# 2013 APNA



Arkansas Prevention Needs Assessment Student Survey

**Region 4 Profile Report** 

Arkansas Department of Human Services
Division of Behavioral Health Services
Prevention Services

#### Contents

| 1 | INTRODUCTION 1.1 The Risk and Protective Factor Model of Prevention         | <b>6</b><br>9        |
|---|---|----------------------|
| 2 | TOOLS FOR ASSESSMENT AND PLANNING   | 9                    |
| 3 | SCHOOL IMPROVEMENT USING SURVEY DATA  3.1 What are the numbers telling you? | 10<br>10<br>10<br>10 |
| 4 | HOW TO READ THE CHARTS AND TABLES   | 12                   |
| 5 | NO CHILD LEFT BEHIND PROFILE  | 54                   |
| 6 | STUDENT TOBACCO USE, EXPERIENCES AND PREVENTION SERVICES                    | 60                   |
| 7 | DRUG-FREE COMMUNITIES SUPPORT PROGRAM CORE MEASURES                         | 63                   |
| 8 | PREVENTION RESOURCES 8.1 Regional Prevention Providers (RPP)                |                      |

#### List of Tables

|   | 7<br>8<br>8<br>37<br>39<br>39<br>39 |
|---|-------------------------------------|
| 4 Ethnic Origin                               | 8<br>37<br>39<br>39<br>39           |
| 5 Risk and Protective Factor Scale Definition | 37<br>39<br>39<br>39                |
|   | 39<br>39<br>39<br>39                |
| 6 Alcohol - Lifetime Use                      | 39<br>39<br>39                      |
|   | 39<br>39                            |
| 7 Cigarettes - Lifetime Use                   | 39                                  |
|   |                                     |
|   | 39                                  |
|   |                                     |
| 11 Cocaine - Lifetime Use                     | 39                                  |
|   | 40                                  |
|   | 40                                  |
|   | 40                                  |
|   | 40                                  |
|   | 40                                  |
|   | 40                                  |
|   | 41                                  |
| · · · · · · · · · · · · · · · · · · ·         | 41                                  |
|   | 41                                  |
|   | 41                                  |
|   | 41                                  |
|   | 41                                  |
|   | 42                                  |
|   | 42                                  |
|   | 42                                  |
| · · · · · · · · · · · · · · · · · · ·         | 42                                  |
|   | 42                                  |
|   | 42                                  |
|   | 43                                  |
|   | 43                                  |
|   | 43                                  |
|   | 43                                  |
|   | 43                                  |
|   | 43                                  |
|   | 44                                  |
|   | 44                                  |
| , ,   | 14                                  |
|   | 14                                  |
|   | 44                                  |
| ·   | 44                                  |
|   | 45                                  |
|   | 45                                  |

| 44               | Been Arrested   |    |
|------------------|---|----|
| 45               | Attacked to Harm  | 45 |
| 46               | Carried a Handgun   | 45 |
| 47               | Handgun to School   |    |
| <b>4</b> 8       | Community Risk - High Community Disorganization                 |    |
| 49               | Community Risk - Transitions and Mobility                       | 46 |
| 50               | Community Risk - Laws and Norms Favorable to Drug Use           | 46 |
| 51               | Community Risk - Perceived Availability of Drugs                |    |
| 52               | Community Risk - Perceived Availability of Handguns             |    |
| 53               | Family Risk - Poor Family Management                            |    |
| 54               | Family Risk - Family Conflict                                   |    |
| 55               | Family Risk - Family History of Antisocial Behavior             |    |
| 56               | Family Risk - Parental Attitudes Favorable to ATOD              |    |
| 57               | Family Risk - Parental Attitudes Favorable to ASB               |    |
| 58               | School Risk - Academic Failure                                  |    |
| 59               | School Risk - Low Commitment to School                          |    |
| 60               | Peer Risk - Early Initiation of Drug Use                        |    |
| 61               | Peer Risk - Early Initiation of ASB                             |    |
| 62               | Peer Risk - Peer Favorable Attitudes to ASB                     |    |
| 63               | Peer Risk - Peer Favorable Attitudes to Drug Use                |    |
| 64               | Peer Risk - Low Perceived Risk of Drug Use                      |    |
| 65               | Peer Risk - Interaction with Antisocial Peers                   |    |
| 66               | Peer Risk - Friends' Use of Drugs                               |    |
| 67               | Peer Risk - Peer Rewards for Antisocial Involvement             |    |
| 68               | Peer Risk - Depressive Symptoms                                 |    |
| 69               | Peer Risk - Gang Involvement                                    |    |
| 70               | School Protective - School Opportunities for PSI                |    |
| 71               | School Protective - School Rewards for PSI                      |    |
| 72               | Peer Protective - Religiosity                                   |    |
| 73               | Peer Protective - Interaction with Prosocial Peers              |    |
| 74               | Sources of Alcohol  |    |
| 75               | Location of Alcohol Use   |    |
| 76               | I feel safe at my school  |    |
| 77<br><b>-</b> 0 | How often have you taken a handgun to school                    |    |
| 78               | How wrong do you think it is for someone your age to take a gun |    |
| 70               | to school.  |    |
| 79               | Have any of your brothers/sisters ever taken a gun to school    |    |
| 80               | Avg Age of First Marijuana                                      |    |
| 81               | Avg Age of First Cigarettes                                     | 54 |
| 82               | Avg Age of First Alcohol  | 54 |
| 83               | Avg Age of First Regular Alcohol Use                            | 54 |
| 84               | Avg Age of First School Suspension                              | 54 |
| 85               | Avg Age of First Been Arrested                                  | 55 |
| 86               | Avg Age of First Carried a Gun                                  | 55 |
| 87               | Avg Age of First Attacked to Harm                               | 55 |

| 38  | Avg Age of First Belonged to a Gang                                   | 55 |
|-----|---|----|
| 39  | Cigarettes - Lifetime Use   | 60 |
| 90  | Chewing Tobacco - Lifetime Use  | 60 |
| 91  | Cigarettes - Past 30 Day Use  | 60 |
| 92  | Chewing Tobacco - Past 30 Day Use                                     | 60 |
| 93  | Which statement best describes rules about smoking inside your home?  | 61 |
| 94  | Which statement best describes rules about smoking in your family     | OI |
| 74  | cars?   | 61 |
| 95  | During this school year, were you taught in any of your classes about |    |
|     | the dangers of tobacco use?   | 62 |
| 96  | During the past 12 months, have you participated in any commu-        |    |
|     | nity activities to discourage people your age from using cigarettes,  |    |
|     | chewing tobacco, snuff, dip or cigars?                                | 62 |
| 97  | Core Measure by Grade for Past 30 Day Use                             | 63 |
| 8   | Core Measure by Grade for Perception of Risk                          | 63 |
| 99  | Core Measure by Grade for Parental Disapproval                        | 63 |
| 00  | Core Measure by Grade for Friends Disapproval                         | 63 |
| 01  | Core Measure by Sex for Past 30 Day Use                               | 64 |
| 102 | Core Measure by Sex for Perception of Risk                            | 64 |
| 103 | Core Measure by Sex for Parental Disapproval                          | 64 |
| 04  | Core Measure by Sex for Friends Disapproval                           | 64 |

### List of Figures

| 1  | Alcohol, Tobacco and Other Drug Use - Grade 6            | 13 |
|----|--|----|
| 2  | Alcohol, Tobacco and Other Drug Use - Grade 8            | 14 |
| 3  | Alcohol, Tobacco and Other Drug Use - Grade 10           | 15 |
| 4  | Alcohol, Tobacco and Other Drug Use - Grade 12           | 16 |
| 5  | Heavy Use and Antisocial Behavior - Grade 6              | 17 |
| 6  | Heavy Use and Antisocial Behavior - Grade 8              | 18 |
| 7  | Heavy Use and Antisocial Behavior - Grade 10             | 19 |
| 8  | Heavy Use and Antisocial Behavior - Grade 12             | 20 |
| 9  | Risk Factors - Grade 6                                   | 21 |
| 10 | Risk Factors - Grade 8                                   | 22 |
| 11 | Risk Factors - Grade 10                                  | 23 |
| 12 | Risk Factors - Grade 12                                  | 24 |
| 13 | Protective Factors - Grade 6                             | 25 |
| 14 | Protective Factors - Grade 8                             | 26 |
| 15 | Protective Factors - Grade 10                            | 27 |
| 16 | Protective Factors - Grade 12                            | 28 |
| 17 | School Safety Profile - Grade 6                          | 29 |
| 18 | School Safety Profile - Grade 8                          | 30 |
| 19 | School Safety Profile - Grade 10                         | 31 |
| 20 | School Safety Profile - Grade 12                         | 32 |
| 21 | Sources and Locations of Alcohol Use - Grade 6           | 33 |
| 22 | Sources and Locations of Alcohol Use - Grade 8           | 34 |
| 23 | Sources and Locations of Alcohol Use - Grade 10          | 35 |
| 24 | Sources and Locations of Alcohol Use - Grade 12          | 36 |
| 25 | Avg. Age of First Use and Antisocial Behavior - Grade 6  | 56 |
| 26 | Avg. Age of First Use and Antisocial Behavior - Grade 8  | 57 |
| 27 | Avg. Age of First Use and Antisocial Behavior - Grade 10 |    |
| 28 | Avg. Age of First Use and Antisocial Behavior - Grade 12 | 59 |

#### 1 INTRODUCTION

This report summarizes findings from the Arkansas Prevention Needs Assessment Survey (APNA), a survey of 6th, 8th, 10th and 12th grade school students, conducted in the fall of 2013. This survey was available free of charge to all Arkansas public school districts that chose to participate. The survey was designed to assess adolescent substance use and related behaviors, and risk and protective factors that predict these behaviors. In this report, the results are presented for each grade along with the overall results for the State. Table 1 provides information on the total number of students, the number of school districts and the number of schools represented by this report. Table 2 provides information on the number and percent of students at each grade. Table 3 provides information on the number and percent of students by sex. Table 4 provides information on the number and percent of students by ethnic origin.

The APNA Survey was first administered in the fall of 2002 and has been administered in the fall of each school year since then. Because trends over time are very important to prevention planning, readers are encouraged to review the results from the previous surveys. By comparing the results of the previous surveys, changes in ATOD (alcohol, tobacco and other drugs) use, rates of ASB (antisocial behavior), and levels of risk and protective factors can be determined for a specific grade. It is important to note that the results in this report are for students who were not sampled in the even grades (6, 8, 10, and 12) during the previous year's survey. Those students are now in grades 7, 9, 11 or are out of school. Together, the results of the current and past APNA surveys provide a complete picture of ATOD use, antisocial behavior, risk, and protection for students in Arkansas.

(Methods Note Regarding Long-Term Trend Data:) The 2006 procedures varied from those used in this report, as well as those used in all other earlier reports. Non-standard procedures for calculating: 1) drug prevalence rates, and 2) for calculating scores on the risk and protective factor questions, were used in the 2006 report. The variation in 2006 procedures related to how missing data (i.e., instances where the student did not respond to a question) were counted. The effect of the 2006 procedure was to slightly reduce the reported prevalence levels for all drugs, and to lower the calculated scores for the risk and protective factor questions.

In this report, the computational methods used for all calculations are identical to those used in all prior reports, other than the 2006 report. In addition, to produce the most accurate long-term trend data possible, 2006 results have been recalculated using standard procedures consistent with all reporting years. This means that, in some cases, small deviations in 2006 data points will be noted between this report and the actual 2006 report.

Table 1: Student Totals

| Response       | Group  | 2013-14 |
|----------------|--------|---------|
| Total Students | region | 7,814   |
|                | state  | 87,246  |

Table 2: Grade

|          |        | 20   | 13-14  |
|----------|--------|------|--------|
| Response | Group  | pct  | n      |
| 6        | region | 28.1 | 2,196  |
|          | state  | 27.4 | 23,878 |
| 8        | region | 27.6 | 2,153  |
|          | state  | 29.4 | 25,646 |
| 10       | region | 25.6 | 2,003  |
|          | state  | 24.5 | 21,356 |
| 12       | region | 18.7 | 1,462  |
|          | state  | 18.8 | 16,366 |

Table 3: Sex

|           |        | 2013-14 |        |
|-----------|--------|---------|--------|
| Response  | Group  | pct     | n      |
| Male      | region | 48.7    | 3,790  |
|           | state  | 48.7    | 42,309 |
| Female    | region | 51.3    | 3,997  |
|           | state  | 51.3    | 44,538 |
| NO ANSWER |        |         | 399    |

Table 4: Ethnic Origin

|                           |        | 20   | 13-14  |
|---------------------------|--------|------|--------|
| Response                  | Group  | pct  | n      |
| Hispanic                  | region | 14.3 | 1,413  |
|                           | state  | 10.9 | 11,141 |
| Black or African American | region | 6.5  | 645    |
|                           | state  | 16.1 | 16,541 |
| Asian                     | region | 4.2  | 413    |
|                           | state  | 1.8  | 1,818  |
| American Indian           | region | 7.8  | 771    |
|                           | state  | 5.0  | 5,097  |
| Alaska Native             | region | 0.2  | 19     |
|                           | state  | 0.2  | 173    |
| White                     | region | 56.4 | 5,580  |
|                           | state  | 57.4 | 58,805 |
| Native Hawaiian           | region | 0.5  | 51     |
|                           | state  | 0.8  | 853    |
| Other                     | region | 10.1 | 999    |
|                           | state  | 7.9  | 8,061  |
|                           |        |      |        |

#### 1.1 The Risk and Protective Factor Model of Prevention

Risk and protective factor-focused prevention is based on a simple premise: To prevent a problem from happening, we need to identify the factors that increase the risk of that problem developing and then find ways to reduce the risks. Just as medical researchers have found risk factors for heart attacks such as diets high in fats, lack of exercise, and smoking, a team of researchers, the Social Development Research Group (SDRG), at the University of Washington, have defined a set of risk factors for drug abuse. The research team also found that some children exposed to multiple risk factors manage to avoid behavior problems later even though they were exposed to the same risks as children who exhibited behavior problems. Based on research, they identified protective factors and processes that work together to buffer children from the effects of high risk exposure and lead to the development of healthy behaviors.

Risk factors include characteristics of school, community, and family environments, as well as characteristics of students and their peer groups that are known to predict increased likelihood of drug use, delinquency, and violent behaviors among youth (Hawkins, Catalano & Miller, 1992; Hawkins, Arthur & Catalano, 1995; Brewer, Hawkins, Catalano & Neckerman, 1995).

#### 2 TOOLS FOR ASSESSMENT AND PLANNING

Protective factors exert a positive influence or buffer against the negative influence of risk, thus reducing the likelihood that adolescents will engage in problem behaviors. Protective factors, identified through research reviewed by the Social Development Research Group, include social bonding to family, school, community and peers; and healthy beliefs and clear standards for behavior.

Research on risk and protective factors has important implications for prevention efforts. The premise of this approach is that in order to promote positive youth development and prevent problem behaviors, it is necessary to address those factors that predict the problem. By measuring risk and protective factors in a population, specific risk factors that are elevated and widespread can be identified and targeted by preventive interventions that also promote related protective factors. For example, if academic failure is identified as an elevated risk factor in a community, then mentoring and tutoring interventions can be provided that will improve academic performance, and also increase opportunities and rewards for classroom participation.

Risk and protective factor-focused drug abuse prevention is based on the work of J. David Hawkins, Ph.D., Richard F. Catalano, Ph.D.; and a team of researchers at

the University of Washington in Seattle. Beginning in the early 1980's, the group researched adolescent problem behaviors and identified risk factors for adolescent drug abuse and delinquency. The chart below shows the links between the 16 risk factors and the five problem behaviors. The check marks have been placed in the chart to indicate where at least two well designed, published research studies have shown a link between the risk factor and the problem behavior.

|  | PROBLEM BEHAVIORS  |             |                   |                    | S        |
|--|--------------------|-------------|-------------------|--------------------|----------|
| YOUTH AT RISK                            | Substance<br>Abuse | Delinquency | Teen<br>Pregnancy | School<br>Drop-Out | Violence |
| Community                                |                    |             |                   |                    |          |
| Availability of Drugs and Firearms       | 1                  |             |                   |                    | 1        |
| Community Laws and Norms Favorable       | ,                  |             |                   |                    |          |
| Toward Drug Use                          | •                  |             |                   |                    |          |
| Transitions and Mobility                 | ✓                  | 1           |                   | ✓                  |          |
| Low Neighborhood Attachment and          | 1                  | 1           |                   |                    | 1        |
| Community Disorganization                | •                  | •           |                   |                    | •        |
| Extreme Economic and Social Deprivation  | ✓                  | 1           | ✓                 | ✓                  | 1        |
| Family                                   |                    |             |                   |                    |          |
| Family History of High Risk Behavior     | 1                  | 1           | 1                 | 1                  |          |
| Family Management Problems               | 1                  | 1           | 1                 | 1                  | 1        |
| Family Conflict                          | ✓                  | 1           | 1                 | 1                  | 1        |
| Favorable Parental Attitudes and         | /                  | 1           |                   |                    | ,        |
| Involvement in the Problem Behavior      | •                  | <b>'</b>    |                   |                    |          |
| School                                   |                    |             |                   |                    |          |
| Early and Persistent Antisocial Behavior | ✓                  | 1           | 1                 | 1                  | 1        |
| Academic Failure in Elementary School    | ✓                  | 1           | 1                 | ✓                  | ✓        |
| Lack of Commitment to School             | 1                  | 1           | 1                 | 1                  |          |
| Individual/Peer                          |                    |             |                   |                    |          |
| Alienation and Rebelliousness            | 1                  | 1           |                   | 1                  |          |
| Friends Who Engage in a Problem Behavior | 1                  | 1           | 1                 | 1                  | 1        |
| Favorable Attitudes Toward the Problem   | ,                  | ,           | ,                 | ,                  |          |
| Behavior                                 |                    |             |                   |                    |          |
| Early Initiation of the Problem Behavior | <b>✓</b>           | 1           | <b>√</b>          | <b>✓</b>           | 1        |

# 3 SCHOOL IMPROVEMENT USING SURVEY DATA

Data from the Arkansas Prevention Needs Assessment Survey can be used to help school and community planners assess current conditions and prioritize areas of greatest need.

Each risk and protective factor can be linked to specific types of interventions that have been shown to be effective in either reducing the risk(s) and enhancing the protection(s). The steps outlined below will help your school and community make key decisions regarding allocation of resources, how and when to address specific needs, and which strategies are most effective and known to produce results.

#### 3.1 What are the numbers telling you?

Review the charts and data tables presented in this report. Using the table in section 3.3, note your findings as you discuss the following questions

- Which 3 to 5 risk factors appear to be higher than you would want?
- Which 3 to 5 protective factors appear to be lower than you would want?
- Which levels of 30 day drug use are increasing and/or unacceptably high?
  - Which substances are your students using the most?
  - At which grades do you see unacceptable usage levels?
- Which levels of antisocial behaviors are increasing and/or unacceptably high?
  - Which behaviors are your students exhibiting the most?
  - At which grades do you see unacceptable behavior levels?

#### 3.2 How to decide if a rate is "unacceptable."

- Look across the charts to determine which items stand out as either much higher or much lower than the others.
- Compare your data to statewide data and national data. Differences of 5% or more between the local and other data should be carefully reviewed.
- Determine the standards and values held in your area. For example: Is it acceptable in your community for 75% of high school students to drink alcohol regularly even when the statewide percentage is 90?

#### 3.3 Use these data for planning:

- Substance use and antisocial behavior data raise awareness about the problems and promote dialogue.
- Risk and protective factor data identify exactly where the community needs to take action.
- Promising approaches talk with resources listed on the last page of this report
  for ideas about programs that have been proven effective in addressing the risk
  factors that are high in your area, and in improving the protective factors that
  are low.

|            | Unacceptable | Unacceptable | Unacceptable | Unacceptable |
|------------|--------------|--------------|--------------|--------------|
| Measure    | Rate #1      | Rate #2      | Rate #3      | Rate #4      |
| 30 Day     |              |              |              |              |
| Drug Use   |              |              |              |              |
| Antisocial |              |              |              |              |
| Behavior   |              |              |              |              |
| Risk       |              |              |              |              |
| Factors    |              |              |              |              |
| Protective |              |              |              |              |
| Factors    |              |              |              |              |

#### How do I decide which intervention(s) to employ?

- Strategies should be selected based on the risk factors that are high in your community and the protective factors that are low.
- Strategies should be age appropriate and employed prior to the onset of the problem behavior.
- Strategies chosen should address more than a single risk and protective factor.
- No single strategy offers the solution.

#### How do I know whether or not the intervention was effective?

• Participation in the annual administration of the survey provides trend data necessary for determining the effectiveness of the implemented intervention(s) and also provides data for determining any new efforts that are needed.

#### 4 HOW TO READ THE CHARTS AND TABLES

- 1. Student responses for risk and protective factors, substance use and antisocial behavior questions are displayed by grade on the following pages.
- 2. The factors are grouped into 4 domains: community, family, peer-individual, and school.
- 3. The bars represent the percent of students in the grade who reported elevated risk or protection, substance use, antisocial behaviors or school safety concerns.
- 4. Scanning across these charts, you can easily determine which factors are most (or least) prevalent, thus identifying which are the most important for your community to address.
- 5. Bars will be complemented by a small dot. The dot shows the comparison from the state and provides additional information for you in determining the relative importance of each risk or protective factor.
- 6. A dashed line on each risk and protective factor chart represents the percentage of youth at risk or with protection for the seven state sample upon which the cut-points were developed. The seven states included in the norm group were Colorado, Illinois, Kansas, Maine, Oregon, Utah and Washington. This gives you a comparison to a national sample.
- 7. Brief definitions of the risk and protective factors can be found following the graphs.
- 8. The tables provide more detailed information and are broken down by grade level. The combined category consists of all the grade levels represented in this report combined together (ie. if the report is based on 10th and 12th graders then the combined category will be all the 10th and 12th graders combined). For the tables on substance use, some substances also have a comparison to the Monitoring the Future (MTF) data. Monitoring the Future is an annual federally funded national survey of substance use across the country for students in grade 8, 10 and 12. For some substances and for some years or some grades, there is no corresponding MTF data.
- 9. The following abbreviations are sometimes used in the tables and charts due to space constraints:

ATOD stands for Alcohol, Tobacco and Other Drug Use.

**ASB** stands for Antisocial Behaviors.

**PSI** stands for Prosocial Involvement.

MTF stands for Monitoring the Future.

NOTE: The Substance Abuse and Mental Health Services Administration (SAMHSA) has recently made changes to the reporting requirments for the Drug-Free Communities (DFC) Support Programs Grant which required a change to one of the questions used in calculating the risk factor for Low Perceived Risk of Use. As a result, it is possible that this year's results may be higher than previous results.

### Alcohol, Tobacco and Other Drug Use - Grade 6 Region 4

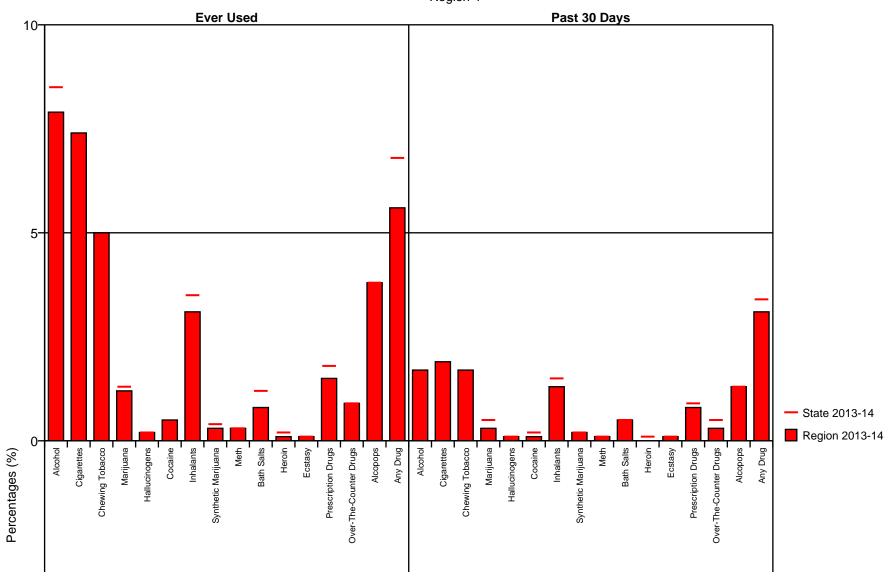


Figure 1: Alcohol, Tobacco and Other Drug Use - Grade 6

### Alcohol, Tobacco and Other Drug Use - Grade 8 Region 4

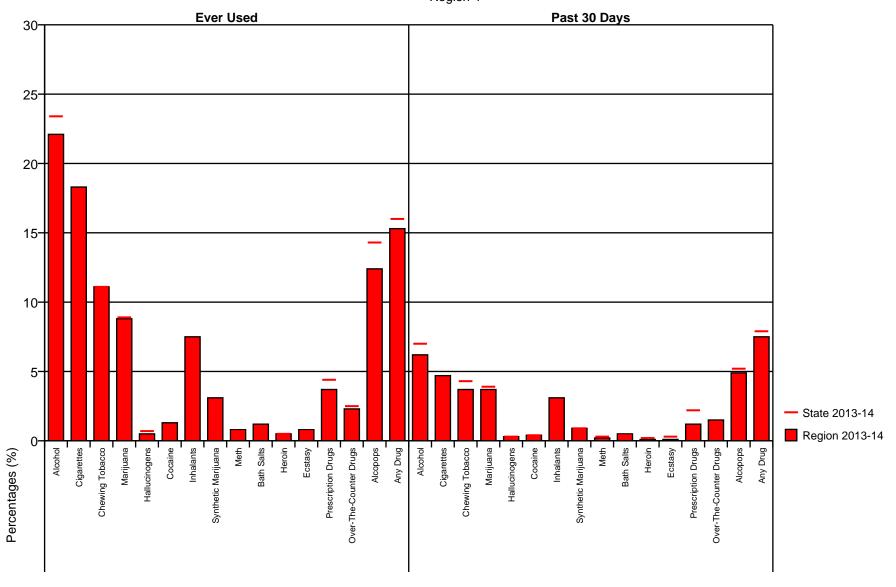


Figure 2: Alcohol, Tobacco and Other Drug Use - Grade 8

### Alcohol, Tobacco and Other Drug Use - Grade 10 Region 4

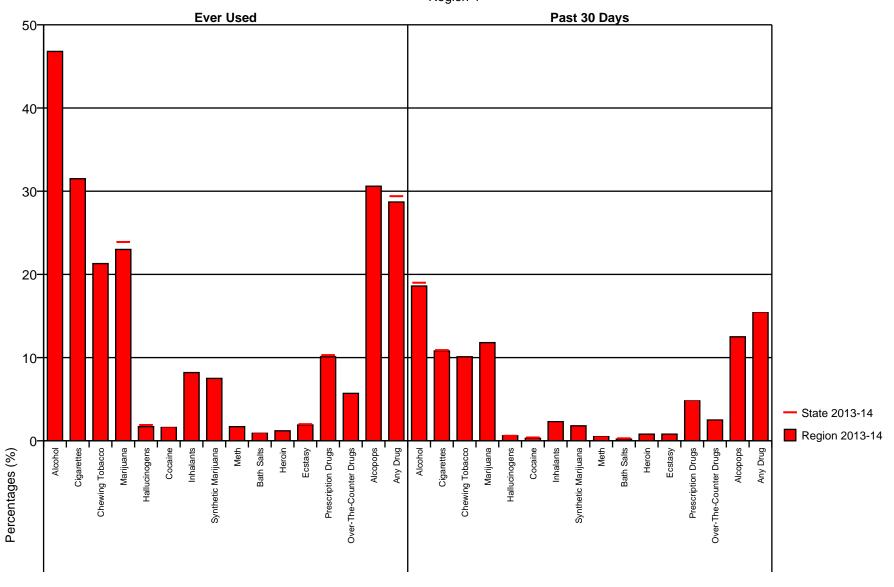


Figure 3: Alcohol, Tobacco and Other Drug Use - Grade 10

### Alcohol, Tobacco and Other Drug Use - Grade 12 Region 4

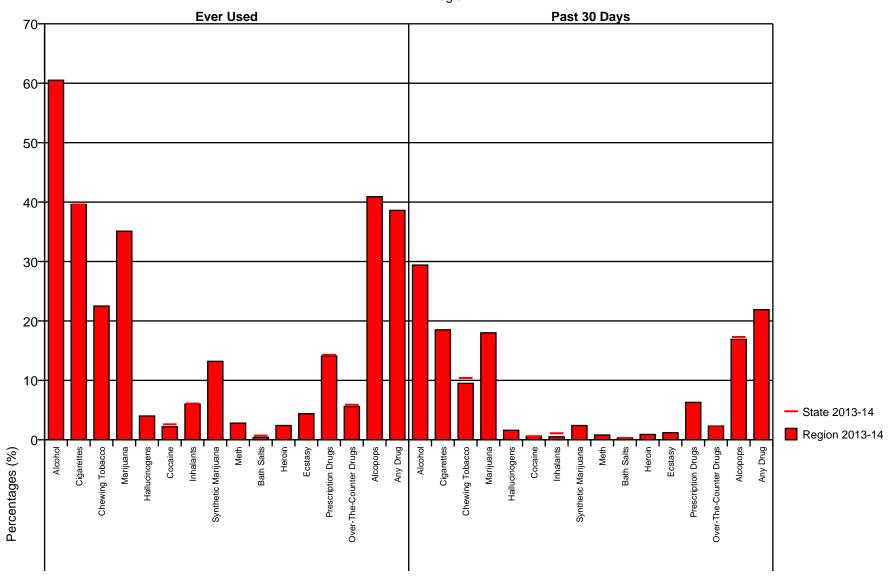


Figure 4: Alcohol, Tobacco and Other Drug Use - Grade 12

# Heavy Use and Antisocial Behavior - Grade 6 Region 4

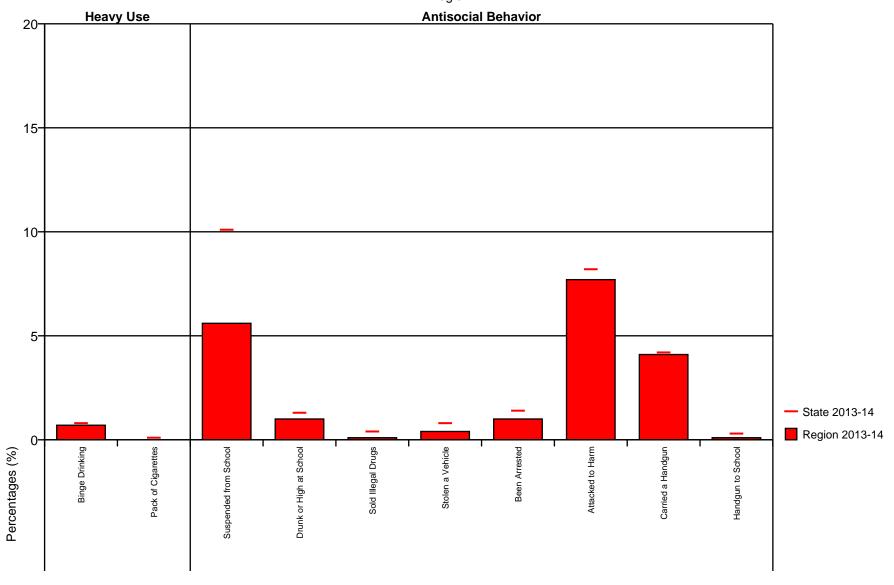


Figure 5: Heavy Use and Antisocial Behavior - Grade 6

# Heavy Use and Antisocial Behavior - Grade 8 Region 4

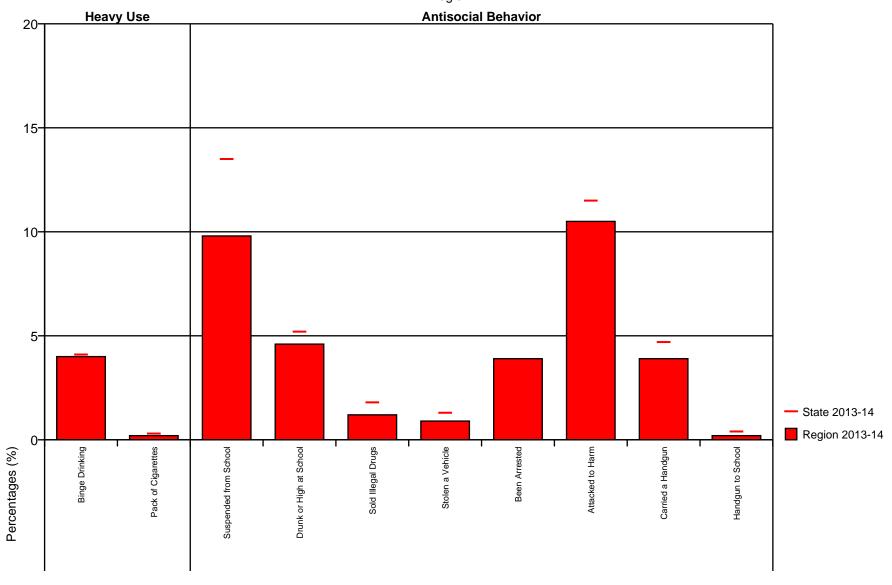


Figure 6: Heavy Use and Antisocial Behavior - Grade 8

# Heavy Use and Antisocial Behavior - Grade 10 Region 4

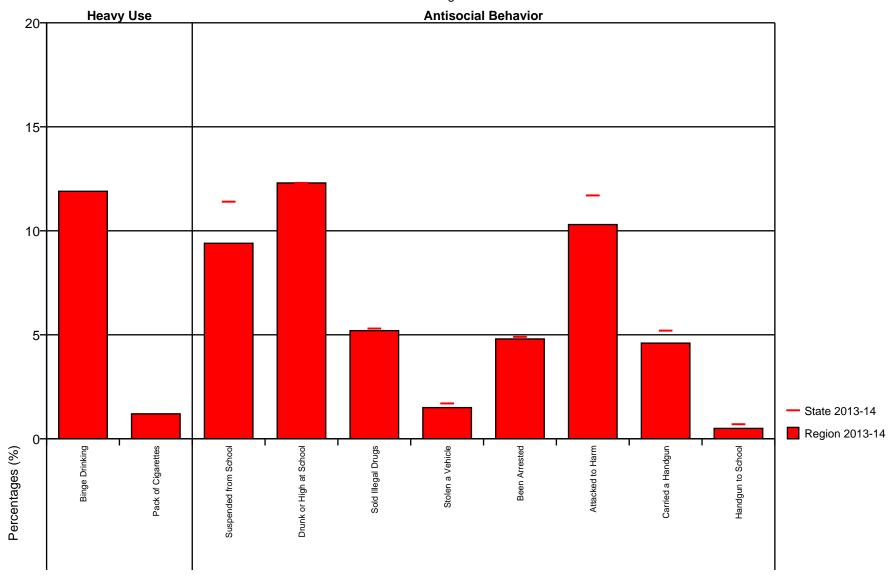


Figure 7: Heavy Use and Antisocial Behavior - Grade 10

# Heavy Use and Antisocial Behavior - Grade 12 Region 4

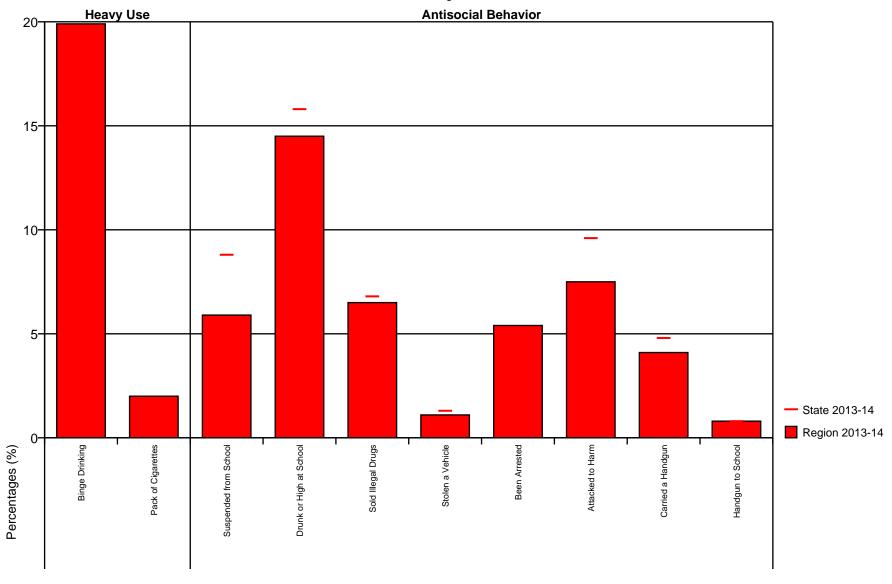


Figure 8: Heavy Use and Antisocial Behavior - Grade 12

#### Risk Factors - Grade 6 Region 4

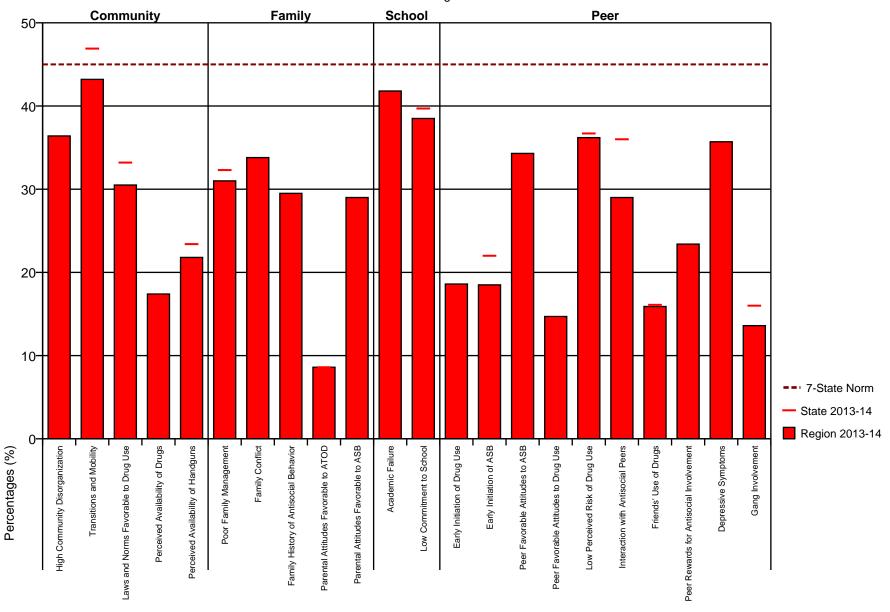


Figure 9: Risk Factors - Grade 6

<sup>\*</sup>see note on page 12

#### Risk Factors - Grade 8 Region 4

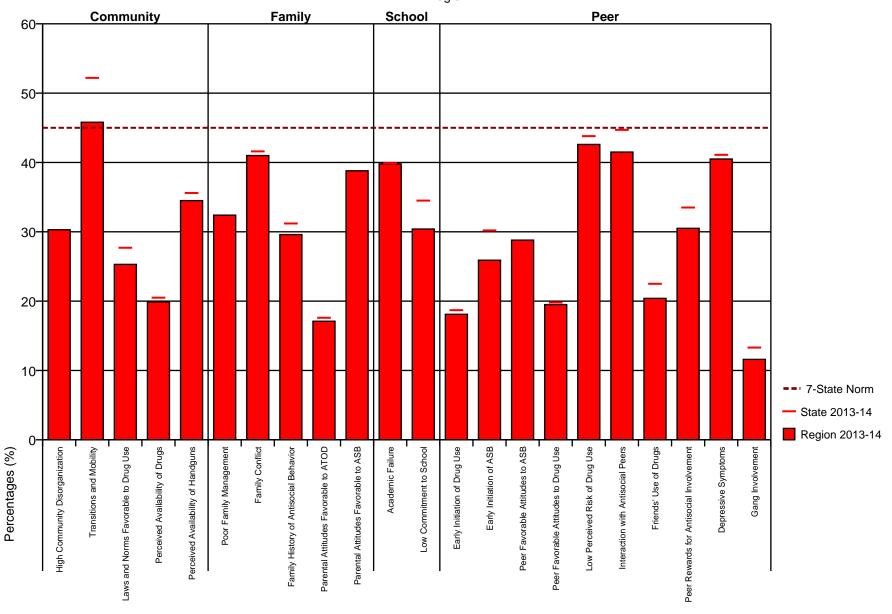


Figure 10: Risk Factors - Grade 8

<sup>\*</sup>see note on page 12

#### Risk Factors - Grade 10 Region 4

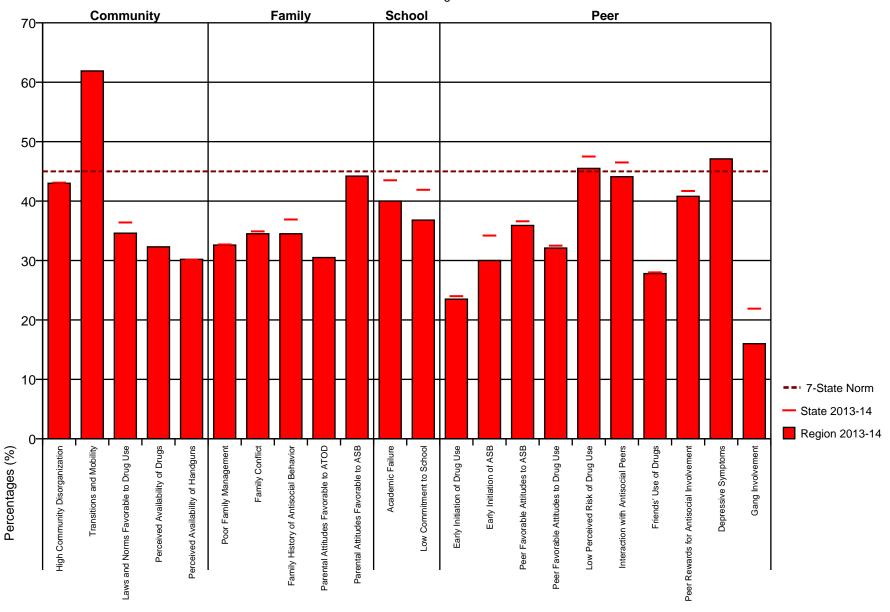


Figure 11: Risk Factors - Grade 10

<sup>\*</sup>see note on page 12

#### Risk Factors - Grade 12 Region 4

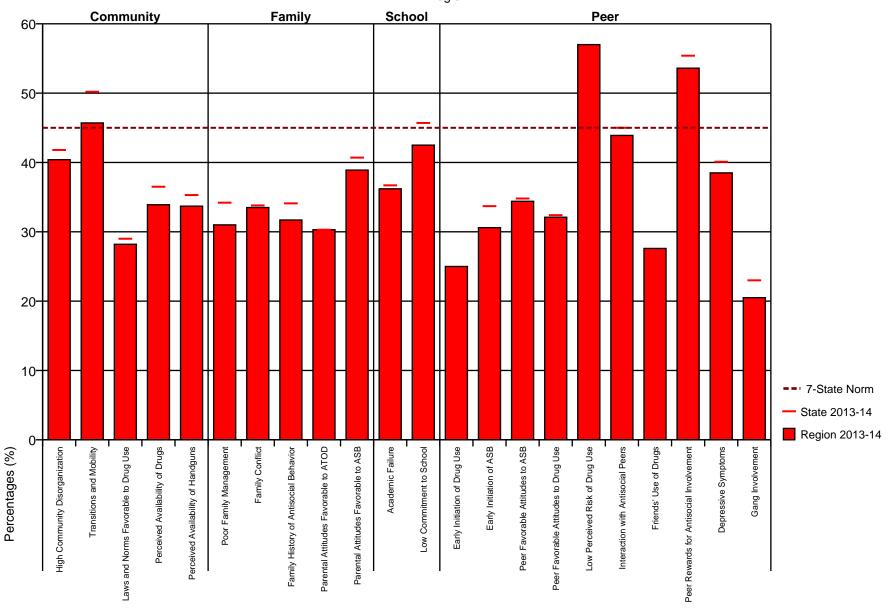


Figure 12: Risk Factors - Grade 12

<sup>\*</sup>see note on page 12

# Protective Factors - Grade 6 Region 4

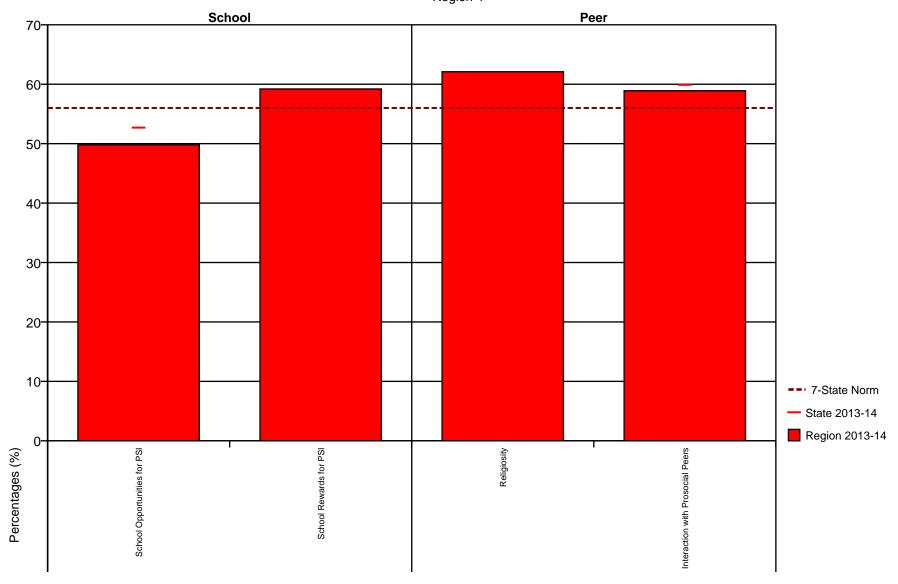


Figure 13: Protective Factors - Grade 6

# Protective Factors - Grade 8 Region 4

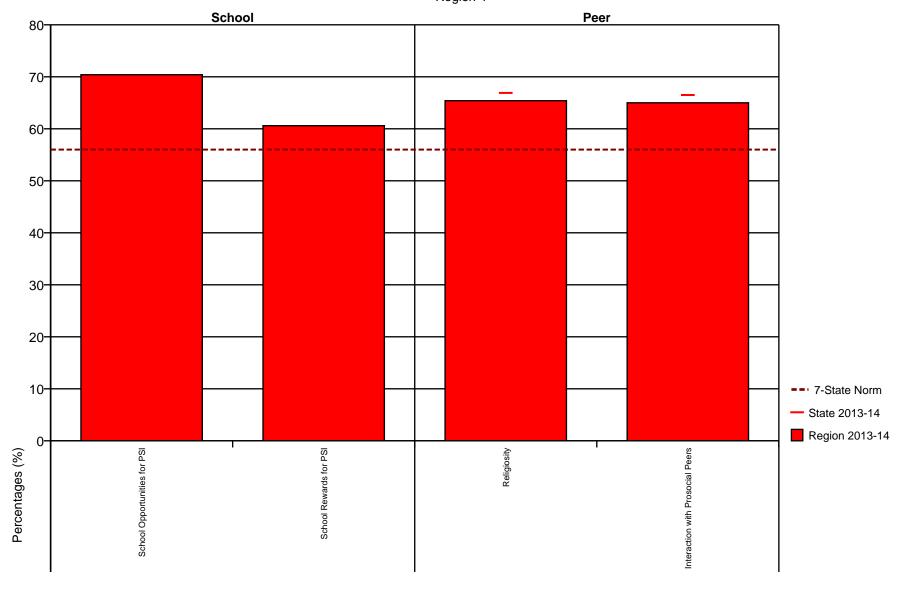


Figure 14: Protective Factors - Grade 8

# Protective Factors - Grade 10 Region 4

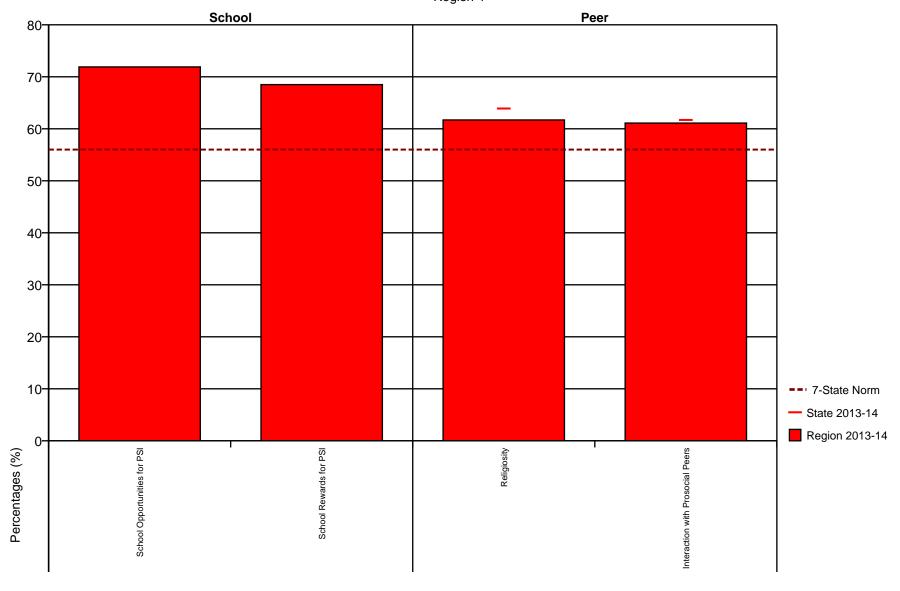


Figure 15: Protective Factors - Grade 10

# Protective Factors - Grade 12 Region 4

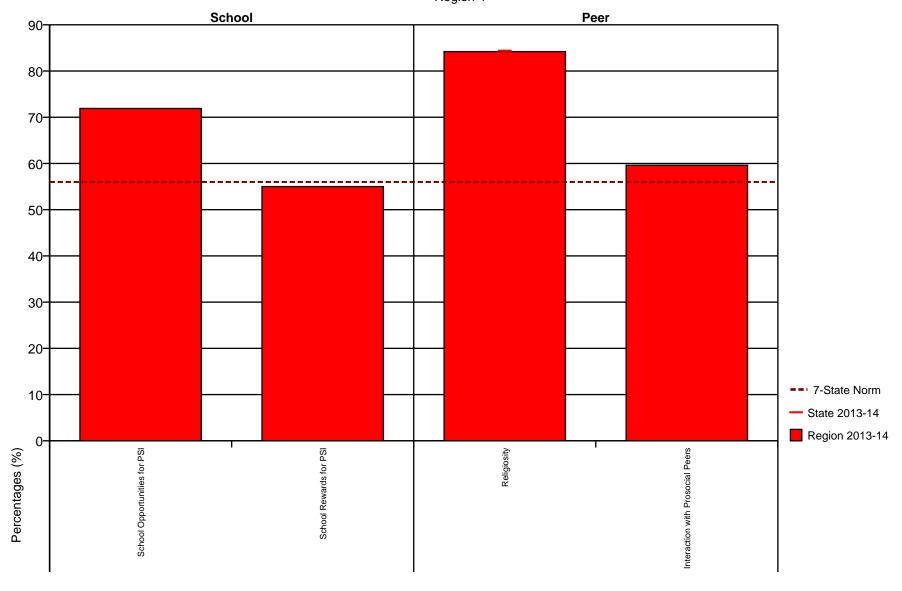


Figure 16: Protective Factors - Grade 12

# School Safety Profile - Grade 6 Region 4

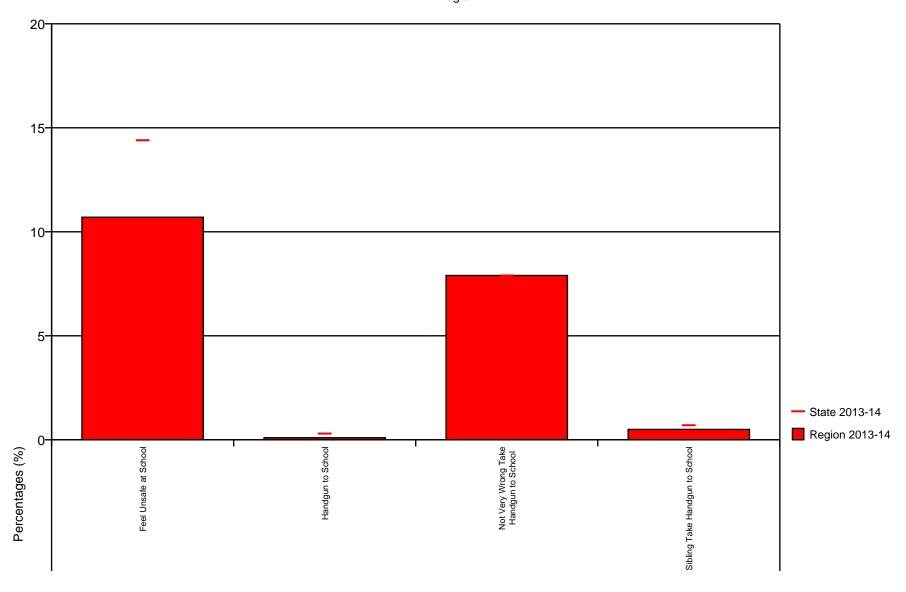


Figure 17: School Safety Profile - Grade 6

#### School Safety Profile - Grade 8 Region 4

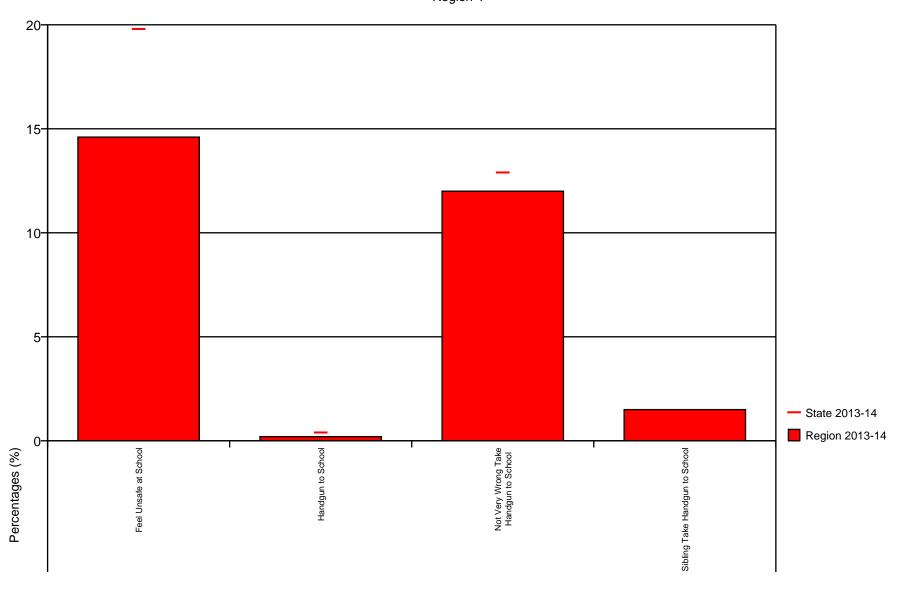


Figure 18: School Safety Profile - Grade 8

#### School Safety Profile - Grade 10 Region 4

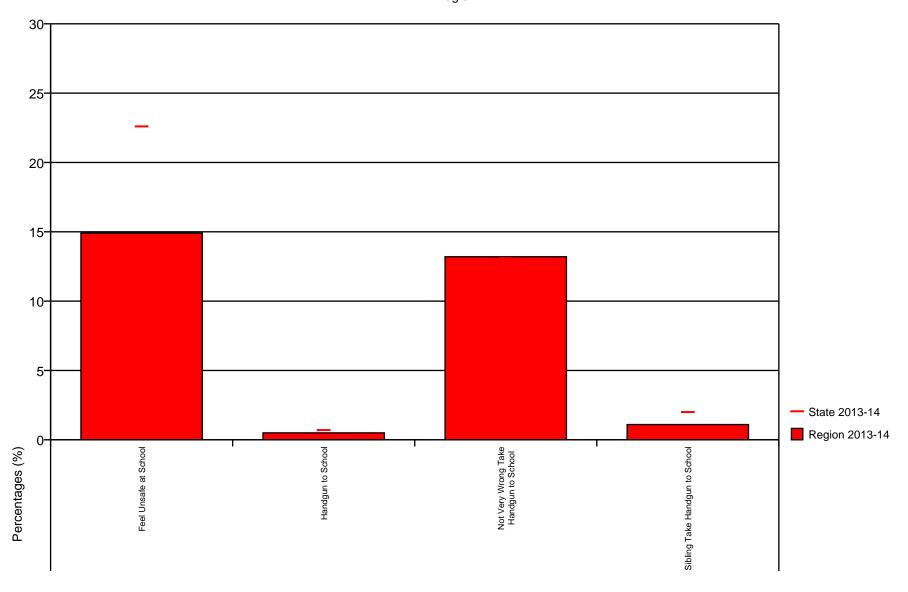


Figure 19: School Safety Profile - Grade 10

#### School Safety Profile - Grade 12 Region 4

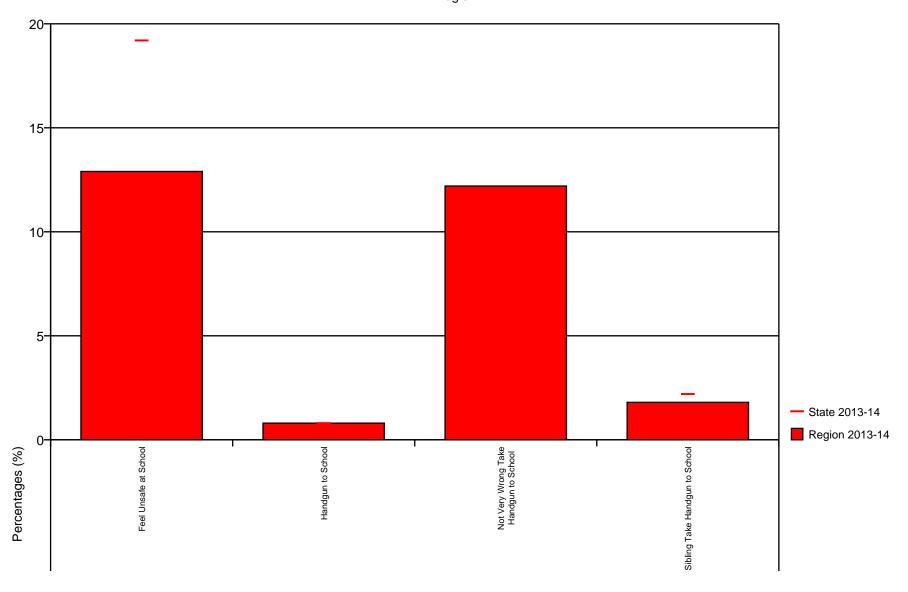


Figure 20: School Safety Profile - Grade 12

### Sources and Locations of Alcohol Use - Grade 6 Region 4

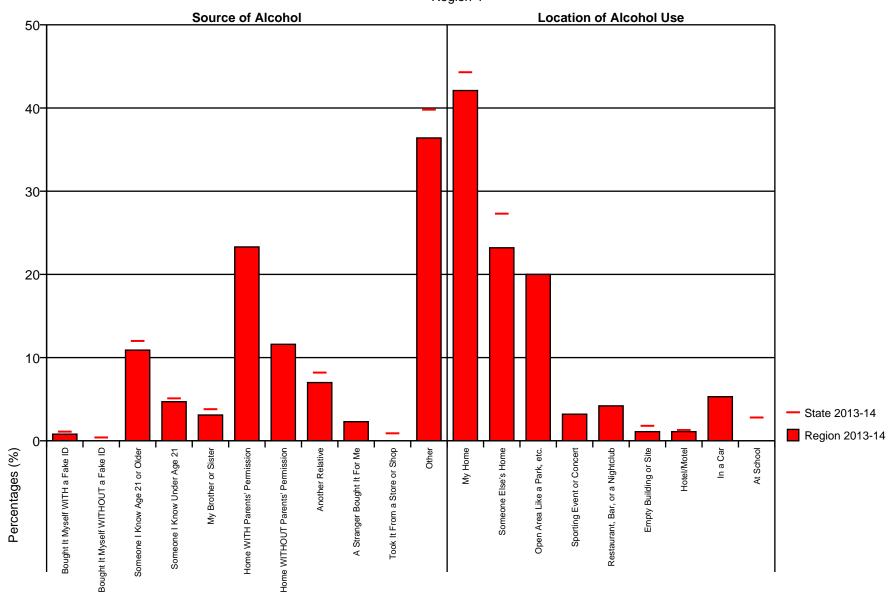


Figure 21: Sources and Locations of Alcohol Use - Grade 6

### Sources and Locations of Alcohol Use - Grade 8 Region 4

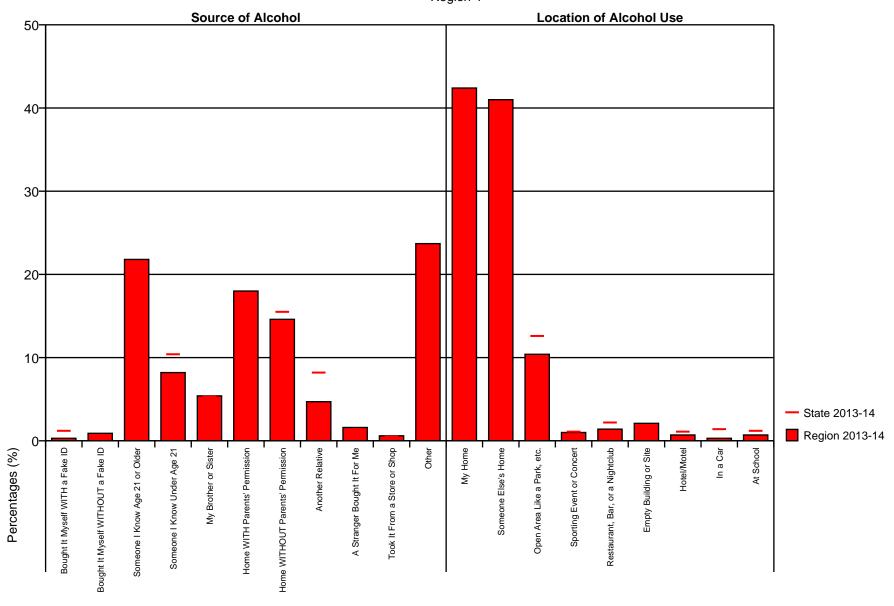


Figure 22: Sources and Locations of Alcohol Use - Grade 8

### Sources and Locations of Alcohol Use - Grade 10 Region 4

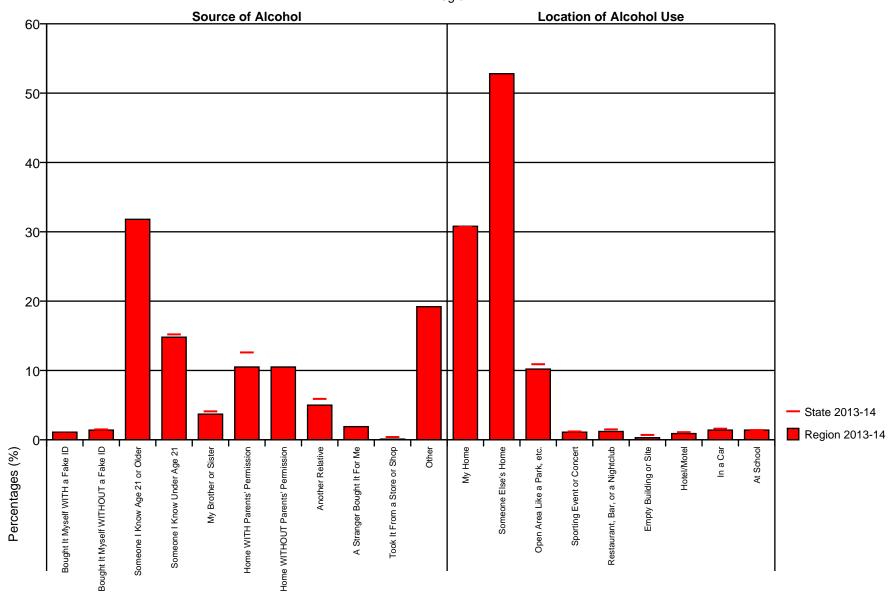


Figure 23: Sources and Locations of Alcohol Use - Grade 10

### Sources and Locations of Alcohol Use - Grade 12 Region 4

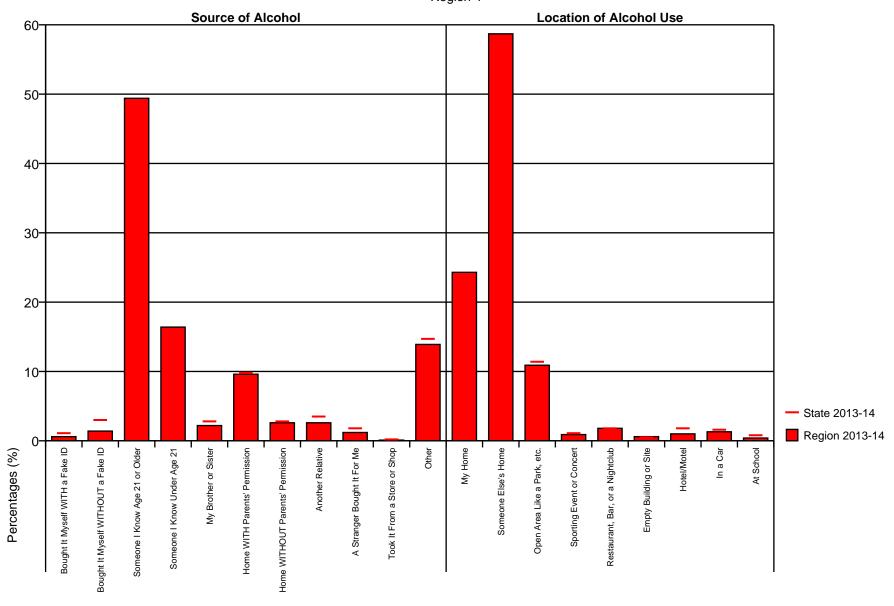


Figure 24: Sources and Locations of Alcohol Use - Grade 12

Table 5: Risk and Protective Factor Scale Definition

| Community Domain Risk Factors |   |  |
|-------------------------------|---|--|
| Community                     | Research has shown that neighborhoods with high population                                  |  |
| Disorganization               | density, lack of natural surveillance of public places, physical                            |  |
| J                             | deterioration, and high rates of adult crime also have higher                               |  |
|                               | rates of juvenile crime and drug selling.   |  |
| Transitions                   | Reseach has shown that transitions from school to school may                                |  |
| and Mobility                  | be accompanied by significant increases in rates of drug use,                               |  |
| and mosnity                   | school dropout and antisocial behavior.   |  |
| Laws and Norms                | Research has shown that legal restrictions on alcohol and to-                               |  |
| Favorable Toward              | bacco use, such as raising the legal drinking age, restricting                              |  |
| Drug Use                      | smoking in public places, and increased taxation have been fol-                             |  |
| Drug Ose                      |   |  |
|                               | lowed by decreases in consumption. Moreover, national surveys                               |  |
|                               | of high school seniors have shown that shifts in normative atti-                            |  |
|                               | tudes toward drug use have preceded changes in prevalence of                                |  |
|                               | use.  |  |
| Perceived Availability        | The availability of cigarettes, alcohol, marijuana, and other il-                           |  |
| of Drugs                      | legal drugs has been related to the use of these substances by                              |  |
|                               | adolescents.  |  |
| Perceived Availability        | The availability of handguns has also been related to the use of                            |  |
| of Handguns                   | these substances by adolescents.  |  |
|                               | Family Domain Risk Factors  |  |
| Poor Family                   | Parents' use of inconsistent and/or unusually harsh or severe                               |  |
| Management                    | punishment with their children places them at higher risk for                               |  |
|                               | substance use and other problem behaviors. Also, parents' fail-                             |  |
|                               | ure to provide clear expectations and to monitor their children's                           |  |
|                               | behavior makes it more likely that they will engage in drug abuse                           |  |
|                               | whether or not there are family drug problems.  |  |
| Family Conflict               | Children raised in families high in conflict, whether or not the                            |  |
| •                             | child is directly involved in the conflict, appear at risk for both                         |  |
|                               | delinquency and drug use.   |  |
| Family History of             | When children are raised in a family with a history of problem                              |  |
| Antisocial Behavior           | behaviors (e.g., violence or ATOD use), the children are more                               |  |
|                               | likely to engage in these behaviors.  |  |
| Parental Attitudes            | In families where parents use illegal drugs, are heavy users of                             |  |
| Favorable Toward              | alcohol, or are tolerant of children's use, children are more likely                        |  |
| Drug Use                      | to become drug abusers during adolescence. The risk is further                              |  |
|                               | increased if parents involve children in their own drug (or alco-                           |  |
|                               | hol) using behavior, for example, asking the child to light the                             |  |
|                               | parent's cigarette or get the parent a beer from the refrigerator.                          |  |
| Parental Attitudes            | In families where parents are tolerant of their child's antisocial                          |  |
| Favorable Toward              | behavior (i.e. fighting, stealing, defacing property, etc.), chil-                          |  |
| Antisocial Behavior           | ,   |  |
| Antisocial Denavior           | dren are more likely to become drug abusers during adolescence.  School Domain Risk Factors |  |
| Academic Failure              |   |  |
| Academic Failure              | Beginning in the late elementary grades (grades 4-6) academic                               |  |
|                               | failure increases the risk of both drug abuse and delinquency. It                           |  |
|                               | appears that the experience of failure itself, for whatever reasons,                        |  |
|                               | increases the risk of problem behaviors.  |  |

continued on the next column

#### Risk and Protective Factor Scale Definition (continued

| Risk and Protective Factor Scale Definition (continued) |  |  |
|---|--|--|
| Low Commitment  | Surveys of high school seniors have shown that the use of hal-   |  |
| to School   | lucinogens, cocaine, heroin, stimulants, and sedatives or non-   |  |
|   | medically prescribed tranquilizers is significantly lower among  |  |
|   | students who expect to attend college than among those who do  |  |
|   | not. Factors such as liking school, spending time on homework,   |  |
|   | and perceiving the coursework as relevant are also negatively  |  |
|   | related to drug use.   |  |
|   | School Domain Protective Factors   |  |
| Opportunities for                                       | When young people are given more opportunities to participate  |  |
| Prosocial   | meaningfully in important activities at school, they are less likely   |  |
| Involvement   | to engage in drug use and other problem behaviors.   |  |
| Rewards for   | When young people are recognized and rewarded for their contri-  |  |
| Prosocial   | butions at school, they are less likely to be involved in substance  |  |
| Involvement   | use and other problem behaviors.   |  |
| E 1 1 22 22   | Individual/Peer Risk Factors   |  |
| Early Initiation  | Early onset of drug use predicts misuse of drugs. The earlier the  |  |
| of Drug Use   | onset of any drug use, the greater the involvement in other drug   |  |
|   | use and the greater frequency of use. Onset of drug use prior to<br>the age of 15 is a consistent predictor of drug abuse, and a later |  |
|   | age of onset of drug use has been shown to predict lower drug  |  |
|   | involvement and a greater probability of discontinuation of use.   |  |
| Early Initiation  | Early onset of antisocial behaviors such as being suspended from   |  |
| of Antisocial Behavior                                  | school, arrests, carrying handguns, fighting, etc. makes young   |  |
| of Antisocial Bellaviol                                 | people more likely to be involved in substance abuse.  |  |
| Attitudes Favorable                                     | During the elementary school years, most children express anti-  |  |
| Toward Drug Use   | drug, anti-crime, and pro-social attitudes and have difficulty   |  |
| Tomara Brag Osc   | imagining why people use drugs. However, in middle school,   |  |
|   | as more youth are exposed to others who use drugs, their atti-   |  |
|   | tudes often shift toward greater acceptance of these behaviors.  |  |
|   | Youth who express positive attitudes toward drug use are more  |  |
|   | likely to engage in a variety of problem behaviors, including drug   |  |
|   | use.   |  |
| Attitudes Favorable                                     | During the elementary school years, most children express anti-  |  |
| Toward  | drug, anti-crime, and pro-social attitudes and have difficulty   |  |
| Antisocial Behavior                                     | imagining why people engage in antisocial behaviors. How-  |  |
|   | ever, in middle school, as more youth are exposed to others  |  |
|   | who engage in antisocial behavior, their attitudes often shift to-   |  |
|   | ward greater acceptance of these behaviors. Youth who express  |  |
|   | positive attitudes toward antisocial behavior are more likely to   |  |
|   | engage in a variety of problem behaviors, including antisocial   |  |
| L. D LD' !  | behavior.  |  |
| Low Perceived Risk                                      | Young people who do not perceive drug use to be risky are far  |  |
| of Drug Use   | more likely to engage in drug use.   |  |
| Interaction with<br>Antisocial Peers                    | Young people who associate with peers who engage in problem  |  |
| Antisociai Peers  | behaviors are at higher risk for engaging in antisocial behavior themselves.   |  |
| Friends' Hea of Druss                                   |  |  |
| Friends' Use of Drugs                                   | Young people who associate with peers who engage in alcohol or substance abuse are much more likely to engage in the same be-          |  |
|   | havior. Peer drug use has consistently been found to be among  |  |
|   | the strongest predictors of substance use among youth. Even  |  |
|   | when young people come from well-managed families and do not   |  |
|   | experience other risk factors, spending time with friends who use  |  |
|   | drugs greatly increases the risk of that problem developing.   |  |
|   | continued on the next column   |  |

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# Risk and Protective Factor Scale Definition (continued)

| Rewards for Antisocial Involve- | Young people who receive rewards for their antisocial behavior are at higher risk for engaging further in antisocial behavior and |
|---------------------------------|---|
| ment                            | substance use.  |
| Depressive                      | Young people who express feelings of sadness for long periods   |
| Symptoms                        | over the past year and who have negative attitudes about them-  |
|                                 | selves and life in general are more likely to use drugs.  |
| Gang                            | Gang involvement by young people is strongly related to many  |
| Involvement                     | problem behaviors includeing drug use.  |
|                                 | Individual/Peer Protective Factors  |
| Religiosity                     | Young people who regularly attend religious services are less   |
|                                 | likely to engage in problem behaviors.  |
| Interaction with                | Reseach has found that young people who interact with prosocial   |
| Prosocial Peers                 | peers are less likely to engage in problem behaviors.   |

Table 6: Alcohol - Lifetime Use

| Grade    | Group  | 2013-14 |
|----------|--------|---------|
| 6        | region | 7.9     |
|          | state  | 8.5     |
| 8        | region | 22.1    |
|          | state  | 23.4    |
|          | MTF    | 27.8    |
| 10       | region | 46.8    |
|          | state  | 45.5    |
|          | MTF    | 52.1    |
| 12       | region | 60.5    |
|          | state  | 58.8    |
|          | MTF    | 68.2    |
| Combined | region | 31.6    |
|          | state  | 31.5    |

Table 7: Cigarettes - Lifetime Use

| Grade    | Group  | 2013-14 |
|----------|--------|---------|
| 6        | region | 7.4     |
|          | state  | 7.0     |
| 8        | region | 18.3    |
|          | state  | 18.0    |
|          | MTF    | 14.8    |
| 10       | region | 31.5    |
|          | state  | 30.6    |
|          | MTF    | 25.7    |
| 12       | region | 39.6    |
|          | state  | 39.6    |
|          | MTF    | 38.1    |
| Combined | region | 22.6    |
|          | state  | 22.2    |

Table 8: Chewing Tobacco - Lifetime Use

| Grade    | Group  | 2013-14 |
|----------|--------|---------|
| 6        | region | 5.0     |
|          | state  | 4.7     |
| 8        | region | 11.1    |
|          | state  | 11.1    |
|          | MTF    | 7.9     |
| 10       | region | 21.3    |
|          | state  | 18.8    |
|          | MTF    | 14.0    |
| 12       | region | 22.5    |
|          | state  | 22.2    |
|          | MTF    | 17.2    |
| Combined | region | 14.1    |
|          | state  | 13.3    |

Table 9: Marijuana - Lifetime Use

| Grade    | Group  | 2013-14 |
|----------|--------|---------|
| 6        | region | 1.2     |
|          | state  | 1.3     |
| 8        | region | 8.8     |
|          | state  | 8.9     |
|          | MTF    | 16.5    |
| 10       | region | 23.0    |
|          | state  | 23.9    |
|          | MTF    | 35.8    |
| 12       | region | 35.1    |
|          | state  | 34.3    |
|          | MTF    | 45.5    |
| Combined | region | 15.2    |
|          | state  | 15.3    |

Table 10: Hallucinogens - Lifetime Use

| Grade    | Group  | 2013-14 |
|----------|--------|---------|
| Grade    | Group  | 2013-14 |
| 6        | region | 0.2     |
|          | state  | 0.2     |
| 8        | region | 0.5     |
|          | state  | 0.7     |
|          | MTF    | 1.4     |
| 10       | region | 1.7     |
|          | state  | 1.9     |
|          | MTF    | 2.7     |
| 12       | region | 4.0     |
|          | state  | 3.6     |
|          | MTF    | 3.9     |
| Combined | region | 1.4     |
|          | state  | 1.4     |

Table 11: Cocaine - Lifetime Use

| Grade    | Group  | 2013-14 |
|----------|--------|---------|
| 6        | region | 0.5     |
|          | state  | 0.4     |
| 8        | region | 1.3     |
|          | state  | 0.9     |
|          | MTF    | 1.7     |
| 10       | region | 1.6     |
|          | state  | 1.5     |
|          | MTF    | 3.3     |
| 12       | region | 2.2     |
|          | state  | 2.6     |
|          | MTF    | 4.5     |
| Combined | region | 1.3     |
|          | state  | 1.2     |
|          |        |         |

Table 12: Inhalants - Lifetime Use

| Grade    | Group  | 2013-14 |
|----------|--------|---------|
| 6        | region | 3.1     |
|          | state  | 3.5     |
| 8        | region | 7.5     |
|          | state  | 7.1     |
|          | MTF    | 10.8    |
| 10       | region | 8.2     |
|          | state  | 7.7     |
|          | MTF    | 8.7     |
| 12       | region | 6.0     |
|          | state  | 6.1     |
|          | MTF    | 6.9     |
| Combined | region | 6.2     |
|          | state  | 6.1     |

Table 13: Synthetic Marijuana - Lifetime Use

| Grade    | Group  | 2013-14 |
|----------|--------|---------|
| 6        | region | 0.3     |
|          | state  | 0.4     |
| 8        | region | 3.1     |
|          | state  | 2.4     |
| 10       | region | 7.5     |
|          | state  | 6.1     |
| 12       | region | 13.2    |
|          | state  | 10.1    |
| Combined | region | 5.3     |
|          | state  | 4.2     |

Table 14: Meth - Lifetime Use

| Grade    | Group  | 2013-14 |
|----------|--------|---------|
| 6        | region | 0.3     |
|          | state  | 0.3     |
| 8        | region | 0.8     |
|          | state  | 0.7     |
|          | MTF    | 1.4     |
| 10       | region | 1.7     |
|          | state  | 1.4     |
|          | MTF    | 1.6     |
| 12       | region | 2.8     |
|          | state  | 2.1     |
|          | MTF    | 1.5     |
| Combined | region | 1.3     |
|          | state  | 1.0     |

Table 15: Bath Salts - Lifetime Use

| Grade    | Group  | 2013-14 |
|----------|--------|---------|
| 6        | region | 0.8     |
|          | state  | 1.2     |
| 8        | region | 1.2     |
|          | state  | 0.9     |
| 10       | region | 0.9     |
|          | state  | 0.8     |
| 12       | region | 0.4     |
|          | state  | 0.7     |
| Combined | region | 0.9     |
|          | state  | 1.0     |

Table 16: Heroin - Lifetime Use

| Grade    | Group  | 2013-14 |
|----------|--------|---------|
| 6        | region | 0.1     |
|          | state  | 0.2     |
| 8        | region | 0.5     |
|          | state  | 0.5     |
|          | MTF    | 1.0     |
| 10       | region | 1.2     |
|          | state  | 1.0     |
|          | MTF    | 1.0     |
| 12       | region | 2.4     |
|          | state  | 1.7     |
|          | MTF    | 1.0     |
| Combined | region | 1.0     |
|          | state  | 0.8     |

Table 17: Ecstasy - Lifetime Use

| Grade    | Group  | 2013-14 |
|----------|--------|---------|
| 6        | region | 0.1     |
|          | state  | 0.1     |
| 8        | region | 0.8     |
|          | state  | 0.7     |
|          | MTF    | 1.8     |
| 10       | region | 1.9     |
|          | state  | 2.0     |
|          | MTF    | 5.7     |
| 12       | region | 4.4     |
|          | state  | 3.5     |
|          | MTF    | 7.1     |
| Combined | region | 1.6     |
|          | state  | 1.4     |

Table 18: Prescription Drugs
- Lifetime Use

| Grade    | Group  | 2013-14 |
|----------|--------|---------|
| 6        | region | 1.5     |
|          | state  | 1.8     |
| 8        | region | 3.7     |
|          | state  | 4.4     |
| 10       | region | 10.1    |
|          | state  | 10.3    |
| 12       | region | 14.1    |
|          | state  | 14.3    |
|          | MTF    | 21.5    |
| Combined | region | 6.7     |
|          | state  | 7.0     |

Table 19: Over-The-Counter Drugs - Lifetime Use

| Grade    | Group  | 2013-14 |
|----------|--------|---------|
| 6        | region | 0.9     |
|          | state  | 0.9     |
| 8        | region | 2.3     |
|          | state  | 2.5     |
| 10       | region | 5.7     |
|          | state  | 5.3     |
| 12       | region | 5.6     |
|          | state  | 5.9     |
| Combined | region | 3.4     |
|          | state  | 3.4     |

Table 20: Alcopops - Lifetime Use

| Grade    | Group  | 2013-14 |
|----------|--------|---------|
| 6        | region | 3.8     |
|          | state  | 3.8     |
| 8        | region | 12.4    |
|          | state  | 14.3    |
|          | MTF    | 21.9    |
| 10       | region | 30.6    |
|          | state  | 30.1    |
|          | MTF    | 44.9    |
| 12       | region | 40.9    |
|          | state  | 40.5    |
|          | MTF    | 58.9    |
| Combined | region | 20.0    |
|          | state  | 20.3    |

Table 21: Any Drug -Lifetime Use

| Grade    | Group  | 2013-14 |
|----------|--------|---------|
| 6        | region | 5.6     |
|          | state  | 6.8     |
| 8        | region | 15.3    |
|          | state  | 16.0    |
| 10       | region | 28.7    |
|          | state  | 29.4    |
| 12       | region | 38.6    |
|          | state  | 38.3    |
| Combined | region | 20.4    |
|          | state  | 21.0    |

Table 22: Alcohol - Past 30 Day Use

| Grade    | Group  | 2013-14 |
|----------|--------|---------|
| 6        | region | 1.7     |
|          | state  | 1.6     |
| 8        | region | 6.2     |
|          | state  | 7.0     |
|          | MTF    | 10.2    |
| 10       | region | 18.6    |
|          | state  | 19.0    |
|          | MTF    | 25.7    |
| 12       | region | 29.4    |
|          | state  | 29.0    |
|          | MTF    | 39.2    |
| Combined | region | 12.4    |
|          | state  | 12.6    |

Table 23: Cigarettes - Past 30 Day Use

| Grade    | Group  | 2013-14 |
|----------|--------|---------|
|          | •      |         |
| 6        | region | 1.9     |
|          | state  | 1.3     |
| 8        | region | 4.7     |
|          | state  | 4.5     |
|          | MTF    | 4.5     |
| 10       | region | 10.8    |
|          | state  | 10.9    |
|          | MTF    | 9.1     |
| 12       | region | 18.5    |
|          | state  | 17.5    |
|          | MTF    | 16.3    |
| Combined | region | 8.1     |
|          | state  | 7.6     |
|          |        |         |

Table 24: Chewing Tobacco -Past 30 Day Use

| Grade    | Group  | 2013-14 |
|----------|--------|---------|
| 6        | region | 1.7     |
|          | state  | 1.3     |
| 8        | region | 3.7     |
|          | state  | 4.3     |
|          | MTF    | 2.8     |
| 10       | region | 10.1    |
|          | state  | 8.4     |
|          | MTF    | 6.4     |
| 12       | region | 9.5     |
|          | state  | 10.4    |
|          | MTF    | 8.1     |
| Combined | region | 5.9     |
|          | state  | 5.6     |

Table 25: Marijuana - Past 30 Day Use

| Grade    | Group  | 2013-14 |
|----------|--------|---------|
| 6        | region | 0.3     |
|          | state  | 0.5     |
| 8        | region | 3.7     |
|          | state  | 3.9     |
|          | MTF    | 7.0     |
| 10       | region | 11.8    |
|          | state  | 11.2    |
|          | MTF    | 18.0    |
| 12       | region | 18.0    |
|          | state  | 16.3    |
|          | MTF    | 22.7    |
| Combined | region | 7.5     |
|          | state  | 7.1     |
|          |        |         |

Table 26: Hallucinogens -Past 30 Day Use

| Grade    | Group  | 2013-14 |
|----------|--------|---------|
| 6        | region | 0.1     |
|          | state  | 0.1     |
| 8        | region | 0.3     |
|          | state  | 0.3     |
|          | MTF    | 0.5     |
| 10       | region | 0.6     |
|          | state  | 0.6     |
|          | MTF    | 0.6     |
| 12       | region | 1.6     |
|          | state  | 1.0     |
|          | MTF    | 0.8     |
| Combined | region | 0.6     |
|          | state  | 0.4     |

Table 27: Cocaine - Past 30 Day Use

| Grade    | Group  | 2013-14 |
|----------|--------|---------|
| 6        | region | 0.1     |
|          | state  | 0.2     |
| 8        | region | 0.4     |
|          | state  | 0.4     |
|          | MTF    | 0.5     |
| 10       | region | 0.3     |
|          | state  | 0.4     |
|          | MTF    | 0.8     |
| 12       | region | 0.6     |
|          | state  | 0.6     |
|          | MTF    | 1.1     |
| Combined | region | 0.3     |
|          | state  | 0.4     |

Table 28: Inhalants - Past 30 Day Use

| Grade    | Group  | 2013-14 |
|----------|--------|---------|
| 6        | region | 1.3     |
|          | state  | 1.5     |
| 8        | region | 3.1     |
|          | state  | 2.6     |
|          | MTF    | 2.3     |
| 10       | region | 2.3     |
|          | state  | 2.1     |
|          | MTF    | 1.3     |
| 12       | region | 0.5     |
|          | state  | 1.1     |
|          | MTF    | 1.0     |
| Combined | region | 1.9     |
|          | state  | 1.9     |

Table 29: Synthetic Marijuana - Past 30 Day Use

| Grade    | Group  | 2013-14 |
|----------|--------|---------|
| 6        | region | 0.2     |
|          | state  | 0.2     |
| 8        | region | 0.9     |
|          | state  | 0.9     |
| 10       | region | 1.8     |
|          | state  | 1.6     |
| 12       | region | 2.4     |
|          | state  | 1.4     |
| Combined | region | 1.2     |
|          | state  | 1.0     |

Table 30: Meth - Past 30 Day Use

| Grade    | Group  | 2013-14 |
|----------|--------|---------|
| 6        | region | 0.1     |
|          | state  | 0.1     |
| 8        | region | 0.2     |
|          | state  | 0.3     |
|          | MTF    | 0.4     |
| 10       | region | 0.5     |
|          | state  | 0.4     |
|          | MTF    | 0.4     |
| 12       | region | 0.8     |
|          | state  | 0.5     |
|          | MTF    | 0.4     |
| Combined | region | 0.4     |
|          | state  | 0.3     |

Table 31: Bath Salts - Past 30 Day Use

| Grade    | Group  | 2013-14 |
|----------|--------|---------|
| 6        | region | 0.5     |
|          | state  | 0.5     |
| 8        | region | 0.5     |
|          | state  | 0.4     |
| 10       | region | 0.2     |
|          | state  | 0.3     |
| 12       | region | 0.3     |
|          | state  | 0.3     |
| Combined | region | 0.4     |
|          | state  | 0.4     |

Table 32: Heroin - Past 30 Day Use

| Grade    | Group  | 2013-14 |
|----------|--------|---------|
| 6        | region | 0.0     |
|          | state  | 0.1     |
| 8        | region | 0.1     |
|          | state  | 0.2     |
|          | MTF    | 0.3     |
| 10       | region | 0.8     |
|          | state  | 0.4     |
|          | MTF    | 0.3     |
| 12       | region | 0.9     |
|          | state  | 0.6     |
|          | MTF    | 0.3     |
| Combined | region | 0.4     |
|          | state  | 0.3     |

Table 33: Ecstasy - Past 30 Day Use

| Grade    | Group  | 2013-14 |
|----------|--------|---------|
| 6        | region | 0.1     |
|          | state  | 0.1     |
| 8        | region | 0.1     |
|          | state  | 0.3     |
|          | MTF    | 0.5     |
| 10       | region | 0.8     |
|          | state  | 0.6     |
|          | MTF    | 1.2     |
| 12       | region | 1.2     |
|          | state  | 0.7     |
|          | MTF    | 1.5     |
| Combined | region | 0.5     |
|          | state  | 0.4     |

Table 34: Prescription Drugs
- Past 30 Day Use

| Grade    | Group  | 2013-14 |
|----------|--------|---------|
| 6        | region | 0.8     |
|          | state  | 0.9     |
| 8        | region | 1.2     |
|          | state  | 2.2     |
| 10       | region | 4.8     |
|          | state  | 4.7     |
| 12       | region | 6.3     |
|          | state  | 5.7     |
|          | MTF    | 7.0     |
| Combined | region | 3.0     |
|          | state  | 3.1     |

Table 35: Over-The-Counter Drugs - Past 30 Day Use

| Grade    | Group  | 2013-14 |
|----------|--------|---------|
| 6        | region | 0.3     |
|          | state  | 0.5     |
| 8        | region | 1.5     |
|          | state  | 1.3     |
| 10       | region | 2.5     |
|          | state  | 2.3     |
| 12       | region | 2.3     |
|          | state  | 2.1     |
| Combined | region | 1.6     |
|          | state  | 1.5     |

Table 36: Alcopops - Past 30 Day Use

| Grade    | Group  | 2013-14 |
|----------|--------|---------|
| 6        | region | 1.3     |
|          | state  | 1.3     |
| 8        | region | 4.9     |
|          | state  | 5.2     |
|          | MTF    | 6.3     |
| 10       | region | 12.5    |
|          | state  | 12.2    |
|          | MTF    | 15.5    |
| 12       | region | 16.9    |
|          | state  | 17.3    |
|          | MTF    | 21.0    |
| Combined | region | 8.1     |
|          | state  | 8.2     |

Table 37: Any Drug - Past 30 Day Use

| Grade    | Group  | 2013-14 |
|----------|--------|---------|
| 6        | region | 3.1     |
|          | state  | 3.4     |
| 8        | region | 7.5     |
|          | state  | 7.9     |
| 10       | region | 15.4    |
|          | state  | 15.3    |
| 12       | region | 21.9    |
|          | state  | 19.8    |
| Combined | region | 11.0    |
|          | state  | 10.8    |

Table 38: Binge Drinking

| Group  | 2013-14  |
|--------|--|
| region | 0.7  |
| state  | 0.8  |
| region | 4.0  |
| state  | 4.1  |
| region | 11.9   |
| state  | 11.6   |
| region | 19.9   |
| state  | 18.8   |
| region | 8.0  |
| state  | 7.8  |
|        | region<br>state<br>region<br>state<br>region<br>state<br>region<br>state<br>region |

Table 39: Pack of Cigarettes

| Grade    | Group  | 2013-14 |
|----------|--------|---------|
| 6        | region | 0.0     |
|          | state  | 0.1     |
| 8        | region | 0.2     |
|          | state  | 0.3     |
| 10       | region | 1.2     |
|          | state  | 0.9     |
| 12       | region | 2.0     |
|          | state  | 1.6     |
| Combined | region | 0.8     |
|          | state  | 0.6     |

Table 40: Suspended from School

| Grade    | Group  | 2013-14 |
|----------|--------|---------|
| 6        | region | 5.6     |
|          | state  | 10.1    |
| 8        | region | 9.8     |
|          | state  | 13.5    |
| 10       | region | 9.4     |
|          | state  | 11.4    |
| 12       | region | 5.9     |
|          | state  | 8.8     |
| Combined | region | 7.8     |
|          | state  | 11.2    |

Table 41: Drunk or High at School

| Grade    | Group  | 2013-14 |
|----------|--------|---------|
| 6        | region | 1.0     |
|          | state  | 1.3     |
| 8        | region | 4.6     |
|          | state  | 5.2     |
| 10       | region | 12.3    |
|          | state  | 12.3    |
| 12       | region | 14.5    |
|          | state  | 15.8    |
| Combined | region | 7.4     |
|          | state  | 7.9     |

Table 42: Sold Illegal Drugs

| Grade    | Group  | 2013-14 |
|----------|--------|---------|
| 6        | region | 0.1     |
|          | state  | 0.4     |
| 8        | region | 1.2     |
|          | state  | 1.8     |
| 10       | region | 5.2     |
|          | state  | 5.3     |
| 12       | region | 6.5     |
|          | state  | 6.8     |
| Combined | region | 2.9     |
|          | state  | 3.2     |

Table 43: Stolen a Vehicle

| Grade    | Group  | 2013-14 |
|----------|--------|---------|
| 6        | region | 0.4     |
|          | state  | 0.8     |
| 8        | region | 0.9     |
|          | state  | 1.3     |
| 10       | region | 1.5     |
|          | state  | 1.7     |
| 12       | region | 1.1     |
|          | state  | 1.3     |
| Combined | region | 1.0     |
|          | state  | 1.2     |

Table 44: Been Arrested

| Grade    | Group  | 2013-14 |
|----------|--------|---------|
| 6        | region | 1.0     |
|          | state  | 1.4     |
| 8        | region | 3.9     |
|          | state  | 3.3     |
| 10       | region | 4.8     |
|          | state  | 4.9     |
| 12       | region | 5.4     |
|          | state  | 5.0     |
| Combined | region | 3.6     |
|          | state  | 3.5     |
|          |        |         |

Table 45: Attacked to Harm

| Grade    | Group  | 2013-14 |
|----------|--------|---------|
| 6        | region | 7.7     |
|          | state  | 8.2     |
| 8        | region | 10.5    |
|          | state  | 11.5    |
| 10       | region | 10.3    |
|          | state  | 11.7    |
| 12       | region | 7.5     |
|          | state  | 9.6     |
| Combined | region | 9.1     |
|          | state  | 10.3    |

Table 46: Carried a Handgun

| Grade    | Group  | 2013-14 |
|----------|--------|---------|
| 6        | region | 4.1     |
|          | state  | 4.2     |
| 8        | region | 3.9     |
|          | state  | 4.7     |
| 10       | region | 4.6     |
|          | state  | 5.2     |
| 12       | region | 4.1     |
|          | state  | 4.8     |
| Combined | region | 4.2     |
|          | state  | 4.7     |
|          |        |         |

Table 47: Handgun to School

| Grade    | Group  | 2013-14 |
|----------|--------|---------|
| 6        | region | 0.1     |
|          | state  | 0.3     |
| 8        | region | 0.2     |
|          | state  | 0.4     |
| 10       | region | 0.5     |
|          | state  | 0.7     |
| 12       | region | 0.8     |
|          | state  | 0.8     |
| Combined | region | 0.4     |
|          | state  | 0.5     |

Table 48: Community Risk -High Community Disorganization

| Grade    | Group  | 2013-14 |
|----------|--------|---------|
| 6        | region | 36.4    |
|          | state  | 34.4    |
| 8        | region | 30.3    |
|          | state  | 29.7    |
| 10       | region | 43.0    |
|          | state  | 43.1    |
| 12       | region | 40.4    |
|          | state  | 41.8    |
| Combined | region | 37.2    |
|          | state  | 36.6    |

Table 49: Community Risk - Transitions and Mobility

| Grade    | Group  | 2013-14 |
|----------|--------|---------|
| 6        | region | 43.2    |
|          | state  | 46.9    |
| 8        | region | 45.8    |
|          | state  | 52.2    |
| 10       | region | 61.9    |
|          | state  | 57.1    |
| 12       | region | 45.7    |
|          | state  | 50.2    |
| Combined | region | 49.3    |
|          | state  | 51.7    |

Table 50: Community Risk -Laws and Norms Favorable to Drug Use

| Grade    | Group  | 2013-14 |
|----------|--------|---------|
| 6        | region | 30.5    |
|          | state  | 33.2    |
| 8        | region | 25.3    |
|          | state  | 27.7    |
| 10       | region | 34.6    |
|          | state  | 36.4    |
| 12       | region | 28.2    |
|          | state  | 29.0    |
| Combined | region | 29.7    |
|          | state  | 31.6    |

Table 51: Community Risk -Perceived Availability of Drugs

| Grade    | Group  | 2013-14 |
|----------|--------|---------|
| 6        | region | 17.4    |
|          | state  | 17.2    |
| 8        | region | 19.9    |
|          | state  | 20.5    |
| 10       | region | 32.3    |
|          | state  | 30.4    |
| 12       | region | 33.9    |
|          | state  | 36.5    |
| Combined | region | 25.1    |
|          | state  | 25.3    |

Table 52: Community Risk -Perceived Availability of Handguns

| Grade    | Group  | 2013-14 |
|----------|--------|---------|
| 6        | region | 21.8    |
|          | state  | 23.4    |
| 8        | region | 34.5    |
|          | state  | 35.6    |
| 10       | region | 30.2    |
|          | state  | 30.1    |
| 12       | region | 33.7    |
|          | state  | 35.3    |
| Combined | region | 29.7    |
|          | state  | 31.0    |

Table 53: Family Risk - Poor Family Management

| Group  | 2013-14  |
|--------|--|
| region | 31.0   |
| state  | 32.3   |
| region | 32.4   |
| state  | 32.1   |
| region | 32.6   |
| state  | 32.7   |
| region | 31.0   |
| state  | 34.2   |
| region | 31.8   |
| state  | 32.7   |
|        | region<br>state<br>region<br>state<br>region<br>state<br>region<br>state<br>region |

Table 54: Family Risk - Family Conflict

| Grade    | Group  | 2013-14 |
|----------|--------|---------|
| 6        | region | 33.8    |
|          | state  | 33.1    |
| 8        | region | 41.0    |
|          | state  | 41.6    |
| 10       | region | 34.5    |
|          | state  | 34.9    |
| 12       | region | 33.5    |
|          | state  | 33.8    |
| Combined | region | 35.9    |
|          | state  | 36.2    |

Table 55: Family Risk -Family History of Antisocial Behavior

| Grade    | Group  | 2013-14 |
|----------|--------|---------|
| 6        | region | 29.5    |
|          | state  | 28.9    |
| 8        | region | 29.6    |
|          | state  | 31.2    |
| 10       | region | 34.5    |
|          | state  | 36.9    |
| 12       | region | 31.7    |
|          | state  | 34.1    |
| Combined | region | 31.3    |
|          | state  | 32.6    |

Table 56: Family Risk -Parental Attitudes Favorable to ATOD

| Grade    | Group  | 2013-14 |
|----------|--------|---------|
| 6        | region | 8.6     |
|          | state  | 8.6     |
| 8        | region | 17.1    |
|          | state  | 17.6    |
| 10       | region | 30.5    |
|          | state  | 29.7    |
| 12       | region | 30.3    |
|          | state  | 30.3    |
| Combined | region | 20.7    |
|          | state  | 20.7    |

Table 57: Family Risk -Parental Attitudes Favorable to ASB

| Grade    | Group  | 2013-14 |
|----------|--------|---------|
| 6        | region | 29.0    |
|          | state  | 27.0    |
| 8        | region | 38.8    |
|          | state  | 38.2    |
| 10       | region | 44.2    |
|          | state  | 43.0    |
| 12       | region | 38.9    |
|          | state  | 40.7    |
| Combined | region | 37.5    |
|          | state  | 36.9    |

Table 58: School Risk -Academic Failure

| Grade    | Group  | 2013-14 |
|----------|--------|---------|
| 6        | region | 41.8    |
|          | state  | 38.9    |
| 8        | region | 39.8    |
|          | state  | 39.9    |
| 10       | region | 40.0    |
|          | state  | 43.5    |
| 12       | region | 36.2    |
|          | state  | 36.7    |
| Combined | region | 39.7    |
|          | state  | 39.9    |
| -        |        |         |

Table 59: School Risk - Low Commitment to School

| Grade    | Group  | 2013-14 |
|----------|--------|---------|
| 6        | region | 38.5    |
|          | state  | 39.7    |
| 8        | region | 30.4    |
|          | state  | 34.5    |
| 10       | region | 36.8    |
|          | state  | 41.9    |
| 12       | region | 42.5    |
|          | state  | 45.7    |
| Combined | region | 36.6    |
|          | state  | 39.8    |

Table 60: Peer Risk - Early Initiation of Drug Use

| Grade    | Group  | 2013-14 |
|----------|--------|---------|
| 6        | region | 18.6    |
|          | state  | 17.7    |
| 8        | region | 18.1    |
|          | state  | 18.7    |
| 10       | region | 23.5    |
|          | state  | 24.0    |
| 12       | region | 25.0    |
|          | state  | 24.7    |
| Combined | region | 20.9    |
|          | state  | 20.8    |

Table 61: Peer Risk - Early Initiation of ASB

| Grade    | Group  | 2013-14 |
|----------|--------|---------|
| 6        | region | 18.5    |
|          | state  | 22.0    |
| 8        | region | 25.9    |
|          | state  | 30.2    |
| 10       | region | 30.0    |
|          | state  | 34.2    |
| 12       | region | 30.6    |
|          | state  | 33.7    |
| Combined | region | 25.7    |
|          | state  | 29.6    |

Table 62: Peer Risk - Peer Favorable Attitudes to ASB

| Grade    | Group  | 2013-14 |
|----------|--------|---------|
| 6        | region | 34.3    |
|          | state  | 33.9    |
| 8        | region | 28.8    |
|          | state  | 27.8    |
| 10       | region | 35.9    |
|          | state  | 36.6    |
| 12       | region | 34.4    |
|          | state  | 34.8    |
| Combined | region | 33.2    |
|          | state  | 32.9    |

Table 63: Peer Risk - Peer Favorable Attitudes to Drug Use

| Grade    | Group  | 2013-14 |
|----------|--------|---------|
| 6        | region | 14.7    |
|          | state  | 14.5    |
| 8        | region | 19.5    |
|          | state  | 19.8    |
| 10       | region | 32.1    |
|          | state  | 32.5    |
| 12       | region | 32.1    |
|          | state  | 32.4    |
| Combined | region | 23.7    |
|          | state  | 23.8    |

Table 64: Peer Risk - Low Perceived Risk of Drug Use

| Grade    | Group  | 2013-14 |
|----------|--------|---------|
| 6        | region | 36.2    |
|          | state  | 36.7    |
| 8        | region | 42.6    |
|          | state  | 43.8    |
| 10       | region | 45.5    |
|          | state  | 47.5    |
| 12       | region | 57.0    |
|          | state  | 54.7    |
| Combined | region | 44.3    |
|          | state  | 44.8    |

\*see note on page 12

Table 65: Peer Risk -Interaction with Antisocial Peers

| Grade    | Group  | 2013-14 |
|----------|--------|---------|
| 6        | region | 29.0    |
|          | state  | 36.0    |
| 8        | region | 41.5    |
|          | state  | 44.7    |
| 10       | region | 44.1    |
|          | state  | 46.5    |
| 12       | region | 43.9    |
|          | state  | 45.0    |
| Combined | region | 39.1    |
|          | state  | 42.8    |

Table 66: Peer Risk - Friends' Use of Drugs

| Grade    | Group  | 2013-14 |
|----------|--------|---------|
| 6        | region | 15.9    |
|          | state  | 16.1    |
| 8        | region | 20.4    |
|          | state  | 22.5    |
| 10       | region | 27.8    |
|          | state  | 28.0    |
| 12       | region | 27.6    |
|          | state  | 26.0    |
| Combined | region | 22.4    |
|          | state  | 22.8    |

Table 67: Peer Risk - Peer Rewards for Antisocial Involvement

| Grade    | Group  | 2013-14 |
|----------|--------|---------|
| 6        | region | 23.4    |
|          | state  | 22.9    |
| 8        | region | 30.5    |
|          | state  | 33.5    |
| 10       | region | 40.8    |
|          | state  | 41.7    |
| 12       | region | 53.6    |
|          | state  | 55.4    |
| Combined | region | 35.5    |
|          | state  | 36.8    |

Table 68: Peer Risk - Depressive Symptoms

| Grade    | Group  | 2013-14 |
|----------|--------|---------|
| 6        | region | 35.7    |
|          | state  | 34.5    |
| 8        | region | 40.5    |
|          | state  | 41.1    |
| 10       | region | 47.1    |
|          | state  | 46.0    |
| 12       | region | 38.5    |
|          | state  | 40.1    |
| Combined | region | 40.5    |
|          | state  | 40.3    |

Table 69: Peer Risk - Gang Involvement

| Grade    | Group  | 2013-14 |
|----------|--------|---------|
| 6        | region | 13.6    |
|          | state  | 16.0    |
| 8        | region | 11.6    |
|          | state  | 13.3    |
| 10       | region | 16.0    |
|          | state  | 21.9    |
| 12       | region | 20.5    |
|          | state  | 23.0    |
| Combined | region | 15.0    |
|          | state  | 18.0    |

Table 70: School Protective - School Opportunities for PSI

| Grade    | Group  | 2013-14 |
|----------|--------|---------|
| 6        | region | 49.8    |
|          | state  | 52.7    |
| 8        | region | 70.4    |
|          | state  | 67.4    |
| 10       | region | 71.9    |
|          | state  | 65.2    |
| 12       | region | 71.9    |
|          | state  | 65.7    |
| Combined | region | 65.3    |
|          | state  | 62.5    |

Table 71: School Protective -School Rewards for PSI

| Grade    | Group  | 2013-14 |
|----------|--------|---------|
| 6        | region | 59.2    |
|          | state  | 56.4    |
| 8        | region | 60.6    |
|          | state  | 55.3    |
| 10       | region | 68.5    |
|          | state  | 62.5    |
| 12       | region | 55.0    |
|          | state  | 48.4    |
| Combined | region | 61.2    |
|          | state  | 56.0    |

Table 72: Peer Protective -Religiosity

| Grade    | Group  | 2013-14 |
|----------|--------|---------|
| 6        | region | 62.1    |
|          | state  | 61.5    |
| 8        | region | 65.4    |
|          | state  | 66.9    |
| 10       | region | 61.7    |
|          | state  | 63.9    |
| 12       | region | 84.2    |
|          | state  | 84.4    |
| Combined | region | 67.0    |
|          | state  | 68.0    |

Table 73: Peer Protective - Interaction with Prosocial Peers

| Grade    | Group  | 2013-14 |
|----------|--------|---------|
| 6        | region | 58.9    |
|          | state  | 59.9    |
| 8        | region | 65.0    |
|          | state  | 66.5    |
| 10       | region | 61.1    |
|          | state  | 61.7    |
| 12       | region | 59.6    |
|          | state  | 57.7    |
| Combined | region | 61.3    |
|          | state  | 61.9    |

Table 74: Sources of Alcohol

|          |        | Bought It<br>Myself WITH<br>a Fake ID | Bought It<br>Myself<br>WITHOUT a<br>Fake ID | Someone I<br>Know Age 21<br>or Older | Someone I<br>Know Under<br>Age 21 | My Brother<br>or Sister | Home WITH<br>Parents'<br>Permission | Home<br>WITHOUT<br>Parents'<br>Permission | Another<br>Relative | A Stranger<br>Bought It<br>For Me | Took It<br>From a<br>Store or<br>Shop | Other |
|----------|--------|---------------------------------------|---|--------------------------------------|-----------------------------------|-------------------------|-------------------------------------|---|---------------------|-----------------------------------|---------------------------------------|-------|
| 6        | region | 0.8                                   | 0.0   | 10.9                                 | 4.7                               | 3.1                     | 23.3                                | 11.6                                      | 7.0                 | 2.3                               | 0.0                                   | 36.4  |
|          | state  | 1.1                                   | 0.4   | 12.0                                 | 5.1                               | 3.8                     | 16.6                                | 10.7                                      | 8.2                 | 1.4                               | 0.9                                   | 39.8  |
| 8        | region | 0.3                                   | 0.9   | 21.8                                 | 8.2                               | 5.4                     | 18.0                                | 14.6                                      | 4.7                 | 1.6                               | 0.6                                   | 23.7  |
|          | state  | 1.2                                   | 0.7   | 20.3                                 | 10.4                              | 5.3                     | 15.7                                | 15.5                                      | 8.2                 | 1.4                               | 0.5                                   | 20.9  |
| 10       | region | 1.1                                   | 1.4   | 31.8                                 | 14.8                              | 3.7                     | 10.5                                | 10.5                                      | 5.0                 | 1.9                               | 0.1                                   | 19.2  |
|          | state  | 0.9                                   | 1.5   | 29.9                                 | 15.2                              | 4.1                     | 12.6                                | 9.3                                       | 5.9                 | 1.6                               | 0.4                                   | 18.6  |
| 12       | region | 0.6                                   | 1.4   | 49.4                                 | 16.4                              | 2.2                     | 9.6                                 | 2.6                                       | 2.6                 | 1.2                               | 0.1                                   | 13.9  |
|          | state  | 1.1                                   | 3.0   | 45.6                                 | 14.6                              | 2.8                     | 9.8                                 | 2.8                                       | 3.5                 | 1.8                               | 0.2                                   | 14.7  |
| Combined | region | 0.8                                   | 1.3   | 35.2                                 | 13.5                              | 3.4                     | 12.3                                | 8.3                                       | 4.2                 | 1.6                               | 0.2                                   | 19.2  |
|          | state  | 1.1                                   | 1.8   | 32.8                                 | 13.4                              | 3.8                     | 12.4                                | 8.1                                       | 5.6                 | 1.6                               | 0.4                                   | 19.0  |

Table 75: Location of Alcohol Use

|          |        |         | Someone     | Open Area<br>Like a | Sporting<br>Event or | Restaurant,<br>Bar, or a | Empty<br>Building or |             |          |           |
|----------|--------|---------|-------------|---------------------|----------------------|--------------------------|----------------------|-------------|----------|-----------|
|          |        | My Home | Else's Home | Park, etc.          | Concert              | Nightclub                | Site                 | Hotel/Motel | In a Car | At School |
| 6        | region | 42.1    | 23.2        | 20.0                | 3.2                  | 4.2                      | 1.1                  | 1.1         | 5.3      | 0.0       |
|          | state  | 44.3    | 27.3        | 13.4                | 2.0                  | 4.0                      | 1.8                  | 1.3         | 3.0      | 2.8       |
| 8        | region | 42.4    | 41.0        | 10.4                | 1.0                  | 1.4                      | 2.1                  | 0.7         | 0.3      | 0.7       |
|          | state  | 41.4    | 37.7        | 12.6                | 1.1                  | 2.2                      | 1.3                  | 1.1         | 1.4      | 1.2       |
| 10       | region | 30.8    | 52.8        | 10.2                | 1.1                  | 1.2                      | 0.3                  | 0.9         | 1.4      | 1.4       |
|          | state  | 30.7    | 50.9        | 10.9                | 1.2                  | 1.5                      | 0.7                  | 1.1         | 1.6      | 1.4       |
| 12       | region | 24.3    | 58.7        | 10.9                | 0.9                  | 1.8                      | 0.6                  | 1.0         | 1.3      | 0.4       |
|          | state  | 23.3    | 57.5        | 11.4                | 1.1                  | 1.8                      | 0.5                  | 1.8         | 1.6      | 0.8       |
| Combined | region | 30.8    | 51.5        | 11.1                | 1.1                  | 1.6                      | 0.8                  | 0.9         | 1.4      | 0.8       |
|          | state  | 30.6    | 49.7        | 11.6                | 1.2                  | 1.9                      | 0.8                  | 1.4         | 1.7      | 1.2       |

Table 76: I feel safe at my school.

|          |        | NO! | no   | yes  | YES! |
|----------|--------|-----|------|------|------|
| 6        | region | 3.0 | 7.6  | 38.4 | 50.9 |
|          | state  | 5.2 | 9.1  | 39.1 | 46.6 |
| 8        | region | 4.3 | 10.3 | 51.1 | 34.2 |
|          | state  | 6.6 | 13.2 | 51.1 | 29.0 |
| 10       | region | 4.0 | 10.9 | 59.5 | 25.6 |
|          | state  | 7.6 | 15.0 | 56.5 | 20.9 |
| 12       | region | 3.7 | 9.2  | 57.2 | 29.9 |
|          | state  | 6.8 | 12.4 | 56.3 | 24.6 |
| Combined | region | 3.8 | 9.5  | 50.9 | 35.9 |
|          | state  | 6.5 | 12.4 | 50.1 | 31.0 |

Table 77: How often have you taken a handgun to school.

|          |        | Never | 1-2 times | 3-5 times | 6-9 times | 10-19 times | 20-29 times | 30-39 times | 40+ times |
|----------|--------|-------|-----------|-----------|-----------|-------------|-------------|-------------|-----------|
| 6        | region | 99.9  | 0.1       | 0.0       | 0.0       | 0.0         | 0.0         | 0.0         | 0.0       |
|          | state  | 99.7  | 0.2       | 0.0       | 0.0       | 0.0         | 0.0         | 0.0         | 0.0       |
| 8        | region | 99.8  | 0.1       | 0.0       | 0.0       | 0.0         | 0.0         | 0.0         | 0.0       |
|          | state  | 99.6  | 0.2       | 0.1       | 0.0       | 0.0         | 0.0         | 0.0         | 0.1       |
| 10       | region | 99.5  | 0.3       | 0.0       | 0.0       | 0.0         | 0.0         | 0.0         | 0.2       |
|          | state  | 99.3  | 0.3       | 0.1       | 0.1       | 0.0         | 0.1         | 0.0         | 0.1       |
| 12       | region | 99.2  | 0.1       | 0.1       | 0.1       | 0.0         | 0.0         | 0.0         | 0.4       |
|          | state  | 99.2  | 0.2       | 0.1       | 0.1       | 0.0         | 0.1         | 0.0         | 0.2       |
| Combined | region | 99.6  | 0.2       | 0.0       | 0.0       | 0.0         | 0.0         | 0.0         | 0.1       |
|          | state  | 99.5  | 0.2       | 0.1       | 0.1       | 0.0         | 0.0         | 0.0         | 0.1       |

Table 78: How wrong do you think it is for someone your age to take a gun to school.

|          |        | Very Wrong | Wrong | A Little<br>Bit Wrong | Not Wrong<br>at All |
|----------|--------|------------|-------|-----------------------|---------------------|
| 6        | region | 92.1       | 6.3   | 1.1                   | 0.6                 |
|          | state  | 92.1       | 6.1   | 1.2                   | 0.7                 |
| 8        | region | 88.0       | 9.5   | 1.9                   | 0.6                 |
|          | state  | 87.1       | 9.8   | 2.3                   | 0.8                 |
| 10       | region | 86.8       | 9.1   | 2.9                   | 1.2                 |
|          | state  | 86.9       | 9.1   | 2.9                   | 1.0                 |
| 12       | region | 87.8       | 8.5   | 2.8                   | 1.0                 |
|          | state  | 88.5       | 7.6   | 2.5                   | 1.4                 |
| Combined | region | 88.8       | 8.3   | 2.1                   | 0.8                 |
|          | state  | 88.7       | 8.2   | 2.2                   | 0.9                 |

Table 79: Have any of your brothers/sisters ever taken a gun to school.

|          |        | 0    |     |   |
|----------|--------|------|-----|---|
|          |        | No   | Yes | I don't<br>have any<br>brothers or<br>sisters |
| 6        | region | 96.1 | 0.5 | 3.4   |
|          | state  | 95.8 | 0.7 | 3.5   |
| 8        | region | 94.8 | 1.5 | 3.7   |
|          | state  | 94.6 | 1.3 | 4.0   |
| 10       | region | 94.3 | 1.1 | 4.6   |
|          | state  | 93.4 | 2.0 | 4.6   |
| 12       | region | 93.6 | 1.8 | 4.6   |
|          | state  | 92.7 | 2.2 | 5.1   |
| Combined | region | 94.8 | 1.2 | 4.1   |
|          | state  | 94.2 | 1.5 | 4.2   |
|          |        |      |     |   |

# 5 NO CHILD LEFT BEHIND PROFILE

The No Child Left Behind Profile looks specifically at student responses to the questions "How old were you when you first ...". The questions cover both first incidences of drug use (marijuana, cigarettes, alcohol, and regular use of alcohol) and first incidences of antisocial behaviors (suspension, arrest, carrying a gun, attacking someone and belonging to a gang). Possible responses to these questions range from age 10 to age 17 or the student can respond to the question with Never. The average age figures are based only on those students who responded to the question with an answer other than Never.

Table 80: Avg Age of First Marijuana

| Grade    | Group  | 2013-14 |
|----------|--------|---------|
| 6        | region | 10.8    |
|          | state  | 10.9    |
| 8        | region | 12.1    |
|          | state  | 12.2    |
| 10       | region | 13.5    |
|          | state  | 13.5    |
| 12       | region | 14.6    |
|          | state  | 14.6    |
| Combined | region | 13.7    |
|          | state  | 13.7    |

Table 81: Avg Age of First Cigarettes

| Grade    | Group  | 2013-14 |
|----------|--------|---------|
| 6        | region | 10.4    |
|          | state  | 10.4    |
| 8        | region | 11.4    |
|          | state  | 11.4    |
| 10       | region | 12.5    |
|          | state  | 12.5    |
| 12       | region | 13.6    |
|          | state  | 13.6    |
| Combined | region | 12.4    |
|          | state  | 12.4    |

Table 82: Avg Age of First Alcohol

| Group  | 2013-14  |
|--------|--|
| region | 10.4   |
| state  | 10.4   |
| region | 11.6   |
| state  | 11.6   |
| region | 13.1   |
| state  | 13.0   |
| region | 14.2   |
| state  | 14.3   |
| region | 12.8   |
| state  | 12.8   |
|        | region<br>state<br>region<br>state<br>region<br>state<br>region<br>state<br>region |

Table 83: Avg Age of First Regular Alcohol Use

| Grade    | Group  | 2013-14 |
|----------|--------|---------|
| 6        | region | 11.0    |
|          | state  | 10.8    |
| 8        | region | 12.1    |
|          | state  | 12.3    |
| 10       | region | 14.0    |
|          | state  | 13.9    |
| 12       | region | 15.3    |
|          | state  | 15.4    |
| Combined | region | 14.3    |
|          | state  | 14.2    |

Table 84: Avg Age of First School Suspension

| Grade    | Group  | 2013-14 |
|----------|--------|---------|
| 6        | region | 10.4    |
|          | state  | 10.4    |
| 8        | region | 11.5    |
|          | state  | 11.4    |
| 10       | region | 12.5    |
|          | state  | 12.2    |
| 12       | region | 13.1    |
|          | state  | 13.0    |
| Combined | region | 12.0    |
|          | state  | 11.8    |
|          |        |         |

Table 85: Avg Age of First Been Arrested

| Grade    | Group  | 2013-14 |
|----------|--------|---------|
| 6        | region | 10.7    |
|          | state  | 10.7    |
| 8        | region | 12.1    |
|          | state  | 12.1    |
| 10       | region | 13.6    |
|          | state  | 13.5    |
| 12       | region | 14.7    |
|          | state  | 14.8    |
| Combined | region | 13.4    |
|          | state  | 13.4    |

Table 86: Avg Age of First Carried a Gun

| Grade    | Group  | 2013-14 |
|----------|--------|---------|
| 6        | region | 10.6    |
|          | state  | 10.7    |
| 8        | region | 11.6    |
|          | state  | 11.6    |
| 10       | region | 12.5    |
|          | state  | 12.6    |
| 12       | region | 13.6    |
|          | state  | 13.6    |
| Combined | region | 11.9    |
|          | state  | 12.1    |

Table 87: Avg Age of First Attacked to Harm

| Grade    | Group  | 2013-14 |
|----------|--------|---------|
| 6        | region | 10.5    |
|          | state  | 10.6    |
| 8        | region | 11.7    |
|          | state  | 11.7    |
| 10       | region | 12.9    |
|          | state  | 12.6    |
| 12       | region | 13.4    |
|          | state  | 13.4    |
| Combined | region | 12.1    |
|          | state  | 12.1    |

Table 88: Avg Age of First Belonged to a Gang

| Grade    | Group  | 2013-14 |
|----------|--------|---------|
| 6        | region | 10.7    |
|          | state  | 10.8    |
| 8        | region | 11.9    |
|          | state  | 12.0    |
| 10       | region | 13.2    |
|          | state  | 12.7    |
| 12       | region | 13.3    |
|          | state  | 13.0    |
| Combined | region | 12.4    |
|          | state  | 12.2    |

# Avg. Age of First Use and Antisocial Behavior - Grade 6 Region 4

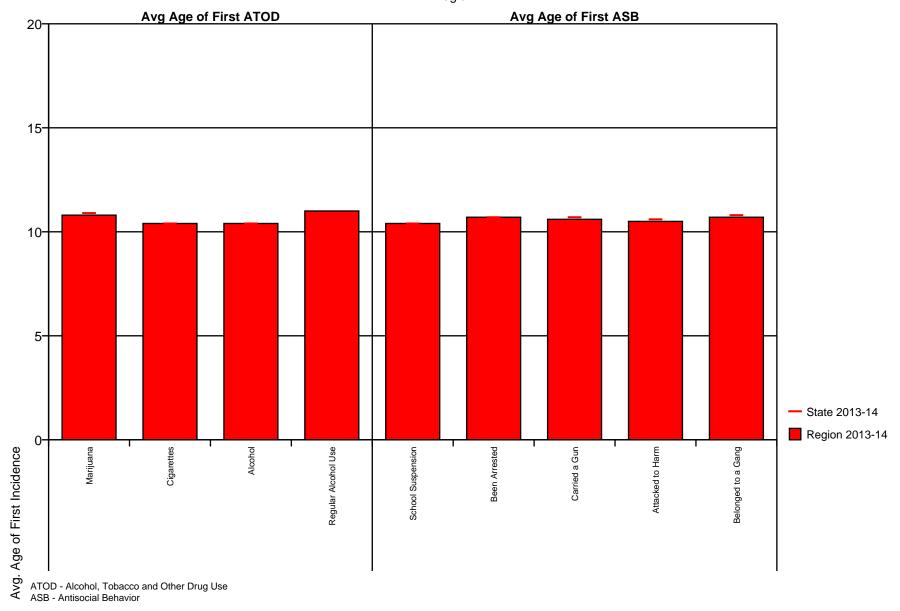


Figure 25: Avg. Age of First Use and Antisocial Behavior - Grade 6

Avg. Age of First Use and Antisocial Behavior - Grade 8 Region 4

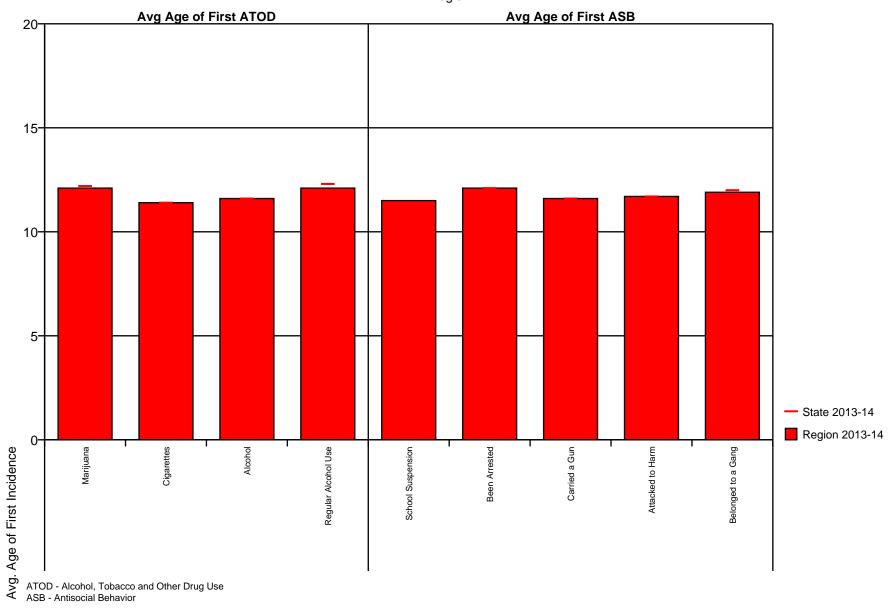


Figure 26: Avg. Age of First Use and Antisocial Behavior - Grade 8

Avg. Age of First Use and Antisocial Behavior - Grade 10 Region 4

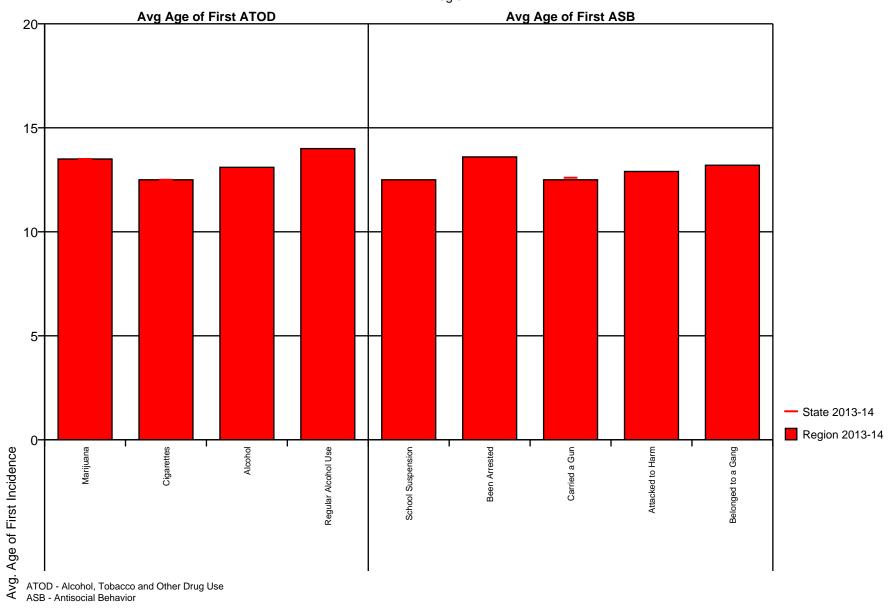


Figure 27: Avg. Age of First Use and Antisocial Behavior - Grade 10

Avg. Age of First Use and Antisocial Behavior - Grade 12 Region 4

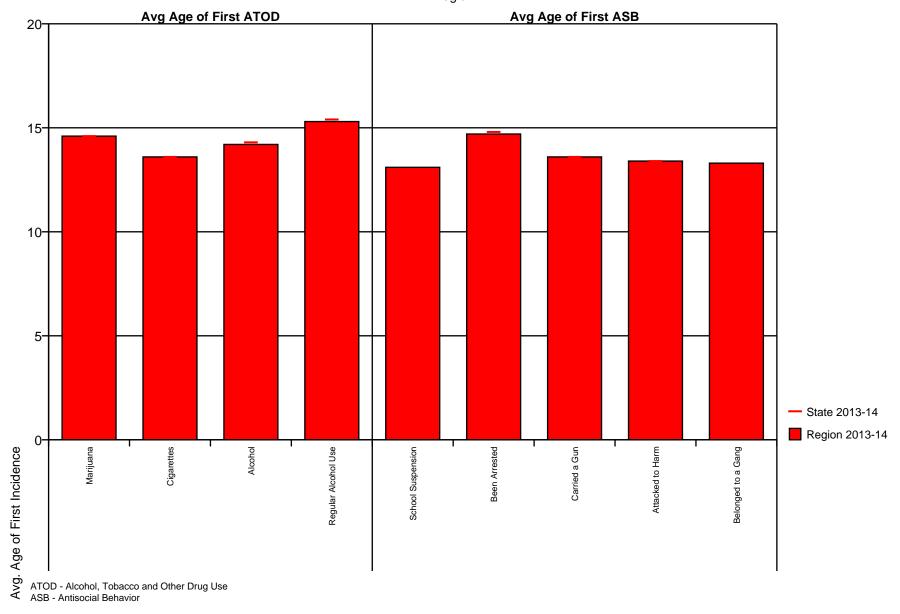


Figure 28: Avg. Age of First Use and Antisocial Behavior - Grade 12

# 6 STUDENT TOBACCO USE, EXPERIENCES AND PREVENTION SERVICES

Tobacco use is the leading preventable cause of death in the United States. The 2009 survey added four new tobacco-related questions (Q49-Q52) to the already existing items (Q45-Q48) to explore this topic.

Arkansas youth typically have higher rates of tobacco use, including both cigarettes and smokeless tobacco, than the national average. Higher tobacco prevalence rates are common across the Southeast United States. This is due to a variety of cultural and economic factors that have traditionally supported greater tobacco use. The following table shows the results of the lifetime and past 30 day use of cigarettes and chewing tobacco.

Table 89: Cigarettes - Lifetime Use

| Grade    | Group  | 2013-14 |
|----------|--------|---------|
| 6        | region | 7.4     |
|          | state  | 7.0     |
| 8        | region | 18.3    |
|          | state  | 18.0    |
| 10       | region | 31.5    |
|          | state  | 30.6    |
| 12       | region | 39.6    |
|          | state  | 39.6    |
| Combined | region | 22.6    |
|          | state  | 22.2    |

Table 90: Chewing Tobacco - Lifetime Use

| Grade    | Group  | 2013-14 |
|----------|--------|---------|
| 6        | region | 5.0     |
|          | state  | 4.7     |
| 8        | region | 11.1    |
|          | state  | 11.1    |
| 10       | region | 21.3    |
|          | state  | 18.8    |
| 12       | region | 22.5    |
|          | state  | 22.2    |
| Combined | region | 14.1    |
|          | state  | 13.3    |

Table 91: Cigarettes - Past 30 Day Use

| Grade    | Group  | 2013-14 |
|----------|--------|---------|
| 6        | region | 1.9     |
|          | state  | 1.3     |
| 8        | region | 4.7     |
|          | state  | 4.5     |
| 10       | region | 10.8    |
|          | state  | 10.9    |
| 12       | region | 18.5    |
|          | state  | 17.5    |
| Combined | region | 8.1     |
|          | state  | 7.6     |

Table 92: Chewing Tobacco - Past 30 Day Use

| Group  | 2013-14  |
|--------|--|
| region | 1.7  |
| state  | 1.3  |
| region | 3.7  |
| state  | 4.3  |
| region | 10.1   |
| state  | 8.4  |
| region | 9.5  |
| state  | 10.4   |
| region | 5.9  |
| state  | 5.6  |
|        | region<br>state<br>region<br>state<br>region<br>state<br>region<br>state<br>region |

The new tobacco-related items, Q49-Q50, explore rules regarding smoking at the student's home, and Q51-Q52 assess the availability of tobacco prevention programming within school settings. The following tables show the results for these four items.

Table 93: Which statement best describes rules about smoking inside your home?

|          |        | Smoking is<br>not allowed<br>anywhere<br>inside your<br>home | Smoking is<br>allowed in<br>some places<br>and at some<br>times | Smoking is<br>allowed<br>anywhere<br>inside the<br>home | There are no rules about smoking inside the home | l don't<br>know |
|----------|--------|--|---|---|--|-----------------|
| 6        | region | 70.3   | 7.4   | 2.3   | 4.5  | 15.5            |
|          | state  | 70.2   | 7.6   | 2.3   | 3.7  | 16.1            |
| 8        | region | 69.2   | 6.8   | 3.0   | 6.6  | 14.4            |
|          | state  | 70.2   | 7.0   | 2.7   | 6.2  | 14.0            |
| 10       | region | 71.1   | 6.8   | 3.7   | 8.7  | 9.7             |
|          | state  | 71.4   | 6.5   | 3.4   | 7.6  | 11.0            |
| 12       | region | 75.8   | 5.9   | 3.7   | 6.3  | 8.2             |
|          | state  | 74.0   | 6.0   | 3.7   | 7.6  | 8.7             |
| Combined | region | 71.3   | 6.8   | 3.1   | 6.5  | 12.3            |
|          | state  | 71.2   | 6.9   | 3.0   | 6.2  | 12.8            |

Table 94: Which statement best describes rules about smoking in your family cars?

|          |        | Smoking is<br>never<br>allowed in<br>any car | Smoking is<br>allowed<br>sometimes<br>or in some<br>cars | Smoking is<br>allowed in<br>any car<br>anytime | There are<br>no rules<br>about<br>smoking in<br>the car | We do not<br>have a<br>family car | I don't<br>know |
|----------|--------|--|--|--|---|-----------------------------------|-----------------|
| 6        | region | 65.3   | 13.3   | 3.0  | 4.6   | 0.9                               | 12.9            |
|          | state  | 65.9   | 11.9   | 2.9  | 4.4   | 1.0                               | 14.0            |
| 8        | region | 61.5   | 12.1   | 4.0  | 7.2   | 0.9                               | 14.3            |
|          | state  | 62.4   | 11.8   | 4.0  | 7.6   | 1.0                               | 13.2            |
| 10       | region | 63.8   | 11.4   | 4.9  | 10.0  | 1.0                               | 8.9             |
|          | state  | 61.9   | 12.1   | 5.2  | 9.0   | 1.0                               | 10.8            |
| 12       | region | 67.0   | 11.2   | 4.4  | 7.7   | 1.3                               | 8.5             |
|          | state  | 63.8   | 12.3   | 5.0  | 8.6   | 1.6                               | 8.6             |
| Combined | region | 64.2   | 12.1   | 4.0  | 7.3   | 1.0                               | 11.4            |
|          | state  | 63.5   | 12.0   | 4.2  | 7.3   | 1.1                               | 12.0            |

Table 95: During this school year, were you taught in any of your classes about the dangers of tobacco use?

|          |        | Strongly |       |          | Strongly | I don't |
|----------|--------|----------|-------|----------|----------|---------|
|          |        | agree    | Agree | Disagree | disagree | know    |
| 6        | region | 40.7     | 29.9  | 5.3      | 4.8      | 19.2    |
|          | state  | 47.1     | 26.0  | 5.2      | 4.9      | 16.8    |
| 8        | region | 30.6     | 33.3  | 8.7      | 7.2      | 20.2    |
|          | state  | 31.6     | 32.9  | 10.2     | 8.4      | 16.9    |
| 10       | region | 16.2     | 31.4  | 15.1     | 17.8     | 19.5    |
|          | state  | 18.0     | 30.2  | 15.8     | 17.0     | 19.0    |
| 12       | region | 12.4     | 26.0  | 18.4     | 24.5     | 18.7    |
|          | state  | 13.7     | 26.1  | 17.4     | 24.8     | 18.0    |
| Combined | region | 26.2     | 30.5  | 11.2     | 12.5     | 19.5    |
|          | state  | 29.0     | 29.1  | 11.6     | 12.7     | 17.6    |

Table 96: During the past 12 months, have you participated in any community activities to discourage people your age from using cigarettes, chewing tobacco, snuff, dip or cigars?

|          |        | Strongly agree | Agree | Disagree | Strongly<br>disagree | l don't<br>know |
|----------|--------|----------------|-------|----------|----------------------|-----------------|
| 6        | region | 18.4           | 18.1  | 12.4     | 18.6                 | 32.5            |
|          | state  | 22.7           | 16.4  | 12.3     | 17.9                 | 30.7            |
| 8        | region | 13.9           | 17.7  | 16.6     | 21.0                 | 30.8            |
|          | state  | 14.6           | 17.6  | 18.3     | 23.2                 | 26.3            |
| 10       | region | 8.6            | 14.6  | 21.2     | 31.5                 | 24.1            |
|          | state  | 10.2           | 14.8  | 21.4     | 30.8                 | 22.8            |
| 12       | region | 8.4            | 13.8  | 20.2     | 37.9                 | 19.7            |
|          | state  | 9.6            | 13.3  | 20.8     | 37.3                 | 19.0            |
| Combined | region | 12.7           | 16.3  | 17.3     | 26.3                 | 27.4            |
|          | state  | 14.7           | 15.8  | 18.0     | 26.4                 | 25.2            |

# 7 DRUG-FREE COMMUNITIES SUPPORT PRO-GRAM CORE MEASURES

The Drug-Free Communities Support Program, administered by the Center for Substance Abuse Prevention, requests specific data which is typically referred to as the Core Measures. The drug categories measured are cigarettes/tobacco, alcohol, marijuana and prescription drugs and the table is broken down by grade level. For each drug, and at each grade level, the percentage of students who responded positively to the question and the number of students who responded to the question are reported.

- Past 30-Day Use The question *On how many occasions (if any) have you ... in the past 30 days?* is used to measure this statistic by reporting the percentage of students who report any use in the past 30 days.
- **Perception of Risk** The question *How much do you think people risk harming themselves (physically or in other ways) if they ...?* is used to measure this statistic by reporting the percentage of students who report that using the drug is a *Moderate Risk* or a *Great Risk* to their health.
- **Perception of Parental Disapproval** The question *How wrong do your parents feel it would be for you to ...?* is used to measure this statistic by reporting the percentage of students who report that parents would feel it is *Wrong* or *Very Wrong* to use tobacco, alcohol and marijuana.
- **Perception of Friends Disapproval** The question *How wrong do your friends feel it would be for you to ...?* is used to measure this statistic by reporting the percentage of students who report that friends would feel it is *Wrong* or *Very Wrong* to use tobacco, alcohol and marijuana.

Table 97: Core Measure by Grade for Past 30 Day Use

|          | Cigarettes |      | Alcohol |      | Marijuana |      | Presc Drugs |      |
|----------|------------|------|---------|------|-----------|------|-------------|------|
| Grade    | pct        | n    | pct     | n    | pct       | n    | pct         | n    |
| Grade 6  | 1.9        | 2141 | 1.7     | 2100 | 0.3       | 2104 | 0.8         | 2086 |
| Grade 8  | 4.7        | 2091 | 6.2     | 2061 | 3.7       | 2057 | 1.2         | 2042 |
| Grade 10 | 10.8       | 1956 | 18.6    | 1936 | 11.8      | 1931 | 4.8         | 1931 |
| Grade 12 | 18.5       | 1421 | 29.4    | 1389 | 18.0      | 1387 | 6.3         | 1393 |
| Combined | 8.1        | 7609 | 12.4    | 7486 | 7.5       | 7479 | 3.0         | 7452 |

Table 98: Core Measure by Grade for Perception of Risk

|          | Cigarettes |      | Alcohol |      | Marijuana |      | Presc Drugs |      |
|----------|------------|------|---------|------|-----------|------|-------------|------|
| Grade    | pct        | n    | pct     | n    | pct       | n    | pct         | n    |
| Grade 6  | 80.1       | 2116 | 73.2    | 2107 | 67.4      | 2093 | 85.3        | 2102 |
| Grade 8  | 86.0       | 2094 | 72.3    | 2084 | 60.0      | 2081 | 88.1        | 2085 |
| Grade 10 | 87.5       | 1951 | 69.1    | 1947 | 41.7      | 1944 | 88.6        | 1945 |
| Grade 12 | 86.4       | 1420 | 64.6    | 1419 | 33.8      | 1419 | 88.7        | 1418 |
| Combined | 84.8       | 7581 | 70.3    | 7557 | 52.4      | 7537 | 87.6        | 7550 |

Table 99: Core Measure by Grade for Parental Disapproval

|          | Tobacco |      | Alcohol |      | Marijuana |      | Presc Drugs |      |
|----------|---------|------|---------|------|-----------|------|-------------|------|
| Grade    | pct     | n    | pct     | n    | pct       | n    | pct         | n    |
| Grade 6  | 99.1    | 2002 | 98.0    | 2008 | 99.4      | 1992 | 99.1        | 1996 |
| Grade 8  | 97.1    | 1969 | 95.7    | 1972 | 97.2      | 1969 | 98.1        | 1973 |
| Grade 10 | 93.4    | 1869 | 90.6    | 1872 | 91.9      | 1870 | 96.4        | 1869 |
| Grade 12 | 88.0    | 1352 | 89.0    | 1349 | 88.6      | 1347 | 96.1        | 1351 |
| Combined | 95.0    | 7192 | 93.8    | 7201 | 94.8      | 7178 | 97.6        | 7189 |

Table 100: Core Measure by Grade for Friends Disapproval

|          | Tobacco |      | Alcohol |      | Marijuana |      | Presc Drugs |      |
|----------|---------|------|---------|------|-----------|------|-------------|------|
| Grade    | pct     | n    | pct     | n    | pct       | n    | pct         | n    |
| Grade 6  | 96.0    | 2044 | 93.9    | 2048 | 97.1      | 2043 | 97.2        | 2046 |
| Grade 8  | 87.0    | 2015 | 82.8    | 2015 | 85.4      | 2013 | 92.2        | 2011 |
| Grade 10 | 72.8    | 1898 | 64.8    | 1901 | 68.0      | 1902 | 84.2        | 1899 |
| Grade 12 | 66.0    | 1369 | 61.6    | 1371 | 59.7      | 1366 | 83.5        | 1367 |
| Combined | 81.9    | 7326 | 77.3    | 7335 | 79.4      | 7324 | 89.9        | 7323 |

Table 101: Core Measure by Sex for Past 30 Day Use

|          | Cigarettes |      | Alcohol |      | Marijuana |      | Presc Drugs |      |
|----------|------------|------|---------|------|-----------|------|-------------|------|
| Sex      | pct        | n    | pct     | n    | pct       | n    | pct         | n    |
| Male     | 8.4        | 3673 | 12.4    | 3602 | 7.9       | 3602 | 3.1         | 3590 |
| Female   | 7.7        | 3913 | 12.5    | 3861 | 7.1       | 3854 | 2.8         | 3839 |
| Combined | 8.1        | 7586 | 12.5    | 7463 | 7.5       | 7456 | 2.9         | 7429 |

Table 102: Core Measure by Sex for Perception of Risk

|          | Cigarettes |      | Alcohol |      | Marijuana |      | Presc Drugs |      |
|----------|------------|------|---------|------|-----------|------|-------------|------|
| Sex      | pct        | n    | pct     | n    | pct       | n    | pct         | n    |
| Male     | 84.0       | 3664 | 66.5    | 3649 | 50.8      | 3645 | 86.5        | 3651 |
| Female   | 85.6       | 3895 | 73.8    | 3885 | 53.8      | 3869 | 88.6        | 3876 |
| Combined | 84.8       | 7559 | 70.3    | 7534 | 52.4      | 7514 | 87.6        | 7527 |

Table 103: Core Measure by Sex for Parental Disapproval

|          | Tobacco |      | Alcohol |      | Marijuana |      | Presc Drugs |      |
|----------|---------|------|---------|------|-----------|------|-------------|------|
| Sex      | pct     | n    | pct     | n    | pct       | n    | pct         | n    |
| Male     | 94.7    | 3451 | 93.6    | 3451 | 95.1      | 3441 | 98.0        | 3452 |
| Female   | 95.3    | 3720 | 93.9    | 3728 | 94.6      | 3715 | 97.2        | 3717 |
| Combined | 95.0    | 7171 | 93.8    | 7179 | 94.9      | 7156 | 97.6        | 7169 |

Table 104: Core Measure by Sex for Friends Disapproval

|          | Tobacco |      | Alcohol |      | Marijuana |      | Presc Drugs |      |
|----------|---------|------|---------|------|-----------|------|-------------|------|
| Sex      | pct     | n    | pct     | n    | pct       | n    | pct         | n    |
| Male     | 79.1    | 3511 | 74.2    | 3517 | 77.2      | 3514 | 89.0        | 3509 |
| Female   | 84.6    | 3792 | 80.1    | 3795 | 81.4      | 3788 | 90.8        | 3791 |
| Combined | 81.9    | 7303 | 77.3    | 7312 | 79.4      | 7302 | 89.9        | 7300 |

# 8 PREVENTION RESOURCES

# 8.1 Regional Prevention Providers (RPP)

#### Region 1

#### Operated by Alternative Opportunities-Decision Point, Inc.

(Counties: Benton, Carroll, Madison, Washington)

Ms. Laurie Reh, Representative

614 East Emma Avenue, Suite M426

Springdale, AR 72764 (479) 927-2655 Fax: (479) 927-2752

E-MAIL: Ireh@decision-point.org

#### Region 2

### Operated by Health Resources of Arkansas

(Counties: Izard, Newton, Searcy, Stone, Van Buren)

Ms. Margaret Morrison, Representative

Mailing Address Physical Address

P O Box 492 106 Mountain Place Sq.
Mountain View, AR 72560 Mountain View, AR 72560

(870) 269-6770 Fax: (870) 269-2196 E-MAIL: m2prc@mvtel.net

(Counties: Cleburne, Independence, Jackson, White, Woodruff)

\*\*\*VACANT\*\*\*

Mailing AddressPhysical AddressP O Box 81793402 East Race StreetSearcy, AR 72145Searcy, AR 72145

(870) 613-0345 Fax: (501) 278-5265

EMAIL:

(Counties: Baxter, Boone, Fulton, Marion, Sharp)

\*\*\*VACANT\*\*\*

Mailing AddressPhysical AddressP O Box 26988 Medical Plaza

Mountain Home, AR 72654 Mountain Home, AR 72654

(866) 308-9923 ext. 1913 Fax: (870) 424-0903

EMAIL:

#### Region 3

# Operated by Crowley's Ridge Development Council

(Counties: Clay, Craighead, Lawrence, Mississippi, Randolph)

Ms. Dorothy "Dot" Newsom, Representative

Mailing Address
P O Box 16720

Jonesboro, AR 72403

Physical Address
2401 Fox Meadow Lane
Jonesboro, AR 72404

(870) 933-0033

Fax: (870) 933-0048 ext. 148 EMAIL: dnewsom@crdcnea.com

(Counties: Crittenden, Cross, Greene, Poinsett)

Ms. Sandy "Sandy" Rogers, Representative

Mailing Address
P O Box 16720

Jonesboro, AR 72403

Physical Address
2401 Fox Meadow Lane

Jonesboro, AR 72404

EMAIL: srogers@crdcnea.com

(Counties: Lee, Monroe, Phillips, St. Francis)

Mr. Kendon Gray, Representative

593 Highway 243 Marianna Civic Center Marianna, AR 72360 (870) 298-2250 Fax: (870) 298-2249

EMAIL: kendongray@yahoo.com

#### Region 4

### Operated by Harbor House, Inc.

(Counties: Crawford, Franklin, Logan, Polk, Scott, Sebastian)

Ms. Emily Starr, Representative

Patricia "Patty" Jones

Mailing Address
P O Box 4207

Fort Smith. AR 72914

Physical Address
3900 Armour Avenue
Fort Smith. AR 72904

(479) 783-8849 ext. 204 (Emily) (479) 783-8849 ext. 112 (Patricia)

Fax: (479) 783-1914

EMAIL: estarr@recoveryhhi.org EMAIL: pjones@recoveryhhi.org

#### Region 5

#### Operated by Community Service, Inc.

(Counties: Conway, Faulkner, Perry) Ms. Janet Cook, Representative

Mailing AddressPhysical AddressPO Box 679100 South CherokeeMorrilton, AR 72110Morrilton, AR 72210

(501) 354-4589 Fax: (501) 354-5410

E-MAIL: jcook@communityserviceinc.com

(Counties: Clark, Garland, Hot Springs, Montgomery, Pike)

Darla Kelsay, Representative Tonna Butzlaff, Representative 1401 Malvern Avenue, Suite 200C Hot Springs, AR 71901 (Rix Building)

(501) 624-5636

EMAIL: dkelsay@communityserviceinc.com EMAIL: tbutzlaff@communityservicesinc.com

(Counties: Johnson, Pope, Yell)
Nathaniel Alexander, Representative

818 N. Creek Drive Conway, AR 72032 (501) 327-9788

EMAIL: nalexander@communityservicesinc.com

#### Region 6

### Operated by Phoenix Youth and Family Service

(Counties: Ashley, Bradley, Chicot, Desha, Drew)

Ms. Christie Lindsey, Representative

Mailing AddressPhysical AddressP O Box 654310 North Alabama St.Crossett, AR 71635Crossett, AR 71635

(870) 364-1676 Fax: (870) 364-1779

E-MAIL: clindsey@phoenixyouth.com

(Counties: Arkansas, Cleveland, Grant, Jefferson, Lincoln)

Mr. Hank Wilkins, V, Representative

717 West 2nd Avenue Pine Bluff, AR 71601 (870) 835-0038 Fax: (870) 536-6327

E-MAIL: hwilkins@phoenixyouth.com

#### Region 7

### Operated by University of Arkansas for Medical Sciences

(Counties: Calhoun, Columbia, Dallas, Union)
\*\*\*VACANT\*\*\*
1617 North Washington
Magnolia, AR 71753

(870) 562-2563 Fax: (870) 562-2568

EMAIL:

(Counties: Hempstead, Lafayette, Nevada, Ouachita)

Tia Blakely, Representative

736 Martin Street Prescott, AR 71857 (870) 887-3123 ext. 6006 EMAIL: TNBlakely@uams.edu

(Counties: Howard, Little River, Miller, Sevier)

Pam Culver, Representative

UAMS South 300 East 6th Street Texarkana, AR 71854 (870) 773-6272 Fax: (870) 773-6460

EMAIL: pjculver@uams.edu

#### Region 8

# Operated by Family Service Agency, Inc.

(Counties: Lonoke, Prairie, Pulaski, Saline)

 ${\sf Hayse\ Miller},\ {\sf Representative}$ 

628 West Broadway Street, Ste 300 North Little Rock, AR 72114 (501) 372-4242 ext. 752 & 753

Fax: (501) 372-4758

EMAIL: hmiller@fsainc.org

# 8.2 State and National Contacts

# Arkansas Department of Human Services Division of Behavioral Health Services Prevention Services

Mailing AddressPhysical Address305 South Palm St4800 W. 7th StreetLittle Rock, AR 72205Little Rock, AR 72205

Telephone: (501) 686-9105 FAX: (501) 686-9396

Website: http://www.arkansas.gov/dhhs/dmhs

Ms. Sharron Mims DHS Program Manager

EMAIL: sharron.mims@dhs.arkansas.gov

Arkansas Department of Education
Federal Programs Liaison
Safe and Drug-Free Schools Program Officer
Learning Services/School Improvement

#4 Capitol Mall Room 304B Little Rock, AR 72201

Telephone: (501) 683-5425 FAX: (501) 683-5409

Website: http://www.arkansased.org

Ms. Otistene Smith Federal Program Liaison

Safe and Drug-Free Schools Program Officer E-MAIL: otistene.smith@arkansas.gov

# International Survey Associates dba Pride Surveys

Janie Pitcock 160 Vanderbilt Court Bowling Green, KY 42103 Telephone: (800) 279-6361 FAX: (270) 746-9598

Website: http://www.pridesurveys.com

## Southwest Center for the Application of Prevention Technology

Website: http://captus.samhsa.gov/southwest

### Southwest Prevention Center/ The University of Oklahoma

Website: http://swpc.ou.edu/

# Substance Abuse and Mental Health Services Administration (SAMHSA)

Website: http://www.samhsa.gov

Electronic copies of reports can be found at

http://www.state.ar.us/dhs/dmhs/adap\_survey.htm.

Some reports require passwords.