## 2007 YOUTH RISK BEHAVIOR SURVEY RESULTS

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

| Question | Prevalence Survey Year |  |  |  |  |  |  |  |  | Linear <br> Change | Quadratic Change |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Total | 1991 | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 |  |  |
| Injury and Violence |  |  |  |  |  |  |  |  |  |  |  |
| Among students who rode a bicycle, the percentage who never or rarely wore a bicycle helmet |  |  |  |  |  |  |  | 80.3 | 79.9 | No |  |
| Percentage of students who never or rarely wore a seat belt when riding in a car |  |  |  |  |  |  | 12.9 | 9.5 | 11.6 | No | No |
| Percentage of students who ever rode in a car driven by someone who had been drinking alcohol |  |  |  |  |  |  | 27.0 | 32.0 | 27.9 | No | No |
| Percentage of students who ever carried a weapon, such as a gun, knife, or club |  |  |  |  |  |  |  | 39.2 | 37.3 | No |  |
| Percentage of students who have ever been in a physical fight |  |  |  |  |  |  |  | 60.6 | 54.8 | 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 | 7.2 | 5.8 | Yes | No |
| Percentage of students who ever seriously thought about killing themselves |  |  |  |  |  |  | 21.6 | 18.9 | 19.7 | No | No |
| Percentage of students who ever made a plan about how they would kill themselves |  |  |  |  |  |  |  | 11.8 | 13.5 | No |  |

# 2007 YOUTH RISK BEHAVIOR SURVEY RESULTS <br> North Carolina (Region 1) Middle School Survey Trend Analysis Report 

| Question | Prevalence <br> Survey Year |  |  |  |  |  |  |  |  | Linear Change | Quadratic Change |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Total | 1991 | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 |  |  |
| Tobacco Use |  |  |  |  |  |  |  |  |  |  |  |
| Percentage of students who smoked cigarettes on one or more of the past 30 days |  |  |  |  |  |  | 15.3 | 11.7 | 10.9 | No | No |
| Percentage of students who smoked cigarettes on 20 or more of the past 30 days |  |  |  |  |  |  | 3.8 | 1.9 | 1.4 | Yes | No |

# 2007 YOUTH RISK BEHAVIOR SURVEY RESULTS <br> North Carolina (Region 1) Middle School Survey <br> Trend Analysis Report 

| TotalQuestion | Prevalence Survey Year |  |  |  |  |  |  |  |  | Linear <br> Change | Quadratic Change |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1991 | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 |  |  |
| Alcohol and Other Drug Use |  |  |  |  |  |  |  |  |  |  |  |
| Percentage of students who ever had a drink of alcohol, other than a few sips |  |  |  |  |  |  |  | 37.2 | 31.8 | No |  |
| Percentage of students who ever used marijuana |  |  |  |  |  |  |  | 12.7 | 11.3 | No |  |
| Percentage of students who ever used any form of cocaine, including powder, crack, or freebase |  |  |  |  |  |  | 4.9 | 4.4 | 2.5 | 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 | No | No |

# 2007 YOUTH RISK BEHAVIOR SURVEY RESULTS <br> North Carolina (Region 1) Middle School Survey <br> Trend Analysis Report 

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

## 2007 YOUTH RISK BEHAVIOR SURVEY RESULTS

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

| Total Question | Prevalence Survey Year |  |  |  |  |  |  |  |  | Linear <br> Change | Quadratic Change |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1991 | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 |  |  |
| Weight Management and Dietary Behaviors |  |  |  |  |  |  |  |  |  |  |  |
| Percentage of students who described themselves as slightly or very overweight |  |  |  |  |  |  | 26.1 | 24.7 | 25.2 | No | No |
| Percentage of students who were trying to lose weight |  |  |  |  |  |  | 43.1 | 44.3 | 44.0 | No | No |
| Percentage of students who had ever exercised to lose weight or to keep from gaining weight |  |  |  |  |  |  | 66.2 | 67.3 | 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 |  |  |  |  |  |  |  | 43.1 | 43.6 | 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 | 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 | No | No |

# 2007 YOUTH RISK BEHAVIOR SURVEY RESULTS <br> North Carolina (Region 1) Middle School Survey Trend Analysis Report 

| TotalQuestion | Prevalence <br> Survey Year |  |  |  |  |  |  |  |  | Linear <br> Change | Quadratic Change |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1991 | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 |  |  |
| 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 | No |  |
| Percentage of students who watched three or more hours per day of TV on an average school day |  |  |  |  |  |  |  | 42.4 | 47.3 | No |  |
| Percentage of students who attended physical education (PE) classes one or more days during an average school week |  |  |  |  |  |  |  | 74.1 | 74.7 | No |  |
| Percentage of students who attended physical education (PE) classes daily in an average week when they were in school |  |  |  |  |  |  |  | 49.5 | 37.8 | No |  |

# 2007 YOUTH RISK BEHAVIOR SURVEY RESULTS <br> North Carolina (Region 1) Middle School Survey <br> Trend Analysis Report 

| Total | Prevalence <br> Survey Year |  |  |  |  |  |  |  |  | Linear <br> Change | Quadratic Change |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1991 | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 |  |  |
| Other |  |  |  |  |  |  |  |  |  |  |  |
| Percentage of student who had ever been told by a doctor or nurse that they had asthma |  |  |  |  |  |  |  | 19.4 | 24.0 | Yes |  |

## 2007 YOUTH RISK BEHAVIOR SURVEY RESULTS

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

| Question | Prevalence Survey Year |  |  |  |  |  |  |  |  | Linear <br> Change | Quadratic Change |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Male | 1991 | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 |  |  |
| Injury and Violence |  |  |  |  |  |  |  |  |  |  |  |
| Among students who rode a bicycle, the percentage who never or rarely wore a bicycle helmet |  |  |  |  |  |  |  | 79.6 | 80.2 | No |  |
| Percentage of students who never or rarely wore a seat belt when riding in a car |  |  |  |  |  |  | 15.8 | 11.7 | 14.2 | No | No |
| Percentage of students who ever rode in a car driven by someone who had been drinking alcohol |  |  |  |  |  |  | 27.8 | 32.0 | 29.4 | No | No |
| Percentage of students who ever carried a weapon, such as a gun, knife, or club |  |  |  |  |  |  |  | 53.8 | 54.3 | No |  |
| Percentage of students who have ever been in a physical fight |  |  |  |  |  |  |  | 71.0 | 69.0 | 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 | Yes | No |
| Percentage of students who ever seriously thought about killing themselves |  |  |  |  |  |  | 18.8 | 11.2 | 15.4 | No | Yes |
| Percentage of students who ever made a plan about how they would kill themselves |  |  |  |  |  |  |  | 7.9 | 11.9 | No |  |

# 2007 YOUTH RISK BEHAVIOR SURVEY RESULTS <br> North Carolina (Region 1) Middle School Survey <br> Trend Analysis Report 

| Male $\quad$ Question | Prevalence <br> Survey Year |  |  |  |  |  |  |  |  | Linear Change | Quadratic Change |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1991 | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 |  |  |
| Tobacco Use |  |  |  |  |  |  |  |  |  |  |  |
| Percentage of students who smoked cigarettes on one or more of the past 30 days |  |  |  |  |  |  | 18.3 | 12.5 | 11.2 | Yes | No |
| Percentage of students who smoked cigarettes on 20 or more of the past 30 days |  |  |  |  |  |  | 6.0 | 2.4 | 2.3 | Yes | No |

# 2007 YOUTH RISK BEHAVIOR SURVEY RESULTS <br> North Carolina (Region 1) Middle School Survey <br> Trend Analysis Report 

| Male | Prevalence <br> Survey Year |  |  |  |  |  |  |  |  | Linear Change | Quadratic Change |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1991 | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 |  |  |
| Alcohol and Other Drug Use |  |  |  |  |  |  |  |  |  |  |  |
| Percentage of students who ever had a drink of alcohol, other than a few sips |  |  |  |  |  |  |  | 38.9 | 34.1 | No |  |
| Percentage of students who ever used marijuana |  |  |  |  |  |  |  | 14.1 | 15.1 | No |  |
| Percentage of students who ever used any form of cocaine, including powder, crack, or freebase |  |  |  |  |  |  | 5.6 | 4.3 | 3.4 | No | 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 | No | No |

# 2007 YOUTH RISK BEHAVIOR SURVEY RESULTS <br> North Carolina (Region 1) Middle School Survey <br> Trend Analysis Report 

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

## 2007 YOUTH RISK BEHAVIOR SURVEY RESULTS

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

| Male ${ }^{\text {Question }}$ | Prevalence Survey Year |  |  |  |  |  |  |  |  | Linear <br> Change | Quadratic Change |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1991 | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 |  |  |
| Weight Management and Dietary Behaviors |  |  |  |  |  |  |  |  |  |  |  |
| Percentage of students who described themselves as slightly or very overweight |  |  |  |  |  |  | 23.8 | 21.2 | 23.6 | No | No |
| Percentage of students who were trying to lose weight |  |  |  |  |  |  | 36.9 | 34.4 | 35.4 | No | No |
| Percentage of students who had ever exercised to lose weight or to keep from gaining weight |  |  |  |  |  |  | 59.5 | 61.5 | 62.1 | 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 | 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 |  |  |  |  |  |  | 4.4 | 4.1 | 5.2 | 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 | No | No |

# 2007 YOUTH RISK BEHAVIOR SURVEY RESULTS <br> North Carolina (Region 1) Middle School Survey Trend Analysis Report 

| Male | Prevalence <br> Survey Year |  |  |  |  |  |  |  |  | Linear Change | Quadratic Change |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1991 | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 |  |  |
| 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 | No |  |
| Percentage of students who watched three or more hours per day of TV on an average school day |  |  |  |  |  |  |  | 42.0 | 48.4 | No |  |
| Percentage of students who attended physical education (PE) classes one or more days during an average school week |  |  |  |  |  |  |  | 74.6 | 76.3 | No |  |
| Percentage of students who attended physical education (PE) classes daily in an average week when they were in school |  |  |  |  |  |  |  | 46.4 | 37.9 | No |  |

# 2007 YOUTH RISK BEHAVIOR SURVEY RESULTS <br> North Carolina (Region 1) Middle School Survey <br> Trend Analysis Report 

| Question | Prevalence <br> Survey Year |  |  |  |  |  |  |  |  | Linear Change | Quadratic Change |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Male | 1991 | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 |  |  |
| Other |  |  |  |  |  |  |  |  |  |  |  |
| Percentage of student who had ever been told by a doctor or nurse that they had asthma |  |  |  |  |  |  |  | 18.8 | 25.2 | Yes |  |

## 2007 YOUTH RISK BEHAVIOR SURVEY RESULTS

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

| Question | Prevalence Survey Year |  |  |  |  |  |  |  |  | Linear <br> Change | Quadratic Change |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Female | 1991 | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 |  |  |
| Injury and Violence |  |  |  |  |  |  |  |  |  |  |  |
| Among students who rode a bicycle, the percentage who never or rarely wore a bicycle helmet |  |  |  |  |  |  |  | 81.0 | 79.4 | No |  |
| Percentage of students who never or rarely wore a seat belt when riding in a car |  |  |  |  |  |  | 9.9 | 7.0 | 8.6 | 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 | No | Yes |
| Percentage of students who ever carried a weapon, such as a gun, knife, or club |  |  |  |  |  |  |  | 23.8 | 19.7 | No |  |
| Percentage of students who have ever been in a physical fight |  |  |  |  |  |  |  | 49.7 | 39.9 | 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 | No | No |
| Percentage of students who ever seriously thought about killing themselves |  |  |  |  |  |  | 24.2 | 26.4 | 24.3 | No | No |
| Percentage of students who ever made a plan about how they would kill themselves |  |  |  |  |  |  |  | 15.6 | 15.2 | No |  |

# 2007 YOUTH RISK BEHAVIOR SURVEY RESULTS <br> North Carolina (Region 1) Middle School Survey <br> Trend Analysis Report 

| Question | Prevalence <br> Survey Year |  |  |  |  |  |  |  |  | Linear Change | Quadratic Change |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Female | 1991 | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 |  |  |
| Tobacco Use |  |  |  |  |  |  |  |  |  |  |  |
| Percentage of students who smoked cigarettes on one or more of the past 30 days |  |  |  |  |  |  | 11.9 | 10.3 | 10.1 | No | No |
| Percentage of students who smoked cigarettes on 20 or more of the past 30 days |  |  |  |  |  |  | 1.5 | 1.3 | 0.3 | Yes | No |

# 2007 YOUTH RISK BEHAVIOR SURVEY RESULTS <br> North Carolina (Region 1) Middle School Survey <br> Trend Analysis Report 

| 年 ${ }^{\text {Question }}$ | Prevalence <br> Survey Year |  |  |  |  |  |  |  |  | Linear Change | Quadratic Change |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1991 | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 |  |  |
| Alcohol and Other Drug Use |  |  |  |  |  |  |  |  |  |  |  |
| Percentage of students who ever had a drink of alcohol, other than a few sips |  |  |  |  |  |  |  | 35.3 | 29.2 | No |  |
| Percentage of students who ever used marijuana |  |  |  |  |  |  |  | 11.2 | 7.2 | No |  |
| Percentage of students who ever used any form of cocaine, including powder, crack, or freebase |  |  |  |  |  |  | 4.2 | 4.5 | 1.3 | Yes | Yes |
| 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 | No | No |

# 2007 YOUTH RISK BEHAVIOR SURVEY RESULTS <br> North Carolina (Region 1) Middle School Survey <br> Trend Analysis Report 

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

## 2007 YOUTH RISK BEHAVIOR SURVEY RESULTS

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

| Female Question | Prevalence Survey Year |  |  |  |  |  |  |  |  | Linear <br> Change | Quadratic Change |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1991 | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 |  |  |
| Weight Management and Dietary Behaviors |  |  |  |  |  |  |  |  |  |  |  |
| Percentage of students who described themselves as slightly or very overweight |  |  |  |  |  |  | 28.6 | 28.4 | 27.0 | No | No |
| Percentage of students who were trying to lose weight |  |  |  |  |  |  | 49.8 | 54.7 | 52.9 | No | No |
| Percentage of students who had ever exercised to lose weight or to keep from gaining weight |  |  |  |  |  |  | 73.2 | 73.9 | 76.7 | 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 | 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 | 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 | No | No |

# 2007 YOUTH RISK BEHAVIOR SURVEY RESULTS <br> North Carolina (Region 1) Middle School Survey Trend Analysis Report 

| Question | Prevalence <br> Survey Year |  |  |  |  |  |  |  |  | Linear Change | Quadratic Change |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Female | 1991 | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 |  |  |
| 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 | No |  |
| Percentage of students who watched three or more hours per day of TV on an average school day |  |  |  |  |  |  |  | 42.8 | 46.4 | No |  |
| Percentage of students who attended physical education (PE) classes one or more days during an average school week |  |  |  |  |  |  |  | 73.5 | 72.8 | No |  |
| Percentage of students who attended physical education (PE) classes daily in an average week when they were in school |  |  |  |  |  |  |  | 53.1 | 37.6 | No |  |

# 2007 YOUTH RISK BEHAVIOR SURVEY RESULTS <br> North Carolina (Region 1) Middle School Survey <br> Trend Analysis Report 

| Question | Prevalence <br> Survey Year |  |  |  |  |  |  |  |  | Linear Change | Quadratic Change |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Female | 1991 | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 |  |  |
| Other |  |  |  |  |  |  |  |  |  |  |  |
| Percentage of student who had ever been told by a doctor or nurse that they had asthma |  |  |  |  |  |  |  | 19.8 | 22.4 | No |  |

## 2007 YOUTH RISK BEHAVIOR SURVEY RESULTS

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

| White* Question | Prevalence Survey Year |  |  |  |  |  |  |  |  | Linear <br> Change | Quadratic Change |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1991 | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 |  |  |
| Injury and Violence |  |  |  |  |  |  |  |  |  |  |  |
| Among students who rode a bicycle, the percentage who never or rarely wore a bicycle helmet |  |  |  |  |  |  |  | 72.1 | 72.8 | No |  |
| Percentage of students who never or rarely wore a seat belt when riding in a car |  |  |  |  |  |  | 10.0 | 8.2 | 10.8 | 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 | No | No |
| Percentage of students who ever carried a weapon, such as a gun, knife, or club |  |  |  |  |  |  |  | 46.2 | 44.6 | No |  |
| Percentage of students who have ever been in a physical fight |  |  |  |  |  |  |  | 52.3 | 50.1 | 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 | Yes | No |
| Percentage of students who ever seriously thought about killing themselves |  |  |  |  |  |  | 19.6 | 17.1 | 17.8 | No | No |
| Percentage of students who ever made a plan about how they would kill themselves |  |  |  |  |  |  |  | 9.3 | 11.9 | No |  |

[^0]
# 2007 YOUTH RISK BEHAVIOR SURVEY RESULTS <br> North Carolina (Region 1) Middle School Survey <br> Trend Analysis Report 

| Question | Prevalence <br> Survey Year |  |  |  |  |  |  |  |  | Linear Change | Quadratic Change |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| White* | 1991 | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 |  |  |
| Tobacco Use |  |  |  |  |  |  |  |  |  |  |  |
| Percentage of students who smoked cigarettes on one or more of the past 30 days |  |  |  |  |  |  | 15.0 | 8.7 | 10.2 | Yes | No |
| Percentage of students who smoked cigarettes on 20 or more of the past 30 days |  |  |  |  |  |  | 4.3 | 2.4 | 1.0 | Yes | No |

# 2007 YOUTH RISK BEHAVIOR SURVEY RESULTS <br> North Carolina (Region 1) Middle School Survey Trend Analysis Report 

| Question | Prevalence <br> Survey Year |  |  |  |  |  |  |  |  | Linear Change | Quadratic Change |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| White* | 1991 | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 |  |  |
| Alcohol and Other Drug Use |  |  |  |  |  |  |  |  |  |  |  |
| Percentage of students who ever had a drink of alcohol, other than a few sips |  |  |  |  |  |  |  | 35.7 | 31.5 | No |  |
| Percentage of students who ever used marijuana |  |  |  |  |  |  |  | 9.7 | 9.7 | No |  |
| Percentage of students who ever used any form of cocaine, including powder, crack, or freebase |  |  |  |  |  |  | 5.6 | 4.5 | 2.6 | 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 | No | No |

[^1]
# 2007 YOUTH RISK BEHAVIOR SURVEY RESULTS <br> North Carolina (Region 1) Middle School Survey <br> Trend Analysis Report 

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

## 2007 YOUTH RISK BEHAVIOR SURVEY RESULTS

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

| Question |  | Prevalence <br> Survey <br> Year |
| :--- | :---: | :---: | :---: | :---: | :---: |

[^2]
# 2007 YOUTH RISK BEHAVIOR SURVEY RESULTS <br> North Carolina (Region 1) Middle School Survey Trend Analysis Report 

| White* ${ }^{\text {Question }}$ | Prevalence <br> Survey Year |  |  |  |  |  |  |  |  | Linear Change | Quadratic Change |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1991 | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 |  |  |
| 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 | No |  |
| Percentage of students who watched three or more hours per day of TV on an average school day |  |  |  |  |  |  |  | 29.1 | 36.2 | No |  |
| Percentage of students who attended physical education (PE) classes one or more days during an average school week |  |  |  |  |  |  |  | 70.6 | 72.7 | No |  |
| Percentage of students who attended physical education (PE) classes daily in an average week when they were in school |  |  |  |  |  |  |  | 50.9 | 36.0 | No |  |

[^3]
# 2007 YOUTH RISK BEHAVIOR SURVEY RESULTS <br> North Carolina (Region 1) Middle School Survey <br> Trend Analysis Report 

| Question | Prevalence <br> Survey Year |  |  |  |  |  |  |  |  | Linear Change | Quadratic Change |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| White* | 1991 | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 |  |  |
| Other |  |  |  |  |  |  |  |  |  |  |  |
| Percentage of student who had ever been told by a doctor or nurse that they had asthma |  |  |  |  |  |  |  | 18.4 | 23.3 | No |  |

## 2007 YOUTH RISK BEHAVIOR SURVEY RESULTS

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

| Question | Prevalence Survey Year |  |  |  |  |  |  |  |  | Linear <br> Change | Quadratic Change |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Black* | 1991 | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 |  |  |
| Injury and Violence |  |  |  |  |  |  |  |  |  |  |  |
| Among students who rode a bicycle, the percentage who never or rarely wore a bicycle helmet |  |  |  |  |  |  |  | 90.4 | 88.1 | No |  |
| Percentage of students who never or rarely wore a seat belt when riding in a car |  |  |  |  |  |  | 15.4 | 11.0 | 10.7 | 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 | No | Yes |
| Percentage of students who ever carried a weapon, such as a gun, knife, or club |  |  |  |  |  |  |  | 30.3 | 28.3 | No |  |
| Percentage of students who have ever been in a physical fight |  |  |  |  |  |  |  | 72.1 | 59.3 | 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 | No | No |
| Percentage of students who ever seriously thought about killing themselves |  |  |  |  |  |  | 24.2 | 19.8 | 21.0 | No | No |
| Percentage of students who ever made a plan about how they would kill themselves |  |  |  |  |  |  |  | 13.6 | 14.0 | No |  |

[^4]
# 2007 YOUTH RISK BEHAVIOR SURVEY RESULTS <br> North Carolina (Region 1) Middle School Survey <br> Trend Analysis Report 

| Question | Prevalence <br> Survey Year |  |  |  |  |  |  |  |  | Linear Change | Quadratic Change |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Black* | 1991 | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 |  |  |
| Tobacco Use |  |  |  |  |  |  |  |  |  |  |  |
| Percentage of students who smoked cigarettes on one or more of the past 30 days |  |  |  |  |  |  | 15.8 | 15.5 | 10.6 | No | No |
| Percentage of students who smoked cigarettes on 20 or more of the past 30 days |  |  |  |  |  |  | 3.3 | 1.2 | 1.7 | No | No |

# 2007 YOUTH RISK BEHAVIOR SURVEY RESULTS <br> North Carolina (Region 1) Middle School Survey Trend Analysis Report 

| Black* Question | Prevalence <br> Survey Year |  |  |  |  |  |  |  |  | Linear Change | Quadratic Change |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1991 | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 |  |  |
| Alcohol and Other Drug Use |  |  |  |  |  |  |  |  |  |  |  |
| Percentage of students who ever had a drink of alcohol, other than a few sips |  |  |  |  |  |  |  | 39.5 | 29.6 | No |  |
| Percentage of students who ever used marijuana |  |  |  |  |  |  |  | 16.1 | 12.7 | No |  |
| Percentage of students who ever used any form of cocaine, including powder, crack, or freebase |  |  |  |  |  |  | 3.8 | 3.6 | 1.5 | Yes | No |
| Percentage of students who ever sniffed glue, breathed the contents of spray cans, or inhaled any paints or sprays to get high |  |  |  |  |  |  | 15.1 | 12.6 | 11.4 | No | No |

[^5]
# 2007 YOUTH RISK BEHAVIOR SURVEY RESULTS <br> North Carolina (Region 1) Middle School Survey <br> Trend Analysis Report 

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

## 2007 YOUTH RISK BEHAVIOR SURVEY RESULTS

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

| Question | Prevalence Survey Year |  |  |  |  |  |  |  |  | Linear <br> Change | Quadratic Change |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Black* | 1991 | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 |  |  |
| Weight Management and Dietary Behaviors |  |  |  |  |  |  |  |  |  |  |  |
| Percentage of students who described themselves as slightly or very overweight |  |  |  |  |  |  | 24.1 | 23.5 | 26.5 | No | No |
| Percentage of students who were trying to lose weight |  |  |  |  |  |  | 40.4 | 43.7 | 43.1 | No | No |
| Percentage of students who had ever exercised to lose weight or to keep from gaining weight |  |  |  |  |  |  | 61.2 | 65.8 | 71.1 | 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 | 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 | 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 | No | No |

[^6]
# 2007 YOUTH RISK BEHAVIOR SURVEY RESULTS <br> North Carolina (Region 1) Middle School Survey Trend Analysis Report 

| Black* ${ }^{\text {Question }}$ | Prevalence <br> Survey Year |  |  |  |  |  |  |  |  | Linear Change | Quadratic Change |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1991 | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 |  |  |
| 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 | No |  |
| Percentage of students who watched three or more hours per day of TV on an average school day |  |  |  |  |  |  |  | 58.3 | 62.3 | No |  |
| Percentage of students who attended physical education (PE) classes one or more days during an average school week |  |  |  |  |  |  |  | 78.5 | 76.6 | No |  |
| Percentage of students who attended physical education (PE) classes daily in an average week when they were in school |  |  |  |  |  |  |  | 47.3 | 39.7 | No |  |

[^7]
# 2007 YOUTH RISK BEHAVIOR SURVEY RESULTS <br> North Carolina (Region 1) Middle School Survey <br> Trend Analysis Report 

| Question | Prevalence <br> Survey Year |  |  |  |  |  |  |  |  | Linear <br> Change | Quadratic Change |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Black* | 1991 | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 |  |  |
| Other |  |  |  |  |  |  |  |  |  |  |  |
| Percentage of student who had ever been told by a |  |  |  |  |  |  |  | 21.7 | 25.6 | No |  |

## 2007 YOUTH RISK BEHAVIOR SURVEY RESULTS

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

| Question | Prevalence Survey Year |  |  |  |  |  |  |  |  | Linear <br> Change | Quadratic Change |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Hispanic/Latino | 1991 | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 |  |  |
| Injury and Violence |  |  |  |  |  |  |  |  |  |  |  |
| Percentage of students who never or rarely wore a seat belt when riding in a car |  |  |  |  |  |  |  | 8.9 | 16.1 | No |  |
| Percentage of students who ever rode in a car driven by someone who had been drinking alcohol |  |  |  |  |  |  |  | 25.4 | 29.2 | No |  |
| Percentage of students who ever carried a weapon, such as a gun, knife, or club |  |  |  |  |  |  |  | 37.8 | 38.3 | No |  |
| Percentage of students who have ever been in a physical fight |  |  |  |  |  |  |  | 55.0 | 59.0 | 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 | No |  |
| Percentage of students who ever seriously thought about killing themselves |  |  |  |  |  |  |  | 21.8 | 19.7 | No |  |
| Percentage of students who ever made a plan about how they would kill themselves |  |  |  |  |  |  |  | 16.9 | 16.0 | No |  |

# 2007 YOUTH RISK BEHAVIOR SURVEY RESULTS <br> North Carolina (Region 1) Middle School Survey Trend Analysis Report 

| Question | Prevalence <br> Survey Year |  |  |  |  |  |  |  |  | Linear <br> Change | Quadratic Change |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Hispanic/Latino | 1991 | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 |  |  |
| Tobacco Use |  |  |  |  |  |  |  |  |  |  |  |
| Percentage of students who smoked cigarettes on one or more of the past 30 days |  |  |  |  |  |  |  | 9.2 | 14.6 | No |  |
| Percentage of students who smoked cigarettes on 20 or more of the past 30 days |  |  |  |  |  |  |  | 1.9 | 2.4 | No |  |

# 2007 YOUTH RISK BEHAVIOR SURVEY RESULTS <br> North Carolina (Region 1) Middle School Survey Trend Analysis Report 

| Question | Prevalence Survey Year |  |  |  |  |  |  |  |  | Linear Change | Quadratic Change |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Hispanic/Latino | 1991 | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 |  |  |
| Alcohol and Other Drug Use |  |  |  |  |  |  |  |  |  |  |  |
| Percentage of students who ever had a drink of alcohol, other than a few sips |  |  |  |  |  |  |  | 34.5 | 41.0 | No |  |
| Percentage of students who ever used marijuana |  |  |  |  |  |  |  | 11.4 | 14.2 | No |  |
| Percentage of students who ever used any form of cocaine, including powder, crack, or freebase |  |  |  |  |  |  |  | 5.3 | 6.2 | 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 | No |  |

# 2007 YOUTH RISK BEHAVIOR SURVEY RESULTS <br> North Carolina (Region 1) Middle School Survey <br> Trend Analysis Report 

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

## 2007 YOUTH RISK BEHAVIOR SURVEY RESULTS

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

| QuestionHispanic/Latino | Prevalence <br> Survey Year |  |  |  |  |  |  |  |  | Linear Change | Quadratic Change |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1991 | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 |  |  |
| Weight Management and Dietary Behaviors |  |  |  |  |  |  |  |  |  |  |  |
| Percentage of students who described themselves as slightly or very overweight |  |  |  |  |  |  |  | 23.8 | 23.8 | No |  |
| Percentage of students who were trying to lose weight |  |  |  |  |  |  |  | 50.9 | 55.2 | No |  |
| Percentage of students who had ever exercised to lose weight or to keep from gaining weight |  |  |  |  |  |  |  | 67.4 | 65.9 | 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 | 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 | No |  |
| Percentage of students who had ever vomited or taken laxatives to lose weight or to keep from gaining weight |  |  |  |  |  |  |  | 4.2 | 8.1 | No |  |

# 2007 YOUTH RISK BEHAVIOR SURVEY RESULTS <br> North Carolina (Region 1) Middle School Survey Trend Analysis Report 

| Question | Prevalence <br> Survey Year |  |  |  |  |  |  |  |  | Linear <br> Change | Quadratic Change |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Hispanic/Latino | 1991 | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 |  |  |
| 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 | No |  |
| Percentage of students who watched three or more hours per day of TV on an average school day |  |  |  |  |  |  |  | 51.4 | 41.9 | No |  |
| Percentage of students who attended physical education (PE) classes one or more days during an average school week |  |  |  |  |  |  |  | 72.6 | 74.3 | No |  |
| Percentage of students who attended physical education (PE) classes daily in an average week when they were in school |  |  |  |  |  |  |  | 50.5 | 37.4 | No |  |

# 2007 YOUTH RISK BEHAVIOR SURVEY RESULTS <br> North Carolina (Region 1) Middle School Survey <br> Trend Analysis Report 

| Question | Prevalence <br> Survey Year |  |  |  |  |  |  |  |  | Linear Change | Quadratic Change |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Hispanic/Latino | 1991 | 1993 | 1995 | 1997 | 1999 | 2001 | 2003 | 2005 | 2007 |  |  |
| Other |  |  |  |  |  |  |  |  |  |  |  |
| Percentage of student who had ever been told by a doctor or nurse that they had asthma |  |  |  |  |  |  |  | 10.0 | 19.6 | No |  |


[^0]:    *Non-Hispanic.

[^1]:    *Non-Hispanic.

[^2]:    *Non-Hispanic.

[^3]:    *Non-Hispanic.

[^4]:    *Non-Hispanic.

[^5]:    *Non-Hispanic.

[^6]:    *Non-Hispanic.

[^7]:    *Non-Hispanic.

