
Alcohol and Other Drug Use												
Percentage of students who ever had a drink of alcohol, other than a few sips								31.6	27.7		No	
Percentage of students who ever used marijuana								10.3	9.4		No	
Percentage of students who ever used any form of cocaine, including powder, crack, or freebase								3.3	2.4		No	
Percentage of students who ever sniffed glue, breathed the contents of spray cans, or inhaled any paints or sprays to get high								15.8	11.5		Yes	

*Non-Hispanic.

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Question	Prevalence Survey Year										Linear Change	Quadratic Change
	1991	1993	1995	1997	1999	2001	2003	2005	2007			
White*												
Sexual Behaviors												
Percentage of students who had ever been taught in school about AIDS or HIV infection								69.5	67.4		No	

*Non-Hispanic.

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Question	Prevalence Survey Year										Linear Change	Quadratic Change
	1991	1993	1995	1997	1999	2001	2003	2005	2007			
White*												
Weight Management and Dietary Behaviors												
Percentage of students who described themselves as slightly or very overweight								31.1	24.4		Yes	
Percentage of students who were trying to lose weight								49.9	45.1		No	
Percentage of students who had ever exercised to lose weight or to keep from gaining weight								73.8	70.7		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								46.3	49.1		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								5.6	7.7		No	
Percentage of students who had ever vomited or taken laxatives to lose weight or to keep from gaining weight								6.1	7.8		No	

*Non-Hispanic.

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Question	Prevalence Survey Year										Linear Change	Quadratic Change
	1991	1993	1995	1997	1999	2001	2003	2005	2007			
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								56.0	60.0		No	
Percentage of students who watched three or more hours per day of TV on an average school day								32.3	32.3		No	
Percentage of students who attended physical education (PE) classes one or more days during an average school week								85.4	87.4		No	
Percentage of students who attended physical education (PE) classes daily in an average week when they were in school								22.5	40.3		No	

*Non-Hispanic.

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Question	Prevalence Survey Year										Linear Change	Quadratic Change
	1991	1993	1995	1997	1999	2001	2003	2005	2007			
White*												
Other												
Percentage of student who had ever been told by a doctor or nurse that they had asthma								17.7	22.1		No	

*Non-Hispanic.