

2011 APNA

Arkansas Prevention Needs Assessment Student Survey



Arkansas State Report

Arkansas Department of Human Services
Division of Behavioral Health Services

Conducted by International Survey Associates dba Pride Surveys

This page intentionally left blank.

Arkansas Prevention Needs Assessment (APNA) Student Survey

State Report 2011

**Sponsored by:
Division of Behavioral Health Services
Arkansas Department of Human Services**

**Conducted by:
International Survey Associates, dba Pride Surveys**

This page intentionally left blank.

Table of Contents

Acknowledgments	xii
Executive Summary	xiv
Section 1: Introduction	1
1.1 Overview of the 2011 APNA Report	1
1.2 The APNA Survey Form	1
1.2.1 Development of the APNA Survey Form	1
1.2.2 Content and Focus of the APNA Survey Form	2
1.3 Administration Procedures	4
1.3.1 Description of APNA Administration Procedures	4
1.3.2 Description of Survey Scanning and Scoring Procedures	5
1.4 Creation of the 2011 APNA Survey Database	5
1.4.1 Survey Distribution and Processing	5
1.4.2 Assessment of the Validity of the Individual Survey Protocols	6
1.4.3 Survey Participants by County and Region	6
1.5 Student Demographics	7
Section 2: Risk and Protective Factors	10
2.1 The Risk and Protective Factor Model	10
2.1.1 Community Domain Risk and Protective Factors	12
2.1.2 Family Domain Risk and Protective Factors	17
2.1.3 School Domain Risk and Protective Factors	21
2.1.4 Peer-Individual Domain Risk and Protective Factors	25
2.2 Risk and Protective Factor Results for Arkansas Students	31
2.2.1 Overview of Findings from the 2011 APNA	31
Section 3: Substance Use Outcomes	32
3.1 Introduction to the Measurement of Substance Use Outcomes	32
3.1.1 Substances and Prevalence Periods That Are Measured in the APNA Survey	32
3.1.2 Comparison Groups	32



3.2	Age of Initiation.....	33
3.3	Lifetime ATOD Use.....	35
3.3.1	Arkansas Results Compared to National Results.....	35
3.3.2	2011 Results Compared to Previous Years' Results.....	35
3.3.3	Substance Use by Gender.....	38
3.4	Past 30-Day ATOD.....	38
3.4.1	Arkansas Students' Substance Use Compared to National Results.....	38
3.4.2	Arkansas Students' 30-Day Substance Use in 2011 Compared to Previous Years.....	42
3.4.3	Past 30-Day Use by Gender.....	42
3.5	Special Topics in Substance Use.....	48
3.5.1	Heavy Alcohol, Cigarette, and Marijuana Use.....	48
3.5.2	Simultaneous Use of Multiple Substances.....	51
3.5.3	Sources of Alcohol and Location of Alcohol Use.....	52
3.5.4	Perceived Harmfulness.....	57
3.5.5	Intention to Use.....	61
3.5.6	Academic Performance and Substance Use.....	63
3.5.7	Depressive Symptoms and Substance Use.....	65
	Section 4: Behavioral Outcomes Other Than Substance Use.....	67
4.1	Introduction to the Measurement of Antisocial Behavior.....	67
4.1	Introduction to the Measurement of Antisocial Behavior.....	71
4.2	Antisocial Behavior During the Past Year.....	71
4.2.1	School Suspension.....	71
4.2.2	Carrying a Handgun/Taking a Handgun to School.....	71
4.2.3	Selling Illegal Drugs.....	72
4.2.4	Vehicle Theft.....	72
4.2.5	Arrest.....	72
4.2.6	Attacking Someone With the Intention of Seriously Hurting Them.....	72
4.2.7	Gang Involvement.....	73
4.3	Age of Initiation of Antisocial Behavior.....	73
4.3.1	School Suspension.....	73
4.3.2	Arrest.....	73



4.3.3 Carrying a Handgun	73
4.3.4 Attacking Someone with the Intent of Seriously Hurting Them.....	73
4.3.5 Age of Initiation for Gang Involvement.....	73

Appendices

Appendix A: Arkansas Prevention Needs Assessment 2011 Student Survey	77
Appendix B: Sample Profile Report.....	86
Appendix C: Lifetime and 30-Day ATOD Use For Participating Regions and Counties	152

Appendices Available Online (http://www.arkansas.gov/dhs/dmhs/adap_survey.htm)

Appendix D. Item Dictionary for 2011 APNA Survey

Appendix E. Risk and Protective Factors and Associated Survey Scales

Appendix F. Arkansas Prevention Needs Assessment Survey Item-Level Results

Appendix G. Selected Charts for Males Compared to Females

List of Tables

Executive Summary	xiv
Table ES-1 Total Number and Percentage of Survey Respondents by Grade and Demographic Characteristics	xiv
Table ES-2 Percentage of APNA Respondents (Grades 6, 8, 10, and 12 combined) who Engaged in Heavy Substance Use	xix
Table ES-3 Percentage Using Multiple Drugs in the Past 30 Days (2011)	xx
Section 1: Introduction	1
Table 1-1 Number of Students Surveyed	5
Table 1-2 Total Number and Percentage of Survey Respondents by Grade and Participating Region	7
Table 1-3 Total Number and Percentage of Survey Respondents by Grade and Demographic Characteristics	8
Section 2: Risk and Protective Factors	10
Table 2-1 Community Domain Risk and Protective Factors	12
Table 2-2 Community Domain Risk and Protective Factor Scores	14
Table 2-3 Family Domain Risk and Protective Factors	17
Table 2-4 Family Domain Risk and Protective Factor Scores	18
Table 2-5 School Domain Risk and Protective Factors	21
Table 2-6 School Domain Risk and Protective Factors Score	22
Table 2-7 Peer-Individual Domain Risk and Protective Factors	25
Table 2-8 Peer-Individual Domain Risk and Protective Factors Scores	28
Section 3: Substance Use Outcomes	32
Table 3-1 Substances and Prevalence Period Measured	32
Table 3-2 Age of Initiation	33
Table 3-3 Difference in lifetime prevalence rates on directly comparable measures between Arkansas students and MTF 2011 findings	35
Table 3-4 Percentage of Arkansas Respondents Who Used ATODs During Their Lifetime by Grade	37
Table 3-5 Difference in past 30-day prevalence rates: Arkansas students vs MTF 2011 respondents	38
Table 3-6 Percentage of Males by Grade Who Used ATODs During Their Lifetime	40
Table 3-7 Percentage of Females by Grade Who Used ATODs During Their Lifetime	41
Table 3-8 Percentage of Arkansas Respondents Who Used ATODs During The Past 30 Days by Grade	43
Table 3-9 Percentage of Males by Grade Who Used ATODs During The Past 30 Days	45
Table 3-10 Percentage of Females by Grade Who Used ATODs During The Past 30 Days	46
Table 3-11 Percentage of APNA Respondents (Grades 6, 8, 10, and 12 combined) who Engaged in Heavy Substance Use	49

Table 3-12 Percentage of Males who Engaged in Heavy Substance Use	49
Table 3-13 Percentage of Females who Engaged in Heavy Substance Use	49
Table 3-14 Percentage Using Multiple Drugs in the Past 30 Days	51
Table 3-15 Students Indicating Usual Source of Obtaining Alcohol	53
Table 3-16 Students Indicating Where They Usually Consomed Alcohol	53
Table 3-17 Percentage of Arkansas and Monitoring the Future Respondents Who Perceive that Using the Five Categories of Substances Places People at “Great Risk”	57
Table 3-18 Percentage of Youth with Intention to Use ATODs	61
Table 3-19 Percentage Using ATODs by Academic Performance	63
Table 3-20 Percentage Using ATODs and Level of Depressive Symptoms	65

Section 4: Behavioral Outcomes Other Than Substance Use..... 67

Table 4-1 Percentage of APNA Respondents (Grades 6, 8, 10, and 12 combined) who Engaged in Antisocial Behavior in the Past Year	67
Table 4-2 Percentage of Males who Engaged in Antisocial Behavior in the Past Year	68
Table 4-3 Percentage of Females who Engaged in Antisocial Behavior in the Past Year	68
Table 4-4 Age of Initiation of Antisocial Behavior	74

List of Figures

Executive Summary	xiv
Figure ES-1 Number of Surveys by Year	xv
Figure ES-2 Average Age of First Substance User	xvi
Figure ES-3 Lifetime ATOD Use: Arkansas (2006 thru 2011) Compared to National (2011)	xvii
Figure ES-4 Lifetime ATOD Use: Arkansas (2006 thru 2011) Compared to National (2011)	xviii
Figure ES-5 Antisocial Behaviors	xxi
Figure ES-6 Risk Factors	xxiii
Figure ES-7 Antisocial Behaviors	xxiv
Section 1: Introduction	1
Figure 1-1 Ethnicity	9
Figure 1-2 Gender	9
Figure 1-3 Family Structure	9
Section 2: Risk and Protective Factors	10
Figure 2-1 Risk Factors: Community Domain (2011)	15
Figure 2-2 Protective Factors: Community Domain (2011)	16
Figure 2-3 Risk Factors: Family Domain (2011)	19
Figure 2-4 Protective Factors: Family Domain (2011)	20
Figure 2-5 Risk Factors: School Domain (2011)	23
Figure 2-6 Protective Factors: School Domain (2011)	24
Figure 2-7 Risk Factors: Peer/Individual Domain (2011)	29
Figure 2-8 Protective Factors: Peer/Individual Domain (2011)	30
Section 3: Substance Use Outcomes	32
Figure 3-1 Average Age of First Substance Use	34
Figure 3-2 Lifetime ATOD Use: Arkansas (2006-2011) Compared to National (2011)	36
Figure 3-3 Lifetime ATOD Use By Gender	39
Figure 3-4 30-Day ATOD Use	44
Figure 3-5 30-Day ATOD Use by Gender	47
Figure 3-6 Heavy Substance Use	50
Figure 3-7 Students' Sources of Obtaining Alcohol (2011)	54



Figure 3-8 Usual Place of Student Alcohol Use (2011)	55
Figure 3-9 Been Drunk or High at School	56
Figure 3-10 Perceived Harmfulness of Using Cigarettes	58
Figure 3-11 Perceived Harmfulness of Using Marijuana	59
Figure 3-12 Perceived Harmfulness of Using Alcohol	60
Figure 3-13 Intention to Use ATODs	62
Figure 3-14 Percentage Using ATODs by Academic Performance (2011)	64
Figure 3-15 Percentage Using ATODs and Level of Depressive Symptoms (2011)	66
Section 4: Behavioral Outcomes Other Than Substance Use	67
Figure 4-1 Antisocial Behaviors	69
Figure 4-2 Antisocial Behaviors - continued	70
Figure 4-3 Average Age of First Incidence of Antisocial Behavior	75

Acknowledgments

The 2011 Arkansas Prevention Needs Assessment (APNA) was coordinated by the Division of Behavioral Health Services, Arkansas Department of Human Services, working with International Survey Associates, dba Pride Surveys. The APNA Project was developed with federal funds from the Substance Abuse Prevention and Treatment Block Grant, Substance Abuse and Mental Health Services Administration, and the United States Department of Health and Human Services.

In addition, we wish to acknowledge the significant contributions of our previous contractor, the Southwest Prevention Center at the University of Oklahoma and its sub-contractor, Bach-Harrison.

We would like to extend our sincere appreciation to the 627 schools in the 221 Arkansas School Districts that participated in administering this survey. A special “thank you” to the students who completed the survey and their parents who supported their endeavors.

It took many individuals working together to make this effort a success, but it would be remiss for us not to give special recognition to the staff of Department of Human Services - Division of Behavioral Health Services (DHS-DBHS) Regional Prevention Resource Centers for the support and effort they contributed to the project. Appreciation is also extended to the community anti-drug coalitions who helped to increase school participation in the survey.

The 2011 survey results represent the tenth annual survey since 2002; however, due to space limitations, many of the graphic images display only the past six years of data. We hope schools and communities find the tenth year’s data useful for their planning purposes. We invite ALL public schools in Arkansas to participate in the upcoming year’s survey. If interested, please contact DHS-DBHS at (501) 686-9030 or your Regional Prevention Resource Center.

This page intentionally left blank.

Executive Summary

This report provides findings for the 2011 Arkansas Prevention Needs Assessment (APNA) Survey. The APNA, conducted annually since 2002, is administered to Arkansas' youth in grades 6, 8, 10, and 12. In November 2011, 100,371 students were surveyed, which resulted in a total of 90,468 Arkansas students, in 221 school districts, providing valid survey data (Table ES-1, Figure ES-1). Since 2002, the APNA has provided Arkansas policy makers and prevention workers with one of the primary tools for understanding Arkansas' prevention needs in the area of alcohol, tobacco, and other drugs, antisocial behavior and delinquency, school dropout and violence. The Division of Behavioral Health Services, Arkansas Department of Human Services, the sponsor of this survey, is grateful for the cooperation and support of Arkansas' students, school administrators, and teachers, in making this survey a success.

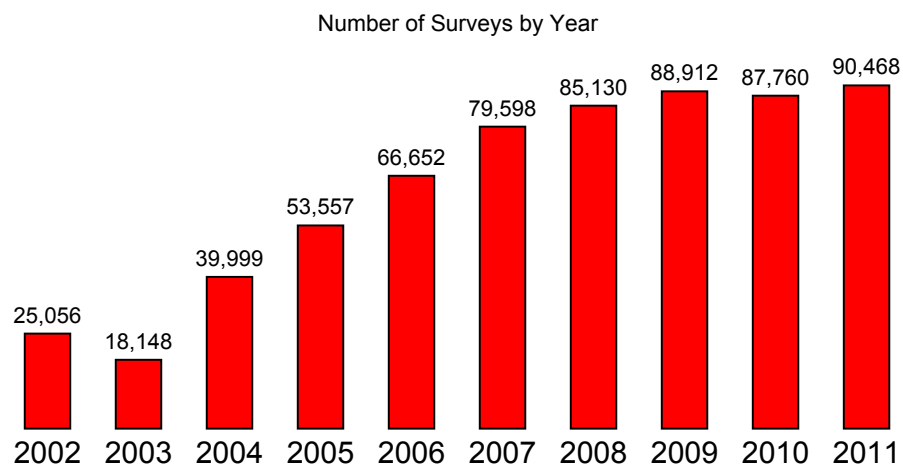
The APNA survey measures the current student use of alcohol, tobacco, and other drugs (ATOD). The substances include: 1) alcohol, 2) cigarettes, 3) smokeless tobacco, 4) marijuana, 5) hallucinogens, 6) cocaine, 7) inhalants, 8) stimulants, 9) sedatives, 10) methamphetamines, 11) ecstasy, and 12) heroin. Students' use of these drugs are compared with national data, as well as between different Arkansas regions. The APNA also measures student involvement in a broad range of antisocial behaviors including assault and gang involvement. Finally, the APNA measures the prevalence of 19 risk and 13 protective factors in students' lives.

Table ES-1

Total Number and Percentage of Survey Respondents by Grade and Demographic Characteristics																				
	Grade 6		Grade 8		Grade 10		Grade 12		2011 Total		2010 Total		2009 Total		2008 Total		2007 Total		2006 Total	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%
Total Sample	25,980	28.7	25,464	28.1	21,957	24.3	17,067	18.9	90,468	100.0	87,760	100.0	88,912	100.0	85,130	100.0	79,598	100.0	66,113	100.0
Gender																				
Male	12,812	49.8	12,355	49.0	10,225	47.0	8,036	47.5	43,428	48.5	42,253	48.7	42,276	48.3	40,590	48.5	37,614	47.9	31,255	48.3
Female	12,924	50.2	12,857	51.0	11,525	53.0	8,889	52.5	46,195	51.5	44,591	51.3	45,185	51.7	43,061	51.5	40,835	52.1	33,507	51.7
Race/Ethnicity																				
White	16,883	54.9	17,227	58.0	15,232	59.8	12,015	62.3	61,357	58.3	60,031	59.2	59,377	58.6	57,673	60.7	54,915	61.3	47,346	63.6
Native American	5,212	5.1	5,228	5.1	5,239	5.2	5,204	5.1	5,394	5.1	5,049	5.0	4,693	4.6	4,522	4.8	4,233	4.7	3,463	4.6
Hispanic	3,029	9.8	2,956	9.9	2,463	9.7	1,736	9.0	10,184	9.7	9,427	9.3	8,900	8.8	7,828	8.2	7,386	8.3	5,876	7.9
African American	5,228	17.0	5,235	17.6	4,180	16.4	3,179	16.5	17,822	16.9	16,904	16.7	18,449	18.2	16,250	17.1	14,752	16.5	11,149	15.0
Asian or Pacific Islander	471.0	1.5	519.0	1.7	490.0	1.9	400.0	2.1	1,880	1.8	1,731	1.7	1,532	1.5	1,949	2.1	1,826	2.0	1,622	2.2
Other	2,890	9.4	1,998	6.7	1,802	7.1	1,146	5.9	7,836	7.4	7,553	7.4	7,703	7.6	6,832	7.2	6,406	7.2	5,016	6.7
Family Structure																				
Both Parents	13,673	52.6	12,470	49.0	10,346	47.1	7,887	46.2	44,376	49.1	42,948	48.9	42,847	48.2	41,755	49.0	39,166	49.2	33,305	50.4
Step-Families	4,711	18.1	5,079	19.9	4,452	20.3	3,241	19.0	17,483	19.3	17,053	19.4	17,099	19.2	16,991	20.0	15,494	19.5	13,285	20.1
Single Parent	6,562	25.3	6,772	26.6	5,944	27.1	4,587	26.9	23,865	26.4	23,299	26.5	24,193	27.2	21,851	25.7	20,510	25.8	16,468	24.9
*Numbers and percentages listed here reflect only those students who answered each of the demographic questions. Therefore,the numbers and percentages in the Total column do not add up to the final completion rate indicated in the text of the report.																				

*Numbers and percentages listed here reflect only those students who answered each of the demographic questions. Therefore, the numbers and percentages in the Total column do not add up to the final completion rate indicated in the text of the report.

Figure ES-1



Arkansas Students' Age of Initiation

The APNA survey asks students when, or if ever, the student first used ATODs. As in past years, Arkansas youth begin using cigarettes earlier than any other substance (Figure ES-2). Of those youth who had used cigarettes, the average age of first use was 12.3 years. A period of about 18 months continues to separate the age of when the student reported first having more than a sip or two of alcohol and the first regular alcohol use. The first incidence of more than one sip occurs at 12.7 years, and the first regular use of alcohol at 14.2 years; this is almost no change in either category in the last five years. Of the youth who had used marijuana, the average age of first use was 13.7 years, which was the same as in the previous year and at the level reported in 2008. Age of First regular alcohol use increased very slightly from 14.1 years to 14.2 years. Comparing 2006 results to this year's survey, the largest differences occur in first cigarette use (12.0 years in 2006 vs. 12.3 years in 2011) and first marijuana use (13.5 in 2006 vs. 13.7 in

2011) and first alcohol more than a sip (12.5 in 2006 vs. 12.7 in 2011). In all cases, students are waiting longer to try these substances; this could be indicative of a positive effect of prevention programming.

The Lifetime Prevalence of ATOD Use

Lifetime prevalence is the use of a substance at least once in the student's lifetime, and is the best measure of youth experimentation with alcohol, tobacco, and other drugs. In the 2011 APNA survey, the substances with the highest lifetime prevalence rates include: alcohol (38.2%), alcopops (26.7%), cigarettes (24.6%), smokeless tobacco (14.1%), marijuana (15.2%), prescription drugs (10.1%) and inhalants (9.9%) (Figure ES-3). While students reported the use of these substances the most, usage rates declined from 2010 anywhere from 0.1% to 0.9%, with the exception of marijuana, which increased from 14.9% to 15.2% and cocaine which increased from 1.2% to 1.3%.

Compared with Monitoring the Future (MTF) survey results, which is the best measure of national trends for 8th, 10th and 12th grades, Arkansas youth have higher rates of cigarette and smokeless tobacco use (by 2.6% to 6.9%) than youth nationally. In contrast, Arkansas students have up to 12.5% lower rates than national youth in their use of alcohol, marijuana, hallucinogens, cocaine, methamphetamines, stimulants, ecstasy and alcopops. Sedative use, however, among Arkansas' 8th, 10th and 12th graders, is higher than the national average (by 4.8%-7.0%).

New in 2009, the APNA survey collected lifetime prevalence rate of alcopops and found that nearly a third (31.3%) of Arkansas' survey respondents said they used alcopops; the rate decreased in 2011 to 26.7%. Almost half of 12th graders reported using alcopops, almost 40% of 10th graders and 21.1% of 8th graders said they used alcopops. There are no national findings for comparisons on this substance.

Figure ES-2

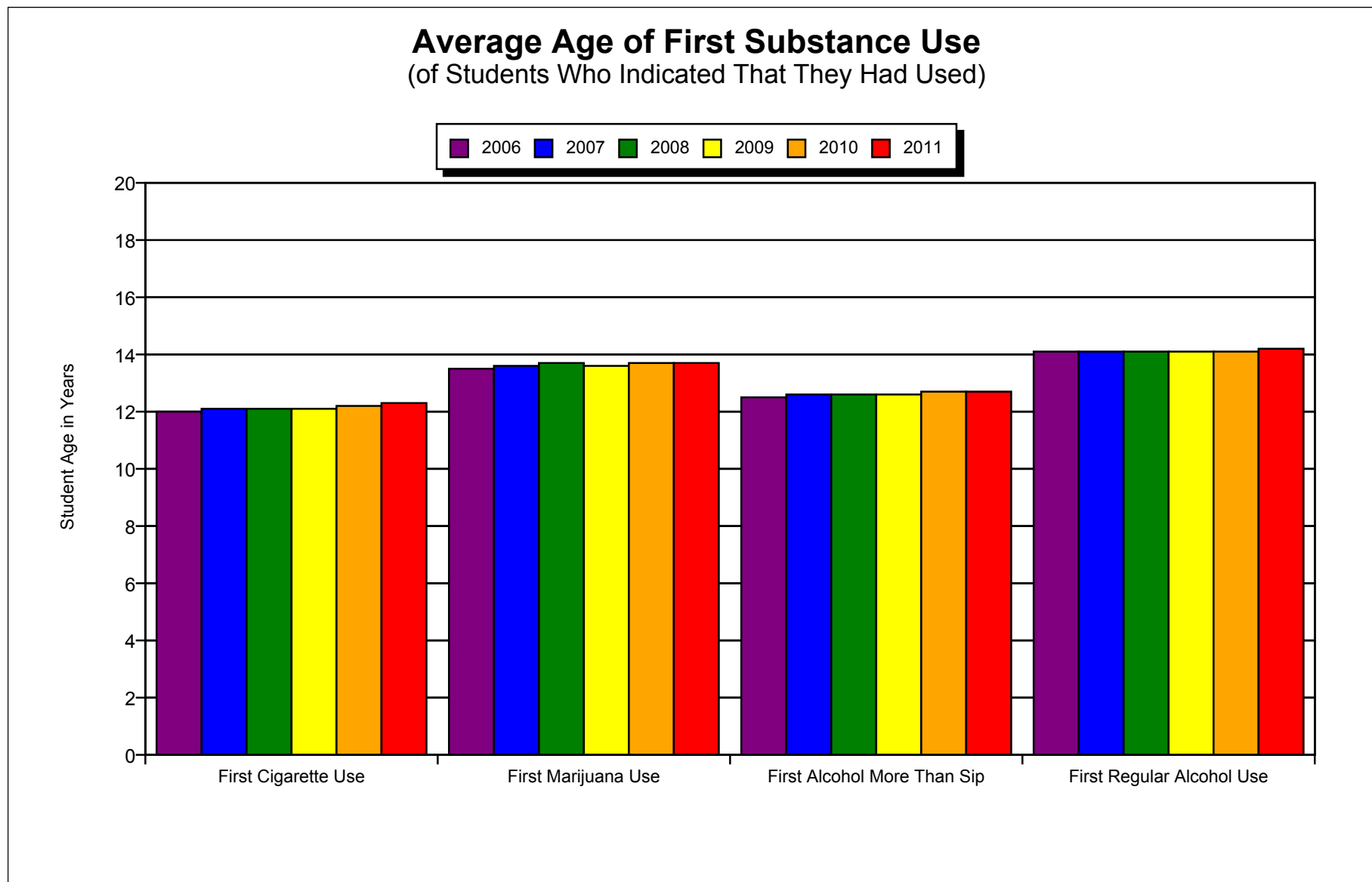
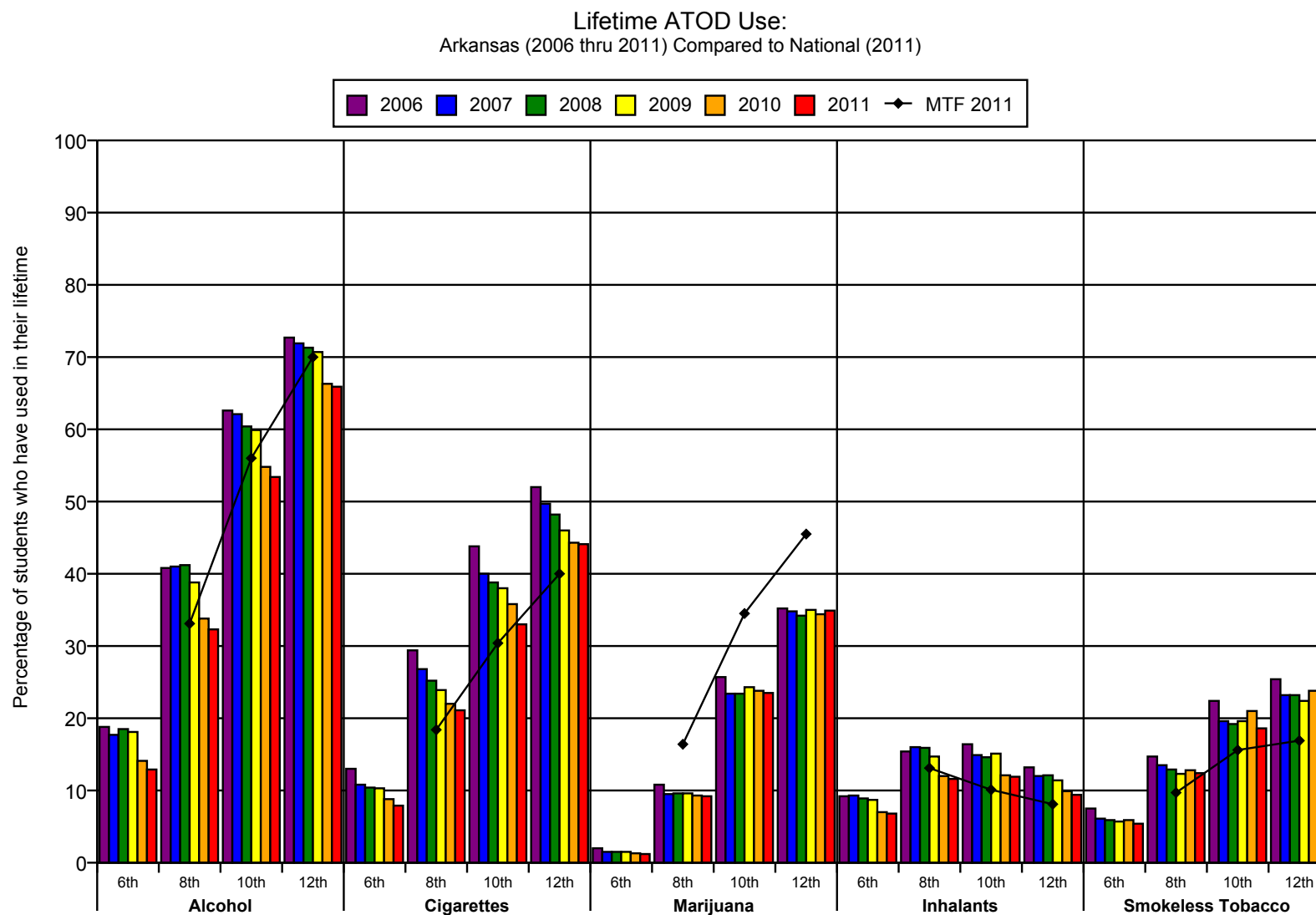
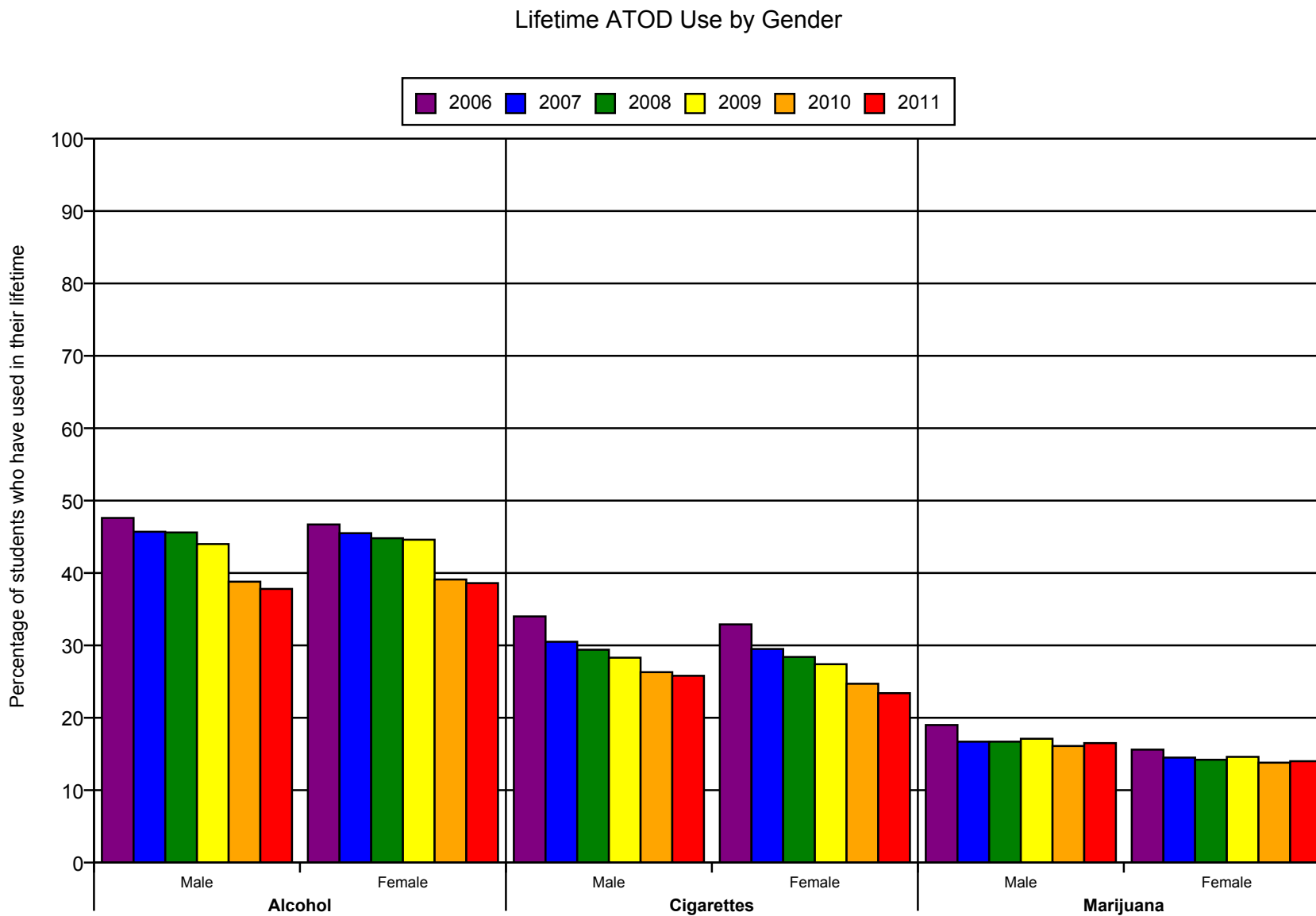


Figure ES-3



MTF=Monitoring the Future, a national survey of 8th, 10th and 12th graders.

Figure ES-4



Since 2006, the lifetime prevalence of drug use by Arkansas youth has declined. This decline generally mirrors the national findings.

Current ATOD Use by Arkansas Students

Past 30-day use is recorded when youth report that they have used a substance at least once in the past 30 days. Past 30-day use is the best measure of the current use of alcohol, tobacco, and other drugs. Figure ES-4 shows that the most commonly used substances in the past 30 days were alcohol, alcopops (not shown since only three years' data), cigarettes, marijuana, and smokeless tobacco, in that order. Inhalants, sedatives, prescription drugs, and over-the-counter drugs were the other four substances that showed past 30-day prevalence rates greater than two percent. Arkansas students had lower past 30-day prevalence rates than MTF students for alcohol, marijuana, cocaine, methamphetamines, stimulants and ecstasy across all grade levels with differences ranging from 0.1% to 4.6%, depending on the substance and grade level. However, for tobacco products, 10th and 12th grade Arkansas students had somewhat higher prevalence rates for current tobacco use (both cigarettes and smokeless tobacco). Alcohol, marijuana and alcopops showed slight increases from 0.1% to 0.3%. For all other substances, the past 30-day substance use decreased or remained stable since the 2006 survey. While the declines are sometimes small, it is more important that the declines are consistent across time and occur across the full range of substances.

Heavy ATOD Use Among Arkansas Students

The 2011 APNA survey measured heavy use for alcohol, cigarettes, and marijuana. Overall, binge drinking appears to be the largest heavy use problem among Arkansas youth. Table ES-2 shows that 10.0% of youth (up slightly from 9.9% in the previous year) binge drank (defined as having five or more drinks on a single occasion) at least once in the past two weeks. Compared to 2006 findings, binge drinking among Arkansas youth has declined by 5.4%. As is typical for most substances, binge drinking increases for Arkansas students as they progress through middle and high school.

Heavy cigarette use was defined as daily use of about a half-pack or more. Table ES-2 also shows that heavy cigarette use was relatively low, at 0.8% of all Arkansas students. Finally, heavy marijuana use was defined as the use of one or more marijuana cigarettes a day. A low percentage of Arkansas students (5.1%) reported heavy use of marijuana. This is a slight increase from the previous year of 4.9%.

The percentage of youth who used various ATOD substances, individually and in combination with other substances, is shown in Table ES-3. Overall, 13.1% of Arkansas youth reported using two or more substances within the past 30 days (vs. 13.2% in 2010) and 7.1% have used three or more

Table ES-2

Percentage of APNA Respondents (Grades 6, 8, 10, and 12 combined) who Engaged in Heavy Substance Use																														
Drug Used	Grade 6						Grade 8						Grade 10						Grade 12						Total					
	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011
Binge drinking	4.3	3.5	3.3	1.7	1.2	1.1	11.4	10.3	10.4	7.4	6.1	5.8	20.9	19.3	17.7	17.2	15.0	15.0	27.8	26.0	25.2	25.2	23.0	23.3	15.4	13.6	13.1	11.7	9.9	10.0
Pack / day cigarettes	0.2	0.1	0.1	0.1	0.1	0.1	1.0	0.7	0.7	0.6	0.4	0.4	2.4	1.8	1.7	1.5	1.4	1.1	3.6	3.1	2.8	2.5	2.1	2.0	1.7	1.3	1.2	1.0	0.9	0.8
Heavy marijuana use	1.0	0.7	0.5	0.8	0.6	0.6	3.9	3.0	3.2	3.7	3.4	3.5	7.8	6.6	6.3	8.1	8.1	7.8	8.9	8.7	7.9	9.6	10.1	10.4	5.2	4.3	4.1	5.2	4.9	5.1

Table ES-3

Percentage Using Multiple Drugs in the Past 30 Days (2011)					
	Grade 6	Grade 8	Grade 10	Grade 12	Total
Any Substance	8.6	20.3	35.5	46.5	25.6
Two or More Substances	2.5	9.2	19.2	27.0	13.1
Three or More Substances	1.0	4.7	10.6	15.3	7.1
Alcohol	2.6	11.0	24.0	35.0	16.3
Cigarettes	1.4	5.7	12.3	20.2	8.8
Smokeless Tobacco	1.5	4.5	8.1	10.5	5.6
Tobacco (cig. or smokeless)	2.4	8.2	16.4	24.2	11.6
Marijuana	0.4	4.0	11.1	16.8	7.1
Tobacco and Alcohol	0.8	4.3	10.5	17.1	7.2
Tobacco and Marijuana	0.2	2.1	6.0	10.0	4.0
Alcohol and Marijuana	0.2	2.6	8.0	13.3	5.2
Marijuana and Tobacco and Alcohol (all three)	0.2	1.5	4.8	8.6	3.3
Alcohol and Any Other Drug	0.9	5.0	11.3	16.7	7.6
Alcohol and Any 1 Other Drug	0.6	2.7	5.8	9.5	4.1
Alcohol and Any 2 Other Drugs	0.2	1.0	2.2	2.9	1.4
Tobacco and Any Other Drug	0.8	3.7	8.2	12.4	5.6
Tobacco and Any 1 Other Drug	0.4	1.9	4.0	6.6	2.9
Tobacco and Any 2 Other Drugs	0.2	0.7	1.5	2.2	1.1

substances (same as in 2010). The most common combination is that of alcohol and tobacco (7.2%) and alcohol and any other drug where 7.6% of Arkansas youth report using both in the past 30 days.

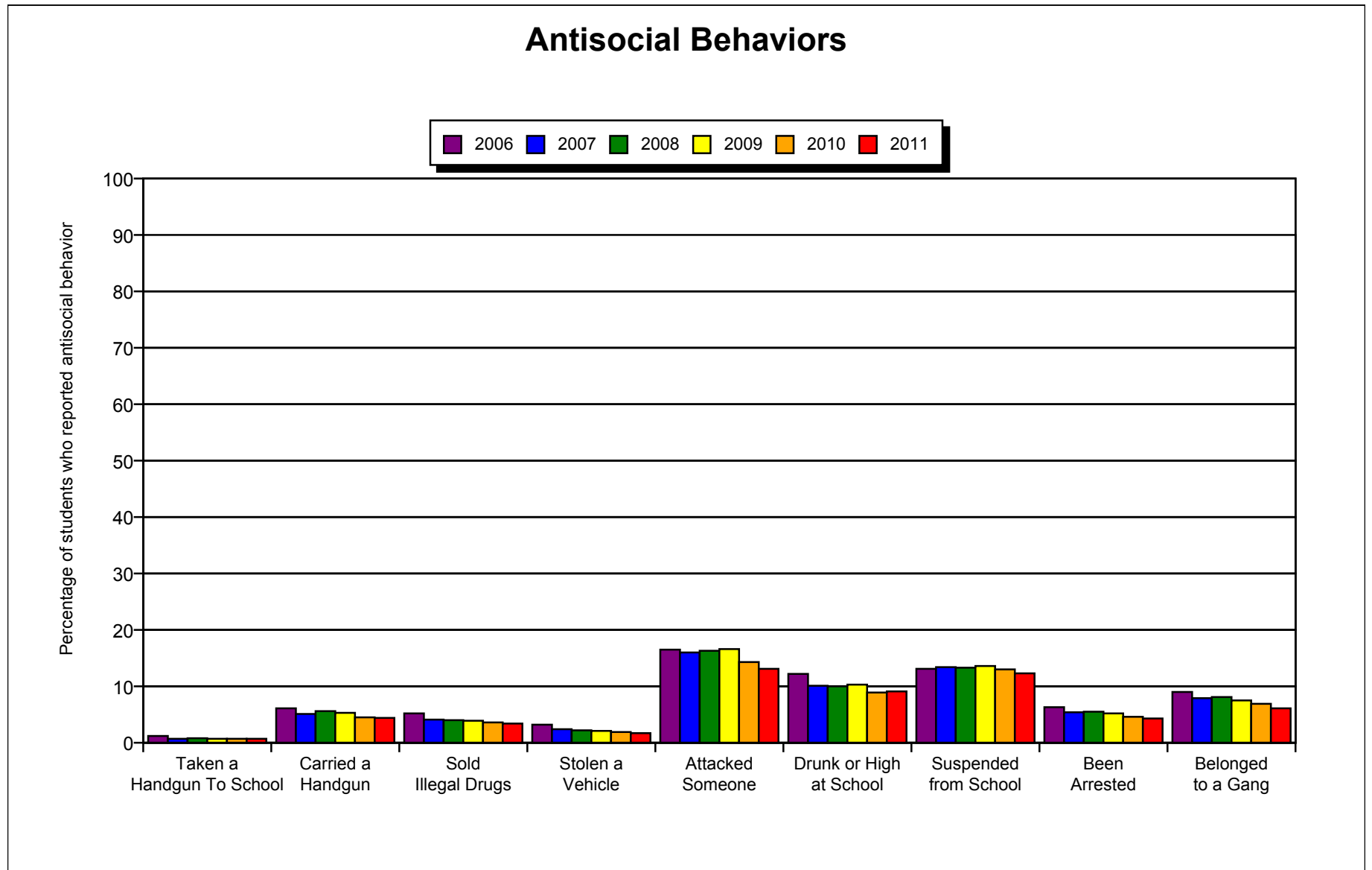
Arkansas Students' Involvement in Antisocial Behavior

The APNA survey measures nine different antisocial behaviors or the behavioral markers for antisocial behaviors, such as arrest or school suspension. Figure ES-5 summarizes the past-year prevalence of these behaviors. The three highest prevalence rates were for school suspension (12.3%), being drunk or high at school (9.1%), and attacking someone with the intent to harm them (13.1%). Of note, the largest decrease in antisocial behaviors since 2006 was seen in attacking someone with intent to harm, which decreased by 1.2% during the time period. Lower prevalence rates were also found for other antisocial behaviors other than drunk at school which increased by 0.2%. For example, 4.3% of Arkansas students reported that they were arrested in the past year compared to 4.6% in 2010. Fortunately, some behaviors were quite rare. For example, 0.7% of the youth surveyed reported taking a handgun to school in the past 12 months. Prevalence rates this low are considered below the level of reliable detection in a school survey such as the APNA. In general, fluctuations of the prevalence rates for antisocial behaviors across 2006-2011 are small, with the prevalence rates remarkably stable.

The Risk and Protective Factor Profile of Arkansas Students

The APNA survey is based upon the risk and protective factor model of substance abuse prevention. Medical research has identified risk and protective factors for heart disease. Risk factors (such as high blood pressure) increase the likelihood of heart disease, and protective factors (such as exercise) decrease the likelihood of heart disease. In an analogous fashion,

Figure ES-5



social scientists have discovered a set of risk factors that increase rates of problem behaviors (including substance abuse, delinquency, violence, teen pregnancy, and school dropout) among adolescents.

A set of protective factors have also been identified which decrease the likelihood of youth involvement in the same problem behaviors. Risk and protective factors are organized into four domains: 1) the community, 2) the family, 3) the school, and 4) within the individual and with their peer interactions. Figures ES-6 and ES-7 show the prevalence of risk and protective factors for Arkansas students. Two features of these charts are key to understanding the information: 1) the cut points for the risk and protective factor scales; and 2) the dashed lines that indicate a “national” normative value. The cut point indicates the threshold level at which a population of students is considered to be elevated on the risk or protective factor. The dashed line on the chart is the national norm—i.e., the average value for students nationally—based on the 200,000 students whose results were used to create the risk and protective factor measurement system. When risk factors are above the norm (45% as indicated by the dashed lines on the figures), communities should be concerned; in contrast, levels of protective factors falling below the norm (56% as indicated by the dashed lines on figures) are also reason for concern.

In comparison to the national norm, risk factor scores for Arkansas youth in all four domains are generally lower, which is a good thing. Those risk factors that were elevated for Arkansas students were: Transitions and Mobility (54.0%), and Interaction with Antisocial Peers (45.9%). On many other risk factors, Arkansas students had significantly lower risk scores as shown on Figure ES-6.

In general, Arkansas students show a high number of protective factors, and they compare favorably to the national norm. Arkansas students are most elevated on Family Opportunities for Prosocial Involvement, School Opportunities for Prosocial Involvement, Religiosity, Social Skills, Belief in a Moral Order, Peer Rewards for Prosocial Involvement and Interaction with Prosocial Peers. Scores were lowest on Community Opportunities for Prosocial Involvement, Rewards for Prosocial Involvement and Prosocial Involvement in the Peer-Individual Domain, as shown in Figure ES-7.

Figure ES-6

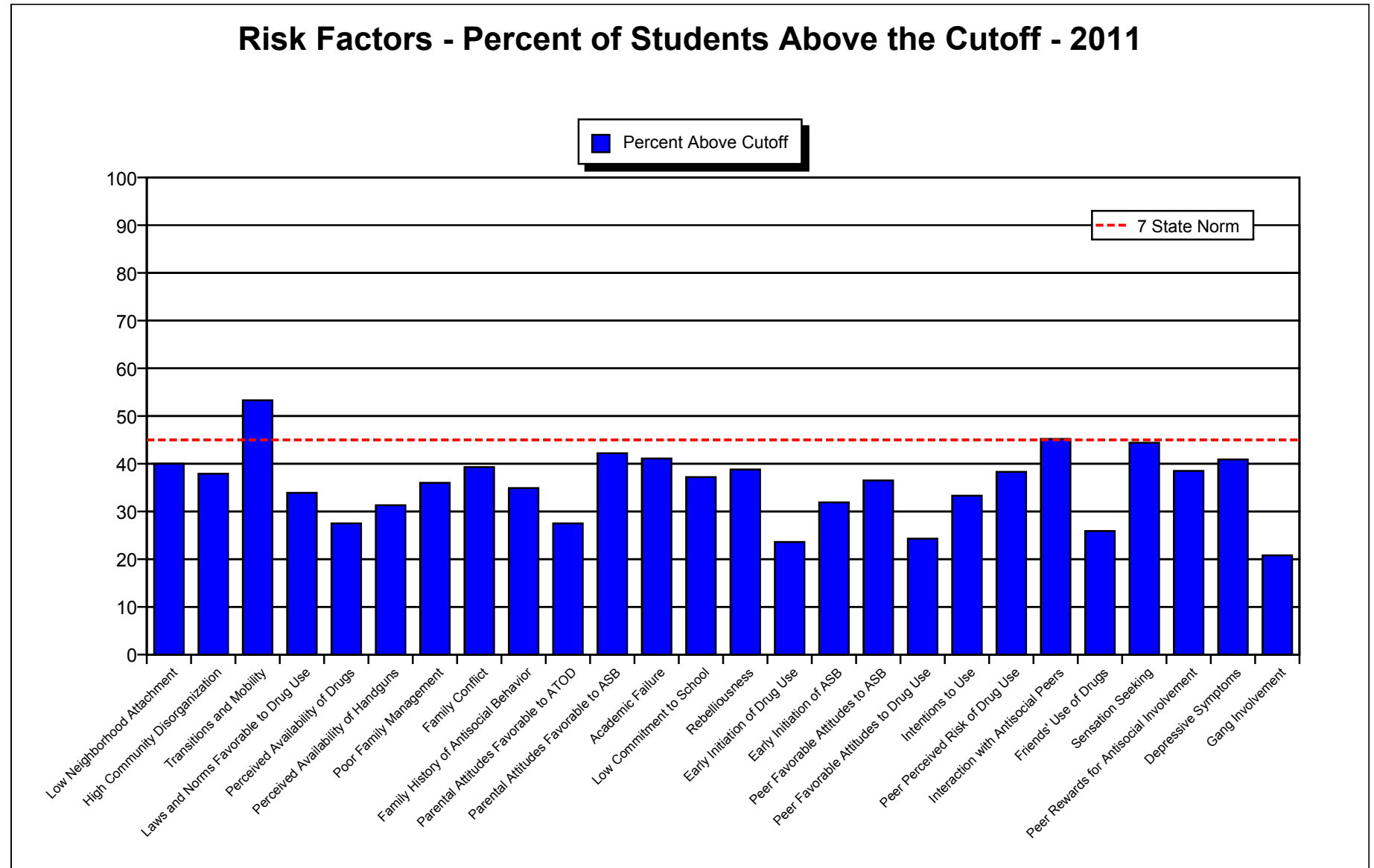
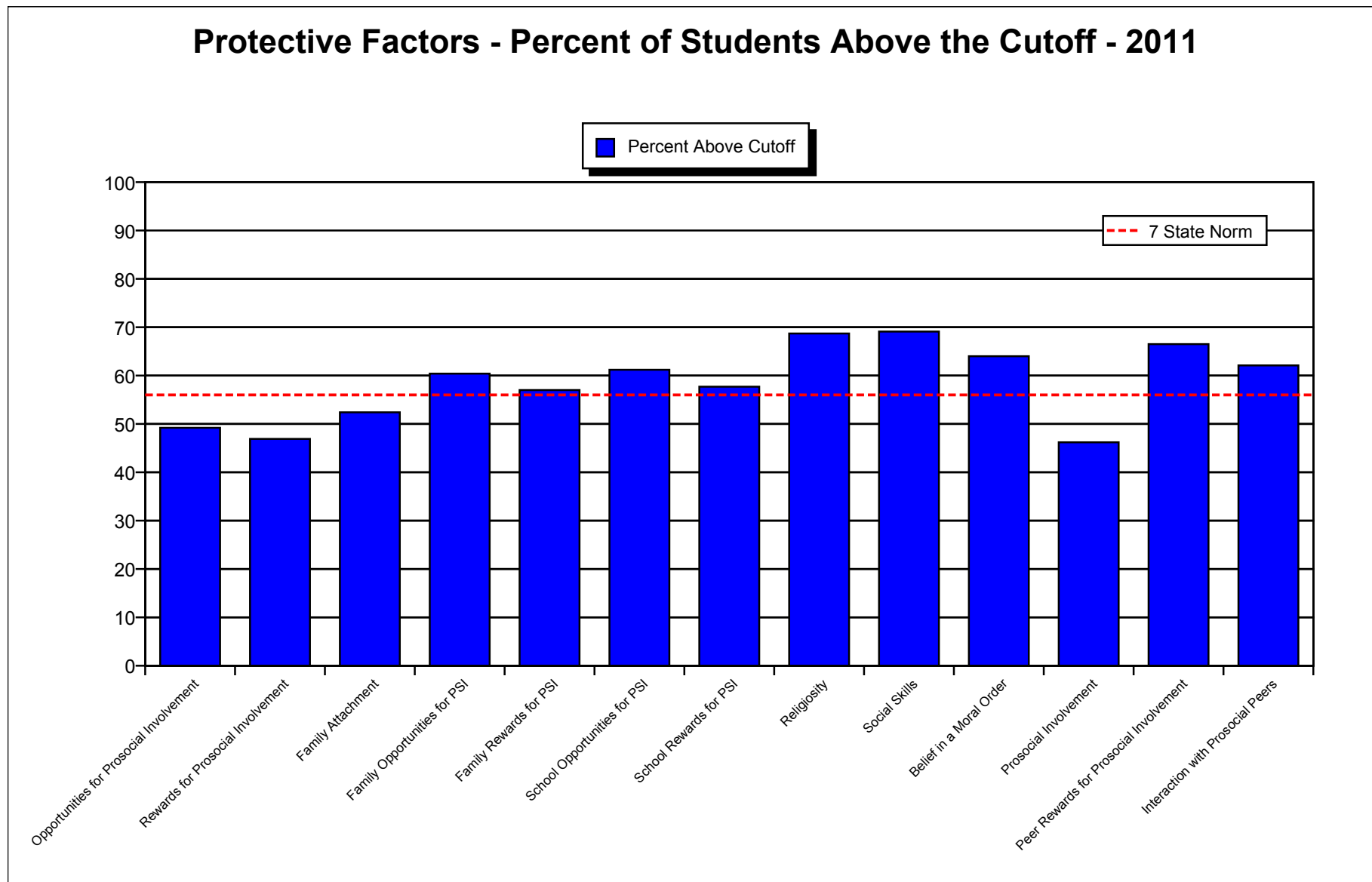


Figure ES-7



Section 1: Introduction

1.1 Overview of the 2011 APNA Report

This report is divided into four sections. The first section, **Summary of the Survey Methods**, describes how the survey was conducted, who participated, and procedures that were used to ensure that valid information was collected. It is written as a brief report accessible to all readers.

The second section, **Risk and Protective Factors for Substance Abuse and Other Youth Problem Behaviors**, begins with a discussion of the Risk and Protective Factor Model of substance abuse prevention, including the four domains of risk and protection (community, family, school, and peer/ individual). This is followed by a detailed analysis of the risk and protective factor results for each of the four domains. A final contribution to this section is an analysis of the role of aggregated risk and protective factors for Arkansas students. When the total number of risk and protective factors are added together for Arkansas students, this total is very predictive of both ATOD use and antisocial behavior.

The third section, **Substance Use Outcomes**, describes ATOD use and antisocial behavior among Arkansas youth. This section begins with a discussion of what substances were measured in the APNA, and the particular prevalence periods employed. Then, in sequence, this section discusses in detail the APNA findings related to lifetime use, use in the past 30-days, and a series of special topics. The special topics include students' heavy use, the simultaneous use of multiple substances, students' attitudes and perceptions regarding substance use, sources and location of ATOD use, and several other topics. Whenever possible, these results are compared to the results of a national survey, Monitoring the Future (MTF).

The fourth section, **Behavioral Outcomes Other Than Substance Use**, provides information on student behaviors and attitudes regarding a number of topics. First, the prevalence of a variety of antisocial behaviors in

Arkansas students is discussed. Other behaviors reported include the use of handguns and violence, disciplinary problems in school, assault, and arrest. These behaviors have been measured consistently by the APNA for the past several years, providing long-term trend data showing the progress of Arkansas students on these issues.

How to Make the Best Use of This Report

This report is designed primarily as an electronic document and can be viewed with Adobe Reader. Viewing the report electronically will allow the reader to more effectively and efficiently digest the findings. Hyperlinks play a primary role in this process; they are clickable phrases or words that will take you to a new location of the report. You will know that you have encountered a hyperlink when the normal cursor image changes to the "hand" cursor. When this occurs, a mouse click will change your location in the report. This feature is useful when you want to compare findings from different sections of the report. For example, if you are interested in results involving just 6th graders, you can click on the list of tables and figures that specifically present 6th grade data.

1.2 The APNA Survey Form

1.2.1 Development of the APNA Survey Form

The original survey questionnaire on which the APNA survey is based was developed by the Social Development Research Group at the University of Washington. The development process was funded by the Center for Substance Abuse Prevention (CSAP). The goal of the project was to develop a survey that provided scientifically sound information about: 1) the prevalence of youth ATOD use and antisocial behavior in the community; and 2) the prevalence of risk and protective factors in a community. The survey was further refined through a second project, the "Diffusion

Consortium Project,” which involved seven states and was funded by four federal agencies: the National Institute of Drug Abuse (NIDA), Safe and Drug Free Schools Program, Office of Juvenile Justice and Delinquency Prevention, and CSAP. Normative data for the survey were developed in these two studies based on testing with more than 200,000 students in the United States.

Several steps were taken during the development of the survey instrument on which the APNA is based to maximize the validity of the collected survey data. These steps included: careful cognitive pretesting of the questionnaire to ensure that students understand the meaning of each question; creation of a well-developed and debugged administration protocol; and the development of uniform instructions read to all students who participate in the survey.

This basic questionnaire was modified in 2002 to create the APNA survey. Modifications, including the addition of specific questions about substance use, tobacco availability, and tobacco use, allowed the APNA survey to better meet the needs of Arkansas. In each year since, the questionnaire has been slightly modified to meet new requests for additional data. However, the measurement of risk and protective factors, along with the prevalence of ATOD use and antisocial behaviors, has always been maintained. See Appendix A for a copy of the 2011 APNA survey questionnaire.

1.2.2 Content and Focus of the APNA Survey Form

Prevalence of ATOD Use and Antisocial Behavior. The APNA survey measures the current prevalence of a broad range of ATOD substances. The substances include: 1) alcohol, 2) cigarettes, 3) smokeless tobacco, 4) marijuana, 5) hallucinogens, 6) cocaine, 7) inhalants, 8) stimulants, 9) sedatives, 10) methamphetamines, 11) ecstasy, 12) heroin, 13) prescription drugs, 14) over-the-counter drugs, and 15) alcopops. The questions that ask about substance use are similar to those used in the Monitoring the Future Survey. Using comparable ATOD questions means that comparisons between the two surveys can be made.

Risk and Protective Factors. Arkansas uses the Risk and Protective Framework to guide prevention efforts aimed at reducing youth problem behaviors. This framework, developed by J. David Hawkins, PhD, Richard F. Catalano, PhD, and their colleagues at the University of Washington, Social Development Research Group, explains the relationship between risk and protective factors and youth problem behaviors. Risk factors are characteristics of school, community, and family environments, as well as characteristics of students and their peer groups. Risk factors predict increased likelihood of drug use, delinquency, school dropout, teen pregnancy, and violent behavior among youth. For example, Hawkins and Catalano have found that children who live in families with high levels of conflict are more likely to become involved in problem behaviors such as delinquency and drug use than children who live in families with low levels of family conflict.

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 Hawkins and Catalano include: bonding to family, school, community and peers; healthy beliefs and clear standards for behavior; and individual characteristics. For bonding to serve as a protective influence, it must occur through involvement with peers and adults who communicate healthy values and set clear standards for behavior.

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

A total of 19 risk factors and 13 protective factors are measured in the 2011 APNA survey. Some of the risk factors require more than one scale for adequate measurement. As a result, there are 26 separate risk factor scales and 13 protective factor scales measured by the survey. To find a complete list of the risk and protective factors and the corresponding risk and protective factor scales within the Risk and Protective Factor Model, please go to http://www.arkansas.gov/dhs/dmhs/adap_survey.htm.

Before the percentage of youth at-risk on a given scale could be calculated, a scale value or “cut point” is used that best separates the at-risk group from the group that is not at-risk. Cut points are specific risk or protective factor

threshold values that are used to classify a youth as being elevated on risk factors scales, or having insufficient levels of protection as measured by protective factor scales. The cut-point score best classifies youth into groups of those who are more at-risk or less at-risk for ATOD use and other problem behaviors. The cut points have remained stable in youth populations and will be used to produce the profiles for future surveys.

In the 2011 APNA survey, students responded to a total of 224 items. The questions were printed in a test booklet that was scored by a machine. See Appendix A for a complete copy of the questionnaire. To find a complete item dictionary that lists the risk and protective factor scales and the items they contain, as well as the outcome variables and a document with tabulations for the number and percentages of collected responses for each item in the 2011 APNA survey, please go to http://www.arkansas.gov/dhs/dmhs/adap_survey.htm.

A Note Regarding APNA 2006 Data. As reported in the 2007 APNA report, some methodological problems were encountered in the 2006 survey year. These problems resulted in some uncertainties for a small number of the risk and protective factor prevalence estimates. In this report, when examining multi-year trend data, the most accurate 2006 prevalence estimates are included. This approach allows for the most accurate interpretation of state-level long-term trend data. As a consequence, the 2011 reports for specific geographic areas of the state (i.e., regional or school district reports) will have a small number of minor variations from this report in regard to their reported 2006 state-level prevalence estimates for risk and protective factors.

1.3 Administration Procedures

1.3.1 Description of APNA Administration Procedures

In August 2011, a recruiting packet was developed and emailed to each regional Prevention Resource Coordinator (PRC) by the Project Director. The recruiting packet included a school agreement form, survey fact sheet, a copy of the survey instrument, administration instructions for the school contact coordinator, teacher administration instructions, and a copy of the parent notification letter.

PRC personnel were encouraged to personally visit each of their school sites to obtain school participation. A phone call to the previous year's participants was also initiated as needed. PRC personnel followed up by phone, fax and email to obtain the school participation agreement form from superintendents. A concerted effort was made to contact every public school district in the state to participate in the survey.

Surveys were mailed to participating schools during September and October 2011. Administration of the surveys took place during November 2011. The school contacts were given specific instructions on how to maintain student confidentiality and how to collect and return the completed surveys. Teachers in surveyed classrooms were given a script to read. Completed surveys were to be returned to the sub-contractor, International Survey Associates, by December 1, 2011. International Survey Associates staff followed up with phone calls directly to school contacts who had not returned surveys by December 15, 2011 to ensure that all completed and unused surveys were returned.

Description of Procedures to Protect Student and Parent Rights

A special emphasis was placed on appropriately notifying parents regarding the risks and benefits of their child's participation in the survey, and how the passive consent process works. As appropriate, state- and local-level employees participating in the APNA administration process were instructed on the procedures to protect student and parent rights. This included all state-level and PRC employees involved with the APNA. In addition, school contacts were given detailed instructions on how to maintain student confidentiality, including how to package and seal the envelopes containing the surveys, and how to promptly initiate their return to International Survey Associates.

Finally, teachers were provided a script, which used developmentally appropriate language and described student rights to participate or not participate in the survey as a whole or to provide information on any specific question. Teachers read the script in each classroom participating in the survey. The confidentiality of the survey was stressed to Arkansas students through the instructions and administration procedures. Students were assured multiple times that the survey was voluntary, anonymous, and confidential. They were told that no one would see their answers and that a survey could not be traced back to an individual student.

1.3.2 Description of Survey Scanning and Scoring Procedures

Once returned to International Survey Associates, the survey forms were checked to eliminate blank or otherwise unusable forms and were automatically scanned and scored by International Survey Associates' computers. As part of the database development process, International Survey Associates' scoring system automatically suppresses the calculation of results when the specific subgroup that is being analyzed (e.g., a school, or school grade level) contains less than 20 students. This is done to provide an additional layer of confidentiality protection to participating students. While the student's data are not included in any report including groups smaller than 20 students, their data still contribute to the reports for larger geographic areas, such as the regional- and state-level reports.

1.4 Creation of the 2011 APNA Survey Database

1.4.1 Survey Distribution and Processing

Districts participating in the APNA Survey were contacted and shipped the necessary number of surveys along with a small number of extra surveys; having an excess of surveys at the school site allows for a more efficient and speedier survey administration, minimizing the burden of APNA participation at the school level.

Surveys returned to International Survey Associates were visually scanned to ensure that they were not blank, defaced, or otherwise unreadable. These surveys were excluded from the database. Of the remaining surveys, a total of 97,705 were scanned into the database. Surveys that failed to pass the validity checks, as well

as surveys from students from grades 7, 9 and 11 were also excluded from the survey database. As seen in Table 1-1, a total of 9,903 surveys were removed for these and other validity reasons prior to further analysis.

Table 1-1 Number of Students Surveyed

Total Students Surveyed	100,371
Total Students Surveyed Providing Invalid Surveys	9,903
Number Valid Surveys in Grade 6	25,980
Number Valid Surveys in Grade 8	25,464
Number Valid Surveys in Grade 10	21,957
Number Valid Surveys in Grade 12	17,067
Total Number of Valid Surveys	90,468

1.4.2 Assessment of the Validity of the Individual Survey Protocols

Because the survey was anonymous, most of the reasons for students to exaggerate or deny behaviors were eliminated. However, several checks were built into the data screening process to minimize the inclusion of students who were not truthful in their responses. All surveys that were deemed to be not truthful were eliminated from the final analysis. Invalid individual student surveys were identified using five specific criteria: 1) the student indicated that he or she was “Not Honest At All” in completing the survey; 2) the student indicated that he or she had used the non-existent drug phenoxydine; 3) the student reported an impossibly high frequency of multiple drug use; 4) there was a large age differential between grade level and the student’s age as reported by the students; and 5) the student report contained logical inconsistencies between past 30-day use and lifetime use rates. In addition to reasons cited in 1.4.1 and as shown in Table 1-1, a total of 9,903 surveys were removed from the final data set and later analyses as a result of one or more of these reasons.

After all checks were completed, a total of 90,468 students contributed their data to the final database for analysis.

1.4.3 Survey Participants by County and Region

The State of Arkansas has 75 counties, divided into 13 ATOD service regions. Several tables have been prepared that supply regional- and county-level results for the 14 categories of substances. Results for the substance use rates for the past 30 days and lifetime for each of the 13 participating regions and 74 participating counties in Arkansas can be found at: http://www.arkansas.gov/dhs/dmhs/adap_survey.htm.

Because ATOD use, antisocial behavior, and the prevalence of risk and protective factors normally vary by grade level, large differences in grade level participation by region would be cause for concern and would complicate comparisons between regions. Fortunately, the grade level variation in participation between regions was small. (Table 1-2)

1.5 Student Demographics

The characteristics of the youth who participated in the 2011 APNA survey are presented in Table 1-3 and Figures 1-1, 1-2, and 1-3. There are only slight demographic changes from the 2010 survey. The 2011 student demographics are also shown separately for grades 6, 8, 10, and 12. A nearly equal number of males and females took the survey in all grades

(female – 51.5% and males – 48.5%). The majority of respondents were White (58.3%), 16.9% were African American, 9.7% were Hispanic, and the balance were distributed among other ethnic groups.

An analysis of the family structure of respondents showed that 49.1% lived with both of their biological parents, 19.3% lived in a step-family structure, and 26.4% lived with a single parent.

Table 1-2

Total Number and Percentage of Survey Respondents by Grade and Participating Region																				
	Grade 6		Grade 8		Grade 10		Grade 12		2011 Total		2010 Total		2009 Total		2008 Total		2007 Total		2006 Total	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%
Region 1	4,636	17.8	4,940	19.4	3,832	17.5	2,888	16.9	16,296	18.0	15,414	17.6	13,196	14.8	14,562	17.1	12,031	15.1	9,584	14.4
Region 2	873	3.4	980	3.8	820	3.7	606	3.6	3,279	3.6	3,035	3.5	3,372	3.8	3,079	3.6	3,519	4.4	3,591	5.4
Region 3	2,208	8.5	2,178	8.6	1,937	8.8	1,516	8.9	7,839	8.7	7,741	8.8	8,079	9.1	7,510	8.8	7,847	9.9	6,107	9.2
Region 4	2,797	10.8	2,755	10.8	2,207	10.1	1,762	10.3	9,521	10.5	9,247	10.5	9,537	10.7	8,271	9.7	8,438	10.6	7,709	11.6
Region 5	2,120	8.2	1,990	7.8	2,144	9.8	1,747	10.2	8,001	8.8	8,532	9.7	7,824	8.8	8,673	10.2	8,414	10.6	7,079	10.6
Region 6	2,657	10.2	2,538	10.0	2,193	10.0	1,793	10.5	9,181	10.1	9,001	10.3	9,137	10.3	8,006	9.4	6,113	7.7	5,202	7.8
Region 7	1,069	4.1	907	3.6	759	3.5	548	3.2	3,283	3.6	2,348	2.7	3,891	4.4	3,347	3.9	3,388	4.3	2,258	3.4
Region 8	1,576	6.1	1,521	6.0	1,197	5.5	712	4.2	5,006	5.5	5,293	6.0	5,501	6.2	5,242	6.2	5,468	6.9	4,750	7.1
Region 9	3,977	15.3	3,604	14.2	3,369	15.3	2,438	14.3	13,388	14.8	13,585	15.5	13,767	15.5	11,722	13.8	10,819	13.6	8,726	13.1
Region 10	1,113	4.3	1,030	4.0	960	4.4	784	4.6	3,887	4.3	3,601	4.1	3,829	4.3	3,969	4.7	4,136	5.2	3,185	4.8
Region 11	1,083	4.2	1,149	4.5	1,009	4.6	893	5.2	4,134	4.6	3,252	3.7	3,572	4.0	4,091	4.8	3,396	4.3	3,325	5.0
Region 12	1,372	5.3	1,337	5.3	1,140	5.2	985	5.8	4,834	5.3	4,074	4.6	4,438	5.0	3,982	4.7	3,714	4.7	2,921	4.4
Region 13	499	1.9	535	2.1	390	1.8	395	2.3	1,819	2.0	2,637	3.0	2,769	3.1	2,676	3.1	2,315	2.9	2,215	3.3
Total	25,980	100.0	25,464	100.0	21,957	100.0	17,067	100.0	90,468	100.0	87,760	100.0	88,912	100.0	85,130	100.0	79,598	100.0	66,652	100.0

** Cells containing the -- symbol indicate an area where data is not available due to the region not participating in either the 2002 or 2003 survey.

Table 1-3

Total Number and Percentage of Survey Respondents by Grade and Demographic Characteristics																				
	Grade 6		Grade 8		Grade 10		Grade 12		2011 Total		2010 Total		2009 Total		2008 Total		2007 Total		2006 Total	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%
Total Sample	25,980	28.7	25,464	28.1	21,957	24.3	17,067	18.9	90,468	100.0	87,760	100.0	88,912	100.0	85,130	100.0	79,598	100.0	66,113	100.0
Gender																				
Male	12,812	49.8	12,355	49.0	10,225	47.0	8,036	47.5	43,428	48.5	42,253	48.7	42,276	48.3	40,590	48.5	37,614	47.9	31,255	48.3
Female	12,924	50.2	12,857	51.0	11,525	53.0	8,889	52.5	46,195	51.5	44,591	51.3	45,185	51.7	43,061	51.5	40,835	52.1	33,507	51.7
Race/Ethnicity																				
White	16,883	54.9	17,227	58.0	15,232	59.8	12,015	62.3	61,357	58.3	60,031	59.2	59,377	58.6	57,673	60.7	54,915	61.3	47,346	63.6
Native American	5,212	5.1	5,228	5.1	5,239	5.2	5,204	5.1	5,394	5.1	5,049	5.0	4,693	4.6	4,522	4.8	4,233	4.7	3,463	4.6
Hispanic	3,029	9.8	2,956	9.9	2,463	9.7	1,736	9.0	10,184	9.7	9,427	9.3	8,900	8.8	7,828	8.2	7,386	8.3	5,876	7.9
African American	5,228	17.0	5,235	17.6	4,180	16.4	3,179	16.5	17,822	16.9	16,904	16.7	18,449	18.2	16,250	17.1	14,752	16.5	11,149	15.0
Asian or Pacific Islander	471.0	1.5	519.0	1.7	490.0	1.9	400.0	2.1	1,880	1.8	1,731	1.7	1,532	1.5	1,949	2.1	1,826	2.0	1,622	2.2
Other	2,890	9.4	1,998	6.7	1,802	7.1	1,146	5.9	7,836	7.4	7,553	7.4	7,703	7.6	6,832	7.2	6,406	7.2	5,016	6.7
Family Structure																				
Both Parents	13,673	52.6	12,470	49.0	10,346	47.1	7,887	46.2	44,376	49.1	42,948	48.9	42,847	48.2	41,755	49.0	39,166	49.2	33,305	50.4
Step-Families	4,711	18.1	5,079	19.9	4,452	20.3	3,241	19.0	17,483	19.3	17,053	19.4	17,099	19.2	16,991	20.0	15,494	19.5	13,285	20.1
Single Parent	6,562	25.3	6,772	26.6	5,944	27.1	4,587	26.9	23,865	26.4	23,299	26.5	24,193	27.2	21,851	25.7	20,510	25.8	16,468	24.9
*Numbers and percentages listed here reflect only those students who answered each of the demographic questions. Therefore,the numbers and percentages in the Total column do not add up to the final completion rate indicated in the text of the report.																				

Figure 1-1

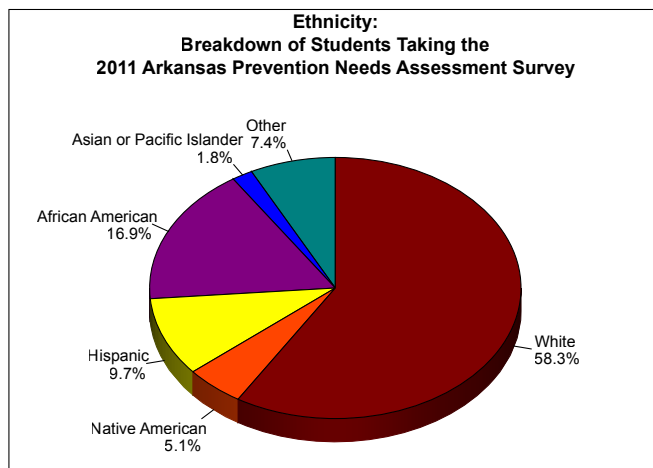


Figure 1-3

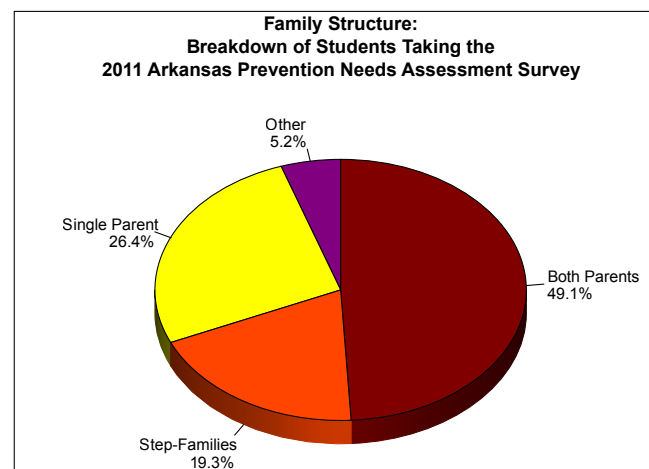
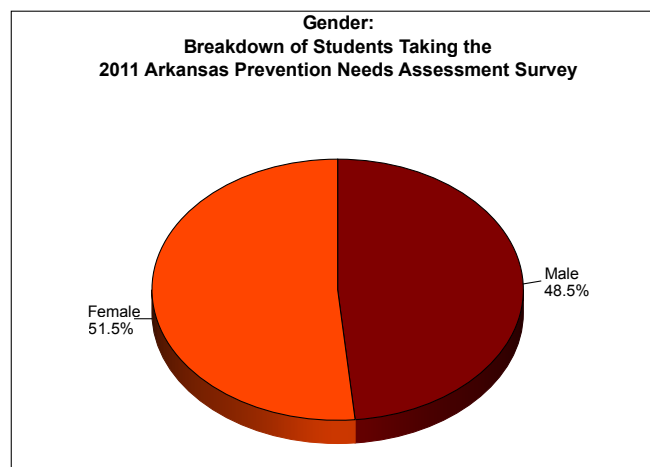


Figure 1-2



Section 2: Risk and Protective Factors

2.1 The Risk and Protective Factor Model

The Arkansas Prevention Needs Assessment (APNA) Survey is based upon the risk and protective factor model of substance abuse prevention. In medical research, both risk and protective factors have been found for heart disease and other health problems. For example, risk factors for heart disease include such characteristics or events as excessive consumption of high-fat foods, smoking, chronic stress, and being overweight. Protective factors, characteristics of the person or environment, decrease the likelihood of a negative event occurring. For example, adequate exercise and proper nutrition reduce the risk of heart disease. Just as medical research discovered the risk and protective factors for heart disease, social scientists have discovered a set of risk and protective factors that place young people at risk for the problem behaviors of substance abuse, delinquency, violence, teen pregnancy, and school dropout.

J. David Hawkins, PhD, Richard F. Catalano, PhD, and their colleagues at the University of Washington have reviewed more than 30 years of existing work on risk factors from various fields and have completed extensive work of their own to identify risk factors for youth problem behaviors. They identified risk and protective factors in four domains: 1) the community, 2) the family, 3) the school, and 4) within individuals and with peer interactions. Many

of the problem behaviors faced by youth – delinquency, substance abuse, violence, school dropout, and teen pregnancy – share many common risk and protective factors. Programs designed to reduce those common risk factors, or increase protective factors, will have the benefit of reducing several problem behaviors.

Using the risk and protective factor model, Hawkins, Catalano and their colleagues developed an approach that communities can use to reduce youth problem behaviors. An overview of the risk factors and protective factors that have been shown to be related to youth problem behaviors and their link to the APNA survey can be found at http://www.arkansas.gov/dhs/dmhs/adap_survey.html.

This section of the report is organized according to these four domains: community, family, school, and peer/individual. For each domain, the definition of each risk or protective factor is presented, followed by risk and protective factor results for Arkansas students by grade. Risk and protective factor charts are also provided to illustrate Arkansas risk and protection in relation to students from a seven state sample in the United States.

How to Read the Risk and Protective Factor Charts in this Section

Two components of the risk and protective factor charts are key to understanding the information that the charts contain: 1) the cut points for the risk and protective factor scales; and 2) the dashed lines that indicate a “national” value.

Cut Points

For risk factors, having an elevated risk factor increases the adolescent’s probability of engaging in a problem behavior. Conversely, for a protective factor, having an elevated protective factor reduces the adolescent’s probability of engaging in a problem behavior. Before the percentage of youth who are elevated on either risk or protective factors can be calculated, a scale value (traditionally called a cut point) was needed to define the point at which the risk or protective factor could meaningfully affect the probability of the negative behavior occurring. The APNA survey instrument was designed to assess adolescent substance use, antisocial behavior and the risk and protective factors that predict these adolescent problem behaviors. During the instrument development process, risk and protective factor-based surveys were given to more than 200,000 youth nationwide. Because of this, it was possible to identify two groups of youth, one that was more at risk for problem behaviors and another group that was less at risk, on the basis of their risk and protective factor scores. For each risk and protective factor, a cut-point value was then

determined that best discriminated between youth involved in problem behaviors and those who were not. Various outcomes were used for determining the cut-point values, including ATOD use, a variety of antisocial behaviors, and the students’ self-report of academic grades (the more at-risk group received “D” and “F” grades, the less at-risk group received “A” and “B” grades).

The cut points that were determined have remained stable over more than a decade and are used to produce the profiles for future surveys. Since the cut points are stable, the percentage of youth above the cut point on a scale (at-risk) can be consistently measured and used to evaluate the progress of prevention programs over time. For example, if the percentage of youth at-risk for family conflict prior to implementing a community-wide family/ parenting program was 60% and then decreased to 50% one year after the program was implemented, the program would be viewed as helping to reduce family conflict.

Dashed Line

Levels of risk and protection in your community also can be compared to a national sample. The dashed line on each risk and protective factor chart represents the percentage of youth at-risk or with protection for the seven-state sample of 200,000 students upon which the cut points were established. The seven states included in the norm group were: Colorado, Illinois, Kansas, Maine, Oregon, Utah, and Washington. All the states have a mix of urban and rural students.

2.1.1 Community Domain Risk and Protective Factors

Table 2-1

Youth at Risk	Problem Behaviors				
	Substance Abuse	Delinquency	Teen Pregnancy	School Dropout	Violence
Community					
Availability of drugs	✓				✓
Availability of firearms		✓			✓
Community laws and norms favorable toward drug use, firearms and crime	✓	✓			✓
Media portrayals of violence					✓
Transitions and mobility	✓	✓		✓	
Low neighborhood attachment and community disorganization	✓	✓			✓
Extreme economic and social deprivation	✓	✓	✓	✓	✓

Community domain risk and protective factors focus on the public environment in which the adolescent is living. When looking at the community domain, it is important to consider other factors beyond simply how members of a community interact with the youth of the community. Youth benefit from living in an area where neighbors and community members show concern for

them, offer them support, and give encouragement and praise. Youth benefit from living in a community that functions in a socially healthy manner. What is the community like? Are drugs and guns readily available? Is there an active presence of law enforcement officers in the community? Is the community lacking in economic resources? Do community members, businesses, or police turn a blind eye toward drug use and antisocial behaviors, or condone such behaviors? Is there a sense of community disorganization or do members of the community work together toward common goals?

All of these community issues, and more, play significant roles in shaping the behaviors of the youth who live within a particular community. By understanding how youth perceive their neighborhood, Arkansas communities can get a better sense of how they need to change in order to reduce the risk that youth will participate in problem behaviors.

Definitions of all community domain risk factors, as well as scale scores for the community domain are provided on the next pages. Table 2-1 shows the links between the community risk factors and the five problem behaviors. The check marks indicate where at least two well-designed, published research studies have shown a link between the risk factor and the problem behavior.

Community Domain Risk Factors

Availability of Drugs. As drugs become more available in a community, there is a higher risk that young people will abuse drugs in that community. Perceived availability of drugs is also associated with increased risk of ATOD use. For example, in schools where youth just think drugs are more available, a higher rate of drug use occurs.

Availability of Firearms. Firearm availability is directly linked to the probability of serious assault, suicide, and homicide. If a gun is present in the

home, it is much more likely to be used against a relative or friend than an intruder or stranger. Also, when a firearm is used in a crime or assault instead of another weapon or no weapon, the outcome is much more likely to be fatal. Most studies show a positive relationship between the presence of firearms and the probability of violent crime. Given the lethality of firearms, and the increased likelihood of conflict escalating into homicide when guns are present, firearm availability is included as a risk factor.

Community Laws and Norms Favorable to Drug Use, Firearms, and Crime. Community norms—the attitudes and policies a community holds about drug use and crime—are communicated in a variety of ways: through laws and written policies, through informal social practices, and through the expectations parents and other community members have of young people. When laws and community standards are favorable toward drug use or crime, or even if they are just unclear, youth are at higher risk.

Transitions and Mobility. Even normal school transitions predict increases in problem behaviors. When children move from elementary school to middle school, or from middle school to high school, increases in the rates of drug use, school misbehavior, and delinquency are measurable.

Communities with high rates of mobility appear to be linked to an increased risk of drug use and crime problems. The more often people in a community move, the greater the risk of both criminal behavior and drug-related problems in families. While some people find buffers against the negative effects of mobility by quickly making connections in new communities, others are less likely to have the resources to deal with the effects of frequent moves and are more likely to have problems.

Low Neighborhood Attachment and Community

Disorganization. Higher rates of drug problems, juvenile delinquency and violence occur in communities or neighborhoods where people have little

attachment to the community, where the rates of vandalism are high, and where there is low surveillance of public places. These conditions are not limited to low-income neighborhoods; they can also be found in wealthier neighborhoods. The less homogeneous a community (in terms of race, class, religion, and even the mix of industrial to residential neighborhoods), and the less connected its residents may feel to the overall community, the more difficult it is to establish clear community goals and identity. The challenge of creating neighborhood attachment and organization is greater in these neighborhoods.

Perhaps the most significant issue affecting community attachment is whether residents feel they can make a difference in their lives. If the key players in the neighborhood – merchants, teachers, police, and human services personnel – live outside the neighborhood, residents' sense of commitment will be less. Lower rates of voter participation and parental involvement in schools also indicate lower attachment to the community.

Extreme Economic Deprivation. Children who live in neighborhoods characterized by extreme poverty are more likely to develop problems with delinquency, violence, teen pregnancy, and school dropout. Children who live in these areas are also more likely to have problems with drugs later on. Please note that a scale has not been developed for this risk factor, and the APNA survey does not gather results for this risk factor.

Media Portrayals of Violence. The role of media violence on the behavior of viewers, especially young viewers, has been debated for more than three decades. Research over that time period has shown a clear correlation between media portrayal of violence and the development of aggressive and violent behavior. Exposure to violence in the media appears to have an impact on children in several ways: 1) children learn violent behavior from watching actors model that behavior; 2) they learn violent problem-solving strategies; and 3) media portrayals of violence appear to alter children's

attitudes and sensitivity to violence. Please note that a scale has not been developed for this risk factor, and the APNA survey does not gather results for this risk factor.

Community Domain Protective Factors

Community Opportunities for Prosocial Involvement and Community Rewards for Prosocial Involvement. Community Opportunities for Prosocial Involvement measures student perceptions on the ways that they can become positively involved in their community. For

example, youth sports teams, 4-H clubs, police Explorer organizations, and community service clubs are all examples of avenues through which youth could engage in prosocial community activity. Community Rewards for Prosocial Involvement measures the likelihood that youth feel that community members (e.g., neighbors, family friends) recognize, support, and encourage youth to be positively involved in the community. Both of these protective factors generally increase the likelihood that youth will not engage in antisocial behavior.

Table 2-2

Community Domain Risk and Protective Factor Scores																								
	Grade 6						Grade 8						Grade 10						Grade 12					
	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011
RISK FACTORS																								
Low Neighborhood Attachment	44.3	44.3	44.1	44.7	42.5	42.0	33.9	36.2	35.3	35.5	35.4	34.6	40.5	41.6	41.5	42.5	41.7	40.7	42.7	45.3	44.2	44.9	44.4	44.0
Community Disorganization	39.4	37.2	37.2	38.4	34.7	35.6	32.7	32.8	33.9	34.5	32.2	31.7	46.9	45.2	45.1	46.6	45.0	43.7	44.6	43.3	42.7	45.5	43.3	42.9
Transitions and Mobility	40.0	52.6	52.1	51.1	50.0	49.5	53.4	56.6	55.5	53.1	53.8	52.7	58.1	60.5	61.1	59.9	60.2	59.6	49.5	49.6	50.4	51.1	52.5	51.5
Laws & Norms Favor Drug Use	63.4	41.0	40.1	39.2	35.7	35.5	25.9	34.9	33.5	33.7	31.0	30.8	18.3	40.9	40.1	41.3	38.1	37.4	9.8	33.6	33.8	33.7	31.6	31.9
Perceived Availability of Drugs	24.4	22.4	23.7	22.7	18.9	18.8	29.0	27.6	26.9	25.7	22.9	23.0	42.9	38.9	37.5	36.3	33.9	33.0	48.9	45.8	44.3	42.5	40.1	39.5
Perceived Availability of Handguns	28.2	25.7	26.0	24.6	23.5	24.6	37.2	39.3	39.4	37.3	35.6	36.4	33.1	33.1	31.8	31.7	30.5	29.3	38.8	38.7	39.1	36.6	35.8	35.9
PROTECTIVE FACTORS																								
Opportunities for Prosocial Involvement	54.7	44.7	43.6	42.8	45.4	46.8	69.6	50.5	50.8	49.7	51.8	51.4	71.2	48.4	49.2	47.7	49.3	49.9	73.4	48.4	48.8	47.7	48.9	48.8
Community Reward for Prosocial Involvement	53.1	51.7	51.8	49.9	49.6	51.6	42.2	43.3	43.8	43.0	42.3	42.0	47.5	49.3	49.8	49.0	48.0	47.7	48.3	48.4	49.1	47.7	47.1	46.2

Figure 2-1

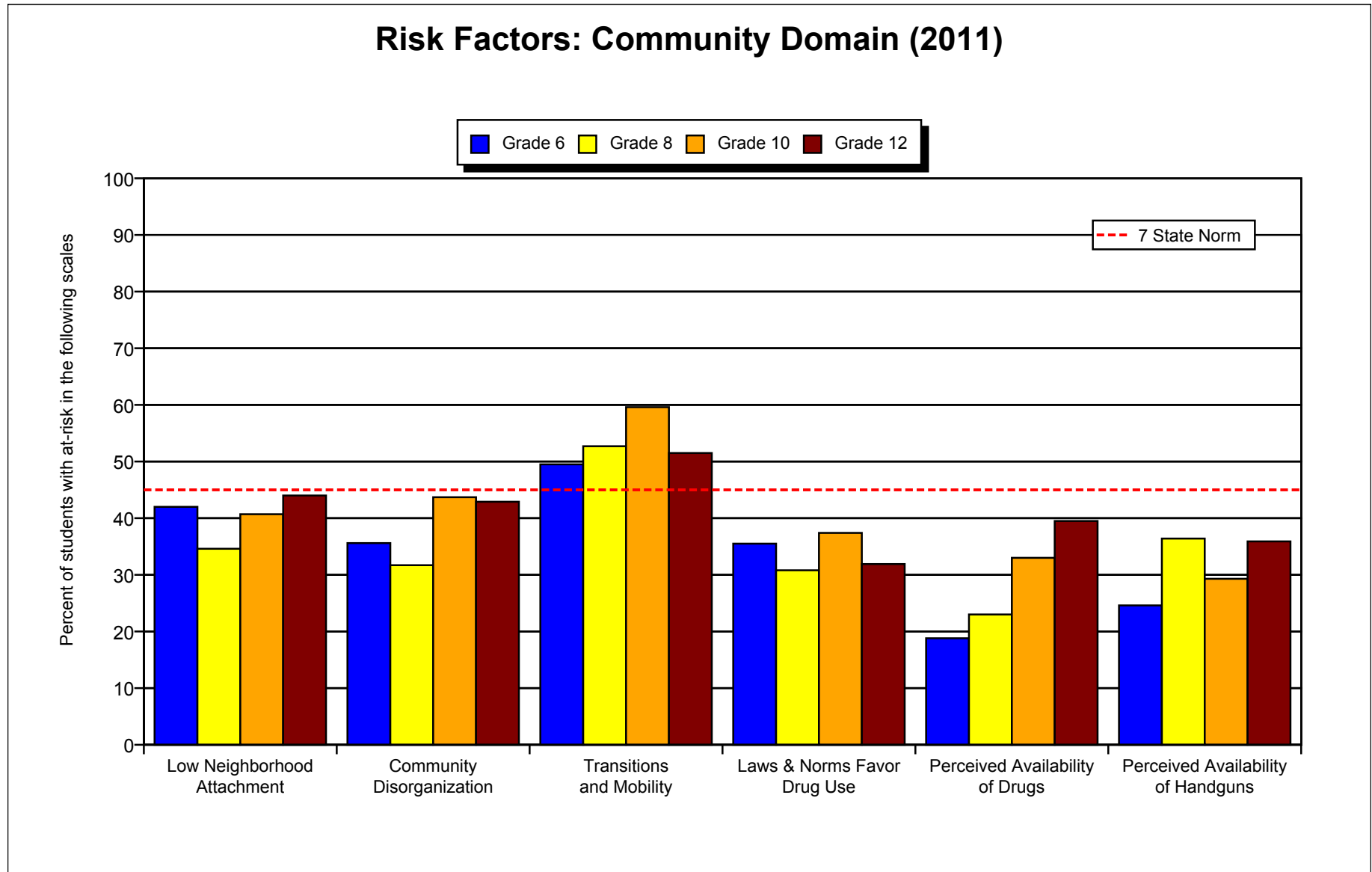
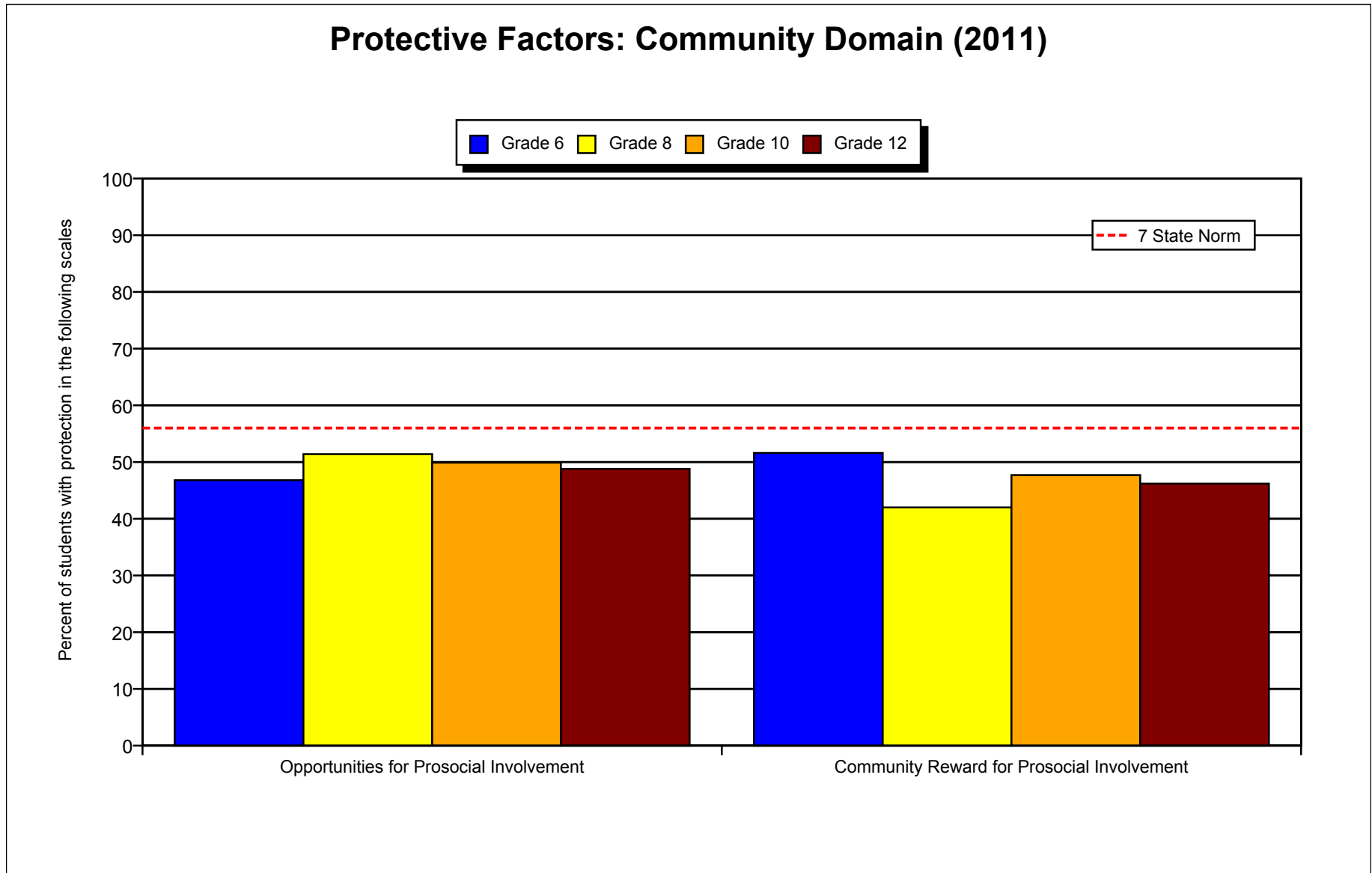


Figure 2-2



2.1.2 Family Domain Risk and Protective Factors

Table 2-3

Youth at Risk	Problem Behaviors				
	Substance Abuse	Delinquency	Teen Pregnancy	School Dropout	Violence
Family					
Family History of the Problem Behavior	✓	✓	✓	✓	✓
Family Management Problems	✓	✓	✓	✓	✓
Family Conflict	✓	✓	✓	✓	✓
Favorable Parental Attitudes and Involvements In the Problem Behavior	✓	✓			✓

For the family domain, one must consider more than parents' personal interaction with their children. Youth benefit from being bonded with their family and from belonging to a family in which their parents offer support, encouragement, and praise. Other important factors that can contribute to youth problem behaviors are whether or not the youth's parents or siblings have used substances, approve of the use of substances, or have participated in antisocial behaviors. If a youth's living situation is full of conflict (fights and arguments) and disorganization (lack of family communication or parents' not knowing the whereabouts or doings of their children), the youth is also at-risk for problem behaviors.

Definitions of all family domain risk factors, as well as scores for the family domain are provided on the following pages. Table 2-3 shows the links between the family risk factors and the five problem behaviors. The check marks indicate where at least two well-designed, peer-reviewed research studies have shown an association between the risk factor and the problem behavior.

Family Domain Risk Factors

Family History of Antisocial Behavior. If children are raised in a family with a history of addiction to alcohol or other drugs, the risk of the child having alcohol and other drug problems increases. If children are born or raised in a family with a history of criminal activity, their risk of juvenile delinquency increases. Similarly, children who are raised by a teenage mother are more likely to become teen parents, and children of dropouts are more likely to drop out of school themselves.

Poor Family Management. Poor family management practices include lack of clear expectations for behavior, failure of parents to monitor their children (knowing where they are and who they are with), and excessively severe or inconsistent punishment.

Family Conflict. Persistent, serious conflict between primary caregivers or between caregivers and children appears to enhance risk for children raised in these families. Conflict between family members appears to be more important than family structure. Whether the family is headed by two biological parents, a single parent, or some other primary caregiver, children raised in families high in conflict appear to be at risk for all of the problem behaviors.

Parental Attitudes Favorable to ATOD Use and Parental Attitudes Favorable to Antisocial Behavior. Parental attitudes and behavior toward drugs, crime, and violence influence the attitudes and behavior of their children. Parental approval of young people's moderate drinking, even under parental supervision, increases the risk of the young person using marijuana. Similarly, children of parents who excuse their children for breaking the law are more likely to develop problems with juvenile delinquency. In families where parents display violent behavior toward those outside or inside the family, there is an increased risk of that child becoming violent. Further, in families where parents involve children in their own drug or alcohol behavior, for example, asking the child to light the parent's cigarette or to get the parent a beer, there is an increased likelihood that their children will become drug abusers in adolescence.

Family Domain Protective Factors

Family Attachment. When children feel a strong, emotional attachment to their family, this serves as a powerful positive influence in their lives. Strong, positive family attachment can ameliorate the negative influences of numerous risk factors, including community and peer influences that otherwise would lead a child to involvement in problem behaviors.

Family Opportunities for Prosocial Involvement and Family Rewards for Prosocial Involvement. Family opportunities for prosocial involvement refer to the opportunities for positive, rewarding interactions between children and their families. The specifics of the opportunities can

Table 2-4

Family Domain Risk and Protective Factor Scores																								
	Grade 6						Grade 8						Grade 10						Grade 12					
	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011
RISK FACTORS																								
Poor Family Management	31.2	35.9	37.8	38.2	36.0	35.2	33.0	38.2	40.3	39.7	36.6	36.7	35.7	37.5	38.1	38.1	36.0	35.2	37.0	39.6	41.0	39.7	37.0	36.9
Family Conflict	33.1	36.2	39.2	40.5	36.0	35.0	42.4	47.6	49.5	49.1	46.7	46.2	37.3	39.4	39.3	40.8	39.5	38.3	34.7	35.4	36.7	38.6	37.2	37.0
Family History of Antisocial Behavior	33.0	34.9	35.8	35.3	33.3	33.1	34.4	37.1	37.1	35.4	33.8	33.8	39.6	40.8	40.4	40.4	38.5	37.0	36.2	37.7	37.9	39.1	37.5	36.3
Parent Attitudes Favor Antisocial Behavior	13.1	32.7	33.1	33.3	32.0	31.4	24.6	45.3	45.2	45.8	43.9	43.4	39.7	50.1	50.1	50.5	48.8	48.5	50.3	48.4	49.3	48.0	47.0	48.0
Parent Attitudes Favor Drugs Use	29.6	13.3	13.6	14.5	12.7	12.4	40.1	27.0	27.0	27.0	25.1	24.9	47.8	41.7	41.1	41.5	38.1	38.1	28.4	41.4	41.0	40.6	38.8	39.8
PROTECTIVE FACTORS																								
Family Attachment	45.3	57.0	57.6	54.4	55.6	56.4	45.1	52.6	53.3	52.2	52.6	52.9	40.0	45.3	45.7	44.0	44.9	45.8	51.0	56.2	55.7	54.6	54.9	54.4
Family Opportunities for Prosocial Involvement	49.5	62.1	61.8	59.2	61.0	61.9	54.2	63.9	62.9	62.4	64.1	64.9	49.1	55.1	55.7	54.5	56.6	57.4	50.5	55.6	55.1	54.1	56.3	55.9
Family Rewards for Prosocial Involvement	43.1	55.8	56.3	53.5	55.3	55.3	53.7	64.2	63.8	63.4	63.1	64.0	48.0	54.7	55.2	54.1	54.1	54.6	48.6	54.4	54.6	52.9	53.4	52.6

Figure 2-3

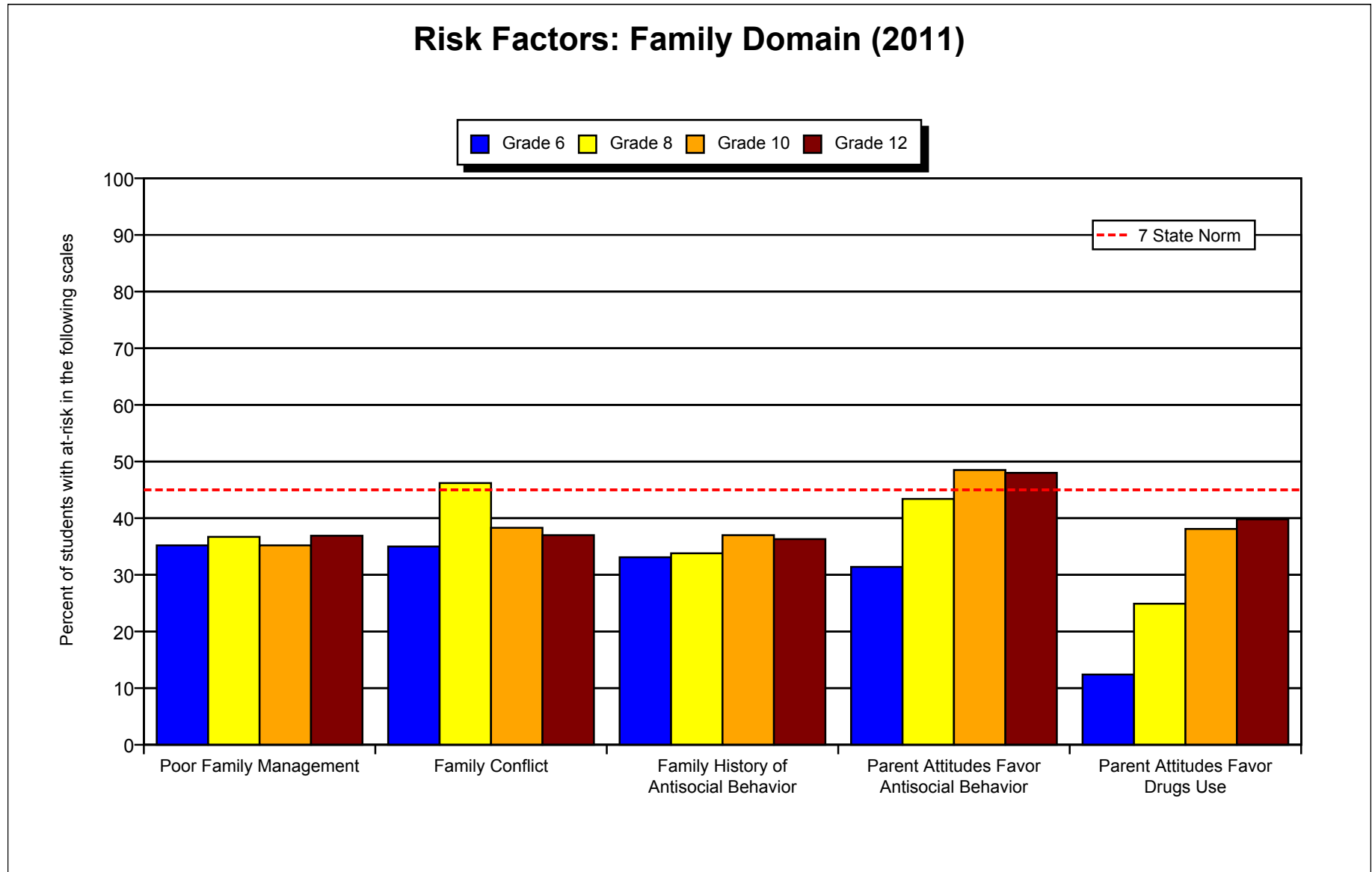
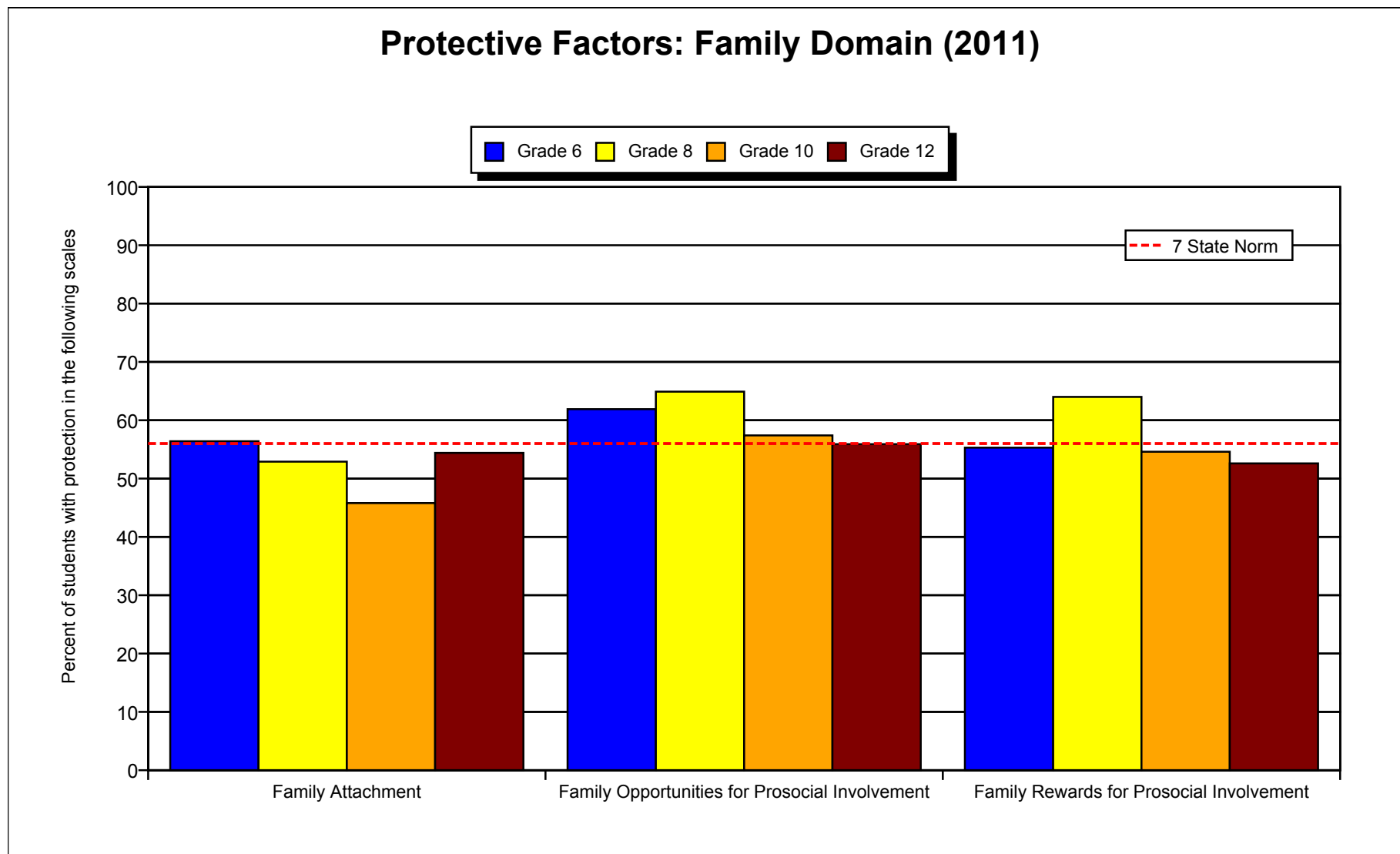


Figure 2-4



vary enormously, making measurement of this protective factor difficult, but examples include family outings that the children find rewarding, positive family rituals around holidays, and positive behavioral interaction between the adult caregivers and the children. Rewards for prosocial involvement are different, in that it is the contingencies the child experiences in the family for acting in a prosocial manner. For example, rewarding the child for behavior such as helping siblings with a task, completing assigned chores on time, or following family rules will reinforce that behavior, which in turn leads to numerous positive benefits.

2.1.3 School Domain Risk and Protective Factors

Table 2-5

Youth at Risk	Problem Behaviors				
	Substance Abuse	Delinquency	Teen Pregnancy	School Dropout	Violence
School					
Poor Academic Achievement	✓	✓	✓	✓	✓
Low School Commitment	✓	✓	✓	✓	✓

In the school domain, the early years are important for creating or decreasing the level of risk for children. Academic failure in elementary school puts children at risk for substance use, delinquency, teen pregnancy, school drop out, and violence later in life. It appears that the experience of failure, not necessarily the student's ability, increases the risk of problem behaviors. Further, a

child with early and persistent antisocial behavior is at risk for substance use and other problems later in life.

These two risk factors (academic failure and early engagement in antisocial behavior) indicate that prevention programs should begin early in a student's schooling. Programs that can effectively target the needs of the school population will help to decrease the level of risk, thereby decreasing problem behaviors later in school. The Arkansas data will help schools target the problem behaviors and student populations that are at the greatest need for services.

As with the community and family domains, school domain protective factors buffer against the effects of risk factors and increase protection. When youth have healthy relationships with their teachers, when they feel as if they are able to play an active role in their classes and in their school, and when they receive encouragement and support, they are more bonded to their school and their commitment to school is less likely to falter.

Table 2-5 shows the links between the school risk factors and the five problem behaviors. The check marks indicate where at least two well-designed, peer-reviewed research studies have shown an association between the risk factor and the problem behavior.

School Domain Risk Factors

Low School Commitment. Lack of commitment to school means the young person has ceased to see the role of student as a viable one. Young people who have lost this commitment to school are at higher risk for all five problem behaviors.

Poor Academic Achievement. The measurement of poor academic achievement is based on students' self-reports of their school grades. Poor

achievement in school operates in numerous ways to limit students' future opportunities.

School Domain Protective Factors

School Opportunities for Prosocial Involvement and School Rewards for Prosocial Involvement. Comparable to family opportunities and rewards, school opportunities for prosocial involvement refers to the students' perception that there are numerous rewarding prosocial activities that they can participate in within the school environment. The ability of

the student to engage in prosocial opportunities at school is important to keeping the student engaged and involved with school. That, of course, leads to a cascade of other positive consequences in the student's life. Rewards for prosocial involvement are also analogous to family rewards for prosocial involvement. In this domain, the issue is whether the school environment actively reinforces the student's prosocial behavior (appropriate conduct, dress, interaction with others). School environments that positively reinforce appropriate behavior can significantly increase the success of their school as well as help the individual student succeed.

Table 2-6

School Domain Risk and Protective Factor Scores																								
	Grade 6						Grade 8						Grade 10						Grade 12					
	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011
RISK FACTORS																								
Academic Failure	37.2	44.2	42.9	42.6	42.2	40.6	43.7	47.0	44.9	44.6	43.0	42.0	46.7	48.5	47.5	46.4	45.5	43.8	41.6	41.3	41.2	39.6	39.7	37.3
Low Commitment to School	50.9	42.0	42.9	42.0	40.1	38.3	31.4	35.3	35.4	35.1	34.0	33.2	31.2	39.5	38.1	38.7	38.0	37.7	38.3	42.2	42.2	40.6	40.9	41.0
PROTECTIVE FACTORS																								
Opportunities for Prosocial Involvement	44.9	49.2	48.1	48.3	47.8	49.1	63.0	66.5	67.3	67.3	65.3	66.3	60.1	65.3	65.4	64.6	65.4	65.6	61.8	65.2	65.1	66.1	66.3	66.2
Rewards for Prosocial Involvement	56.0	58.9	58.5	56.1	56.8	57.9	55.3	56.1	57.1	56.1	56.2	56.3	62.7	64.5	64.9	64.5	65.5	64.9	49.1	50.0	49.6	49.4	51.2	50.4

Figure 2-5

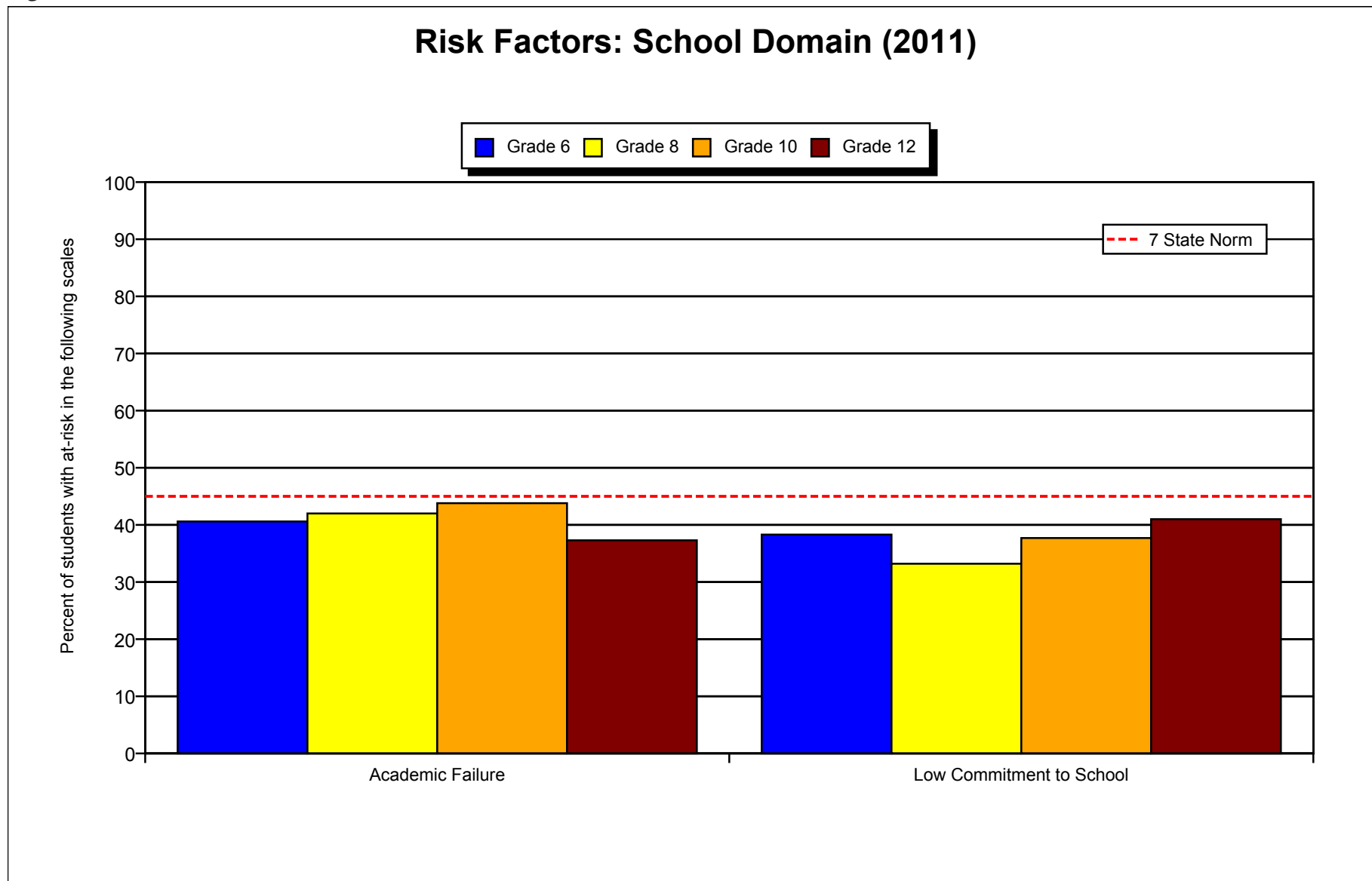
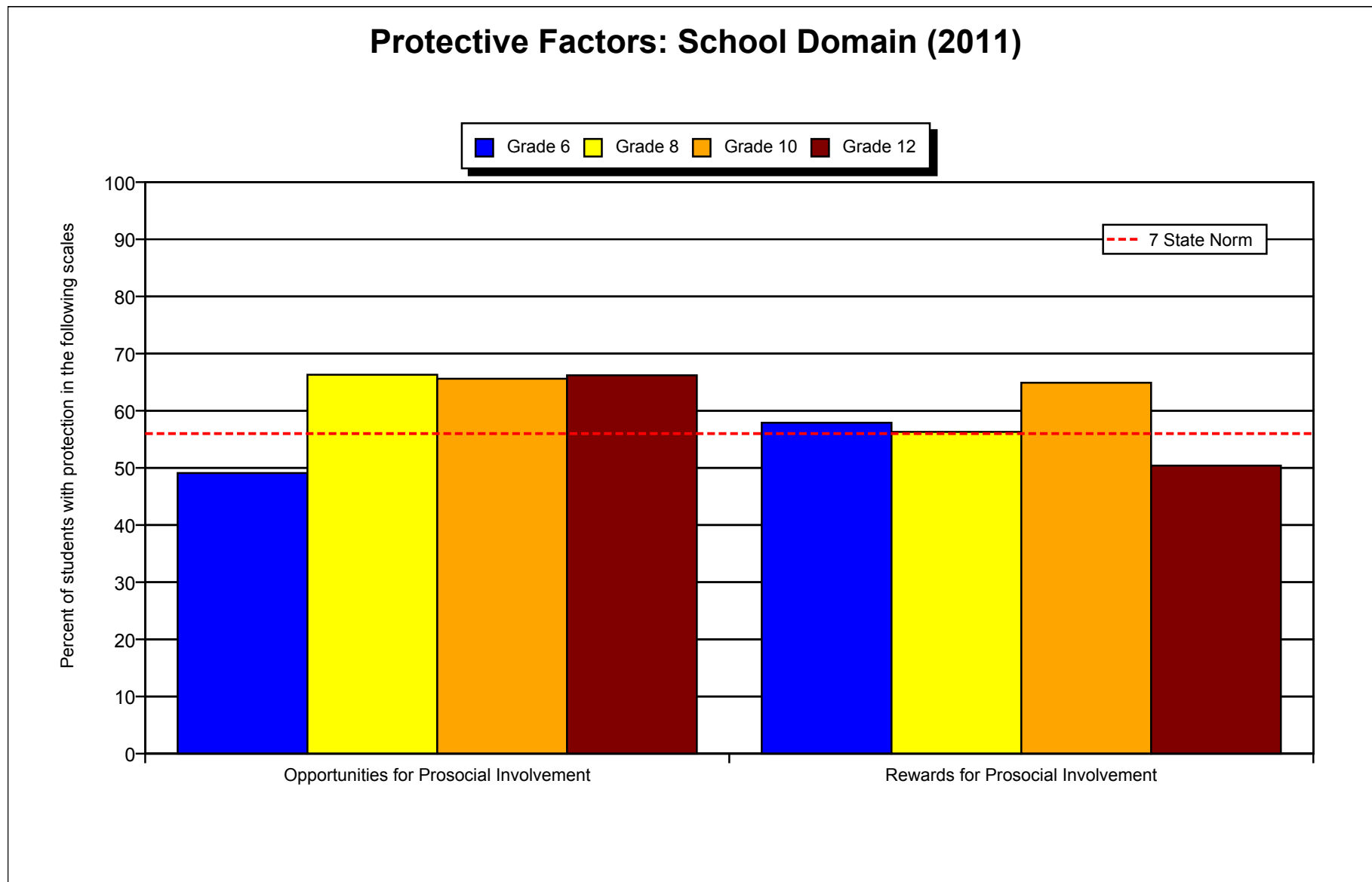


Figure 2-6



2.1.4 Peer-Individual Domain Risk and Protective Factors

Table 2-7

Youth at Risk	Problem Behaviors				
	Substance Abuse	Delinquency	Teen Pregnancy	School Dropout	Violence
Peer-Individual					
Early and Persistent Antisocial Behavior	✓	✓	✓	✓	✓
Rebelliousness	✓	✓		✓	
Friends Who Engage In a Problem Behavior	✓	✓	✓	✓	✓
Gang Involvement	✓	✓			✓
Favorable Attitudes Toward the Problem Behavior	✓	✓	✓	✓	
Early Initiation of the Problem Behavior	✓	✓	✓	✓	✓
Depressive Symptoms	✓	✓			
Intention to Use ATODs	✓				
Constitutional (Biological) Factors	✓	✓			✓

The fourth domain, peer-individual, addresses peer influence as well as factors that spring from the individual. Youth are at-risk for problem behaviors when they have friends who engage in unfavorable behaviors or when they have friends who have favorable attitudes toward these behaviors (i.e., it is seen as “cool”). In addition, youth are at-risk for problem behaviors when they are depressed, rebellious, or feel alienation. Other constitutional (that is, biological) factors also play a part in whether or not a student is at risk for ATOD use or antisocial behaviors.

Definitions of all peer/individual domain risk and protective factors, as well as a description of individual characteristics, bonding, and healthy beliefs and clear standards, are presented in this section. Table 2-7 shows the links between the peer/individual risk factors and the five problem behaviors. The check marks indicate where at least two well-designed, peer-reviewed research studies have shown an association between the risk factor and the problem behavior.

Peer-Individual Domain Risk Factors

Rebelliousness. Young people who feel they are not part of society, are not bound by rules, don’t believe in trying to be successful or responsible, or who take an active rebellious stance toward society, are at higher risk of drug abuse, delinquency, and school dropout.

Early Initiation of Drug Use. The earlier young people begin using drugs, committing crimes, engaging in violent activity, becoming sexually active, and dropping out of school, the greater the likelihood that they will have problems with these behaviors later on. For example, research shows that young people who initiate drug use before 15 years of age are at twice the risk of having drug problems as those whose initial use is after 19 years of age.

Early Initiation of Antisocial Behavior. Boys who are aggressive in grades K-3 are at higher risk for substance abuse and delinquency. When a boy’s aggressive behavior in the early grades is combined with isolation or withdrawal, there is an even greater risk of problems in adolescence. This increased risk also applies to aggressive behavior combined with hyperactivity or attention deficit disorder.

This risk factor also includes persistent antisocial behavior in early adolescence, like misbehaving in school, skipping school, and getting into fights with other children. Young people, both girls and boys, who engage in these behaviors during early adolescence are at increased risk for drug abuse, delinquency, teen pregnancy, school dropout, and violence.

Favorable Attitudes Toward Antisocial Behavior. Favorable attitudes toward antisocial behavior can take the form of approval of the behavior, a desire to participate, or approval of others who engage in the behavior. Any of these specific attitudes are known to directly lead to greater involvement in antisocial behavior.

Favorable Attitudes Toward Drug Use. Favorable attitudes toward drug use can take the form of approval of the use of substances in general, or in the use of a specific substance, a desire to participate in drug use, or approval of others who engage in the behavior. Any of these specific attitudes are known to directly lead to greater involvement in drug use.

Intentions to Use. Many prevention programs focus on reducing the intention of participants to use ATODs later in life. Reduction of intention to use ATODs often follows successful prevention interventions.

Perceived Risks of Drug Use. When students perceive that drug use carries significant personal risk, they are less likely to engage in use. Perceived risk has been recognized for decades as a significant predictor of drug use, and student beliefs about drug-related risk have been well-measured since the 1970s. The perceived risks are influenced by a number of cultural- and peer-related factors, which can either increase or decrease the perceived risk.

Interaction with Antisocial Peers. Research has demonstrated that youth who associate with peers who engage in problem behaviors are much

more likely to engage in the same problem behaviors. Even when young people come from well-managed families and do not experience other risk factors, just hanging out with those who engage in problem behaviors greatly increases their risks. However, young people who experience a low number of risk factors are less likely to associate with those who are involved in problem behaviors.

Friends' Use of Drugs. Modeling of peer behavior is part of the adolescent experience. When a significant proportion of the student's friends are using drugs, especially without any apparent negative consequences, this leads to an increased likelihood of drug involvement.

Sensation Seeking. Constitutional factors have a biological or physiological basis. These factors are often seen in young people with behaviors such as sensation-seeking, low harm-avoidance, and lack of impulse control. These factors appear to increase the risk of young people abusing drugs, engaging in delinquent behavior, and/or committing violent acts.

Rewards for Antisocial Involvement. Adolescents will have opportunities to become involved with various student subgroups, some of whom will support and promote antisocial behavior. If the student is involved with peers who positively reinforce the student for their antisocial behavior, this increases the likelihood of further involvement in problem behavior.

Gang Involvement. Youth who belong to gangs are more at-risk for antisocial behavior and drug use. Gang membership has been linked to violence, shootings, destruction of public property, and involvement in other illegal behaviors including distribution of drugs.

Depressive Symptoms. Young people who are depressed are more frequently involved in the criminal justice system and are more likely to use drugs. When depressed, youth have difficulty in identifying and engaging in

pro-social activities. They consequently do not gain recognition for demonstrating positive behaviors or do not develop attachments to their schools or communities. In the 2011 APNA survey, youth who scored highest on the items measuring depressive symptoms also scored significantly higher on all of the drug use questions.

Peer-Individual Domain Protective Factors

Religiosity. Involvement with a faith community protects the adolescent from involvement in problem behaviors.

Social Skills. Social skills—the ability to successfully and positively interact with others—are known to facilitate life success in a number of ways. Students are frequently faced with social situations in which they can either become involved with or avoid problem behaviors. Having good social skills, which allows youth to navigate these situations without negative social consequences, is known to predict healthy development.

Belief in the Moral Order. This protective factor measures the student's commitment to a common body of ethical and moral precepts generally accepted by all members of a society. For example, questions ask about the student's commitment to not stealing, cheating, and to being honest with others. Commitment to a shared ethical system binds the youth to the culture, promotes prosocial involvement, and reduces the likelihood that the student will become involved in antisocial behavior.

Prosocial Involvement. There are a number of ways that adolescents can be involved with their peers in prosocial activities. The list of potential activities is virtually limitless (which makes this protective factor difficult to measure), but not all adolescents avail themselves of the opportunities. When they do, involvement in prosocial activities is known to increase the likelihood that they will remain drug-free.

Rewards for Prosocial Involvement. Peer relationships can reward the adolescent for prosocial involvement. Those that do are known to increase the extent of the adolescent's prosocial involvement, and consequently have a beneficial effect in helping the adolescent avoid problem behaviors.

Involvement with Prosocial Peers. As might be expected, when adolescents are involved with prosocial peers, numerous positive effects are seen. They are more likely to engage in prosocial activities, be rewarded for those activities, and have a greater personal commitment to not engaging in problem behaviors.

Table 2-8

Peer/Individual Domain Risk and Protective Factor Scores																								
	Grade 6						Grade 8						Grade 10						Grade 12					
	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011
RISK FACTORS																								
Rebelliousness	47.0	46.8	47.4	44.6	42.3	40.2	36.9	38.1	38.7	36.8	35.4	33.8	46.0	44.6	44.7	44.5	43.6	42.2	42.5	43.0	43.3	41.5	40.0	39.9
Early Initiation of Antisocial Behavior	25.7	25.9	25.8	26.8	24.2	23.5	35.9	37.3	37.4	37.8	34.3	33.1	41.4	40.6	41.3	41.7	39.1	36.8	40.1	39.1	40.0	40.6	38.3	36.8
Early Initiation of Drug Use	29.2	25.4	26.4	25.8	21.7	20.3	16.3	28.7	28.1	26.7	23.2	22.4	34.4	32.4	30.9	30.8	27.6	25.5	55.4	33.0	31.4	30.8	28.7	27.7
Attitudes Favorable to Antisocial Behavior	37.4	37.5	38.9	39.2	38.3	36.7	32.3	33.3	33.3	34.3	32.7	32.2	42.8	41.7	41.5	42.3	41.9	40.5	39.7	39.0	39.8	39.3	38.0	37.7
Attitudes Favorable to Drug Use	19.9	17.9	18.0	18.0	15.6	15.1	23.5	22.8	22.5	23.0	21.2	21.4	35.2	33.1	32.8	34.1	32.4	32.2	33.1	32.9	32.9	32.6	32.2	32.8
Perceived Risk of Drug Use	31.7	32.6	32.2	33.1	33.3	33.9	36.1	36.4	36.3	37.7	36.8	37.7	36.1	34.6	35.2	37.2	37.4	38.7	40.7	41.6	41.2	43.1	43.7	45.3
Interaction with Antisocial Peers	37.8	38.9	38.7	40.1	39.0	38.8	49.5	50.6	51.5	51.7	48.5	48.1	52.9	52.1	52.6	52.2	50.4	48.5	49.3	49.4	50.4	49.2	47.3	46.6
Friends' Use of Drugs	22.9	20.6	21.3	21.2	19.2	18.1	39.8	30.8	31.2	30.7	28.4	28.1	48.3	33.1	33.3	33.9	31.4	30.2	46.9	31.0	31.1	30.5	28.0	29.0
Sensation Seeking	53.5	50.6	49.3	48.9	44.9	44.9	50.1	49.6	50.1	50.0	44.3	44.6	50.2	48.4	48.3	48.6	44.0	43.0	51.1	50.5	51.3	49.1	45.5	45.1
Rewards for Antisocial Behavior	23.5	22.1	23.7	23.7	24.2	23.9	36.8	37.4	38.6	38.6	36.0	37.2	41.9	41.3	40.2	41.6	42.7	42.8	54.1	54.8	55.0	54.5	55.1	56.6
Depression Scale	40.1	39.5	39.6	39.1	38.0	38.1	43.6	44.1	43.6	43.1	42.8	41.7	45.9	46.2	45.1	45.6	46.0	44.1	41.0	40.4	40.2	40.9	41.3	39.6
Intention to Use	36.2	35.3	37.4	37.7	36.5	35.9	26.7	26.4	27.2	27.7	26.5	26.8	40.2	38.3	38.3	40.1	39.4	39.8	28.7	28.7	29.4	29.9	30.1	30.7
Gang Involvement	9.8	20.2	20.6	19.9	19.5	18.5	9.7	21.5	22.7	21.0	18.8	17.0	9.6	25.7	26.3	26.7	26.3	24.4	5.8	22.7	23.0	23.8	25.7	25.2
PROTECTIVE FACTORS																								
Religiosity	65.3	63.7	63.0	60.9	61.1	62.3	68.0	68.0	67.5	66.6	67.3	67.0	65.0	64.9	66.1	65.3	64.2	65.3	59.7	86.1	85.7	86.0	85.3	85.2
Social Skills	82.3	71.0	70.5	69.0	70.1	72.3	83.1	66.9	66.6	66.7	69.2	70.7	75.3	57.4	58.6	57.9	61.2	62.2	86.1	67.4	67.6	68.5	70.8	70.4
Belief in Moral Order	67.5	65.0	63.9	61.3	63.3	64.8	57.2	64.4	64.1	63.9	64.8	66.2	83.2	66.5	66.9	65.7	67.2	68.3	72.6	51.4	50.8	51.1	52.6	53.8
Interaction with Prosocial Peers	83.7	56.7	56.1	55.8	57.3	59.3	86.2	65.3	65.2	64.6	65.3	65.4	86.7	63.3	63.9	62.4	62.6	63.5	86.7	60.5	61.0	60.7	61.0	59.4
Prosocial Involvement	44.7	43.2	43.8	43.0	42.1	44.4	48.8	47.6	48.0	47.3	45.9	47.6	48.3	49.1	48.9	49.4	47.1	49.3	42.6	43.5	43.2	44.3	43.0	42.9
Rewards for Prosocial Involvement	62.1	63.2	61.9	62.0	64.0	66.1	68.1	69.8	68.5	69.4	71.1	71.8	62.5	64.1	65.8	66.6	66.9	68.1	53.9	53.9	54.4	56.1	56.5	57.4

Figure 2-7

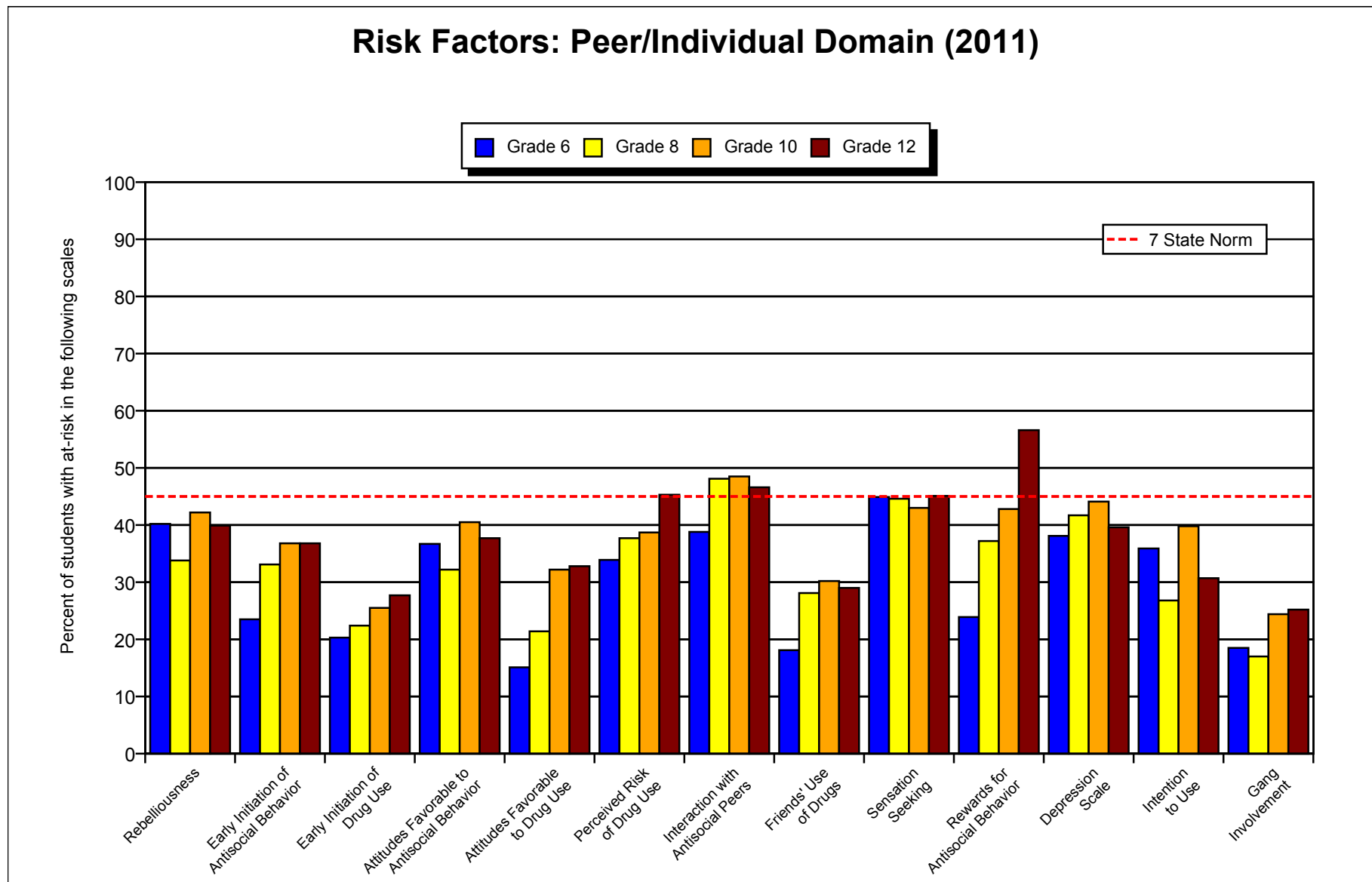
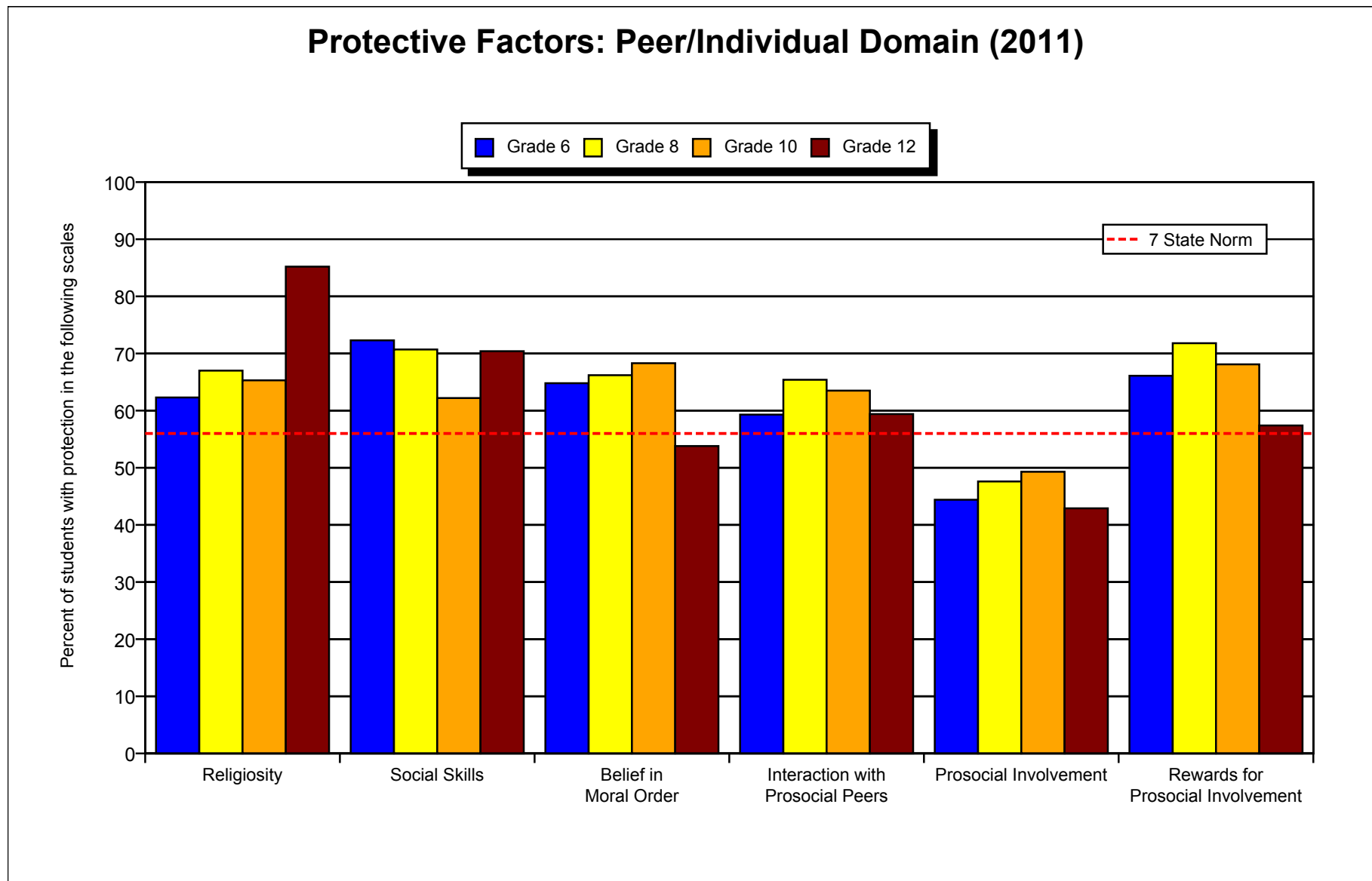


Figure 2-8



2.2 Risk and Protective Factor Results for Arkansas Students

2.2.1 Overview of Findings from the 2011 APNA

Risk Factors

In comparison to the national norm, risk factor scores for Arkansas youth in all four domains are generally lower, which is a good thing. Those risk factors that were elevated for Arkansas students were: Transitions and Mobility (54.0%), Interaction with Antisocial Peers (45.9%). On many other risk factors, Arkansas students had notably lower risk scores. These included: Perceived Availability of Drugs (27.7%), Parental Attitudes Favorable to Drug Use (27.2%), Friends' Use of Drugs (26.3%), Early Initiation of Drug Use (24.8%), Peer Favorable Attitudes to Drug Use (24.2%) and Gang Involvement (22.0%).

In general, the grade level changes were as expected. For many risk factor scales the levels of risk most often increase with increasing age and peak in the 10th or 12th grades. For example, in the Rewards for Antisocial Behavior risk scale, 23.9% of 6th graders, 37.2% of 8th graders, 42.8% of 10th graders, and 56.6% of 12 graders were at risk. The jump in risk from grade 6 to grade 8 is similar to the jump in drug and alcohol use that usually occurs during that time frame. Another example is Parental Attitudes Favorable to Antisocial Behavior. In the 6th grade only 31.4% of students are elevated on this risk factor, but this increases to nearly 50% in both the 10th and 12th grades.

However, for many other risk factors, there is only limited progression with age, if any. Laws and norms favorable to drug use actually decline from 6th to 12th grade in Arkansas students. So it is not inevitable that students will increase in their number of elevated risk factors as they progress through adolescence.

For Arkansas students, two unusual grade-related findings can be noted. For Transitions and Mobility, 10th grade students were higher than the other grade levels, at 59.6%. Also, for Family Conflict, 8th grade students were notably higher than the other grades at 46.2%.

Protective Factors

In general, Arkansas students show a high number of protective factors, and they compare favorably to the national norm. Arkansas students are most elevated on Religiosity (68.1%), Social Skills (67.9%), Peer Rewards for Prosocial Involvement (64.6%), Belief in a Moral Order (62.7%), Interaction with Prosocial Peers (61.5%), School Opportunities for Positive Involvement (60.4%), and Family Opportunities for Social Involvement (59.9%). They were lowest on Community Rewards for Prosocial Involvement (46.7%) and Peer Prosocial Involvement (44.5%).

Section 3: Substance Use Outcomes

This section reports the use of alcohol, tobacco, and other drugs by Arkansas youth. A number of important topics are investigated by the APNA, including experimentation, current use, heavy use, and a variety of contextual factors such as the location of use and student and parent attitudes toward ATOD use.

3.1 Introduction to the Measurement of Substance Use Outcomes

3.1.1 Substances and Prevalence Periods That Are Measured in the APNA Survey

The APNA measures the prevalence of 15 substances in Arkansas youth. The specific substances, and their measured prevalence periods, are shown in Table 3-1. With the exception of alcopops, which was first reported in 2009, all other substances have been routinely measured by the APNA since its inception, providing long-term trend data for policy and planning purposes. These substances are also routinely measured in national surveys, including the Monitoring the Future Survey (MTF), which has been conducted since 1976 and is used to provide a national comparison for the APNA's findings.

Lifetime use is recorded when a student reports that they have used a substance at least once in their lifetime. Lifetime use is typically viewed as the best measure of youth experimentation with alcohol, tobacco, and other drugs. Past 30-day use is recorded when youth report that they have used a substance at least once in the past 30 days. Past 30-day use is typically viewed as the best measure of the ongoing use of alcohol, tobacco, and other drugs. For alcohol use only, binge drinking is measured using a two-week prevalence period.

3.1.2 Comparison Groups

In this report there are seven major comparisons on which the presentations of the results are based. First, 2011 findings are compared to the most recent findings of the MTF. As mentioned earlier, MTF is one of the primary national surveys on adolescent ATOD use and other problem behaviors and is considered the “gold standard” regarding national assessment of adolescent substance use. One limitation of the MTF survey is that data are collected only on 8th, 10th, and 12th grade students.

Table 3-1 Substances and Prevalence Period Measured

DRUG	PREVALENCE PERIOD
Alcohol	Lifetime, Past 30 Days, Binge in Past Two Weeks
Cigarettes	Lifetime, Past 30 Days
Smokeless Tobacco	Lifetime, Past 30 Days
Marijuana	Lifetime, Past 30 Days
Inhalants	Lifetime, Past 30 Days
Hallucinogens	Lifetime, Past 30 Days
Cocaine	Lifetime, Past 30 Days
Methamphetamines	Lifetime, Past 30 Days
Stimulants	Lifetime, Past 30 Days
Sedatives	Lifetime, Past 30 Days
Ecstasy	Lifetime, Past 30 Days
Heroin	Lifetime, Past 30 Days
Prescription Drugs	Lifetime, Past 30 Days
Over-the-Counter Drugs	Lifetime, Past 30 Days
Alcopops	Lifetime, Past 30 Days
Any Drug	Lifetime, Past 30 Days

The 2011 APNA findings are also compared against previous APNA findings from 2006-2010. Long-term trend data are one of the most valuable resources for policy makers and prevention planners in regard to ATOD prevention efforts. Annual collection of APNA data gives tools to Arkansas prevention providers that are not always available in other states.

3.2 Age of Initiation

Arkansas youth were asked to report when, if ever, they first used ATODs. In calculating the average age of initiation, only data from those youth who had indicated they had used the substance were taken into account. As a result, the number of students included in these analyses is a fraction of those included in the other analyses.

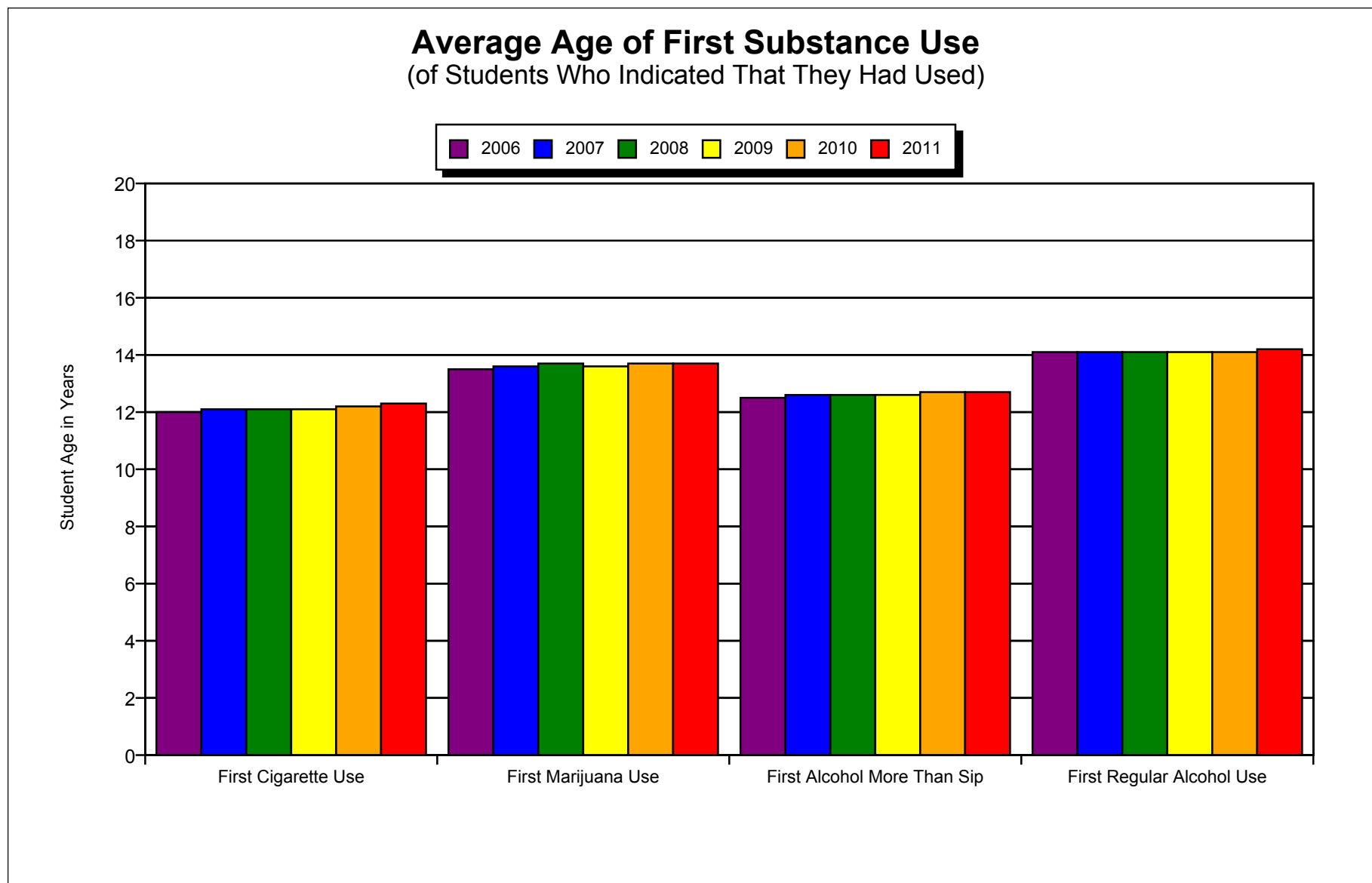
Table 3-2 shows that youth begin using cigarettes before any other substance. Of the youth who had used cigarettes, the average age of first use was 12.3 years. A period of about 18 months separates the age of when the student reported first having more than a sip or two of alcohol and the first regular alcohol use, with the first use beyond a sip occurring at 12.7 years, and the first regular use of alcohol at 14.2 years. Of the youth who had used marijuana, the average age of first use was 13.7 years which was the same age reported in 2010.

First regular alcohol use age increased slightly to 14.2 for 2011. Comparing 2006 results to this year's survey, the largest differences occur in first cigarette use (12.0 years in 2006 vs. 12.3 years in 2011) and first marijuana use (13.5 in 2006 vs. 13.7 in 2011). In both cases, students are waiting longer to try these substances; this could be indicative of a positive effect of prevention programming.

Table 3-2

Drug Used	Age of Initiation					
	Average Age of First Use					
	(Of Students Who Indicated That They Had Used)					
	2006	2007	2008	2009	2010	2011
First Cigarette Use	12.0	12.1	12.1	12.1	12.2	12.3
First Marijuana Use	13.5	13.6	13.7	13.6	13.7	13.7
First Alcohol More Than Sip	12.5	12.6	12.6	12.6	12.7	12.7
First Regular Alcohol Use	14.1	14.1	14.1	14.1	14.1	14.2

Figure 3-1



3.3 Lifetime ATOD Use

3.3.1 Arkansas Results Compared to National Results

Lifetime use is recorded when a student reports that they have used a substance at least once in their lifetime. Lifetime use is typically viewed as the best measure of youth experimentation with alcohol (38.2% have used at least once), cigarettes (24.6%), smokeless tobacco (14.1%), marijuana (15.2%), and inhalants (9.9%). In each case, reported rates have declined since 2010 APNA results with the exception of marijuana which increased.

Overall, youth in Arkansas report rates of decline in ATOD use over the last several years that generally mirror the national sample. Tables 3-3 and 3-4, and Figure 3-2, show the lifetime ATOD use by Arkansas 8th, 10th, and 12th grade participants and compares it to MTF participants. Alcohol is by far the most frequently reported substance by Arkansas students. Lifetime prevalence of alcohol ranged from 12.9% for 6th graders to 65.9% for 12th grade students. Yet, fewer of Arkansas' 8th, 10th and 12th graders reported alcohol use than the MTF reports. (Table 3-4)

Compared to the national sample, Arkansas youth reported substantially less lifetime use in marijuana, LSD/hallucinogens, cocaine, stimulants, and ecstasy. However, Arkansas students reported higher lifetime experience with cigarettes and smokeless tobacco and 8, 10, and 12th graders reported considerably greater use of sedatives compared to MTF reports for each of these grades. (Table 3-4)

Table 3-3 Difference in lifetime prevalence rates on directly comparable measures between Arkansas students and MTF 2011 findings.

Grade Level	Alcohol	Cigarettes	Smokeless Tobacco	Marijuana	LSD/Hallucinogens	Cocaine	Inhalants	Sedatives	Methamphetamines	Stimulants	Heroin/Opiates	MDMA/Ecstasy
8th	-0.8%	2.7%	2.7%	-7.2%	-1.1%	-1.4%	-1.5%	4.8%	-0.5%	-4.3%	-0.6%	-1.8%
10th	-2.6%	2.6%	3.0%	-11.0%	-0.9%	-1.6%	1.8%	6.8%	-0.6%	-6.3%	-0.3%	-4.1%
12th	-4.1%	4.1%	6.9%	-10.6%	-0.5%	-2.3%	1.3%	7.0%	-0.2%	-7.1%	0.3%	-3.9%

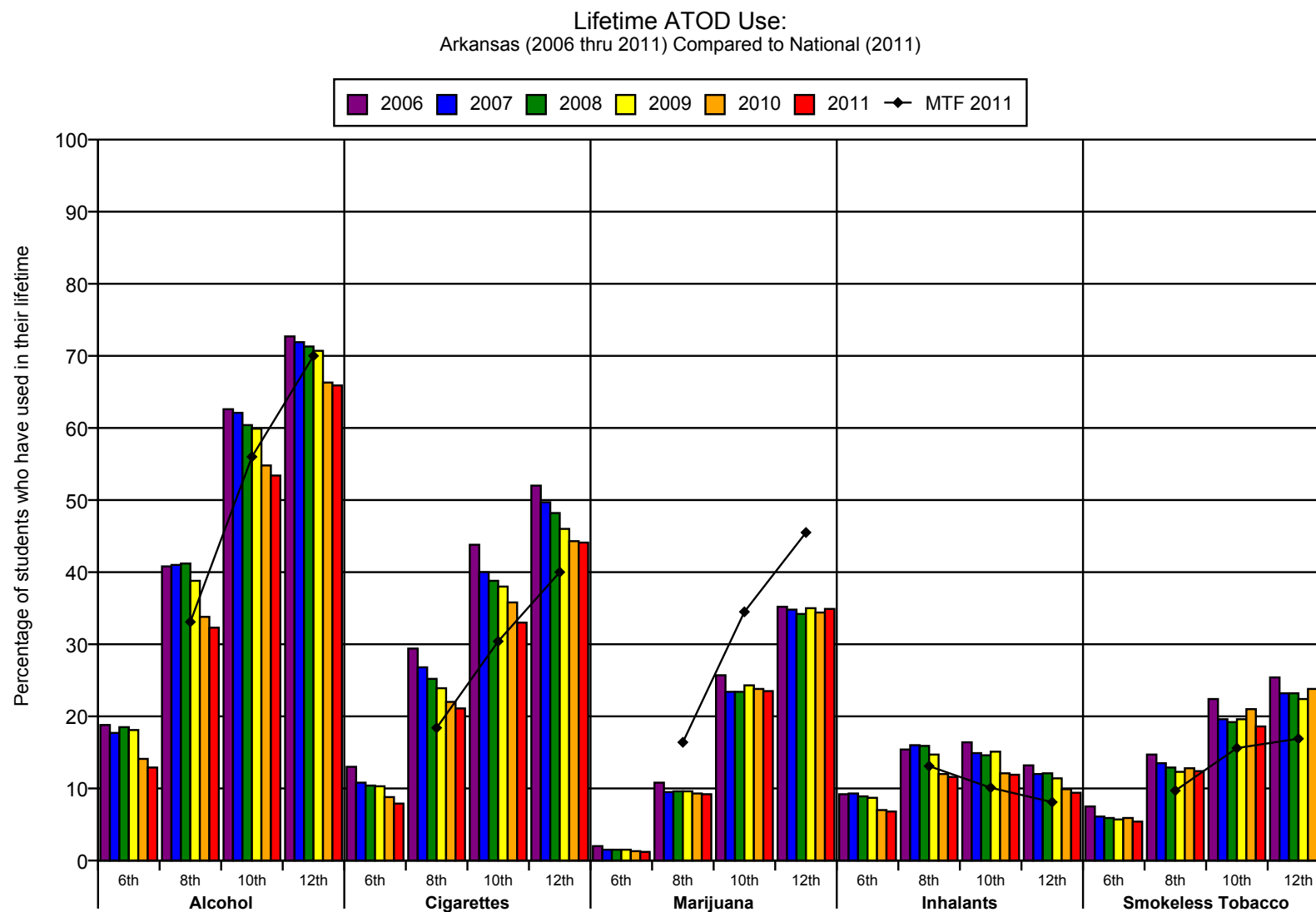
Values above 0 (pink background) indicate Arkansas use above MTF value. Values below 0 (green background) indicate Arkansas use below MTF findings.

3.3.2 2011 Results Compared to Previous Years' Results

Since the 2006 APNA survey, lifetime use of most substances by Arkansas youth has decreased, sometimes dramatically. Table 3-4 and Figure 3-2 show the long-term trend for lifetime prevalence for the most important ATOD substances for Arkansas students. The parallel trend for MTF is also shown. In general, the 2011 data show a continuing long-term reduction in ATOD experimentation by Arkansas youth.

While Table 3-4 shows that the long-term trend has been positive since 2006, this downward trend continues between 2010 and 2011 data for all grade levels although decreases are more moderate in 2011 than those found in 2010. Decreases ranged from 0 % to 0.9% with the largest decreases found in cigarettes, alcohol and smokeless tobacco. Marijuana showed a small increase from 14.9% to 15.2%.

Figure 3-2



MTF=Monitoring the Future, a national survey of 8th, 10th and 12th graders.

Table 3-4

Percentage of Arkansas Respondents Who Used ATODs During Their Lifetime by Grade																																	
Drug Used	Arkansas Grade 6						Arkansas Grade 8						MTF Grade 8	Arkansas Grade 10						MTF Grade 10	Arkansas Grade 12						MTF Grade 12	Total					
	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2011	2006	2007	2008	2009	2010	2011	2011	2006	2007	2008	2009	2010	2011	2011	2006	2007	2008	2009	2010	2011
Alcohol	18.8	17.7	18.5	18.1	14.1	12.9	40.8	41.0	41.2	38.8	33.8	32.3	33.1	62.6	62.1	60.4	59.9	54.8	53.4	56.0	72.7	71.9	71.3	70.7	66.3	65.9	70.0	47.1	45.5	45.2	44.3	38.9	38.2
Cigarettes	13.0	10.8	10.4	10.3	8.8	7.9	29.4	26.8	25.2	23.9	22.0	21.1	18.4	43.8	40.0	38.8	38.0	35.8	33.0	30.4	52.0	49.7	48.2	46.0	44.3	44.1	40.0	33.5	30.0	28.9	27.9	25.5	24.6
Smokeless Tobacco	7.5	6.1	5.9	5.7	5.9	5.4	14.7	13.5	12.9	12.3	12.8	12.4	9.7	22.4	19.6	19.2	19.6	21.0	18.6	15.6	25.4	23.2	23.2	22.4	23.8	23.8	16.9	17.0	14.8	14.5	14.2	14.7	14.1
Marijuana	2.0	1.5	1.5	1.5	1.3	1.2	10.8	9.5	9.6	9.6	9.3	9.2	16.4	25.7	23.4	23.4	24.3	23.8	23.5	34.5	35.2	34.8	34.2	35.0	34.4	34.9	45.5	17.3	15.5	15.4	15.8	14.9	15.2
Inhalants	9.2	9.3	8.9	8.7	7.0	6.8	15.4	16.0	15.9	14.7	12.0	11.6	13.1	16.4	14.9	14.6	15.1	12.1	11.9	10.1	13.2	12.0	12.1	11.4	9.9	9.4	8.1	13.5	13.0	12.8	12.4	10.2	9.9
Hallucinogens	0.5	0.2	0.3	0.2	0.2	0.2	1.5	0.7	0.8	0.6	0.6	0.6	1.7	3.4	2.0	2.3	2.0	1.9	1.9	2.8	4.7	4.0	3.9	3.6	3.3	3.5	4.0	2.4	1.5	1.6	1.4	1.3	1.3
Cocaine	0.8	0.4	0.4	0.4	0.3	0.3	2.2	1.2	1.2	1.0	0.9	0.8	2.2	4.3	2.4	2.4	2.1	1.6	1.7	3.3	6.5	5.0	4.3	3.3	2.8	2.9	5.2	3.2	2.0	1.9	1.6	1.2	1.3
Methamphetamines	0.7	0.4	0.4	0.5	0.3	0.3	1.9	1.2	1.1	0.9	0.7	0.8	1.3	4.0	2.1	1.8	1.8	1.6	1.5	2.1	5.0	3.4	2.7	2.2	1.9	1.9	2.1	2.8	1.6	1.4	1.3	1.0	1.0
Stimulants	0.8	0.5	0.5	0.5	0.3	0.2	2.6	1.6	1.5	1.3	1.0	0.9	5.2	6.3	4.6	4.1	4.0	3.3	2.7	9.0	8.0	6.9	6.2	6.1	5.3	5.1	12.2	4.2	3.1	2.8	2.7	2.1	2.0
Sedatives	5.1	4.9	4.9	5.0	3.9	4.1	10.7	10.2	10.4	9.7	8.1	8.2	3.4	18.6	16.6	15.9	16.3	14.4	13.6	6.8	22.5	20.2	18.8	18.4	16.0	15.7	8.7	13.7	12.2	11.8	11.7	9.8	9.8
Ecstasy	0.5	0.2	0.2	0.1	0.1	0.2	1.9	1.2	1.1	1.1	0.9	0.8	2.6	4.7	3.4	3.3	3.2	2.8	2.5	6.6	6.5	5.4	5.2	5.3	4.6	4.1	8.0	3.2	2.3	2.2	2.2	1.8	1.6
Heroin	0.6	0.3	0.2	0.3	0.1	0.2	1.1	0.6	0.6	0.5	0.5	0.6	1.2	2.0	1.1	1.1	1.3	0.9	0.9	1.2	2.6	2.0	2.0	1.9	1.7	1.7	1.4	1.5	0.9	0.9	0.9	0.7	0.8
Prescription Drugs	--	--	3.9	3.7	2.9	2.9	--	--	10.6	9.1	7.8	7.5	--	--	--	18.0	17.7	15.5	14.6	--	--	--	22.2	21.2	19.6	19.1	--	--	--	12.8	12.1	10.4	10.1
OTC Drugs	--	--	2.5	2.3	2.0	1.9	--	--	6.0	5.4	4.3	4.1	--	--	--	9.4	9.0	7.3	6.9	--	--	--	11.0	9.6	8.7	8.0	--	--	--	6.8	6.2	5.1	4.9
Alcopops	--	--	--	9.0	6.6	6.2	--	--	--	25.6	22.0	21.1	27.0	--	--	--	44.8	39.5	38.8	48.4	--	--	--	54.7	50.1	49.9	62.4	--	--	--	31.3	26.8	26.7
Any Drug	13.2	13.2	15.2	14.6	12.2	12.3	24.8	25.0	29.0	27.0	23.8	23.4	--	36.7	35.0	38.5	39.3	35.9	35.7	--	42.7	42.3	45.5	45.4	43.2	43.5	--	28.5	27.4	30.6	30.0	26.8	27.0

NOTE: Cells containing the -- symbol indicate an area where data is not available either due to the question not being asked in that years survey, or the MTF data is not comparable to the Arkansas data. To accurately compare MTF drug use to Arkansas drug use, Pride Surveys must have the MTF database.

NOTE: The Any Drug category includes all drugs that were included in the APNA that year. Therefore, the 2002 and 2003 Any Drug categories contain the percent of students reporting use any of the following drugs: marijuana, hallucinogens, cocaine, ecstasy, inhalants, or methamphetamines. The 2004 Any Drug category contains the percent of students reporting use of any of the following drugs: marijuana, hallucinogens, cocaine, ecstasy, inhalants, sedatives, or heroin. The 2005 thru 2007 Any Drug category contains the percent of students reporting use of the following drugs: marijuana, hallucinogens, cocaine, ecstasy, inhalants, sedatives, methamphetamines, stimulants, or heroin. While 2002 and 2003 Any Drug rates are comparable to each other, 2004 and 2005 thru 2007 rates should not be compared to each other or to 2002/2003 results, because the substances considered in each year's Any Drug data are not identical. The Any Drug category for 2008 was expanded to include the categories of prescription drugs and over-the-counter drugs. In 2009 the category of Alcopops was added but this substance is treated uniquely and is reported on separately from the alcohol category as it is considered a subcategory of alcohol.

Section 3:

3.3.3 Substance Use by Gender

Being male is generally considered a risk factor for substance use; males generally show higher levels of use. However, for Arkansas students in 2011, overall female substance use in six categories was higher than that reported by males: alcohol, inhalants, sedatives, prescription drugs, over-the-counter drugs, and alcopops. (Figure 3-3, Table 3-6 and Table 3-7) As is typically found, one of the largest percentage differences between genders was for smokeless tobacco use by 12th grade boys who use smokeless tobacco at almost four times the rate of girls (38.8% vs. 10.5%). Other differences are less dramatic. Since 2010, total lifetime use for all substances decreased slightly or remained the same for females with the exception of marijuana and alcopops which increased by 0.2% and 0.1% respectively. Males also exhibited a similar pattern with general decline in use with the exceptions of marijuana, hallucinogens, cocaine, sedatives which showed slight increases. Overall, the gradual decline of all substance use since 2006 for both males and females is a positive, long-term trend. While some increases were found, the amount of the increase was so small that they should be of little concern unless future data collection should indicate that there has been a shift in substance use behavior.

3.4 Past 30-Day ATOD Use

Past 30-day use is recorded when youth report that they have used a substance at least once in the past 30 days. Past 30-day use is typically viewed as the best measure of the ongoing use of alcohol, tobacco, and other drugs. The most commonly used substances for 2011 were alcohol, alcopops, cigarettes, marijuana and smokeless tobacco, in that order. Overall, Arkansas youth showed little or no change in their past 30-day prevalence rates in the 2011 survey compared to the 2010 survey.

3.4.1 Arkansas Students' Substance Use Compared to National Results

Table 3-5 summarizes the statewide Arkansas findings as they compare with the nationwide Monitoring the Future results. In this table, cells with pink shading indicate areas where Arkansas youth show higher prevalence rates than what are measured nationally. Cells with green shading indicate substances where Arkansas youth have a lower prevalence rate than for students nationally.

Table 3-5

Grade Level	Alcohol	Cigarettes	Smokeless Tobacco	Marijuana	LSD/Hallucinogens	Cocaine	Inhalants	Sedatives	Methamphetamines	Stimulants	Heroin/Opiates	MDMA(Ecstasy)
8th	-1.7%	-0.4%	1.0%	-3.2%	-0.3%	-0.5%	1.0%	2.6%	-0.1%	-1.4%	-0.2%	-0.3%
10th	-3.2%	0.5%	1.5%	-6.5%	-0.1%	-0.2%	1.5%	4.6%	-0.1%	-2.1%	-0.1%	-0.9%
12th	-5.0%	1.5%	2.2%	-5.8%	0.3%	-0.5%	0.7%	4.3%	-0.1%	-1.9%	0.1%	-1.5%
Values above 0 (pink background) indicate Arkansas use above MTF value. Values below 0 (green background) indicate Arkansas use below MTF findings.												

Figure 3-3

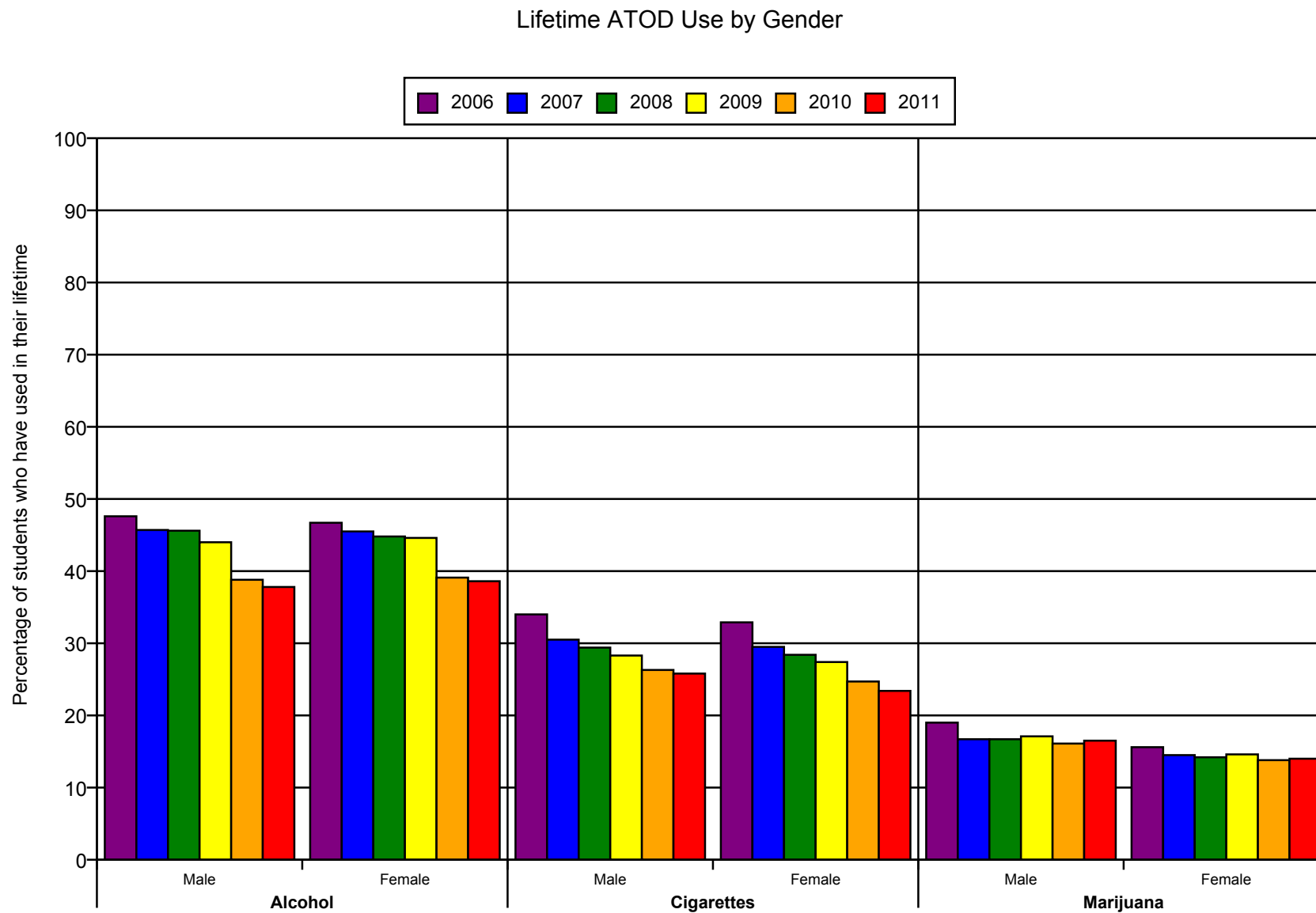


Table 3-6

Percentage of Males by Grade Who Used ATODs During Their Lifetime																														
Drug Used	Arkansas Grade 6						Arkansas Grade 8						Arkansas Grade 10						Arkansas Grade 12						Total					
	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011
Alcohol	21.1	21.0	21.3	20.5	16.4	14.8	41.2	41.1	41.3	38.6	33.0	32.0	62.0	61.0	59.7	58.7	53.9	52.0	72.4	71.2	71.2	69.8	65.9	65.4	47.6	45.7	45.6	44.0	38.8	37.8
Cigarettes	14.0	12.1	11.6	11.0	9.9	8.9	28.5	27.1	25.3	23.4	21.6	21.4	44.1	40.0	39.0	39.2	37.2	34.4	54.4	51.4	50.1	48.4	47.1	48.5	34.0	30.5	29.4	28.3	26.3	25.8
Smokeless Tobacco	11.2	9.4	9.2	8.4	9.0	7.8	22.2	20.5	19.3	18.9	19.3	18.9	34.6	31.7	30.6	31.3	32.9	30.1	41.0	38.6	37.7	37.2	38.7	38.8	26.3	23.4	22.6	22.3	22.9	21.9
Marijuana	2.4	1.9	1.9	1.9	1.5	1.5	12.1	10.8	11.0	10.5	10.2	10.4	27.9	25.2	25.2	27.2	26.5	25.2	38.8	38.1	37.3	37.6	36.8	38.9	19.0	16.7	16.7	17.1	16.1	16.5
Inhalants	10.6	10.3	9.1	9.3	6.8	6.8	14.5	14.3	14.1	12.5	9.9	9.1	15.9	14.0	13.2	14.3	10.7	9.7	14.7	12.5	12.7	12.1	10.1	9.9	13.8	12.8	12.2	11.9	9.2	8.7
Hallucinogens	0.6	0.3	0.3	0.3	0.2	0.2	1.4	0.8	0.9	0.7	0.5	0.8	3.9	2.1	2.5	2.4	2.3	2.3	6.3	4.9	4.9	4.6	4.6	4.8	2.9	1.8	1.9	1.7	1.6	1.7
Cocaine	0.9	0.5	0.4	0.4	0.3	0.3	2.1	1.0	1.1	0.9	0.7	0.7	4.7	2.3	2.3	2.4	2.0	1.9	7.5	5.4	4.8	3.7	3.6	3.9	3.5	2.0	1.9	1.6	1.4	1.5
Methamphetamines	0.9	0.4	0.5	0.5	0.3	0.3	1.7	1.3	1.0	0.8	0.6	0.6	4.0	1.7	1.6	1.7	1.5	1.5	4.9	3.2	2.5	2.2	2.0	2.1	2.7	1.5	1.3	1.2	1.0	1.0
Stimulants	0.8	0.5	0.6	0.6	0.3	0.3	2.5	1.5	1.5	1.3	0.8	0.9	6.3	4.1	3.7	3.9	3.2	2.7	8.2	7.0	6.5	6.3	5.5	6.1	4.2	2.9	2.7	2.7	2.1	2.1
Sedatives	4.6	4.4	4.4	4.7	3.5	3.6	8.3	7.8	8.0	7.2	5.6	6.0	16.1	13.1	12.9	13.3	11.6	10.7	21.4	18.8	16.9	16.2	14.3	14.4	12.0	10.1	9.8	9.6	7.9	8.0
Ecstasy	0.6	0.2	0.2	0.2	0.1	0.2	1.7	1.2	1.2	1.1	1.0	0.9	5.2	3.0	3.3	3.4	3.0	2.7	7.5	6.1	5.7	6.0	5.4	5.0	3.5	2.3	2.3	2.3	2.0	1.9
Heroin	0.8	0.3	0.3	0.2	0.1	0.3	1.2	0.7	0.6	0.6	0.5	0.5	2.5	1.3	1.4	1.6	1.3	1.1	3.5	2.6	2.4	2.4	2.3	2.4	1.9	1.1	1.1	1.1	0.9	0.9
Prescription Drugs	--	--	3.8	3.6	2.7	2.8	--	--	9.0	7.5	6.1	5.8	--	--	16.2	16.0	13.7	12.6	--	--	21.8	20.3	19.4	19.7	--	--	11.7	10.8	9.2	9.1
OTC Drugs	--	--	2.3	2.1	1.7	1.5	--	--	4.2	3.9	3.1	2.9	--	--	7.1	6.9	5.5	5.3	--	--	9.4	8.0	7.7	7.3	--	--	5.4	4.9	4.1	3.9
Alcopops	--	--	--	9.4	6.9	6.2	--	--	--	23.1	19.6	18.8	--	--	--	41.2	35.9	34.4	--	--	--	50.6	46.3	46.2	--	--	--	28.6	24.4	23.9
Any Drug	14.5	14.2	15.6	15.3	12.1	12.1	24.2	23.5	27.0	25.0	21.9	21.4	37.2	34.6	37.5	39.0	35.5	34.1	45.0	44.4	47.0	45.9	44.3	46.0	29.3	27.3	30.0	29.4	26.2	26.2

NOTE: Cells containing the -- symbol indicate an area where data is not available either due to the question not being asked in that years survey.

NOTE: The Any Drug category includes all drugs that were included in the APNA that year. Therefore, the 2002 and 2003 Any Drug categories contain the percent of students reporting use any of the following drugs: marijuana, hallucinogens, cocaine, ecstasy, inhalants, or methamphetamines. The 2004 Any Drug category contains the percent of students reporting use of any of the following drugs: marijuana, hallucinogens, cocaine, ecstasy, inhalants, sedatives, or heroin. The 2005 thru 2007 Any Drug category contains the percent of students reporting use of the following drugs: marijuana, hallucinogens, cocaine, ecstasy, inhalants, sedatives, methamphetamines, stimulants, or heroin. While 2002 and 2003 Any Drug rates are comparable to each other, 2004 and 2005 thru 2007 rates should not be compared to each other or to 2002/2003 results, because the substances considered in each year's Any Drug data are not identical. The Any Drug category for 2008 was expanded to include the categories of prescription drugs and over-the-counter drugs. In 2009 the category of Alcopops was added but this substance is treated uniquely and is reported on separately from the alcohol category as it is considered a subcategory of alcohol.

Table 3-7

Percentage of Females by Grade Who Used ATODs During Their Lifetime																														
Drug Used	Arkansas Grade 6						Arkansas Grade 8						Arkansas Grade 10						Arkansas Grade 12						Total					
	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011
Alcohol	16.4	14.6	15.6	15.9	12.0	11.1	40.4	40.9	40.9	38.9	34.2	32.5	63.2	63.1	60.9	60.9	55.7	54.4	73.0	72.3	71.5	71.5	66.7	66.3	46.7	45.5	44.8	44.6	39.1	38.6
Cigarettes	11.9	9.5	9.1	9.5	7.9	7.0	29.9	26.3	25.2	24.2	22.1	20.7	43.4	40.0	38.7	36.8	34.6	31.6	49.7	48.2	46.5	43.9	42.0	40.0	32.9	29.5	28.4	27.4	24.7	23.4
Smokeless Tobacco	3.9	3.0	2.7	3.1	2.9	3.1	7.9	7.0	6.8	6.1	6.6	6.3	10.9	9.2	9.2	9.2	10.1	8.5	11.1	10.4	10.1	10.0	11.0	10.5	8.3	7.1	6.9	6.8	7.2	6.8
Marijuana	1.6	1.1	1.1	1.0	1.0	0.9	9.5	8.2	8.2	8.5	8.2	8.0	23.5	22.0	21.7	21.7	21.3	21.9	31.7	32.0	31.4	32.8	32.3	31.3	15.6	14.5	14.2	14.6	13.8	14.0
Inhalants	7.9	8.4	8.6	8.2	7.3	6.9	16.3	17.5	17.6	16.7	14.1	13.9	16.8	15.7	15.9	15.8	13.4	13.7	11.7	11.5	11.5	10.8	9.7	8.9	13.3	13.3	13.4	12.9	11.1	10.9
Hallucinogens	0.3	0.1	0.2	0.1	0.1	0.1	1.6	0.6	0.6	0.6	0.6	0.5	2.9	1.9	2.1	1.7	1.5	1.5	3.2	3.2	3.0	2.7	2.2	2.3	1.9	1.3	1.3	1.1	1.0	1.0
Cocaine	0.7	0.3	0.3	0.4	0.3	0.3	2.2	1.3	1.3	1.1	1.0	0.9	3.8	2.5	2.4	1.9	1.3	1.4	5.6	4.6	3.8	3.0	2.1	2.1	2.9	2.0	1.8	1.5	1.1	1.1
Methamphetamines	0.6	0.5	0.3	0.4	0.2	0.2	2.0	1.1	1.3	0.9	0.9	0.9	4.0	2.3	2.0	1.9	1.6	1.4	5.1	3.4	2.9	2.2	1.9	1.7	2.8	1.7	1.5	1.3	1.1	1.0
Stimulants	0.7	0.4	0.4	0.4	0.2	0.2	2.5	1.8	1.5	1.3	1.2	0.9	6.2	5.1	4.3	4.0	3.4	2.7	7.7	6.8	5.9	6.0	5.2	4.3	4.1	3.3	2.8	2.7	2.2	1.8
Sedatives	5.5	5.3	5.4	5.4	4.3	4.6	12.8	12.5	12.7	12.0	10.4	10.1	21.0	19.6	18.5	19.0	17.0	16.1	23.5	21.3	20.4	20.3	17.6	16.9	15.2	14.1	13.6	13.6	11.6	11.4
Ecstasy	0.3	0.1	0.1	0.1	0.1	0.1	1.9	1.2	1.1	1.0	0.8	0.6	4.1	3.7	3.3	3.1	2.5	2.2	5.5	4.7	4.8	4.7	3.9	3.3	2.8	2.2	2.1	2.0	1.6	1.4
Heroin	0.5	0.2	0.2	0.3	0.1	0.2	1.0	0.5	0.6	0.5	0.6	0.6	1.5	0.9	0.9	1.2	0.6	0.7	1.8	1.4	1.5	1.5	1.2	1.1	1.1	0.7	0.8	0.8	0.6	0.6
Prescription Drugs	--	--	3.9	3.8	3.1	3.0	--	--	12.2	10.5	9.3	9.0	--	--	19.7	19.2	17.2	16.2	--	--	22.4	22.0	19.9	18.6	--	--	13.8	13.2	11.4	11.0
OTC Drugs	--	--	2.7	2.5	2.3	2.2	--	--	7.7	6.6	5.3	5.3	--	--	11.3	10.7	9.0	8.3	--	--	12.4	11.0	9.5	8.6	--	--	8.1	7.4	6.1	5.8
Alcopops	--	--	--	8.6	6.4	6.3	--	--	--	27.8	24.0	23.2	--	--	--	47.9	42.9	42.7	--	--	--	58.3	53.6	53.0	--	--	--	33.7	29.1	29.2
Any Drug	12.0	12.3	14.7	13.9	12.3	12.5	25.2	26.4	30.8	28.9	25.4	25.2	36.2	35.4	39.4	39.5	36.2	36.9	40.5	40.3	44.1	44.8	42.3	41.3	27.8	27.5	31.0	30.6	27.4	27.7

NOTE: Cells containing the -- symbol indicate an area where data is not available either due to the question not being asked in that years survey.

NOTE: The Any Drug category includes all drugs that were included in the APNA that year. Therefore, the 2002 and 2003 Any Drug categories contain the percent of students reporting use any of the following drugs: marijuana, hallucinogens, cocaine, ecstasy, inhalants, or methamphetamines. The 2004 Any Drug category contains the percent of students reporting use of any of the following drugs: marijuana, hallucinogens, cocaine, ecstasy, inhalants, sedatives, or heroin. The 2005 thru 2007 Any Drug category contains the percent of students reporting use of the following drugs: marijuana, hallucinogens, cocaine, ecstasy, inhalants, sedatives, methamphetamines, stimulants, or heroin. While 2002 and 2003 Any Drug rates are comparable to each other, 2004 and 2005 thru 2007 rates should not be compared to each other or to 2002/2003 results, because the substances considered in each year's Any Drug data are not identical. The Any Drug category for 2008 was expanded to include the categories of prescription drugs and over-the-counter drugs. In 2009 the category of Alcopops was added but this substance is treated uniquely and is reported on separately from the alcohol category as it is considered a subcategory of alcohol.

Table 3-8 shows that Arkansas youth compared to MTF respondents have slightly higher rates of use of tobacco products. The higher prevalence of tobacco is common in many states in the Southeast. This is due to a variety of cultural and economic factors in the southeastern United States that have traditionally supported greater tobacco use. Arkansas youth are also somewhat higher in their use of inhalants and sedatives across all grades.

On the positive side, Arkansas youth showed lower levels of use on a number of other substances, including alcohol, marijuana, hallucinogens, cocaine, stimulants, and MDMA (Ecstasy). These advantages ranged from <1% to 5% for 12th grade alcohol use.

Table 3-8 shows more details on the past 30-day results for all substances by grade level, with the results compared to MTF results. The most commonly used substances in the past 30 days were alcohol, alcopops, cigarettes, marijuana, and smokeless tobacco, in that order. Sedatives, inhalants, prescription drugs, and over-the-counter drugs were the other four substances that showed prevalence rates above 2%. Figure 3-4 shows the past 30-day prevalence rates for alcohol, cigarettes, marijuana, inhalants, and smokeless tobacco.

3.4.2 Arkansas Students' 30-Day Substance Use in 2011 Compared to Previous Years

Comparison of the 2011 APNA findings with the 2006-2010 surveys are also presented in Table 3-8 and Figure 3-4. Past 30-day use of all substances has decreased or remained stable since the 2010 survey, as well as from 2006. Alcohol, alcopops, and marijuana showed increases of 0.1%, 0.1% and 0.3% respectively. Again, as with the lifetime use, these increases are very small and should be of concern only if future data collection should indicate a change in the general trend.

3.4.3 Past 30-Day Use by Gender

Tables 3-9 and 3-10 show the percentage of ATOD use in the past 30 days by males and females in the four grades and the total for all males and all females. Figure 3-5 graphically portrays the same data for selected substances.

As with male and female lifetime usage rates, past-month use was generally similar for males and females; however, there are some differences worth mentioning, particularly at the 12th grade level. The past 30-day prevalence rate of smokeless tobacco was notably higher for males than females at the 12th grade level (19.6% vs. 2.5%), but the 10th, 8th and 6th grade students also showed the same pattern. Comparing males to females in the 12th grade, there was a 6.5% higher alcohol prevalence rate for males, a 7.9% higher cigarette rate, and a 7.1% higher marijuana rate. In general, these past 30-day prevalence patterns are more typical of what is found, with males generally showing higher prevalence rates. Sedatives, inhalants, prescription and over-the-counter drugs and alcopops use by females are the only drug category where girls reported higher rates than boys.

While males generally reported higher levels of substance use, it is worth noting again that the overall prevalence rates are similar to the previous year with little to no change in either direction.

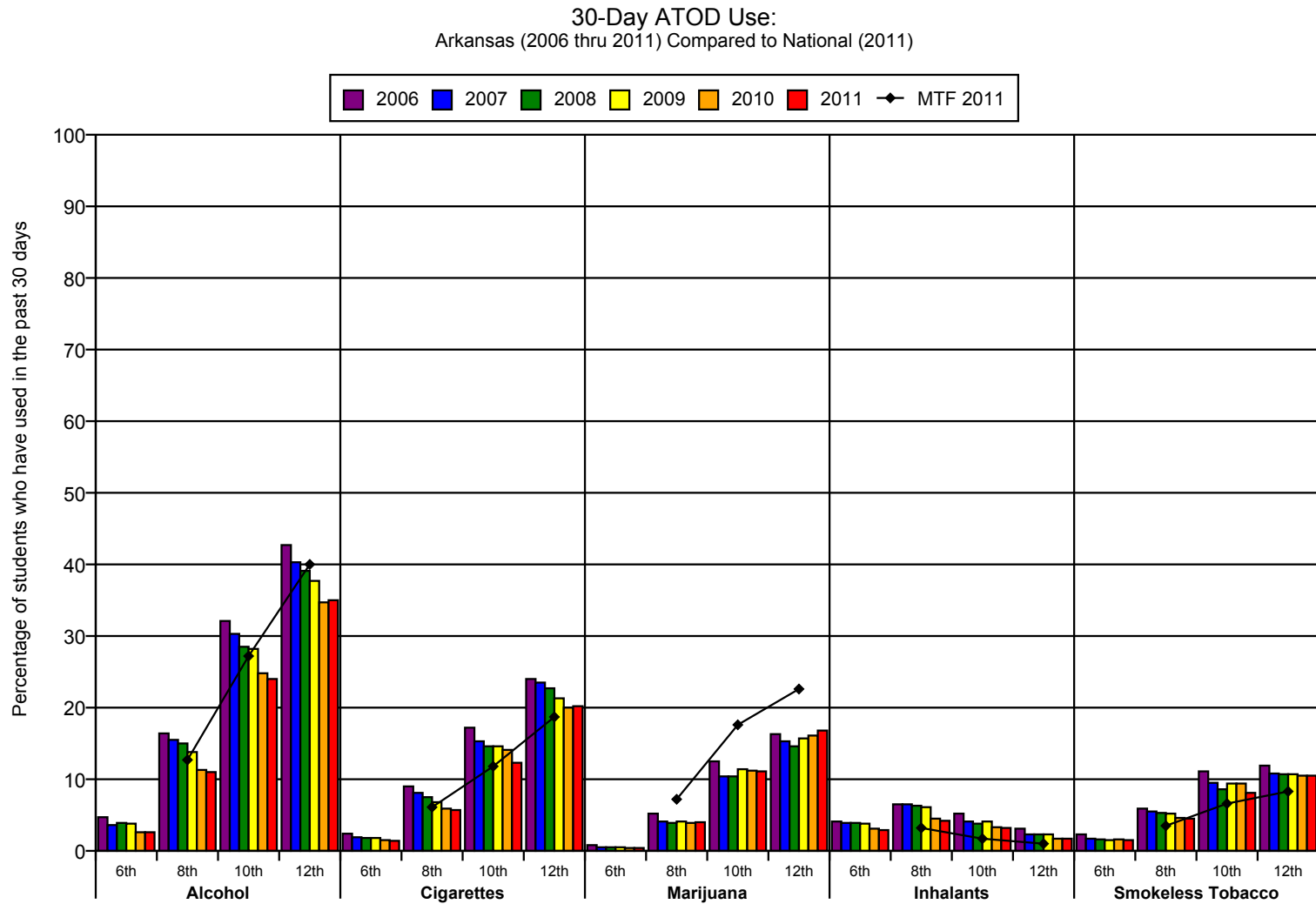
Table 3-8

Percentage of Arkansas Respondents Who Used ATODs During The Past 30 Days by Grade																																	
Drug Used	Arkansas Grade 6						Arkansas Grade 8						MTF Grade 8	Arkansas Grade 10						MTF Grade 10	Arkansas Grade 12						MTF Grade 12	Total					
	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2011	2006	2007	2008	2009	2010	2011	2011	2006	2007	2008	2009	2010	2011	2011	2006	2007	2008	2009	2010	2011
Alcohol	4.7	3.6	3.9	3.8	2.6	2.6	16.4	15.5	15.0	13.8	11.3	11.0	12.7	32.1	30.3	28.5	28.2	24.8	24.0	27.2	42.7	40.3	39.1	37.7	34.7	35.0	40.0	22.7	20.5	19.8	19.1	16.2	16.3
Cigarettes	2.4	1.9	1.8	1.8	1.5	1.4	9.0	8.1	7.5	6.8	5.9	5.7	6.1	17.2	15.3	14.6	14.6	14.1	12.3	11.8	24.0	23.5	22.7	21.3	20.0	20.2	18.7	12.5	11.1	10.6	10.2	9.1	8.8
Smokeless Tobacco	2.3	1.7	1.6	1.5	1.6	1.5	5.9	5.5	5.3	5.2	4.6	4.5	3.5	11.1	9.5	8.6	9.4	9.4	8.1	6.6	11.9	10.8	10.7	10.7	10.5	10.5	8.3	7.5	6.5	6.1	6.3	5.9	5.6
Marijuana	0.8	0.5	0.5	0.5	0.4	0.4	5.2	4.1	3.9	4.1	3.9	4.0	7.2	12.5	10.4	10.4	11.4	11.2	11.1	17.6	16.3	15.3	14.6	15.7	16.1	16.8	22.6	8.2	6.8	6.6	7.1	6.8	7.1
Inhalants	4.1	3.9	3.9	3.8	3.1	2.9	6.5	6.5	6.3	6.1	4.5	4.2	3.2	5.2	4.1	3.8	4.1	3.3	3.2	1.7	3.1	2.3	2.3	2.3	1.7	1.7	1.0	4.8	4.4	4.2	4.2	3.3	3.1
Hallucinogens	0.3	0.1	0.1	0.1	0.1	0.0	0.9	0.3	0.4	0.3	0.2	0.2	0.5	1.5	0.6	0.7	0.7	0.6	0.6	0.7	1.6	1.1	1.1	0.9	0.9	1.1	0.8	1.0	0.5	0.5	0.4	0.4	0.4
Cocaine	0.5	0.2	0.1	0.2	0.1	0.1	1.0	0.5	0.5	0.4	0.3	0.3	0.8	1.6	0.6	0.4	0.5	0.5	0.5	0.7	2.0	0.9	0.7	0.6	0.6	0.6	1.1	1.2	0.5	0.4	0.4	0.3	0.3
Methamphetamines	0.4	0.1	0.1	0.2	0.1	0.1	0.9	0.4	0.4	0.3	0.2	0.3	0.4	1.6	0.6	0.4	0.5	0.4	0.4	0.5	1.6	0.6	0.6	0.6	0.4	0.5	0.6	1.1	0.4	0.4	0.4	0.3	0.3
Stimulants	0.4	0.2	0.2	0.2	0.1	0.1	1.3	0.7	0.6	0.6	0.3	0.4	1.8	2.6	1.4	1.4	1.5	1.1	1.0	3.1	3.1	1.8	1.9	1.9	1.6	1.8	3.7	1.8	0.9	0.9	1.0	0.7	0.7
Sedatives	2.3	1.9	1.9	1.9	1.5	1.6	5.3	4.6	4.6	4.3	3.7	3.6	1.0	9.9	7.6	7.3	7.6	6.6	6.5	1.9	11.3	9.2	8.3	8.2	6.7	6.6	2.3	6.9	5.5	5.2	5.2	4.3	4.3
Ecstasy	0.3	0.1	0.1	0.1	0.1	0.1	0.8	0.4	0.5	0.4	0.3	0.3	0.6	1.7	1.0	0.9	0.9	0.8	0.7	1.6	2.1	1.4	1.0	1.2	0.9	0.8	2.3	1.2	0.7	0.6	0.6	0.5	0.4
Heroin	0.3	0.1	0.1	0.1	0.1	0.1	0.6	0.2	0.3	0.2	0.2	0.2	0.4	1.0	0.3	0.4	0.5	0.2	0.3	0.4	1.0	0.6	0.6	0.6	0.5	0.5	0.4	0.7	0.3	0.3	0.3	0.2	0.2
Prescription Drugs	--	--	1.6	1.6	1.2	1.4	--	--	4.7	4.1	3.5	3.3	--	--	--	8.1	8.1	6.8	6.6	--	--	--	9.8	9.3	8.0	7.8	--	--	--	5.6	5.4	4.4	4.4
OTC Drugs	--	--	1.2	1.2	1.0	1.0	--	--	3.1	2.8	2.1	2.1	--	--	--	4.2	4.0	3.0	3.2	--	--	--	4.2	3.9	3.2	3.1	--	--	--	3.0	2.9	2.2	2.2
Alcopops	--	--	--	2.7	1.8	1.8	--	--	--	9.8	8.0	7.7	8.6	--	--	--	19.2	16.3	15.7	15.8	--	--	--	23.9	21.1	21.8	23.1	--	--	--	12.8	10.6	10.7
Any Drug	6.1	5.9	7.3	7.2	6.0	5.9	12.7	12.2	14.6	14.0	12.0	11.7	--	19.6	17.1	20.0	21.2	19.2	19.1	--	22.6	20.6	23.2	23.9	22.6	23.4	--	14.8	13.2	15.5	15.8	13.9	14.1

NOTE: Cells containing the -- symbol indicate an area where data is not available either due to the question not being asked in that year's survey, or the MTF data is not comparable to the Arkansas data. To accurately compare MTF drug use to Arkansas drug use, Pride Surveys must have the MTF database.

NOTE: The Any Drug category includes all drugs that were included in the APNA that year. Therefore, the 2002 and 2003 Any Drug categories contain the percent of students reporting use any of the following drugs: marijuana, hallucinogens, cocaine, ecstasy, inhalants, or methamphetamines. The 2004 Any Drug category contains the percent of students reporting use of any of the following drugs: marijuana, hallucinogens, cocaine, ecstasy, inhalants, sedatives, or heroin. The 2005 thru 2007 Any Drug category contains the percent of students reporting use of the following drugs: marijuana, hallucinogens, cocaine, ecstasy, inhalants, sedatives, methamphetamines, stimulants, or heroin. While 2002 and 2003 Any Drug rates are comparable to each other, 2004 and 2005 thru 2007 rates should not be compared to each other or to 2002/2003 results, because the substances considered in each year's Any Drug data are not identical. The Any Drug category for 2008 was expanded to include the categories of prescription drugs and over-the-counter drugs. In 2009 the category of Alcopops was added but this substance is treated uniquely and is reported on separately from the alcohol category as it is considered a subcategory of alcohol.

Figure 3-4



MTF=Monitoring the Future, a national survey of 8th, 10th and 12th graders.

Table 3-9

Percentage of Males by Grade Who Used ATODs During The Past 30 Days																														
Drug Used	Arkansas Grade 6						Arkansas Grade 8						Arkansas Grade 10						Arkansas Grade 12						Total					
	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011
Alcohol	5.3	4.3	4.4	4.1	3.0	2.8	16.4	15.4	14.8	13.4	10.7	10.5	33.9	31.2	29.8	29.5	26.0	24.5	46.6	43.4	43.2	40.6	37.6	38.4	24.1	21.2	20.8	19.6	16.8	16.7
Cigarettes	2.7	2.1	1.9	1.9	1.6	1.5	8.2	8.0	7.4	6.8	5.9	5.9	18.0	15.2	15.1	15.5	15.5	13.0	26.7	25.0	25.1	24.2	22.4	24.3	13.1	11.2	11.1	10.7	9.8	9.7
Smokeless Tobacco	3.7	2.6	2.5	2.2	2.5	2.2	9.7	9.2	8.8	8.6	7.8	7.2	19.3	17.4	15.5	17.1	16.7	14.7	22.1	20.7	20.2	20.3	19.8	19.6	13.2	11.4	10.8	11.0	10.4	9.8
Marijuana	1.0	0.6	0.5	0.6	0.5	0.5	5.8	4.8	4.3	4.8	4.4	4.6	14.4	11.7	11.9	13.7	13.1	12.2	19.5	18.0	17.5	17.9	19.0	20.5	9.5	7.7	7.5	8.1	7.9	8.1
Inhalants	4.6	3.9	3.6	3.9	2.7	2.6	5.6	5.5	5.2	4.7	3.4	2.9	5.2	3.8	3.4	3.8	2.8	2.5	3.9	2.6	2.5	2.5	1.8	1.9	4.9	4.1	3.8	3.9	2.8	2.5
Hallucinogens	0.4	0.2	0.2	0.1	0.1	0.1	0.9	0.3	0.4	0.3	0.1	0.2	1.9	0.7	0.7	0.8	0.8	0.7	2.1	1.5	1.5	1.4	1.4	1.7	1.3	0.6	0.6	0.6	0.5	0.6
Cocaine	0.6	0.3	0.2	0.2	0.1	0.1	1.0	0.4	0.4	0.4	0.2	0.3	1.9	0.7	0.5	0.7	0.6	0.6	2.6	1.0	0.8	0.7	0.9	0.8	1.5	0.5	0.4	0.5	0.4	0.4
Methamphetamines	0.5	0.1	0.2	0.2	0.2	0.1	0.9	0.4	0.3	0.3	0.1	0.3	1.7	0.6	0.4	0.7	0.4	0.5	1.7	0.7	0.6	0.7	0.6	0.7	1.2	0.4	0.4	0.4	0.3	0.3
Stimulants	0.6	0.2	0.3	0.3	0.1	0.1	1.4	0.7	0.6	0.5	0.2	0.5	2.9	1.4	1.3	1.5	1.0	1.0	3.6	1.9	2.2	2.2	1.8	2.5	2.0	1.0	1.0	1.0	0.7	0.9
Sedatives	2.0	1.6	1.6	1.6	1.4	1.4	3.8	3.3	3.4	2.9	2.3	2.5	9.1	5.9	5.9	6.3	5.1	5.1	11.6	9.2	7.6	7.5	6.4	6.2	6.3	4.6	4.3	4.2	3.4	3.5
Ecstasy	0.5	0.1	0.1	0.1	0.1	0.1	0.8	0.5	0.5	0.5	0.3	0.3	2.1	1.0	0.9	1.0	1.0	0.8	2.7	1.8	1.1	1.5	1.1	1.1	1.5	0.8	0.6	0.7	0.5	0.5
Heroin	0.4	0.2	0.1	0.1	0.1	0.1	0.7	0.3	0.3	0.3	0.2	0.2	1.5	0.5	0.5	0.6	0.3	0.3	1.5	0.9	0.7	0.8	0.9	0.8	1.0	0.4	0.4	0.4	0.3	0.3
Prescription Drugs	--	--	1.6	1.5	1.2	1.4	--	--	4.1	3.3	2.7	2.5	--	--	7.3	7.6	5.9	6.1	--	--	10.3	9.5	8.4	8.9	--	--	5.3	5.0	4.0	4.2
OTC Drugs	--	--	1.0	1.2	0.9	0.9	--	--	2.0	2.0	1.6	1.4	--	--	3.3	3.3	2.3	2.4	--	--	3.5	3.5	3.1	2.8	--	--	2.3	2.4	1.8	1.7
Alcopops	--	--	--	2.8	1.7	1.8	--	--	--	8.8	7.1	7.1	--	--	--	18.4	15.3	14.3	--	--	--	22.3	19.8	20.8	--	--	--	11.9	9.7	9.8
Any Drug	6.6	5.9	7.1	7.4	5.7	5.8	11.8	11.2	12.8	12.4	10.6	10.2	20.6	17.0	19.7	21.8	19.3	18.4	25.7	22.8	25.4	25.2	24.6	26.2	15.6	13.2	15.2	15.6	13.7	13.8

NOTE: Cells containing the -- symbol indicate an area where data is not available either due to the question not being asked in that years survey.

NOTE: The Any Drug category includes all drugs that were included in the APNA that year. Therefore, the 2002 and 2003 Any Drug categories contain the percent of students reporting use any of the following drugs: marijuana, hallucinogens, cocaine, ecstasy, inhalants, or methamphetamines. The 2004 Any Drug category contains the percent of students reporting use of any of the following drugs: marijuana, hallucinogens, cocaine, ecstasy, inhalants, sedatives, or heroin. The 2005 thru 2007 Any Drug category contains the percent of students reporting use of the following drugs: marijuana, hallucinogens, cocaine, ecstasy, inhalants, sedatives, methamphetamines, stimulants, or heroin. While 2002 and 2003 Any Drug rates are comparable to each other, 2004 and 2005 thru 2007 rates should not be compared to each other or to 2002/2003 results, because the substances considered in each year's Any Drug data are not identical. The Any Drug category for 2008 was expanded to include the categories of prescription drugs and over-the-counter drugs. In 2009 the category of Alcopops was added but this substance is treated uniquely and is reported on separately from the alcohol category as it is considered a subcategory of alcohol.

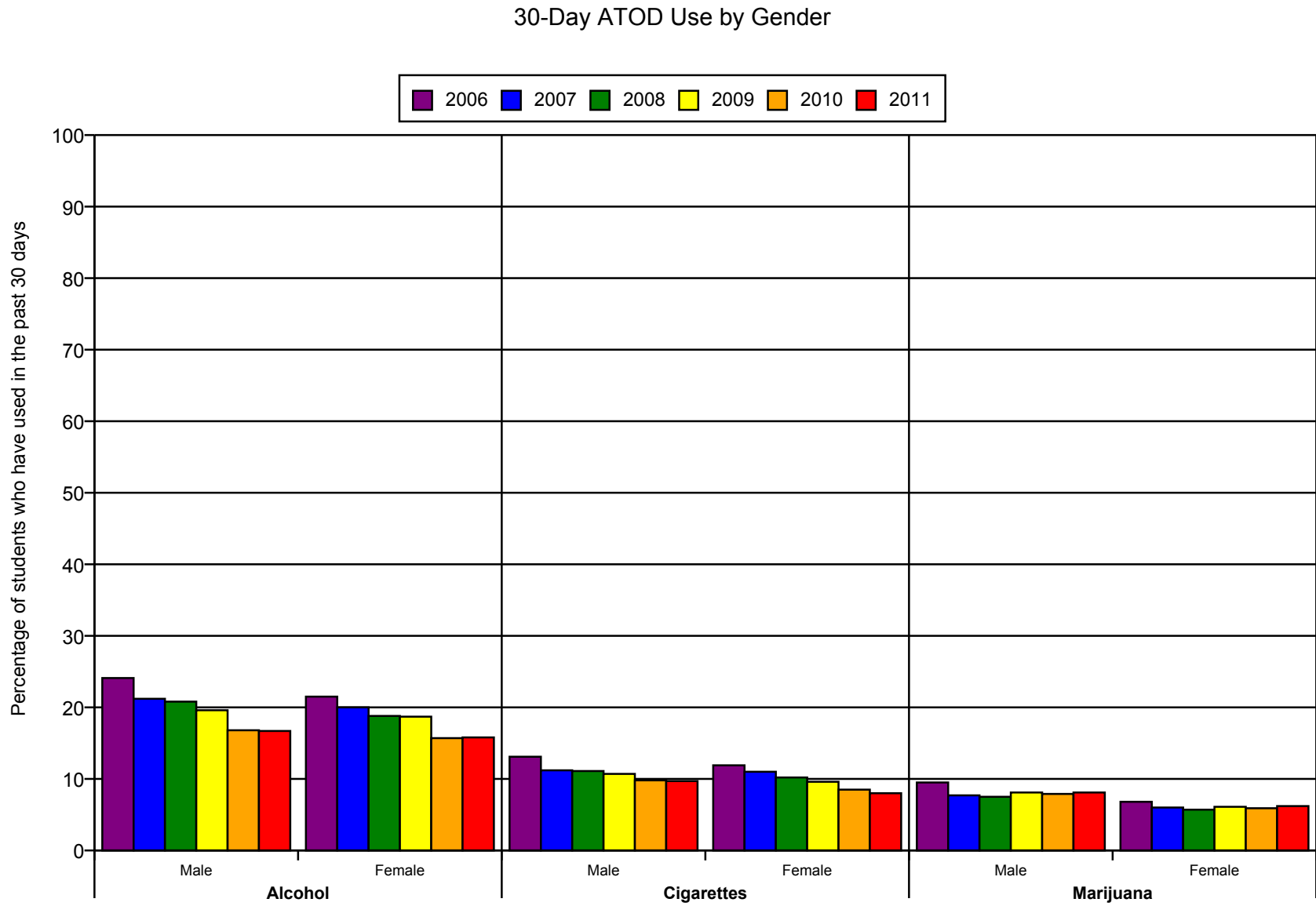
Table 3-10

Percentage of Females by Grade Who Used ATODs During The Past 30 Days																														
Drug Used	Arkansas Grade 6						Arkansas Grade 8						Arkansas Grade 10						Arkansas Grade 12						Total					
	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011
Alcohol	4.0	3.0	3.4	3.5	2.2	2.4	16.3	15.4	15.1	14.3	11.7	11.3	30.5	29.4	27.3	27.1	23.7	23.5	39.3	37.7	35.3	35.2	32.3	31.9	21.5	20.0	18.8	18.7	15.7	15.8
Cigarettes	2.2	1.7	1.7	1.7	1.5	1.3	9.5	8.2	7.6	6.8	5.8	5.5	16.4	15.4	14.2	13.9	12.9	11.6	21.5	22.1	20.6	18.8	17.9	16.4	11.9	11.0	10.2	9.6	8.5	8.0
Smokeless Tobacco	0.9	0.9	0.7	0.8	0.7	0.7	2.4	2.0	1.8	1.9	1.6	1.8	3.2	2.7	2.5	2.7	2.7	2.3	2.6	2.7	2.2	2.5	2.4	2.5	2.3	2.0	1.8	1.9	1.8	1.8
Marijuana	0.6	0.4	0.4	0.4	0.4	0.3	4.6	3.4	3.4	3.5	3.4	3.5	10.4	9.3	9.1	9.2	9.4	10.0	13.3	13.0	11.9	13.8	13.7	13.4	6.8	6.0	5.7	6.1	5.9	6.2
Inhalants	3.6	3.8	4.2	3.7	3.4	3.1	7.3	7.4	7.4	7.3	5.6	5.5	5.1	4.4	4.2	4.4	3.7	3.8	2.3	2.0	2.2	2.0	1.6	1.5	4.7	4.6	4.7	4.5	3.7	3.6
Hallucinogens	0.2	0.1	0.1	0.1	0.1	0.0	0.8	0.3	0.3	0.3	0.2	0.1	1.0	0.5	0.7	0.5	0.4	0.4	1.1	0.8	0.7	0.5	0.6	0.5	0.8	0.4	0.4	0.3	0.3	0.2
Cocaine	0.5	0.2	0.1	0.2	0.1	0.1	0.9	0.5	0.6	0.5	0.4	0.2	1.3	0.6	0.4	0.4	0.4	0.4	1.6	0.9	0.6	0.5	0.3	0.4	1.0	0.5	0.4	0.4	0.3	0.3
Methamphetamines	0.3	0.1	0.1	0.1	0.1	0.1	0.8	0.4	0.5	0.3	0.2	0.2	1.5	0.6	0.4	0.4	0.4	0.4	1.4	0.5	0.7	0.5	0.3	0.4	1.0	0.4	0.4	0.3	0.2	0.3
Stimulants	0.3	0.2	0.2	0.1	0.1	0.1	1.1	0.6	0.6	0.6	0.4	0.3	2.3	1.4	1.5	1.5	1.2	1.0	2.6	1.6	1.5	1.6	1.4	1.2	1.5	0.9	0.9	0.9	0.7	0.6
Sedatives	2.5	2.2	2.1	2.2	1.7	1.7	6.6	5.9	5.7	5.6	4.9	4.7	10.6	9.0	8.6	8.8	8.0	7.7	11.0	9.1	8.8	8.8	7.0	6.9	7.5	6.3	6.0	6.1	5.1	5.1
Ecstasy	0.2	0.1	0.0	0.0	0.0	0.1	0.8	0.4	0.4	0.3	0.2	0.2	1.2	0.9	0.8	0.8	0.7	0.5	1.5	1.0	0.9	0.9	0.7	0.5	0.9	0.6	0.5	0.5	0.4	0.3
Heroin	0.2	0.0	0.1	0.1	0.0	0.0	0.5	0.2	0.3	0.2	0.2	0.2	0.5	0.2	0.3	0.3	0.2	0.2	0.5	0.3	0.5	0.4	0.3	0.3	0.4	0.2	0.3	0.2	0.2	0.2
Prescription Drugs	--	--	1.6	1.8	1.2	1.5	--	--	5.4	4.7	4.2	4.1	--	--	8.7	8.6	7.6	7.1	--	--	9.3	9.2	7.7	7.0	--	--	5.9	5.8	4.8	4.7
OTC Drugs	--	--	1.4	1.3	1.1	1.2	--	--	4.0	3.5	2.6	2.7	--	--	5.0	4.7	3.7	3.9	--	--	4.7	4.2	3.3	3.2	--	--	3.7	3.3	2.6	2.7
Alcopops	--	--	--	2.6	1.8	1.8	--	--	--	10.6	8.8	8.3	--	--	--	19.8	17.0	16.9	--	--	--	25.3	22.3	22.6	--	--	--	13.7	11.3	11.5
Any Drug	5.6	5.8	7.3	7.0	6.2	6.1	13.3	13.0	16.1	15.5	13.1	13.0	18.4	17.2	20.4	20.7	19.2	19.7	19.7	18.8	21.1	22.8	21.0	20.8	13.9	13.2	15.7	15.9	14.1	14.3

NOTE: Cells containing the -- symbol indicate an area where data is not available either due to the question not being asked in that years survey.

NOTE: The Any Drug category includes all drugs that were included in the APNA that year. Therefore, the 2002 and 2003 Any Drug categories contain the percent of students reporting use any of the following drugs: marijuana, hallucinogens, cocaine, ecstasy, inhalants, or methamphetamines. The 2004 Any Drug category contains the percent of students reporting use of any of the following drugs: marijuana, hallucinogens, cocaine, ecstasy, inhalants, sedatives, or heroin. The 2005 thru 2007 Any Drug category contains the percent of students reporting use of the following drugs: marijuana, hallucinogens, cocaine, ecstasy, inhalants, sedatives, methamphetamines, stimulants, or heroin. While 2002 and 2003 Any Drug rates are comparable to each other, 2004 and 2005 thru 2007 rates should not be compared to each other or to 2002/2003 results, because the substances considered in each year's Any Drug data are not identical. The Any Drug category for 2008 was expanded to include the categories of prescription drugs and over-the-counter drugs. In 2009 the category of Alcopops was added but this substance is treated uniquely and is reported on separately from the alcohol category as it is considered a subcategory of alcohol.

Figure 3-5



3.5 Special Topics in Substance Use

A number of special topics are important to student ATOD use. Heavy ATOD use (3.5.1) and the simultaneous use of multiple substances (3.5.2) are informative to prevention planners and policy makers, both for assessing the current prevalence of serious use but also for predicting future treatment needs. Several topics are predictive of general use in adolescence. These include: age of initiation (3.2), perceived harmfulness (3.5.4), intention to use (3.5.5), perceived availability (3.5.6), depression and substance use (3.5.9), and parental characteristics and substance use (3.5.7). Specific prevention strategies can be applied at the community level if these issues are found to be of local concern. Of particular interest to prevention practitioners involved with environmental strategies to prevent ATOD use, information related to the sources and locations of alcohol use (3.5.3) is useful. Finally, of importance to schools is an examination of the relationship between ATOD use and academic performance (3.5.8).

3.5.1 Heavy Alcohol, Cigarette, and Marijuana Use

The 2011 APNA survey measured heavy use for alcohol, cigarettes, and marijuana. These are the substances that all students, both in Arkansas and nationally, are most likely to use heavily.

Overall, binge drinking appears to be the largest heavy use problem among Arkansas youth. Binge drinking is unique in that the measured prevalence period is the past two weeks. The students are asked on the survey “Think back over the last two weeks. How many times have you had five or more alcoholic drinks in a row?” Table 3-11 shows that 10.0% of youth reported binge drinking at least once in the past two weeks. This was an increase of 0.1% from the 2010 results. Compared to 2006 findings, binge drinking in Arkansas youth has declined by 5.4%, which is a substantial fraction of the 15.4% prevalence rate that was found in 2006. As is typical for most

substances, binge drinking increases predictably for Arkansas students as they progress through middle and high school.

Heavy use of tobacco was measured by the question “How frequently have you smoked cigarettes during the past 30 days?” Response options ranged from “Not at All” to “Two packs or more per day.” Heavy cigarette use was defined as about one-half pack per day or more. Table 3-11 shows the results for heavy tobacco use. The findings show that heavy use was relatively low, <1.0% of all Arkansas students.

Heavy marijuana use was measured by the question: “During the last month, about how many marijuana cigarettes, or the equivalent, did you smoke a day, on the average?” Response options ranged from “None” to “11 or more a day.” Heavy use was defined as reporting use of one or more marijuana cigarettes a day. The findings (Table 3-11) show a prevalence rate of 5.1% for all Arkansas students, with 10.4% of 12th graders reporting heavy marijuana use. This is a small (<1%) increase from the previous year.

Male-female differences also are observed with the heavy use of ATOD substances. Figure 3-6 and Tables 3-12 and 3-13 show that, overall, males engage in these behaviors more than females. The largest difference is a 5.9% higher prevalence rate in boys vs. girls for 12th grade binge drinking. The difference in binge drinking decreases by 0.3% in the 10th grade; however, more 8th grade girls reported binge drinking than 8th grade boys (6.1% vs 5.4%, respectively). In the 12th grade, 13.1% of boys report heavy marijuana use, while 7.9% of girls report the same. Again, this difference decreases somewhat in the 10th grade. There is relatively little difference between boys and girls in heavy cigarette use, but again the boys have the higher prevalence value at all grade levels.

Table 3-11

Percentage of APNA Respondents (Grades 6, 8, 10, and 12 combined) who Engaged in Heavy Substance Use																														
Drug Used	Grade 6						Grade 8						Grade 10						Grade 12						Total					
	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011
Binge drinking	4.3	3.5	3.3	1.7	1.2	1.1	11.4	10.3	10.4	7.4	6.1	5.8	20.9	19.3	17.7	17.2	15.0	15.0	27.8	26.0	25.2	25.2	23.0	23.3	15.4	13.6	13.1	11.7	9.9	10.0
Half Pack / day cigarettes	0.2	0.1	0.1	0.1	0.1	0.1	1.0	0.7	0.7	0.6	0.4	0.4	2.4	1.8	1.7	1.5	1.4	1.1	3.6	3.1	2.8	2.5	2.1	2.0	1.7	1.3	1.2	1.0	0.9	0.8
Heavy marijuana use	1.0	0.7	0.5	0.8	0.6	0.6	3.9	3.0	3.2	3.7	3.4	3.5	7.8	6.6	6.3	8.1	8.1	7.8	8.9	8.7	7.9	9.6	10.1	10.4	5.2	4.3	4.1	5.2	4.9	5.1

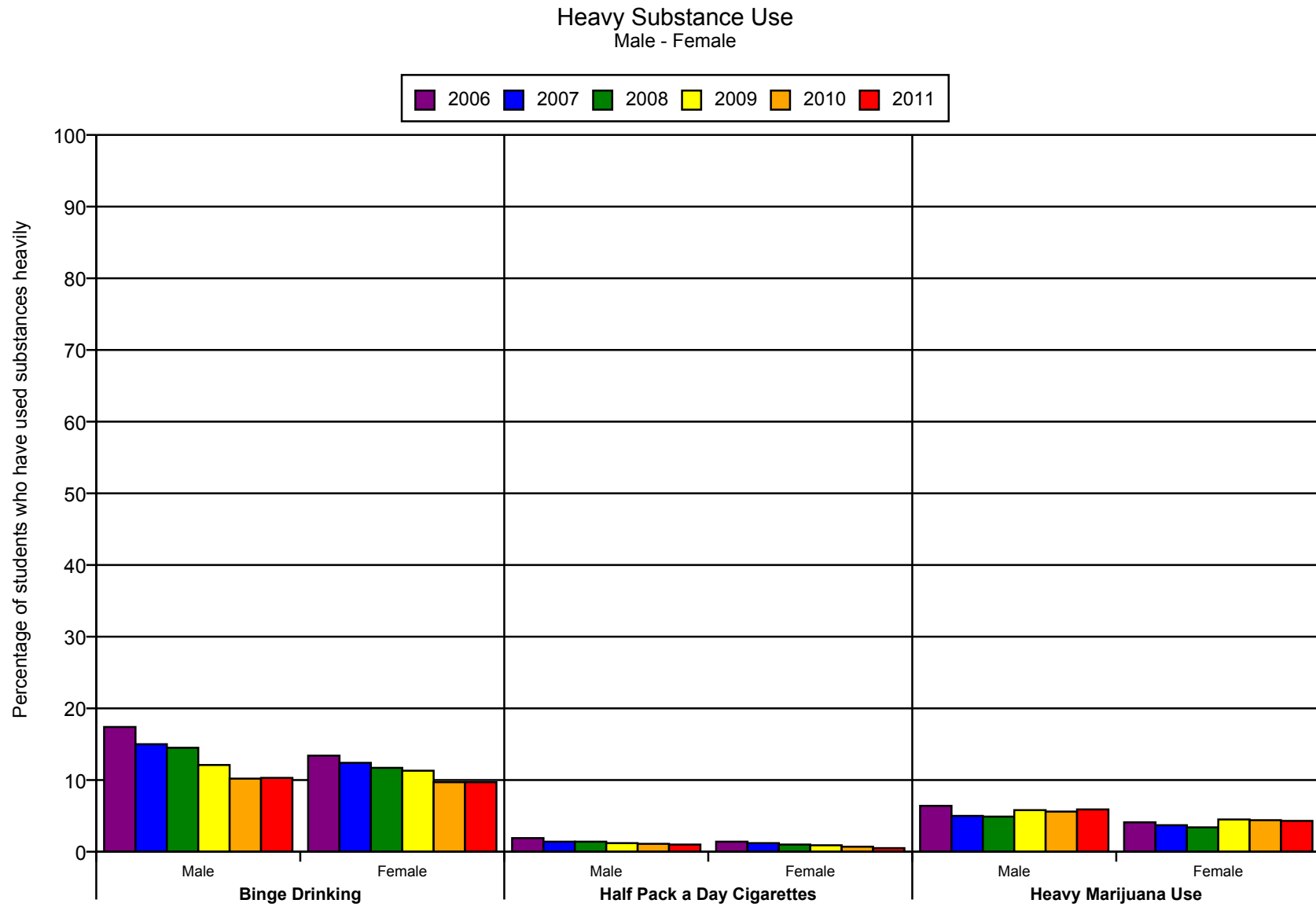
Table 3-12

Percentage of Males who Engaged in Heavy Substance Use																														
Drug Used	Grade 6						Grade 8						Grade 10						Grade 12						Total					
	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011
Binge drinking	4.9	4.2	3.8	1.8	1.2	1.1	11.7	10.6	10.9	6.8	5.4	5.4	23.5	21.1	19.4	18.7	15.8	15.1	33.1	30.4	29.8	27.6	25.5	26.4	17.4	15.0	14.5	12.1	10.2	10.3
Half Pack / day cigarettes	0.3	0.1	0.1	0.2	0.2	0.2	1.2	0.8	0.9	0.7	0.5	0.5	2.6	1.9	2.0	1.6	1.6	1.4	4.2	3.5	3.3	2.9	2.7	2.7	1.9	1.4	1.4	1.2	1.1	1.0
Heavy marijuana use	1.3	0.8	0.7	0.9	0.7	0.8	4.4	3.4	3.5	3.9	3.5	3.9	9.4	7.6	7.5	9.7	9.2	8.8	11.6	10.8	9.9	11.3	12.2	13.1	6.4	5.0	4.9	5.8	5.6	5.9

Table 3-13

Percentage of Females who Engaged in Heavy Substance Use																														
Drug Used	Grade 6						Grade 8						Grade 10						Grade 12						Total					
	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011
Binge drinking	3.7	2.9	2.8	1.7	1.2	1.1	11.0	9.8	9.9	7.9	6.8	6.1	18.2	17.7	16.2	15.9	14.3	14.8	22.9	22.2	21.0	23.1	21.0	20.5	13.4	12.4	11.7	11.3	9.7	9.7
Half Pack / day cigarettes	0.1	0.1	0.0	0.1	0.1	0.1	0.8	0.6	0.6	0.4	0.3	0.2	2.2	1.7	1.4	1.4	1.2	0.8	3.0	2.7	2.3	2.1	1.6	1.4	1.4	1.2	1.0	0.9	0.7	0.5
Heavy marijuana use	0.8	0.6	0.4	0.7	0.5	0.5	3.4	2.6	2.8	3.4	3.3	3.1	6.1	5.7	5.2	6.8	7.0	6.9	6.4	7.0	6.1	8.2	8.3	7.9	4.1	3.7	3.4	4.5	4.4	4.3

Figure 3-6



3.5.2 Simultaneous Use of Multiple Substances

The percentage of youth who used various substances individually and in combination with other substances is shown in Table 3-14. “Any Substance” is defined as using one or more of the 15 substances measured by the survey. The data shown are all based on a past 30-day prevalence period. As is typical, the prevalence rates increase with grade level. The combined grade prevalence rate is shown in the far right column. For easier reference, the overall percentage of students using alcohol, tobacco, and marijuana are also shown.

A substantial number of students report using two or more and three or more substances. Across all grades, 13.1% of Arkansas youth have used two or more substances in the past 30 days, and 7.1% have used three or more substances. Compared to 2010 reports, these rates have decreased by 0.1% for two or more substances and remain the same for three or more substances. The most common combinations are that of alcohol and tobacco (7.2%), and alcohol and any other drug, where 7.6% of Arkansas youth overall report using both in the past 30 days. Nearly as frequent (5.6%) was the combination of tobacco with another drug (not including alcohol). Use of all three substances - alcohol, tobacco, and marijuana, within the past 30 days was reported by 3.3% of all students.

Table 3-14

Percentage Using Multiple Drugs in the Past 30 Days (2011)					
	Grade 6	Grade 8	Grade 10	Grade 12	Total
Any Substance	8.6	20.3	35.5	46.5	25.6
Two or More Substances	2.5	9.2	19.2	27.0	13.1
Three or More Substances	1.0	4.7	10.6	15.3	7.1
Alcohol	2.6	11.0	24.0	35.0	16.3
Cigarettes	1.4	5.7	12.3	20.2	8.8
Smokeless Tobacco	1.5	4.5	8.1	10.5	5.6
Tobacco (cig. or smokeless)	2.4	8.2	16.4	24.2	11.6
Marijuana	0.4	4.0	11.1	16.8	7.1
Tobacco and Alcohol	0.8	4.3	10.5	17.1	7.2
Tobacco and Marijuana	0.2	2.1	6.0	10.0	4.0
Alcohol and Marijuana	0.2	2.6	8.0	13.3	5.2
Marijuana and Tobacco and Alcohol (all three)	0.2	1.5	4.8	8.6	3.3
Alcohol and Any Other Drug	0.9	5.0	11.3	16.7	7.6
Alcohol and Any 1 Other Drug	0.6	2.7	5.8	9.5	4.1
Alcohol and Any 2 Other Drugs	0.2	1.0	2.2	2.9	1.4
Tobacco and Any Other Drug	0.8	3.7	8.2	12.4	5.6
Tobacco and Any 1 Other Drug	0.4	1.9	4.0	6.6	2.9
Tobacco and Any 2 Other Drugs	0.2	0.7	1.5	2.2	1.1

3.5.3 Sources of Alcohol and Location of Alcohol Use

Tables 3-15 and 3-16 provide data related to sources and places of alcohol use for Arkansas youth, if they used at all. Figure 3-7 shows where students usually obtained alcohol, and Figure 3-8 shows the place where they usually used alcohol. While youth using alcohol may have obtained alcohol in various ways and used alcohol in various locations, they were asked to select the one best answer that typically described their method for obtaining alcohol and the place where they usually drank alcohol.

Across all grades, the most prominent source of alcohol among Arkansas youth was from someone 21 years of age or older. This source becomes increasingly used as youth progress from the 6th grade (1.0% obtained alcohol from someone 21 years of age or older) to the 12th grade (25.3% obtained alcohol from someone 21 years of age or older). The next most prominent sources were getting it from home with parents permission (3.8%), getting alcohol from someone the student knew under age 21 (3.7%), getting it from a relative or at home without parent's permission (2.4%), and "other" (5.5%). As might be expected, the percentage of students reporting each of these sources increases with grade level.

Encouragingly, buying alcohol—with or without a fake ID—was rare. Only 0.1% of 6th graders, 0.2% of 8th graders, 0.3% of 10th graders, and 0.6% of 12th graders indicated that they obtained alcohol by buying it with a fake ID and 1.6% of 12th graders who bought alcohol said they did not use a fake ID.

When consuming alcohol, students in the 8th, 10th, and 12th grade indicated that they most often drank alcohol at someone else's house. Students became more likely to drink at someone else's house as they advance in grade (1.6% in the 6th grade, 8.4% in the 8th grade, 20.9% in the 10th grade, and 32.9% in the 12th grade). The second most popular place where youth drank was at their home (3.3% in the 6th grade, 8.6% in the 8th grade, 12.6% in the 10th grade,

and 12.2% in the 12th grade). The likelihood of drinking in an open area, a sporting event or concert, a restaurant, bar, or club, a hotel or motel, in a car, and at school were much less common locations for consuming alcohol, and all increased with grade level. This pattern of use is essentially the same as last year.

A separate question on the survey asked students about whether they had been drunk or high at school in the past year. This is a hybrid question in the sense that it is asking about location (i.e., school setting), the level of use (being drunk or high), and multiple substances (drunk or high). Because of the format of the specific question, the reported percentages for this behavior are based on a past year prevalence period, which makes them more difficult to directly compare with other ATOD questions. Nevertheless, the prevalence for being drunk or high at school in the past year is smaller than the past 30-day prevalence rate for alcohol use, or the past two-week prevalence period for binge drinking. Specifically, by grade level, the percentage of students who said they had ever been drunk or high at school in the past year was 1.6%, 6.7%, 13.9%, and 17.7% for 6th, 8th, 10th, and 12th graders, respectively. (Figure 3-9) These values are slightly lower than last year with the exception of the 12th grade which is slightly higher.

Table 3-15

Percentage of Students Indicating Usual Source of Obtaining Alcohol					
	Grade 6	Grade 8	Grade 10	Grade 12	Total
	2011	2011	2011	2011	2011
Did not drink	92.3	78.0	58.1	43.6	70.6
Bought it with a fake ID	0.1	0.2	0.3	0.6	0.3
Bought it without a fake ID	0.0	0.1	0.4	1.6	0.5
I got it from someone over 21	1.0	4.6	13.0	25.3	9.6
I got it from someone under 21	0.3	2.1	6.2	7.8	3.7
I got it from a brother or sister	0.3	1.0	1.8	1.6	1.1
I got it from home with a parent's permission	1.6	3.7	5.3	5.4	3.8
I got it from home without a parent's permission	0.9	3.2	3.7	1.5	2.4
I got it from another relative	0.7	2.0	2.9	2.7	2.0
A stranger bought it for me	0.1	0.3	0.8	1.4	0.6
I took it from a store	0.1	0.1	0.1	0.1	0.1
Other	2.7	4.6	7.4	8.4	5.5

Table 3-16

Percentage of Students Indicating Where They Usually Consumed Alcohol					
	Grade 6	Grade 8	Grade 10	Grade 12	Total
	2011	2011	2011	2011	2011
Did not drink	93.5	79.2	59.5	44.6	71.9
At home	3.3	8.6	12.6	12.2	8.7
At someone else's home	1.6	8.4	20.9	32.9	14.2
At an open area	0.7	2.0	4.0	5.7	2.8
At a sporting event or concert	0.1	0.3	0.4	0.7	0.4
At a restaurant, bar, or club	0.2	0.4	0.7	1.2	0.6
At an empty building or construction site	0.1	0.2	0.2	0.1	0.2
At a hotel or motel	0.2	0.2	0.6	0.8	0.4
In a car	0.1	0.3	0.7	1.1	0.5
At school	0.1	0.3	0.5	0.6	0.4

Figure 3-7

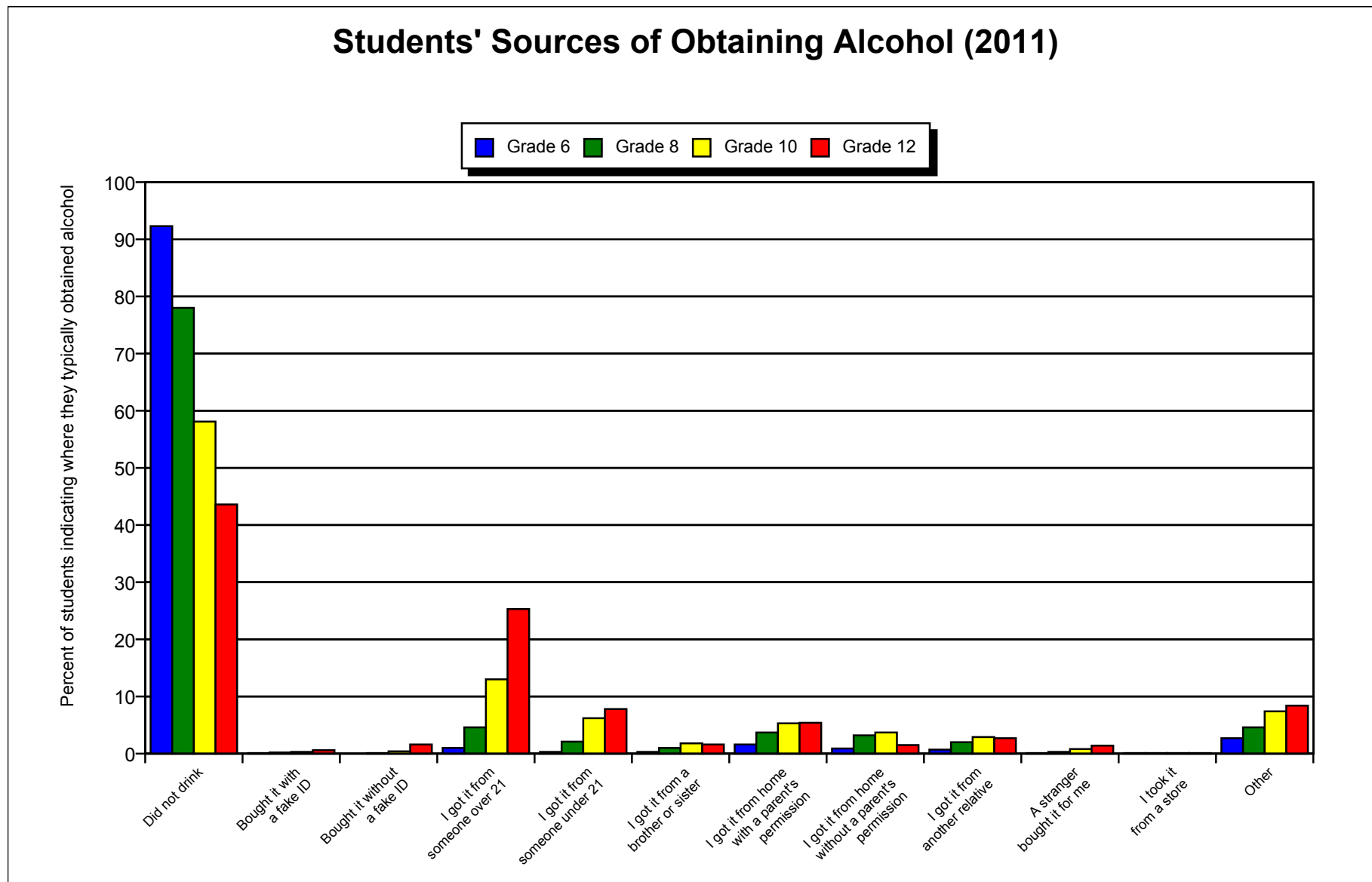


Figure 3-8

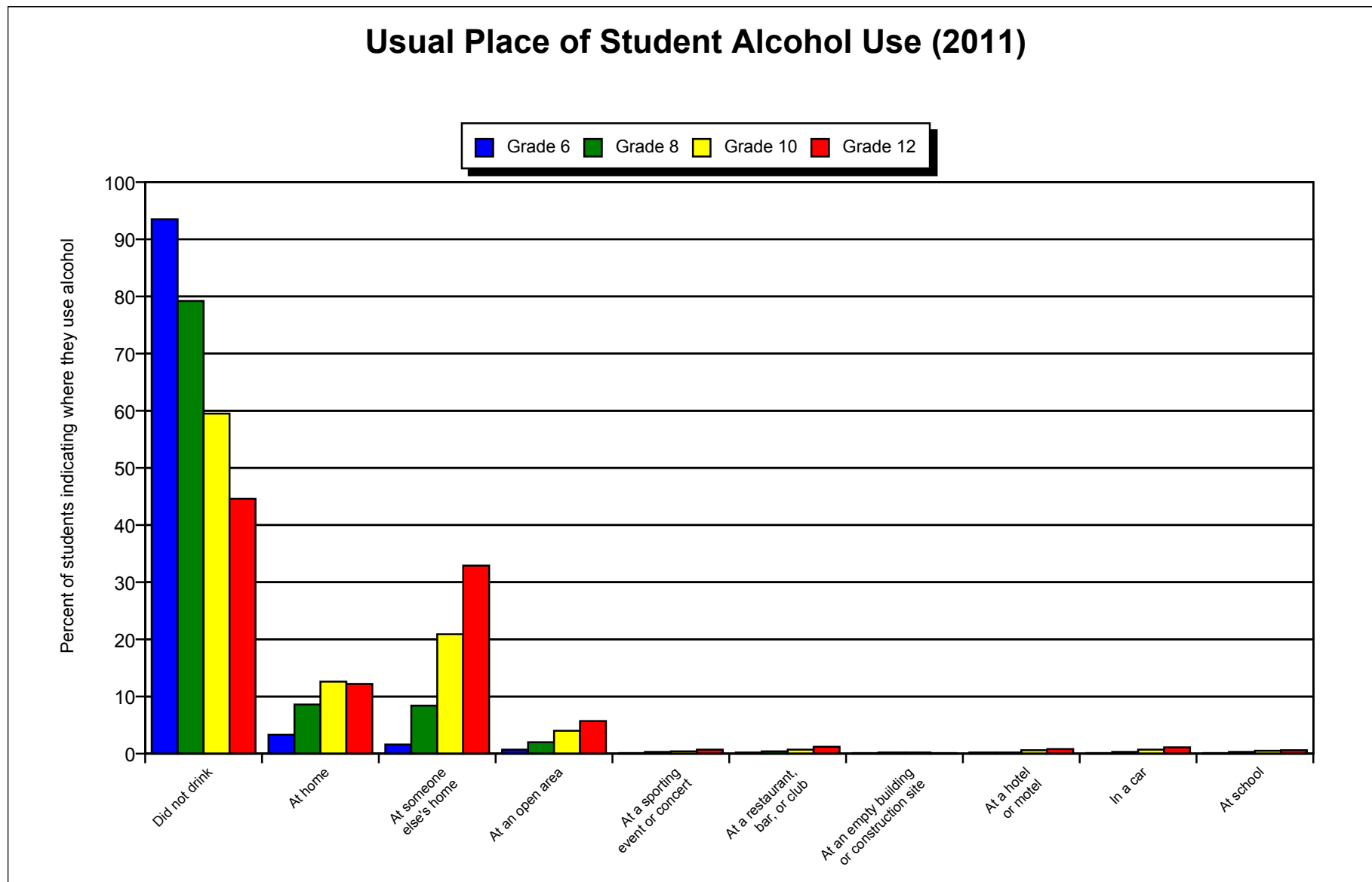
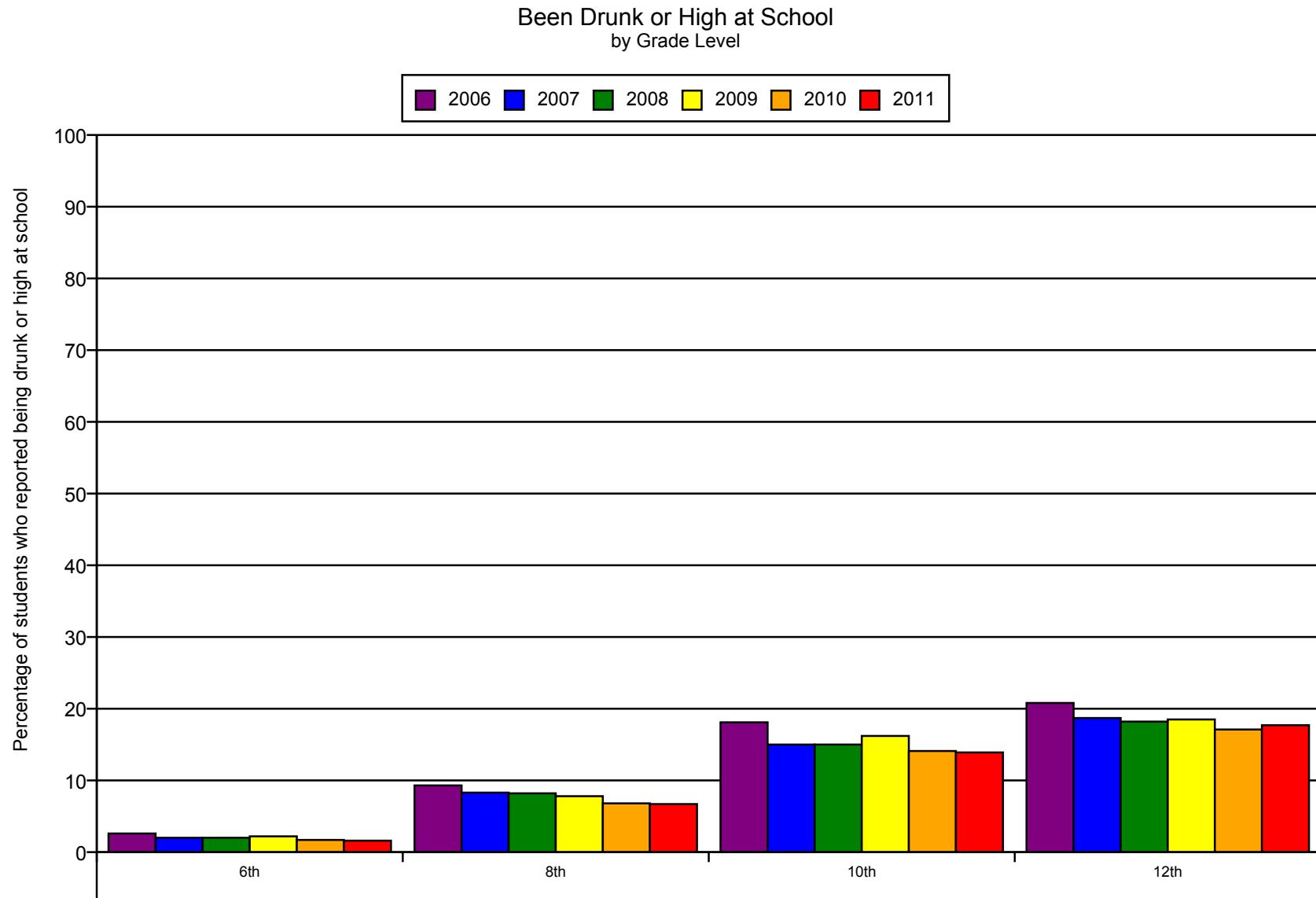


Figure 3-9



3.5.4 Perceived Harmfulness

When youth perceive that a substance is harmful, they are less likely to use it. The APNA survey asked youth, “How much do you think people risk harming themselves (physically or in other ways) if they” smoked cigarettes heavily, tried marijuana, smoked marijuana regularly, drank alcohol regularly, or engaged in binge drinking regularly. Students reported that the previously named substance categories placed them at “No Risk,” “Slight Risk,” “Moderate Risk,” or “Great Risk.” The results are presented in Table 3-17 and Figures 3-10, 3-11 and 3-12.

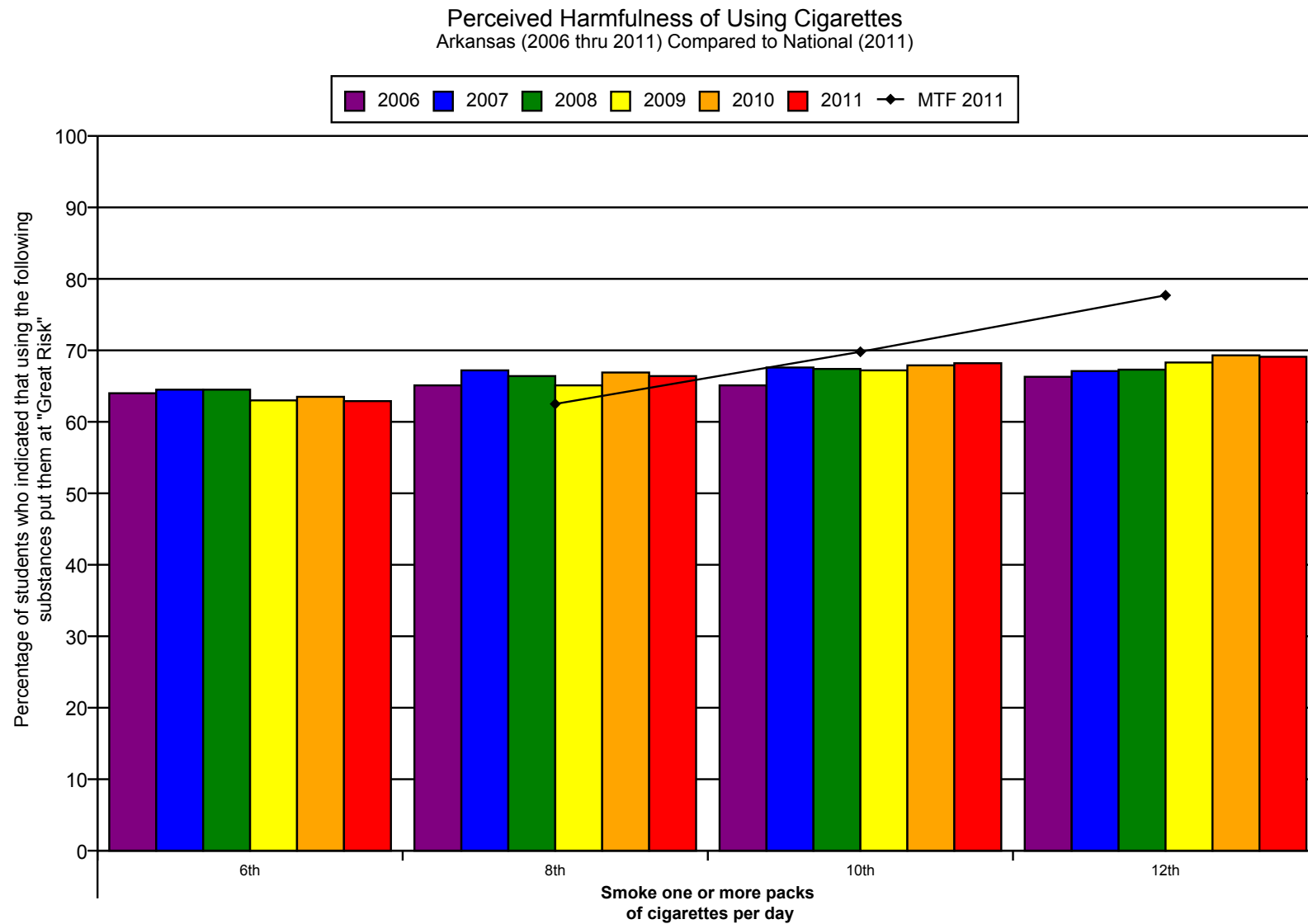
In the 8th, 10th, and 12th grades, where comparisons with MTF are possible, more or an equal percentage of Arkansas students than national MTF survey participants perceived great risk for most of the five categories.

However, this advantage for Arkansas students was lost at some grade levels for some of the categories. For example, fewer Arkansas students in grades 8, 10, and 12 thought drinking 5 or more drinks once or twice a weekend placed people at great risk compared to MTF students, with the largest difference found in the 10th grade (48.7% for Arkansas students vs. 55.5% for MTF students). Perceived great risk in smoking one or more packs of cigarettes per day was also lower among Arkansas grade 12 students (69.1% vs. 77.0%).

Table 3-17

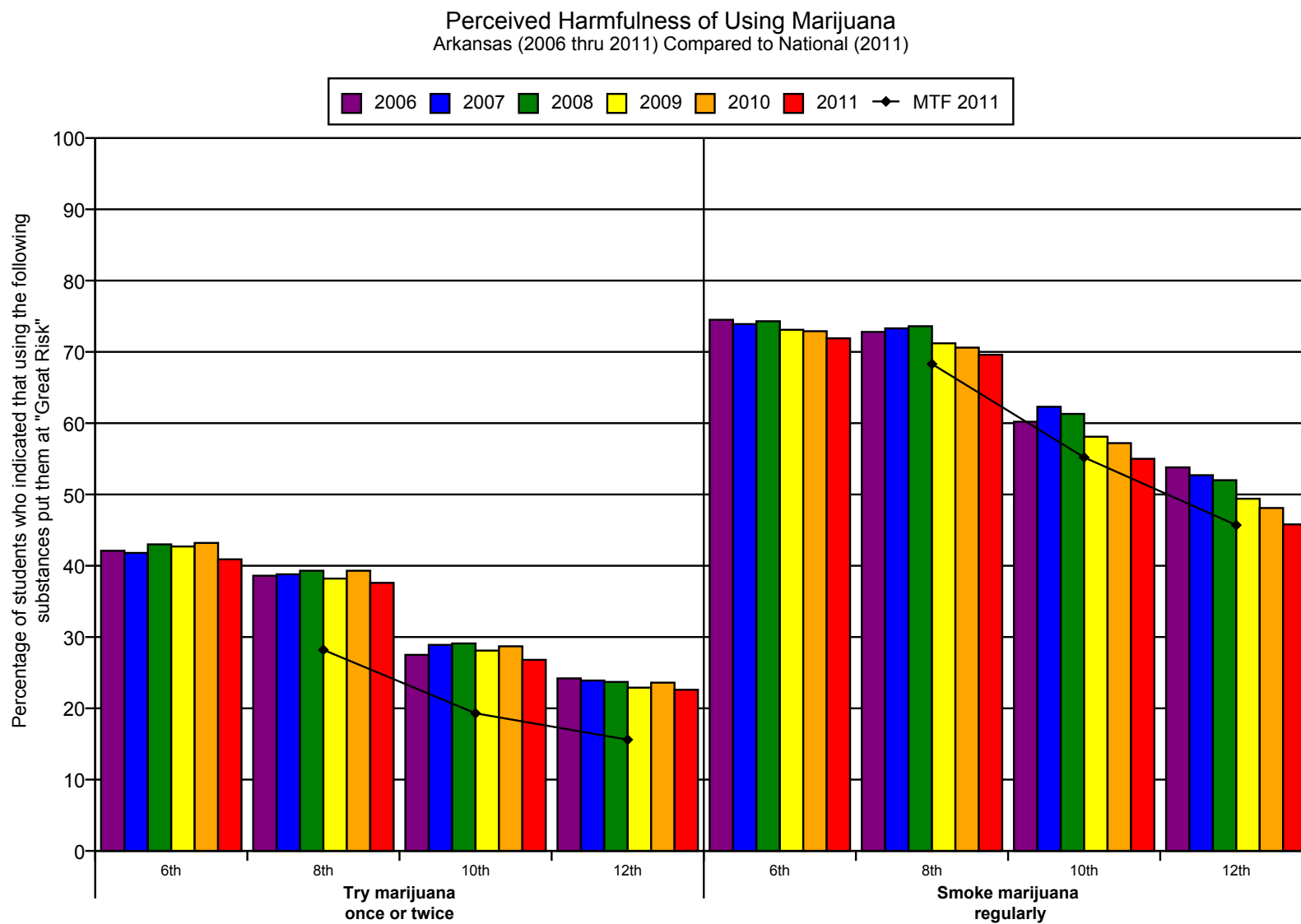
Percentage of Arkansas and Monitoring the Future Respondents Who Perceive that Using the Five Categories of Substances Places People at “Great Risk”																																	
Question	Arkansas Grade 6						Arkansas Grade 8						MTF Grade 8	Arkansas Grade 10						MTF Grade 10	Arkansas Grade 12						MTF Grade 12	Total					
	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2011	2006	2007	2008	2009	2010	2011	2011	2006	2007	2008	2009	2010	2011	2011	2006	2007	2008	2009	2010	2011
Smoke one or more packs of cigarettes per day	64.0	64.5	64.5	63.0	63.5	62.9	65.1	67.2	66.4	65.1	66.9	66.4	62.5	65.1	67.6	67.4	67.2	67.9	68.2	69.8	66.3	67.1	67.3	68.3	69.3	69.1	77.7	65.0	66.5	66.3	65.7	66.6	66.4
Try marijuana once or twice	42.1	41.8	43.0	42.7	43.2	40.9	38.6	38.8	39.3	38.2	39.3	37.6	28.2	27.5	28.9	29.1	28.1	28.7	26.8	19.3	24.2	23.9	23.7	22.9	23.6	22.6	15.6	33.7	34.3	34.8	34.0	35.0	33.0
Smoke marijuana regularly	74.5	73.9	74.3	73.1	72.9	71.9	72.8	73.3	73.6	71.2	70.6	69.6	68.3	60.2	62.3	61.3	58.1	57.2	55.0	55.2	53.8	52.7	52.0	49.4	48.1	45.8	45.7	66.0	66.8	66.5	64.2	63.9	62.2
Drink one or two alcoholic beverages nearly every day	38.8	38.0	38.4	38.7	40.7	40.4	32.4	32.4	32.5	32.5	35.6	35.6	31.8	29.4	29.3	30.4	30.6	32.7	33.0	32.9	29.6	29.9	31.2	31.2	33.5	33.0	24.6	32.8	32.7	33.4	33.5	36.0	35.9
5 or more drinks once or twice a weekend	53.0	53.6	54.0	53.5	54.2	55.1	49.8	51.1	50.8	50.9	53.6	53.8	58.4	43.6	45.5	47.0	47.0	48.7	48.7	55.5	40.5	42.7	43.0	43.6	45.2	44.7	47.6	47.1	48.8	49.3	49.2	51.1	51.2

Figure 3-10



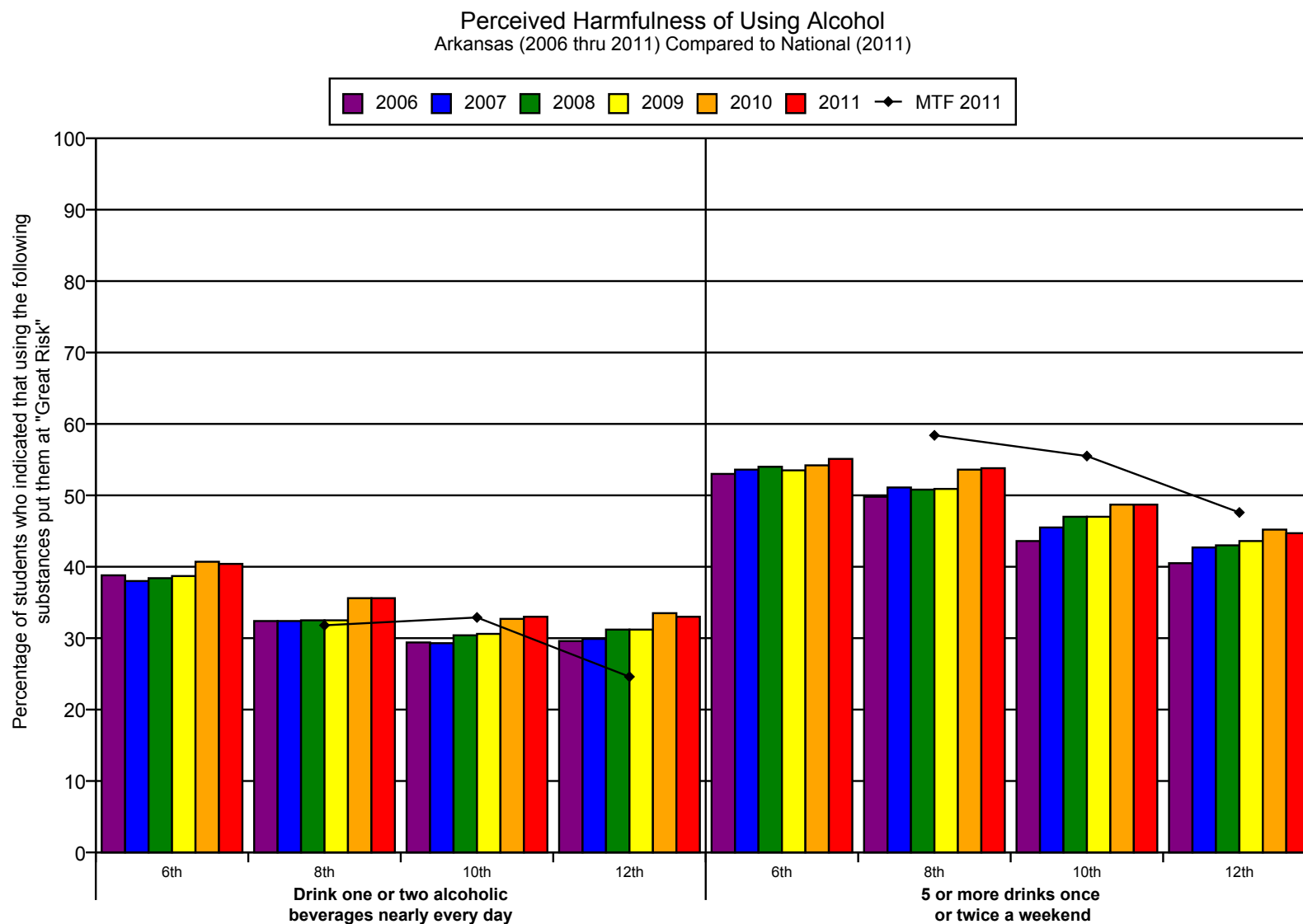
MTF=Monitoring the Future, a national survey of 8th, 10th and 12th graders.

Figure 3-11



MTF=Monitoring the Future, a national survey of 8th, 10th and 12th graders.

Figure 3-12



MTF=Monitoring the Future, a national survey of 8th, 10th and 12th graders.

3.5.5 Intention to Use

Youth were asked whether they would use cigarettes, alcohol, or marijuana when they became an adult. The response categories were NO!, no, yes, and YES! The percentages of youth in each grade answering “YES” or “yes” to the questions are listed in Table 3-18 and Figure 3-13.

As can be seen, a majority of the youth do not intend to use cigarettes or marijuana, although 59.0% of high school seniors intend to use alcohol. This intention rate for alcohol closely mirrors actual adult alcohol use in the United States.

The intention to use all substances increases as youth get older. Intention to use cigarettes, alcohol, marijuana, and other illegal substances in 2011 peaks in the 12th grade. However, this is not the complete story. More critical is

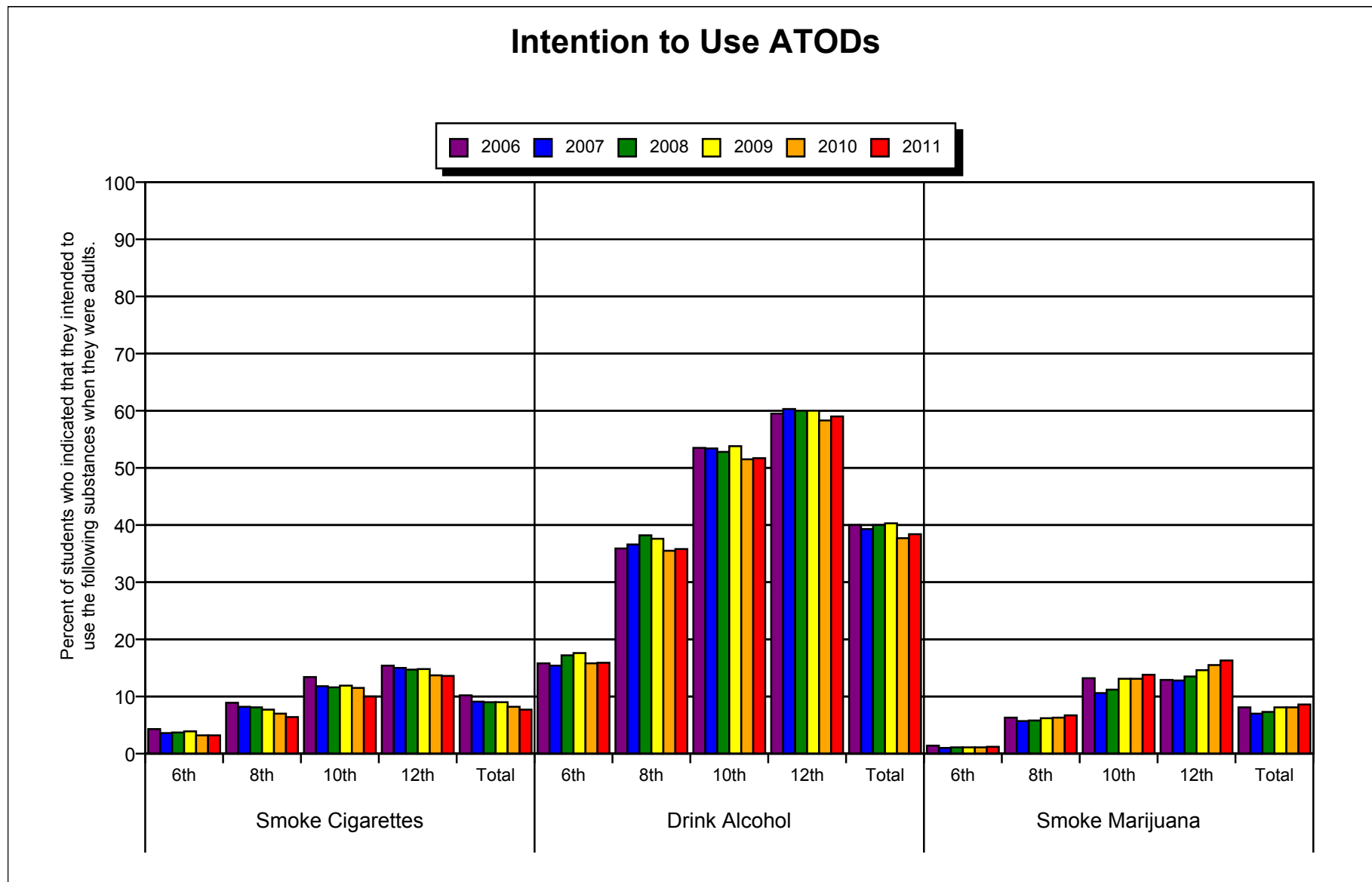
the rapid increase in intentions that occurs in the 8th through 10th grades. The increase in intentions between the 8th and 10th grades, is larger than the increase between the 10th and 12th grades.

Just as with substance use rates, youth intentions to use ATODs increased the most after the 6th grade. From the 6th grade to the 8th grade, intention to smoke cigarettes more than doubled (from 3.2% in the 6th grade to 76.4% in the 8th grade), intention to drink alcohol more than doubled (from 15.9% in the 6th grade to 35.8% in the 8th grade), and intention to smoke marijuana increased from 1.2% to 6.7% in the 8th grade. These data clearly point out the critical need for prevention programs early in adolescence. Youth need prevention programs prior to the onset of substance use and then at regular intervals to maintain low rates of substance use and intention to use. Once the students are in the 12th grade, the decisions to use or not use have likely been made.

Table 3-18

Percentage of Youth with Intention to Use ATODs																														
Question	Grade 6						Grade 8						Grade 10						Grade 12						Total					
	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011
Smoke Cigarettes	4.3	3.6	3.7	3.9	3.2	3.2	8.9	8.2	8.1	7.7	7.0	6.4	13.4	11.8	11.6	11.9	11.5	10.0	15.4	15.0	14.7	14.8	13.7	13.6	10.2	9.1	9.0	9.0	8.2	7.7
Drink Alcohol	15.8	15.4	17.2	17.6	15.8	15.9	35.9	36.6	38.2	37.6	35.5	35.8	53.5	53.4	52.8	53.8	51.5	51.7	59.5	60.3	60.0	60.0	58.3	59.0	40.0	39.3	40.0	40.3	37.7	38.4
Smoke Marijuana	1.4	1.0	1.1	1.1	1.1	1.2	6.3	5.7	5.8	6.2	6.3	6.7	13.2	10.6	11.2	13.1	13.1	13.8	12.9	12.8	13.5	14.6	15.5	16.3	8.1	7.0	7.3	8.1	8.1	8.6
Other Illegal Substances	0.5	0.4	0.3	0.3	0.2	0.3	1.3	0.8	0.8	0.8	0.7	0.7	2.5	1.4	1.3	1.5	1.4	1.5	2.9	2.2	1.9	1.9	2.0	2.1	1.7	1.1	1.0	1.0	1.0	1.0

Figure 3-13



3.5.6 Academic Performance and Substance Use

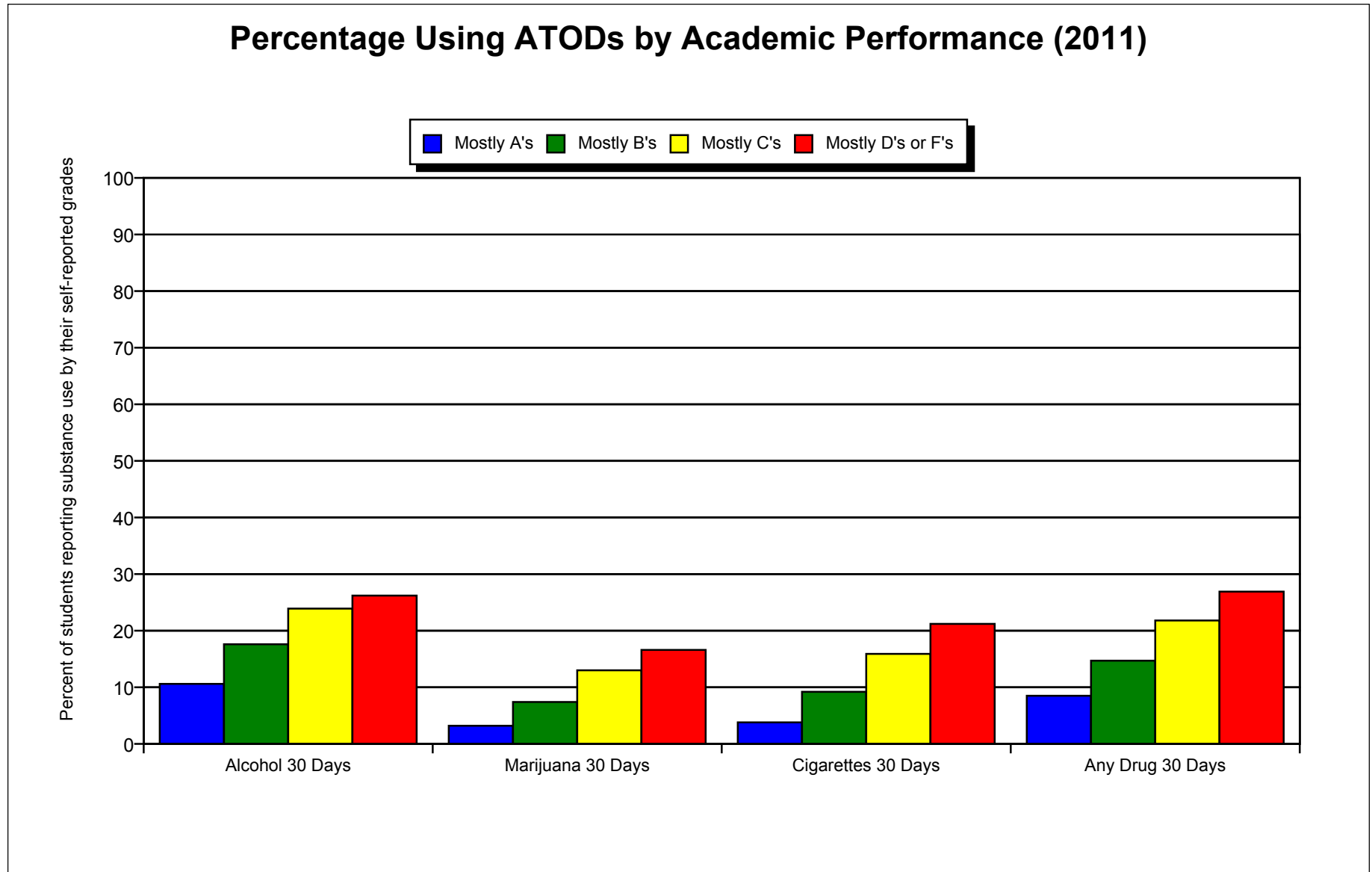
A strong correlation between substance use and academic performance was found in the 2011 APNA survey (Table 3-19 and Figure 3-14). Of the youth who reported getting better grades, fewer have tried ATODs and fewer are currently using ATODs than those who report poorer grades. Failing (earning grades of D or F) youth are two and a half times more likely to have used alcohol in the past 30 days, six times more likely to have used cigarettes in the past 30 days, about six times more likely to have used marijuana in the past 30 days, and three times more likely to have used any drug in the past 30 days than youths receiving grades of A.

It is likely that the youth earning As are more invested in the education process and more bonded to school than their peers receiving poorer grades. One of the challenges for prevention programs is to develop methods of keeping all youth interested in learning and feeling attached to school.

Table 3-19

Percentage Using ATODs by Academic Performance (2011)				
Drugs Used	Academic Performance			
	Mostly A's	Mostly B's	Mostly C's	Mostly D's or F's
Alcohol Lifetime	28.5	41.9	49.9	49.9
Alcohol 30 Days	10.6	17.6	23.9	26.2
Marijuana Lifetime	7.9	16.3	25.7	30.1
Marijuana 30 Days	3.2	7.4	13.0	16.6
Cigarettes Lifetime	13.8	26.7	38.2	44.8
Cigarettes 30 Days	3.8	9.2	15.9	21.2
Any Drug Lifetime	18.6	28.8	38.1	42.0
Any Drug 30 Days	8.5	14.7	21.8	26.9

Figure 3-14



3.5.7 Depressive Symptoms and Substance Use

The substance use rate of youth who reported depressive symptoms is much greater than those who have a more positive outlook on life. The four items to assess depressive symptoms on the survey questionnaire were: 1) Sometimes I think that life is not worth it; 2) At times I think I am no good at all; 3) All in all, I am inclined to think that I am a failure; and 4) In the past year, have you felt depressed or sad MOST days, even if you felt OK sometimes? The questions were scored on a scale of 1 to 4 (NO!, no, yes, YES!). The survey respondents were divided into three groups. Those who scored a mean of greater than 3.75 were categorized as depressed. These youth marked “YES!” to all four items or marked “yes” to one item and “YES!” to three. Those who marked “NO!” to all four items were categorized as optimistic; a middle category was assigned to all remaining respondents. According to this methodology, the APNA survey categorized 3,709 (4.0%) youth as depressed, 16,106 (18%) youth as optimistic and 67,657 (75%) youth in the middle category. (Table 3-20)

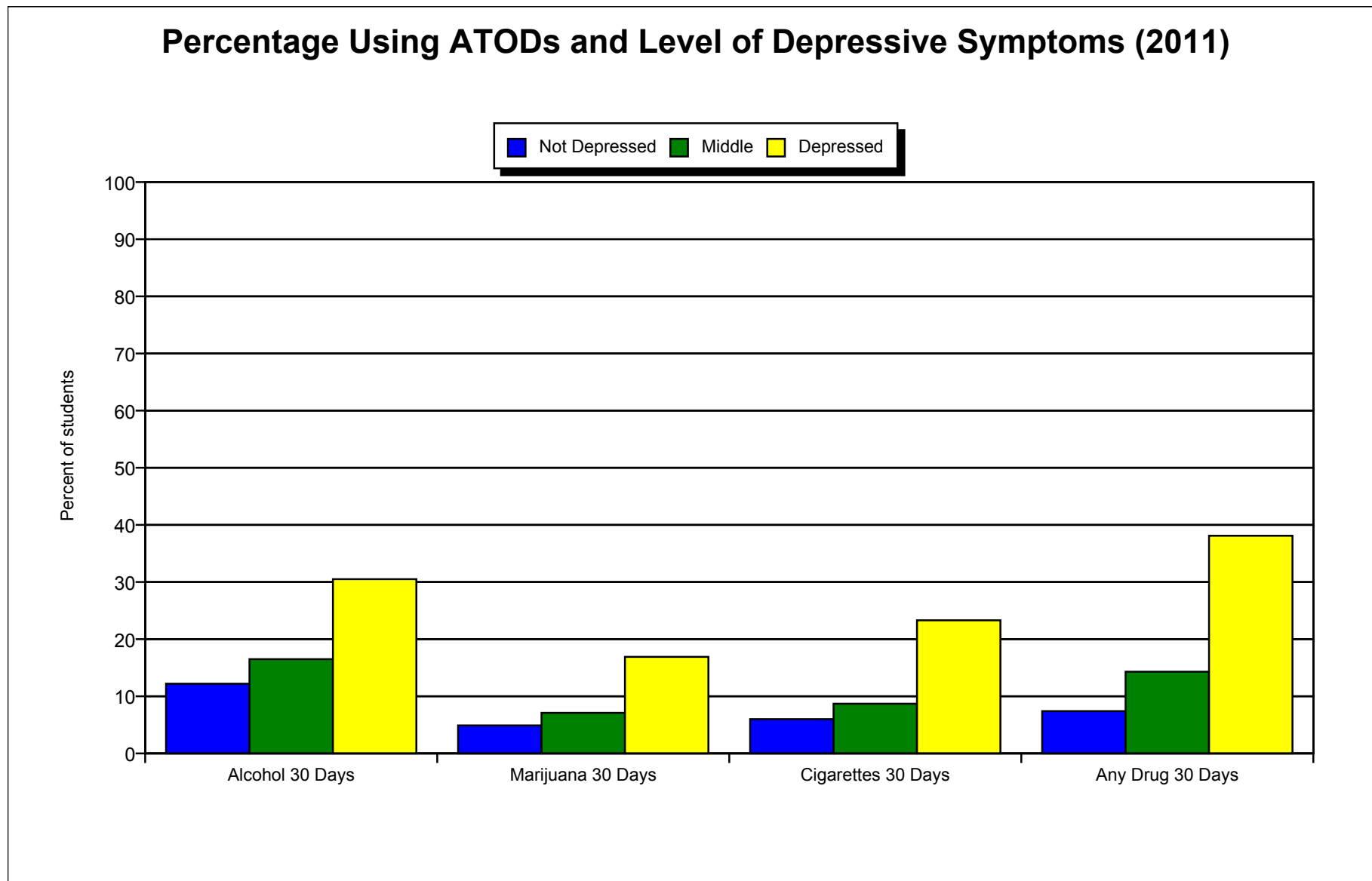
A strong link exists between youth who reported depressive symptoms and ATOD use. When compared to the optimistic group, the depressed youth were more than two times as likely to use alcohol in the past 30 days (30.5% vs. 12.2%), four times as likely to use cigarettes in the past 30 days (23.3% vs. 6.0%), more than three times as likely to use marijuana in the past 30 days (16.9% vs. 4.9%), and nearly five times as likely to have used any drug in the past 30 days (38.1% vs. 7.4%).

The ATOD use rates of the youth in the middle group, comprising most youth, were closer to the rates of the optimistic group than they were to the depressed. For example, for past 30-day alcohol use, the prevalence rates were 12.2%, 16.5% and 30.5% for the optimistic, middle, and depressed groups, respectively. In short, individuals with a positive outlook on life (even with some depressive symptoms) tend to use fewer substances than students with a high level of depressive symptoms.

Table 3-20

Percentage Using ATODs and Level of Depressive Symptoms (2011)			
	Level of Depressive Symptoms		
	Optimistic	Middle	Depressed
Number of Youth	16,106	67,657	3,709
Alcohol Lifetime	27.7	39.5	62.6
Alcohol 30 Days	12.2	16.5	30.5
Marijuana Lifetime	10.9	15.4	32.6
Marijuana 30 Days	4.9	7.1	16.9
Cigarettes Lifetime	15.9	25.2	50.8
Cigarettes 30 Days	6.0	8.7	23.3
Any Drug Lifetime	15.8	28.0	57.2
Any Drug 30 Days	7.4	14.3	38.1

Figure 3-15



Section 4: Behavioral Outcomes Other Than Substance Use

4.1 Introduction to the Measurement of Antisocial Behavior

In the APNA, antisocial behavior is measured through two different sets of questions. First, a series of questions asks students whether they engaged in six specific behaviors in the past year (carrying a handgun, taking a handgun to school, selling illegal drugs, vehicle theft, attacking someone with the intention of seriously hurting them, or having been drunk or high at school); and, also for the past year, whether they were suspended from school or arrested. Second, in another series of questions, students were asked the age at which the following events or behaviors first happened: school suspension, arrest,

carrying a handgun, attacking someone with the intent of seriously hurting them, and gang involvement. The format of the age of initiation questions allows for lifetime prevalence to be derived for these specific behaviors.

Table 4-1 summarizes the prevalence of the antisocial behavior variables measured for the past year. Tables 4-2 and 4-3 provide a breakdown of male/female responses to these questions. Figures 4-1 and 4-2 graphically present the same information.

In the following subsections, specific antisocial behaviors are discussed in greater detail, and age of initiation questions are presented in Section 4.3.

Table 4-1

Percentage of APNA Respondents (Grades 6, 8, 10, and 12 combined) who Engaged in Antisocial Behavior in the Past Year																														
Antisocial Behavior	Grade 6						Grade 8						Grade 10						Grade 12						Total					
	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011
Taken a handgun to school	0.7	0.4	0.4	0.3	0.4	0.4	1.2	0.8	0.8	0.6	0.7	0.6	1.7	0.9	1.1	0.9	0.9	0.9	1.4	0.9	1.1	1.0	1.0	1.1	1.2	0.7	0.8	0.7	0.7	0.7
Carried a handgun	4.7	4.0	4.2	4.1	3.7	3.6	6.0	5.3	5.7	5.2	4.3	4.4	7.0	6.0	6.4	6.3	5.3	4.7	6.8	5.7	6.3	6.1	5.1	5.0	6.1	5.1	5.6	5.3	4.5	4.4
Sold illegal drugs	0.7	0.4	0.4	0.3	0.3	0.2	3.2	2.6	2.1	2.0	2.1	1.9	7.9	6.4	6.6	6.6	6.0	5.6	10.0	8.7	8.6	8.4	8.0	7.8	5.2	4.1	4.0	3.9	3.6	3.4
Stolen a vehicle	1.7	1.3	1.3	1.2	1.2	1.0	3.5	2.7	2.3	2.2	2.0	1.8	4.5	3.4	3.5	3.1	2.8	2.3	3.3	2.2	2.0	2.2	1.7	1.7	3.2	2.4	2.2	2.1	1.9	1.7
Attacked someone to harm	12.8	13.1	13.5	13.9	11.9	11.1	17.9	18.1	18.6	18.4	15.9	14.8	19.2	18.0	18.3	18.8	16.5	14.3	16.2	14.6	14.5	15.2	13.1	11.8	16.5	16.0	16.3	16.6	14.3	13.1
Drunk or high at school	2.6	2.0	2.0	2.2	1.7	1.6	9.3	8.3	8.2	7.8	6.8	6.7	18.1	15.0	15.0	16.2	14.1	13.9	20.8	18.7	18.2	18.5	17.1	17.7	12.2	10.1	10.0	10.3	8.9	9.1
Suspended from school	9.9	11.1	10.5	11.2	10.9	10.6	15.9	16.6	16.6	16.3	15.5	14.8	14.9	14.8	15.1	15.2	14.7	13.2	11.4	10.6	10.6	10.9	10.3	10.1	13.1	13.4	13.3	13.6	13.0	12.3
Been arrested	2.4	2.2	1.9	2.1	2.0	1.6	6.2	5.7	5.7	5.0	4.5	4.3	8.9	7.4	8.2	7.4	6.9	6.0	8.2	7.1	7.2	7.1	6.2	6.1	6.3	5.4	5.5	5.2	4.6	4.3
Have you ever belonged to a gang?*	8.2	6.8	6.7	6.2	5.5	4.7	10.5	9.5	9.8	8.4	7.7	6.9	10.0	8.8	9.0	8.5	7.9	6.4	7.0	6.4	6.8	7.0	6.6	6.3	9.0	7.9	8.1	7.5	6.9	6.1

Table 4-2

Percentage of Males who Engaged in Antisocial Behavior in the Past Year																														
Antisocial Behavior	Grade 6						Grade 8						Grade 10						Grade 12						Total					
	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011
Taken a handgun to school	1.0	0.6	0.6	0.5	0.6	0.7	1.9	1.3	1.1	1.0	1.1	1.0	2.8	1.5	1.9	1.6	1.5	1.5	2.6	1.7	2.0	1.8	1.8	1.8	2.0	1.2	1.3	1.1	1.2	1.2
Carried a handgun	7.9	7.0	7.1	6.9	6.4	5.9	10.1	8.8	9.4	8.7	7.4	7.3	11.8	10.6	11.3	11.0	9.5	8.4	12.0	10.5	11.4	11.0	9.5	8.9	10.3	9.0	9.6	9.2	7.9	7.4
Sold illegal drugs	1.1	0.5	0.6	0.4	0.5	0.4	4.5	3.7	3.0	2.7	2.8	2.7	11.0	8.6	9.5	9.4	8.7	7.7	14.5	12.6	12.3	12.1	12.0	11.5	7.3	5.6	5.6	5.4	5.1	4.8
Stolen a vehicle	2.3	1.8	1.9	1.5	1.6	1.2	4.3	3.5	2.7	2.4	2.4	2.3	6.1	4.4	4.8	3.9	3.6	2.9	4.9	3.2	3.0	3.2	2.6	2.6	4.4	3.2	3.0	2.7	2.5	2.2
Attacked someone to harm	17.9	18.2	18.6	18.3	15.3	14.3	22.6	21.9	22.3	20.9	18.1	16.5	23.9	21.4	22.4	21.8	19.3	16.5	20.8	18.5	17.8	19.3	16.4	14.4	21.3	20.1	20.4	20.1	17.3	15.5
Drunk or high at school	3.1	2.1	2.4	2.3	2.0	1.8	9.4	8.2	7.9	7.3	6.4	6.5	20.2	15.7	15.9	17.6	15.6	14.9	26.4	23.1	22.3	22.5	21.0	22.5	14.0	11.0	10.9	11.2	9.8	10.0
Suspended from school	14.7	16.2	14.8	15.9	15.1	15.3	21.0	21.4	21.1	21.1	19.7	18.4	19.0	18.5	19.1	18.9	18.4	16.4	14.7	13.2	13.5	14.3	13.6	12.9	17.5	17.7	17.3	17.8	16.9	16.0
Been arrested	3.5	3.4	2.9	3.1	2.9	2.3	8.5	7.8	7.5	6.3	5.8	5.5	12.2	9.6	11.3	9.6	8.9	7.5	11.9	10.1	9.6	9.8	8.8	8.7	8.8	7.4	7.4	6.8	6.2	5.6
Have you ever belonged to a gang?*	10.3	9.0	8.9	8.2	7.2	6.2	14.1	12.3	12.7	10.7	9.9	9.2	14.2	12.5	12.8	11.8	11.2	9.0	11.1	10.1	10.5	10.9	10.2	9.9	12.5	11.0	11.2	10.3	9.4	8.4

Table 4-3

Percentage of Females who Engaged in Antisocial Behavior in the Past Year																														
Antisocial Behavior	Grade 6						Grade 8						Grade 10						Grade 12						Total					
	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011
Taken a handgun to school	0.3	0.2	0.1	0.1	0.1	0.1	0.4	0.3	0.4	0.3	0.2	0.2	0.6	0.3	0.3	0.3	0.3	0.4	0.4	0.3	0.3	0.3	0.2	0.4	0.4	0.3	0.3	0.2	0.2	0.3
Carried a handgun	1.5	1.1	1.3	1.4	1.2	1.3	2.2	1.8	2.1	1.9	1.3	1.5	2.3	1.9	1.8	2.0	1.4	1.5	2.0	1.6	1.7	1.7	1.3	1.5	2.0	1.6	1.7	1.8	1.3	1.5
Sold illegal drugs	0.4	0.3	0.2	0.3	0.1	0.1	2.0	1.6	1.2	1.3	1.3	1.1	4.8	4.4	3.9	4.0	3.5	3.6	5.8	5.4	5.2	5.2	4.4	4.5	3.1	2.7	2.4	2.5	2.1	2.1
Stolen a vehicle	1.1	0.7	0.8	0.9	0.8	0.7	2.7	1.9	1.9	1.9	1.6	1.2	3.0	2.5	2.2	2.2	2.0	1.7	1.7	1.4	1.0	1.4	0.9	0.9	2.1	1.6	1.5	1.6	1.3	1.2
Attacked someone to harm	7.9	8.2	8.4	9.5	8.5	7.9	13.3	14.5	14.9	15.9	13.8	13.1	14.7	14.9	14.6	16.1	13.9	12.5	11.8	11.2	11.6	11.7	10.1	9.3	11.9	12.2	12.3	13.3	11.6	10.7
Drunk or high at school	2.0	1.9	1.7	2.0	1.4	1.4	9.1	8.3	8.5	8.1	7.0	6.8	16.0	14.4	14.1	14.8	12.6	12.9	15.7	14.9	14.4	15.1	13.6	13.4	10.4	9.4	9.1	9.5	8.0	8.1
Suspended from school	5.0	6.1	6.2	6.5	6.6	6.0	10.9	11.9	12.0	11.7	11.4	11.3	10.6	11.4	11.4	11.7	11.2	10.3	8.2	8.2	7.9	8.0	7.5	7.5	8.7	9.4	9.4	9.5	9.2	8.8
Been arrested	1.3	0.9	0.9	1.1	1.0	1.0	3.9	3.8	3.8	3.6	3.1	3.1	5.6	5.4	5.3	5.3	5.1	4.5	4.7	4.6	5.0	4.7	3.9	3.8	3.8	3.5	3.6	3.6	3.1	3.0
Have you ever belonged to a gang?*	6.2	4.5	4.5	4.1	3.8	3.3	7.0	6.6	6.8	6.1	5.5	4.7	5.9	5.5	5.6	5.5	4.7	4.1	3.1	3.1	3.4	3.6	3.4	3.1	5.7	5.1	5.2	4.9	4.4	3.8

Figure 4-1

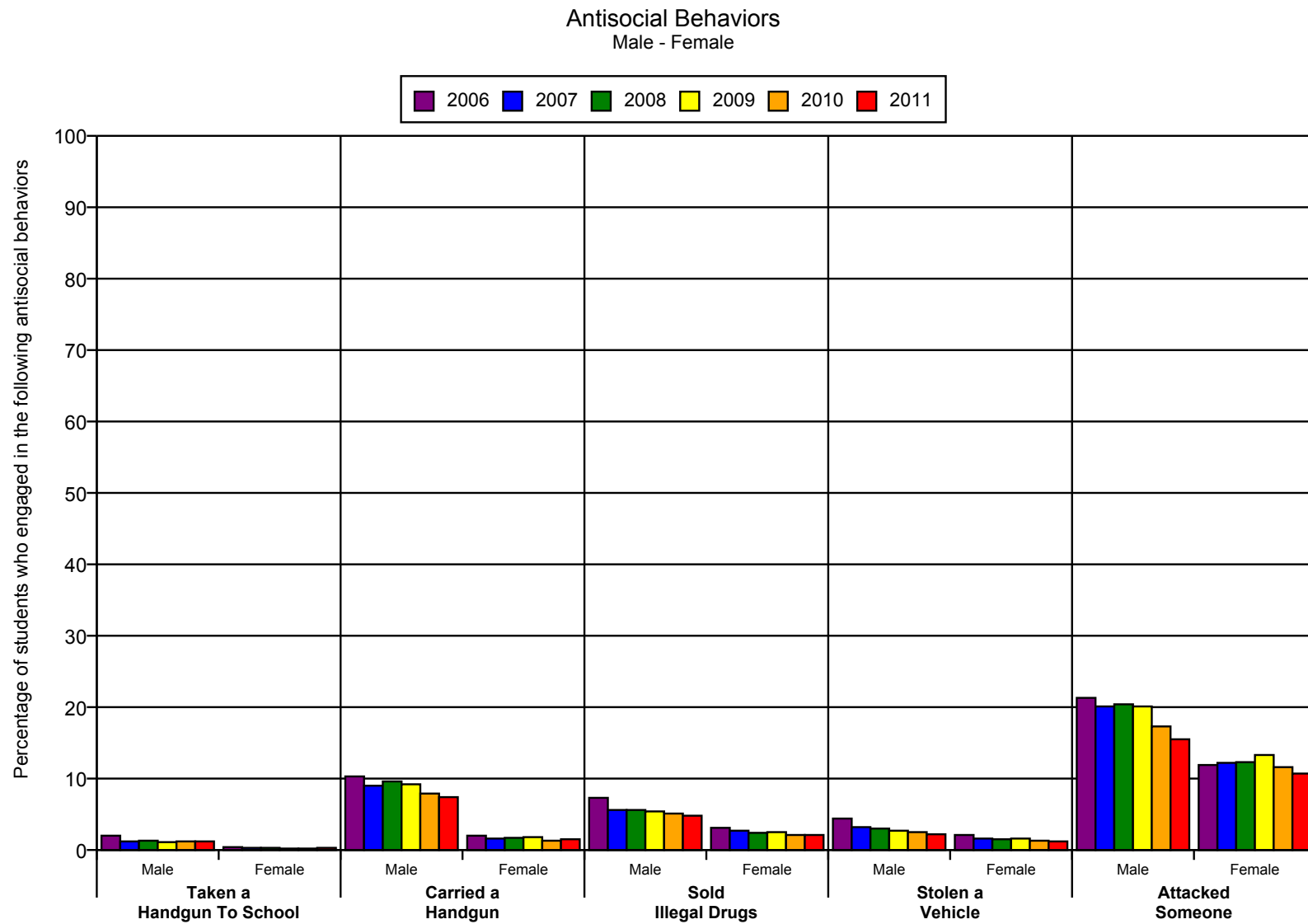
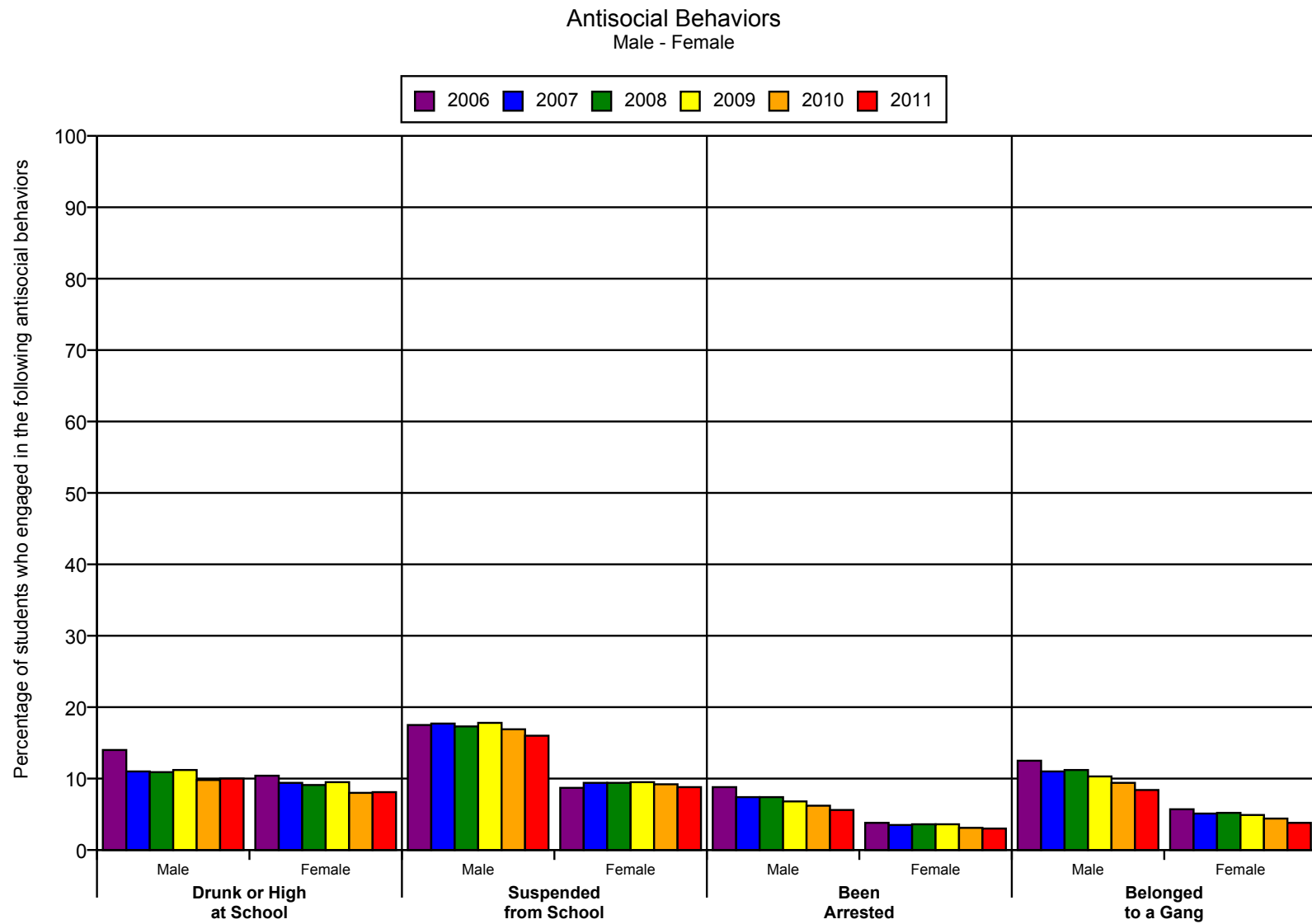


Figure 4-2



4.2 Antisocial Behavior During the Past Year

4.2.1 School Suspension

Students were asked whether they had been suspended from school in the past year. Overall, 12.3% of students reported that they had been suspended from school. Students in 8th and 10th grades were most likely to report suspension. There has been relatively little variation in this behavior over several years, and 2011 results are slightly lower than 2010 results (Table 4-1).

4.2.2 Carrying a Handgun/Taking a Handgun to School

The issue of youth carrying handguns is a serious concern for communities, schools, and families. The APNA survey has two questions about antisocial behaviors related to handguns as shown in Table 4-1. Most of the responses show a low percentage of students who carry handguns or take them to school. For example, 0.7% of the youth surveyed reported taking a handgun to school in the past 12 months, and 4.4% of youth surveyed reported carrying a handgun in the past 12 months. The results from these two questions must be interpreted differently. Taking a handgun to school is, under any circumstances, an extremely deviant event. The extremely low percentage of youth reporting this behavior is encouraging. In fact, with the overall prevalence measurement this low, this is well below the range of the survey to reliably detect the true prevalence.

On the other hand, carrying a handgun is not necessarily a deviant act. Under proper supervision, the use of a handgun by a 6th through 12th grade student is not of concern. The larger percentage of students reporting this event is also within normal bounds and not of immediate concern.

Both of these survey questions also show grade-related effects. When looking at the results by grade, 10th and 12th graders reported the highest rate of taking a handgun to school in the past year (0.9% and 1.1%, respectively) and carrying a handgun in the past year (4.7% and 5.0%, respectively). Again, however, the very low percentage values for taking a handgun to school indicate that the behavior is infrequent enough that it is very difficult for the survey to reliably estimate the true prevalence. Eighth graders reported taking a gun to school and carrying a hand gun in the past year at the rates of .6% and 4.4%, respectively.

Fluctuations of rates across the 2006-2011 time span have been small, with the prevalence rates remarkably stable. Variations from year-to-year of 1% or less are not meaningful.

4.2.3 Selling Illegal Drugs

Students were asked about whether they had sold illegal drugs, by answering the question “How many times in the past year (12 months) have you sold illegal drugs?” Overall, 3.4% of Arkansas students reported that they had sold illegal drugs in the past year. As is typical, the percentage reporting that they had sold drugs increased with grade level, from 0.2% in the 6th grade to 7.8% in the 12th grade. These results are very similar to both 2010 results and for the findings since 2006.

4.2.4 Vehicle Theft

Students were asked about whether they had stolen a vehicle, by answering the question “How many times in the past year (12 months) have you stolen or tried to steal a motor vehicle such as a car or motorcycle?” Overall, very few students, 1.7%, reported that they had stolen a vehicle in the past year. There is only a slight rise in the prevalence of this behavior with age and, in

fact, the percentage of 12th graders reporting this behavior (1.7%) is lower than the 10th grade (2.3%). These results are essentially unchanged since 2010, and have not fluctuated much since 2006.

4.2.5 Arrest

Arrest is not actually a behavior, but a consequence of problem behavior. Its prevalence can be measured like all other antisocial events. As with other antisocial behaviors, the students were asked whether they had been arrested in the past 12 months. Students' interpretations of exactly what the survey question means may vary as they age. Adults think of arrest as a formal detainment with legal consequences. Sixth graders, on the other hand, will mistakenly believe that they have been "arrested" when a much less formal and much more frequent interaction with a police officer, such as a field interview, has occurred. As adolescents mature they acquire a greater understanding and sophistication; what they would have counted as an arrest when they answered the survey at age 11 no longer qualifies at age 16 or 17. Nevertheless, relying on the interpretation of the trend of the results over time, this question is a good marker for current antisocial behavior.

Across all the surveyed grade levels, a total of 4.3% of Arkansas students reported that they were arrested in the past year. Arrest prevalence peaked in the 12th grade, with 6.1% of students. Tenth graders had the second highest level, at 6.0%, followed by 8th graders (4.3%) and 6th graders (1.6%). These figures parallel 2010 findings. As with the other antisocial behaviors, the prevalence rates have been very stable since 2006.

4.2.6 Attacking Someone With the Intention of Seriously Hurting Them

A review of the 2011 data reveals that 13.1% of the youth in Arkansas have attacked someone with the idea of seriously hurting them in the past 12 months. This is the lowest prevalence rate since 2006. And, 2011 findings are lower than the 2010 findings for each grade level.

When looking at the results by grade, it appears that 8th and 10th graders have the most problems with violent behavior and attitudes. This is typical of adolescent populations. 8th graders reported the highest rates of attacking someone in the past 12 months (14.8%), followed by 10th graders (14.3%).

4.2.7 Gang Involvement

Overall, 6.1% of Arkansas students reported that they belonged to a gang sometime in their lifetime. Students' understanding of this question varies depending on their definition of a gang, but it is the ongoing trend data that make this question useful. The 6.1% prevalence rate compares to a 6.9% prevalence in 2010, and an 8.2% prevalence in 2006. (Table 4-1.)

There is not much variation in the prevalence rate by grade level for this question. The rates for 6th, 8th, 10th, and 12th grade students were 4.7%, 6.9%, 6.4% and 6.3%, respectively. A small decrease was reported for each grade level between 2010 and 2011.

While the increase in gang involvement from 2007 to 2008 may have signaled a trend worth watching, the 2011 data bring prevalence rates to the lowest rate across the years for all grades.

4.3 Age of Initiation of Antisocial Behavior

Age of initiation questions ask students about their age when they first engaged in a specific behavior or about their age when a specific event (e.g., school suspension) first occurred. Table 4-4 and Figure 4-3 show results from the age of initiation questions. These data are based only on students who reported the events had happened; students who did not report that the events had happened are excluded from this data.

4.3.1 School Suspension

The average age for first being suspended from school was 11.9. The 2011 results are almost identical to 2007 thru 2010 results.

4.3.2 Arrest

The average age for arrest for Arkansas students was 13.5, and is similar to results from 2007 thru 2010.

4.3.3 Carrying a Handgun

The average age that Arkansas students started carrying a handgun was 12.2 years. This value is similar to previous years, except 2006.

4.3.4 Attacking Someone with the Intent of Seriously Hurting Them

The average age for Arkansas students attacking someone with the intent of seriously hurting them was 12.1 years; this finding is a 0.1% decrease from the previous year which had remained steady since 2007.

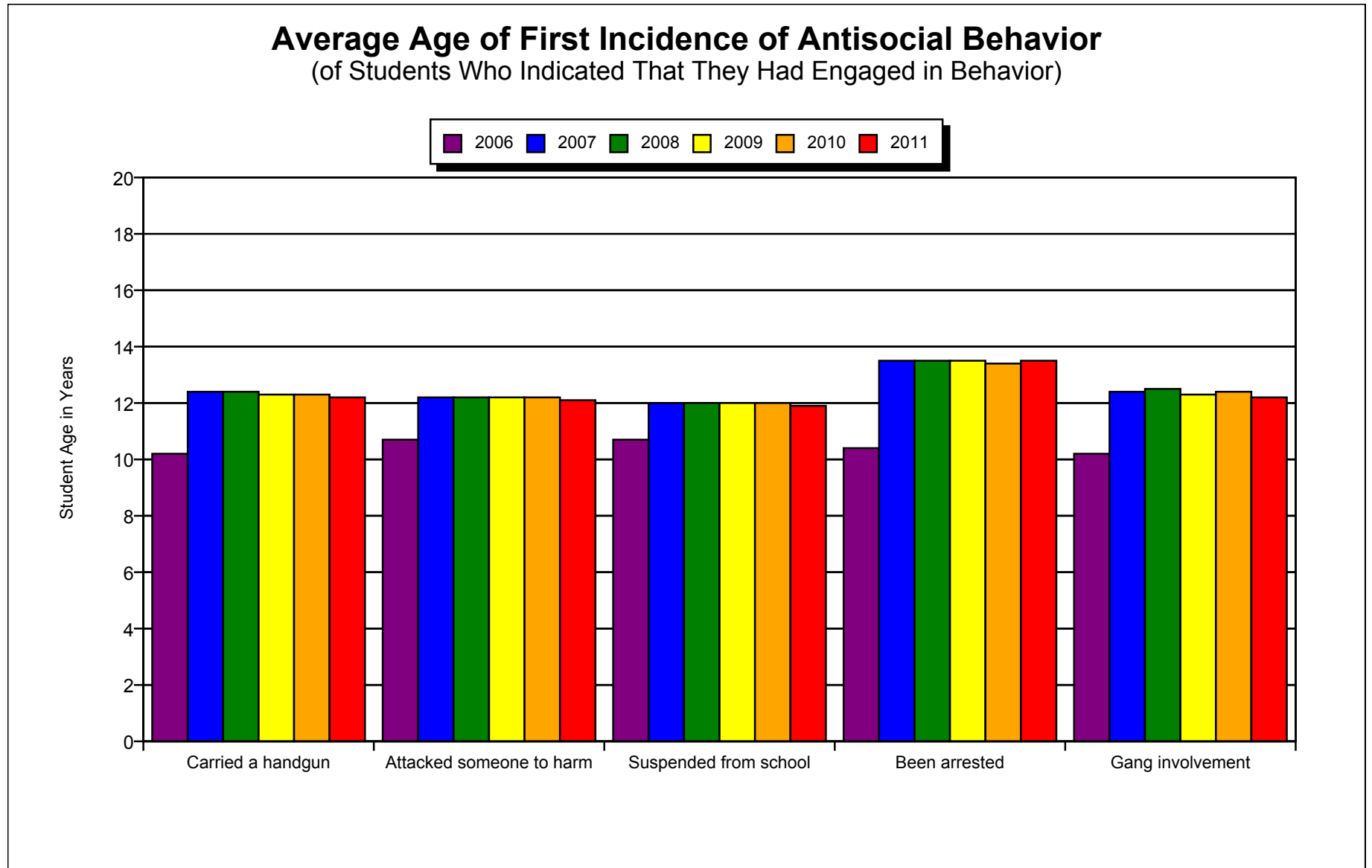
4.3.5 Age of Initiation for Gang Involvement

The 2011 results showed slight variation for this indicator, with its range of 12.2 for 2011, 12.4 in 2010 to 12.3 in 2009, 12.5 in 2008, and 12.4 in 2007.

Table 4-4

Age of Initiation of Antisocial Behavior						
Antisocial Behavior	Average Age of First Antisocial Behavior (Of Students Who Reported Such Behaviors)					
	2006	2007	2008	2009	2010	2011
Carried a handgun	10.2	12.4	12.4	12.3	12.3	12.2
Attacked someone to harm	10.7	12.2	12.2	12.2	12.2	12.1
Suspended from school	10.7	12.0	12.0	12.0	12.0	11.9
Been arrested	10.4	13.5	13.5	13.5	13.4	13.5
Gang involvement	10.2	12.4	12.5	12.3	12.4	12.2

Figure 4-3



Appendices

Appendix A: Arkansas Prevention Needs Assessment 2011 Student Survey 77

Appendix B: Sample Profile Report..... 86

Appendix C: Lifetime and 30-Day ATOD Use For Participating Regions and Counties 152

Appendices Available Online (http://www.arkansas.gov/dhs/dmhs/adap_survey.htm)

Appendix D. Item Dictionary for 2011 APNA Survey

Appendix E. Risk and Protective Factors and Associated Survey Scales

Appendix F. Arkansas Prevention Needs Assessment Survey Item-Level Results

Appendix G. Selected Charts for Males Compared to Females

Arkansas Prevention Needs Assessment (APNA) Survey

Produced by the Arkansas Department of Human Services - Phone: (501) 686-9866.

18. Now thinking back over the past year in school, how often did you:

	Never	Seldom	Sometimes	Often	Almost always
a. enjoy being in school?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b. hate being in school?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c. try to do your best work in school?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
19. How often do you feel that the school work you are assigned is meaningful and important?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

20. Putting them all together, what were your grades like last year?

- ☐ Mostly F's
☐ Mostly D's
☐ Mostly C's
☐ Mostly B's
☐ Mostly A's

21. How important do you think the things you are learning in school are going to be for your later life?

- ☐ Very important
☐ Quite important
☐ Fairly important
☐ Slightly important
☐ Not at all important

22. How interesting are most of your courses to you?

- ☐ Very interesting and stimulating
☐ Quite interesting
☐ Fairly interesting
☐ Slightly dull
☐ Very dull

23. During the LAST FOUR WEEKS how many whole days of school have you missed because you skipped or 'cut'?

- ☐ None
☐ 1
☐ 2
☐ 3
☐ 4-5
☐ 6-10
☐ 11 or more

The next questions ask about your feelings and experiences in other parts of your life.

24. What are the chances you would be seen as cool if you:

	No or very little chance	Little chance	Some chance	Pretty good chance	Very good chance
a. smoked cigarettes?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b. worked hard at school?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c. began drinking alcoholic beverages regularly, that is, at least once or twice a month?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
d. defended someone who was being verbally abused at school?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
e. smoked marijuana?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
f. carried a handgun?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
g. regularly volunteered to do community service?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

25. Think of your four best friends (the friends you feel closest to). In the past year (12 months), how many of your best friends have:

	0	1	2	3	4
a. participated in clubs, organizations or activities at school?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b. smoked cigarettes?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c. tried beer, wine or hard liquor (for example, vodka, whiskey, or gin) when their parents didn't know about it?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
d. made a commitment to stay drug-free?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
e. used marijuana?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
f. tried to do well in school?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
g. used LSD, cocaine, amphetamines, or other illegal drugs?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
h. been suspended from school?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
i. liked school?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
j. carried a handgun?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
k. sold illegal drugs?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
l. regularly attended religious services?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
m. stolen or tried to steal a motor vehicle such as a car or motorcycle?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
n. been arrested?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
o. dropped out of school?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
p. been members of a gang?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

26. How old were you when you first:

	17 or older	16	15	14	13	12	11	10 or younger	Never
a. smoked marijuana?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b. smoked a cigarette, even just a puff?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c. had more than a sip or two of beer, wine or hard liquor (for example, vodka, whiskey, or gin)?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
d. began drinking alcoholic beverages regularly, that is, at least once or twice month?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
e. used phenoxdyne (pox, px, breeze)?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
f. got suspended from school?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
g. got arrested?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
h. carried a handgun?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
i. attacked someone with the idea of seriously hurting them?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
j. belonged to a gang?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

27. How wrong do you think it is for someone your age to:

	Not wrong at all	A little bit wrong	Wrong	Very wrong
a. take a handgun to school?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b. steal anything worth more than \$5?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c. pick a fight with someone?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
d. attack someone with the idea of seriously hurting them?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
e. stay away from school all day when their parents think they are at school?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
f. drink beer, wine or hard liquor (for example, vodka, whiskey, or gin) regularly?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
g. smoke cigarettes?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
h. smoke marijuana?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
i. use LSD, cocaine, amphetamines or another illegal drug?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

28. At school during the past 12 months, did you receive help from the resource teacher, speech therapist or other special education teacher?

☐ No ☐ Yes

29. How many times in the past year (12 months) have you:

	40+ times	30 to 39 times	20 to 29 times	10 to 19 times	6 to 9 times	3 to 5 times	1 to 2 times	Never
a. been suspended from school?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b. carried a handgun?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c. sold illegal drugs?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
d. stolen or tried to steal a motor vehicle such as a car or motorcycle?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
e. participated in clubs, organizations or activities at school?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
f. been arrested?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
g. done extra work on your own for school?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
h. attacked someone with the idea of seriously hurting them?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
i. been drunk or high at school?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
j. volunteered to do community service?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
k. taken a handgun to school?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

30. Are you currently on probation, or assigned a probation officer with Juvenile Court?

☐ No ☐ Yes

31. Have you ever belonged to a gang?

☐ No ☐ Yes, belong now
☐ No, but would like to ☐ Yes, but would like to get out
☐ Yes, in the past

32. If you have ever belonged to a gang, did that gang have a name?

☐ No ☐ Yes ☐ I have never belonged to a gang

33. How many times have you done the following things?

	Once a week or more	2 or 3 times a month	About once a month	Less than once a month	I've done it, but not in the past year	Never
a. done what feels good no matter what.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b. done something dangerous because someone dared you to do it.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c. done crazy things even if they are a little dangerous.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

34. You're looking at CD's in a music store with a friend. You look up and see her slip a CD under her coat. She smiles and says "Which one do you want? Go ahead, take it while nobody's around." There is nobody in sight, no employees and no other customers. What would you do now?

- ☐ Ignore her
☐ Grab a CD and leave the store
☐ Tell her to put the CD back
☐ Act like it is a joke, and ask her to put the CD back
35. You are visiting another part of town, and you don't know any of the people your age there. You are walking down the street, and some teenager you don't know is walking toward you. He is about your size, and as he is about to pass you, he deliberately bumps into you and you almost lose your balance. What would you say or do?
- ☐ Push the person back
☐ Say "Excuse me" and keep on walking
☐ Say "Watch where you are going" and keep on walking
☐ Swear at the person and walk away

36. You are at a party at someone's house, and one of your friends offers you a drink containing alcohol. What would you say or do?

- ☐ Drink it
☐ Tell your friend, "No thanks, I don't drink" and suggest that you and your friend go and do something else
☐ Just say, "No thanks" and walk away
☐ Make up a good excuse, tell your friend you had something else to do, and leave

37. It's 8:00 on a weeknight and you are about to go over to a friend's home when your mother asks you where you are going. You say "Oh, just going to go hang out with some friends." She says, "No, you'll just get into trouble if you go out. Stay home tonight." What would you do now?

- ☐ Leave the house anyway
☐ Explain what you are going to do with your friends, tell her when you will get home, and ask if you can go out
☐ Not say anything and start watching TV
☐ Get into an argument with her

PLEASE DO NOT WRITE IN THIS AREA

[SERIAL]

38. How often do you attend religious services or activities?

- ☐ Never
☐ Rarely
☐ 1-2 Times a Month
☐ About Once a Week or More

39. I do the opposite of what people tell me, just to get them mad.

- ☐ Very False
☐ Somewhat False
☐ Somewhat True
☐ Very True

40. I like to see how much I can get away with.

- ☐ Very False
☐ Somewhat False
☐ Somewhat True
☐ Very True

41. I ignore rules that get in my way.

- ☐ Very False
☐ Somewhat False
☐ Somewhat True
☐ Very True

	NO!	no	yes	YES!
42. I think sometimes it's okay to cheat at school.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
43. It is important to think before you act.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
44. Sometimes I think that life is not worth it.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
45. At times I think I am no good at all.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
46. All in all, I am inclined to think that I am a failure.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
47. In the past year, have you felt depressed or sad MOST days, even if you felt okay sometimes?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
48. It is all right to beat up people if they start the fight.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
49. I think it is okay to take something without asking if you can get away with it.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

50. Sometimes we don't know what we will do as adults, but we may have an idea. Please answer how true these statements may be for you. WHEN I AM AN ADULT I WILL:

	NO!	no	yes	YES!
a. smoke cigarettes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b. drink beer, wine, or liquor	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c. smoke marijuana	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
d. use LSD, cocaine, amphetamines or another illegal drug	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

51. How much do you think people risk harming themselves (physically or in other ways) if they:

	Great risk	Moderate risk	Slight risk	No risk
a. smoke one or more packs of cigarettes per day?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b. try marijuana once or twice?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c. smoke marijuana regularly?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
d. take one or two drinks of an alcoholic beverage (beer, wine, liquor) nearly every day?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
e. have five or more drinks once or twice each weekend?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

52. Have you ever used smokeless tobacco (chew, snuff, plug, dipping tobacco, or chewing tobacco)?

- ☐ Never
☐ Once or Twice
☐ Once in a while but not regularly
☐ Regularly in the past
☐ Regularly now

53. How often have you taken smokeless tobacco during the past 30 days?

- ☐ Not at all
☐ Once or twice
☐ Once or twice per week
☐ Three to five times per week
☐ About once a day
☐ More than once a day

54. Have you ever smoked cigarettes?

- ☐ Never
☐ Once or twice
☐ Once in a while but not regularly
☐ Regularly in the past
☐ Regularly now

55. How frequently have you smoked cigarettes during the past 30 days?

- ☐ Not at all
☐ Less than one cigarette per day
☐ One to five cigarettes per day
☐ About one-half pack per day
☐ About one pack per day
☐ About one and one-half packs per day
☐ Two packs or more per day

56. Which statement best describes rules about smoking inside your home?

- ☐ Smoking is not allowed anywhere inside your home
☐ Smoking is allowed in some places and at some times
☐ Smoking is allowed anywhere inside the home
☐ There are no rules about smoking inside the home
☐ I don't know

57. Which statement best describes rules about smoking in your family cars?

- ☐ Smoking is never allowed in any car
☐ Smoking is allowed sometimes or in some cars
☐ Smoking is allowed in any car anytime
☐ There are no rules about smoking in the car
☐ We do not have a family car
☐ I don't know

58. During this school year, were you taught in any of your classes about the dangers of tobacco use?

	I don't know	Strongly disagree	Disagree	Agree	Strongly agree
58. During this school year, were you taught in any of your classes about the dangers of tobacco use?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
59. 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?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

10604

On how many occasions (if any) have you:

	OCCASIONS						
	0	1-2	3-5	6-9	10-19	20-39	40+
60. had alcoholic beverages (beer, wine or hard liquor) to drink in your lifetime – more than just a few sips?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
61. had beer, wine or hard liquor to drink during the past 30 days ?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
62. used marijuana (grass, pot) or hashish (hash, hash oil) in your lifetime ?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
63. used marijuana (grass, pot) or hashish (hash, hash oil) during the past 30 days ?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
64. used LSD or other psychedelics in your lifetime ?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
65. used LSD or other psychedelics during the past 30 days ?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
66. used cocaine or crack in your lifetime ?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
67. used cocaine or crack during the past 30 days ?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
68. sniffed glue, breathed the contents of an aerosol spray can, or inhaled other gases or sprays, in order to get high in your lifetime ?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
69. sniffed glue, breathed the contents of an aerosol spray can, or inhaled other gases or sprays, in order to get high during the past 30 days ?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
70. used phenoxdyne (pox, px, breeze) in your lifetime ?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
71. used phenoxdyne (pox, px, breeze) during the past 30 days ?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
72. used sedatives (tranquilizers, such as vallium or xanax, barbiturates, or sleeping pills) without a doctor telling you to take them, in your lifetime ?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
73. used sedatives (tranquilizers, such as vallium or xanax, barbiturates, or sleeping pills) without a doctor telling you to take them, during the past 30 days ?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
74. used methamphetamines (meth, speed, crank, crystal meth) in your lifetime ?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
75. used methamphetamines (meth, speed, crank, crystal meth) in the past 30 days ?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
76. used stimulants, other than methamphetamines (such as amphetamines, Ritalin or Dexedrine) without a doctor telling you to take them, in your lifetime ?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
77. used stimulants, other than methamphetamines (such as amphetamines, Ritalin or Dexedrine) without a doctor telling you to take them, during the past 30 days ?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
78. used heroin or other opiates in your lifetime ?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
79. used heroin or other opiates during the past 30 days ?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
80. used MDMA ('X', 'E', or ecstasy) in your lifetime ?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
81. used MDMA ('X', 'E', or ecstasy) during the past 30 days ?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
82. taken prescription drugs (such as Valium, Xanax, Ritalin, Adderall, OxyContin, Darvocet, or sleeping pills) on your own—that is, without a doctor telling you to take them in your lifetime ?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
83. taken prescription drugs (such as Valium, Xanax, Ritalin, Adderall, OxyContin, Darvocet, or sleeping pills) on your own—that is, without a doctor telling you to take them during the past 30 days ?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
84. taken non-prescription medicines such as diet pills (for example, Dietac, Dexatrim or Prolamine), stay-awake pills (for example No-Doz, Vivarin, or Wake), or cough or cold medicines (robos, DXM, etc.) to get high in your lifetime ?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
85. taken non-prescription medicines such as diet pills (for example, Dietac, Dexatrim or Prolamine), stay-awake pills (for example No-Doz, Vivarin, or Wake), or cough or cold medicines (robos, DXM, etc.) to get high during the past 30 days ?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
86. been drunk or very high from drinking alcoholic beverages during the past 30 days ?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
87. drunk flavored alcoholic beverages, sometimes called 'alcopops' (like Mike's Hard Lemonade, Smirnoff Ice, Bacardi Breezers, etc.) in your lifetime ?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
88. drunk flavored alcoholic beverages, sometimes called 'alcopops' (like Mike's Hard Lemonade, Smirnoff Ice, Bacardi Breezers, etc.) in the past 30 days ?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

PLEASE DO NOT WRITE IN THIS AREA



[SERIAL]



10605

89. Think back over the last two weeks. How many times have you had five or more alcoholic drinks in a row?

- ☐ None
☐ Once
☐ Twice
☐ 3-5 times
☐ 6-9 times
☐ 10 or more times

90. During the past 30 days, how many times did you ride in a car or other vehicle driven by someone who had been drinking alcohol?

- ☐ 0 times
☐ 1 time
☐ 2 or 3 times
☐ 4 or 5 times
☐ 6 or more times

91. During the past 30 days, how many times did you drive a car or other vehicle when you had been drinking alcohol?

- ☐ I did not drive a car in the past 30 days
☐ 0 times
☐ 1 time
☐ 2 or 3 times
☐ 4 or 5 times
☐ 6 or more times

92. If you drank alcohol (not just a sip or taste) in the past year, how did you usually get it? Select the one best answer.

- ☐ I did not drink alcohol in the past year
☐ I bought it myself with a fake ID
☐ I bought it myself without a fake ID
☐ I got it from someone I know age 21 or older
☐ I got it from someone I know under age 21
☐ I got it from my brother or sister
☐ I got it from home with my parents' permission
☐ I got it from home without my parents' permission
☐ I got it from another relative
☐ A stranger bought it for me
☐ I took it from a store or shop
☐ Other

93. If you drank alcohol (not just a sip or taste) in the past year, where did you usually drink it? Select the one best answer.

- ☐ I did not drink alcohol in the past year
☐ at my home
☐ at someone else's home
☐ at an open area like a park, beach, field, back road, woods, or a street corner
☐ at a sporting event or concert
☐ at a restaurant, bar, or a nightclub
☐ at an empty building or a construction site
☐ at a hotel/motel
☐ in a car
☐ at school

94. During the last month, about how many marijuana cigarettes, or the equivalent, did you smoke a day, on the average? (If you shared them with other people, count only the amount YOU smoked).

- ☐ None
☐ Less than 1 a day
☐ 1 a day
☐ 2-3 a day
☐ 4-6 a day
☐ 7-10 a day
☐ 11 or more a day

These questions ask about the neighborhood and community where you live.

95. How wrong would most adults (over 21) in your neighborhood think it is for kids your age:

- ☐ a. to use marijuana?
☐ b. to drink alcohol?
☐ c. to smoke cigarettes?

Not wrong at all
 A little bit wrong
 Wrong
 Very wrong

96. How much do each of the following statements describe your neighborhood?

- a. crime and/or drug selling
 b. fights
 c. lots of empty or abandoned buildings
 d. lots of graffiti

97. If I had to move, I would miss the neighborhood I now live in.

98. My neighbors notice when I am doing a good job and let me know about it.

99. I like my neighborhood.

100. There are lots of adults in my neighborhood I could talk to about something important.

101. I'd like to get out of my neighborhood.

102. There are people in my neighborhood who are proud of me when I do something well.

103. There are people in my neighborhood who encourage me to do my best.

104. I feel safe in my neighborhood.

105. Which of the following activities for people your age are available in your community?

- a. sports teams
 b. scouting
 c. boys and girls clubs
 d. 4-H clubs
 e. service clubs

106. If a kid smoked marijuana in your neighborhood would he or she be caught by the police?

107. If a kid drank some beer, wine or hard liquor (for example, vodka, whiskey, or gin) in your neighborhood would he or she be caught by the police?

108. If a kid carried a handgun in your neighborhood would he or she be caught by the police?

	Very easy	Sort of easy	Sort of hard	Very hard
109. If you wanted to get some cigarettes, how easy would it be for you to get some?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
110. If you wanted to get some beer, wine or hard liquor (for example, vodka, whiskey, or gin), how easy would it be for you to get some?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
111. If you wanted to get a drug like cocaine, LSD, or amphetamines, how easy would it be for you to get some?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
112. If you wanted to get a handgun, how easy would it be for you to get one?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
113. If you wanted to get some marijuana, how easy would it be for you to get some?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

114. During the past 12 months, have you participated in any alcohol prevention programs or seen any alcohol prevention messages in your school or community? (Please check all that apply)

☐ Yes, a school-based program focused on preventing underage drinking and/or drinking and driving.

☐ Yes, a community-based program focused on preventing underage drinking and/or drinking and driving (for example, through your church or temple or through youth groups like Boys and Girls Club or 4-H).

☐ Yes, a media campaign addressing underage drinking and/or drinking and driving (for example, newspaper ads, posters, pamphlets, radio, TV).

☐ No

The next few questions ask about your family. When answering these questions please think about the people you consider to be your family, for example, parents, stepparents, grandparents, aunts, uncles, etc.

	Not wrong at all	A little bit wrong	Wrong	Very wrong
115. How wrong do your parents feel it would be for YOU to:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
a. drink beer, wine or hard liquor (for example, vodka, whiskey or gin) regularly?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b. smoke cigarettes?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c. smoke marijuana?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
d. steal something worth more than \$5?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
e. draw graffiti, write things, or draw pictures on buildings or other property (without the owner's permission)?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
f. pick a fight with someone?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

116. During the past 12 months, have you talked with at least one of your parents about the dangers of underage drinking and/or drinking and driving? By parents, we mean either your biological parents, adoptive parents, stepparents, or adult guardians - whether or not they live with you.

☐ No ☐ Yes

117. Have any of your brothers or sisters ever:

	I don't have any brothers or sisters	
	Yes	No
a. drunk beer, wine or hard liquor (for example, vodka, whiskey or gin)?	<input type="radio"/>	<input type="radio"/>
b. smoked marijuana?	<input type="radio"/>	<input type="radio"/>
c. smoked cigarettes?	<input type="radio"/>	<input type="radio"/>
d. taken a handgun to school?	<input type="radio"/>	<input type="radio"/>
e. been suspended or expelled from school?	<input type="radio"/>	<input type="radio"/>

	NO!	no	yes	YES!
118. The rules in my family are clear.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
119. People in my family often insult or yell at each other.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
120. When I am not at home, one of my parents knows where I am and who I am with.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
121. We argue about the same things in my family over and over.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
122. If you drank some beer or wine or liquor (for example, vodka, whiskey, or gin) without your parents' permission, would you be caught by your parents?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
123. My family has clear rules about alcohol and drug use.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
124. If you carried a handgun without your parents' permission, would you be caught by your parents?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
125. If you skipped school would you be caught by your parents?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
126. Do you feel very close to your mother?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
127. Do you share your thoughts and feelings with your mother?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
128. My parents ask me what I think before most family decisions affecting me are made.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
129. Do you share your thoughts and feelings with your father?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
130. Do you enjoy spending time with your mother?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
131. Do you enjoy spending time with your father?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
132. If I had a personal problem, I could ask my mom or dad for help.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
133. Do you feel very close to your father?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
134. My parents give me lots of chances to do fun things with them.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

PLEASE DO NOT WRITE IN THIS AREA

[SERIAL]

	NO!	no	yes	YES!
135. My parents ask if I've gotten my homework done.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
136. People in my family have serious arguments.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
137. Would your parents know if you did not come home on time?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
138. It is important to be honest with your parents, even if they become upset or you get punished.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

139. My parents notice when I am doing a good job and let me know about it.

- ☐ Never or Almost Never
☐ Sometimes
☐ Often
☐ All the time

140. How often do your parents tell you they're proud of you for something you've done?

- ☐ Never or Almost Never
☐ Sometimes
☐ Often
☐ All the time

141. How many brothers and sisters, including stepbrothers and sisters, do you have that are younger than you?

- ☐ 0
☐ 1
☐ 2
☐ 3
☐ 4
☐ 5
☐ 6 or more

142. How many brothers and sisters, including stepbrothers and sisters, do you have that are older than you?

- ☐ 0
☐ 1
☐ 2
☐ 3
☐ 4
☐ 5
☐ 6 or more

143. Have you changed homes in the past year (the last 12 months)?

- ☐ No
☐ Yes

144. How many times have you changed homes since kindergarten?

- ☐ Never
☐ 1 or 2 times
☐ 3 or 4 times
☐ 5 or 6 times
☐ 7 or more times

145. Have you changed schools (including changing from elementary to middle and middle to high school) in the past year?

- ☐ No
☐ Yes

146. How many times have you changed schools since kindergarten (including changing from elementary to middle and middle to high school)?

- ☐ Never
☐ 1 or 2 times
☐ 3 or 4 times
☐ 5 or 6 times
☐ 7 or more times

147. Has anyone in your family ever had a severe alcohol or drug problem?

- ☐ No
☐ Yes

148. About how many adults (over 21) have you known personally who in the past year have:

- a. used marijuana, crack, cocaine, or other drugs?
 b. sold or dealt drugs?
 c. done other things that could get them in trouble with the police, like stealing, selling stolen goods, mugging or assaulting others, etc.?
 d. gotten drunk or high?

	Number of Adults				
	0	1	2	3-4	5+
a.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
d.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Now we would like to ask you some questions about information on underage drinking you may have seen or heard on the radio, TV, newspaper, internet, or other sources in the past 12 months.

149. Have you seen or heard information about underage drinking in the past 12 months from the following sources?

	Yes	No
a. Radio.	<input type="radio"/>	<input type="radio"/>
b. TV.	<input type="radio"/>	<input type="radio"/>
c. Print. This includes information on underage drinking you may have seen in the newspaper, on a billboard, in pamphlets, on stickers, etc.	<input type="radio"/>	<input type="radio"/>
d. Website or social media? (Facebook, Myspace, website, etc.)	<input type="radio"/>	<input type="radio"/>

150. The next questions ask about your opinions of the information you saw or heard. If you have seen or heard more than one ad, please think about your favorite ad when answering these questions.

- a. The information about underage drinking that I saw or heard was convincing.
 b. The information about underage drinking that I saw or heard grabbed my attention.
 c. The information about underage drinking that I saw or heard said something important to me.
 d. Seeing or hearing this information about underage drinking made me want to stop or decrease my drinking.

I have not seen or heard any ads about underage drinking in the past 12 months.

	yes	no	NO!
a.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
b.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
c.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
d.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

151. How honest were you in filling out this survey?

- ☐ I was very honest
☐ I was honest pretty much of the time
☐ I was honest some of the time
☐ I was honest once in a while
☐ I was not honest at all

Thank you for completing the survey.



10608



2011 APNA

Arkansas Prevention Needs Assessment Student Survey



Sample State Profile Report

Arkansas Department of Human Services
Division of Behavioral Health Services

Conducted by International Survey Associates dba Pride Surveys

Contents

1 INTRODUCTION	6
1.1 The Risk and Protective Factor Model of Prevention	9
2 TOOLS FOR ASSESSMENT AND PLANNING	9
3 SCHOOL IMPROVEMENT USING SURVEY DATA	10
3.1 What are the numbers telling you?	10
3.2 How to decide if a rate is "unacceptable."	10
3.3 Use these data for planning:	10
4 HOW TO READ THE CHARTS AND TABLES	11
5 NO CHILD LEFT BEHIND PROFILE	57
6 STUDENT TOBACCO USE, EXPERIENCES AND PREVENTION SERVICES	63
7 DRUG-FREE COMMUNITIES SUPPORT PROGRAM CORE MEASURES	66
8 PREVENTION RESOURCES	68
8.1 Regional Prevention Resource Centers	68
8.2 State and National Contacts	70

List of Tables

1 Student Totals	7
2 Grade	7
3 Sex	8
4 Ethnic Origin	8
5 Risk and Protective Factor Scale Definition	36
6 Alcohol - Lifetime Use	38
7 Cigarettes - Lifetime Use	38
8 Chewing Tobacco - Lifetime Use	38
9 Marijuana - Lifetime Use	38
10 Hallucinogens - Lifetime Use	39
11 Cocaine - Lifetime Use	39
12 Inhalants - Lifetime Use	39
13 Sedatives - Lifetime Use	39
14 Meth - Lifetime Use	40
15 Stimulants - Lifetime Use	40
16 Heroin - Lifetime Use	40
17 Ecstasy - Lifetime Use	40
18 Prescription Drugs - Lifetime Use	41
19 Over-The-Counter Drugs - Lifetime Use	41
20 Alcopops - Lifetime Use	41
21 Any Drug - Lifetime Use	41
22 Alcohol - Past 30 Day Use	41
23 Cigarettes - Past 30 Day Use	42
24 Chewing Tobacco - Past 30 Day Use	42
25 Marijuana - Past 30 Day Use	42
26 Hallucinogens - Past 30 Day Use	42
27 Cocaine - Past 30 Day Use	43
28 Inhalants - Past 30 Day Use	43
29 Sedatives - Past 30 Day Use	43
30 Meth - Past 30 Day Use	43
31 Stimulants - Past 30 Day Use	44
32 Heroin - Past 30 Day Use	44
33 Ecstasy - Past 30 Day Use	44
34 Prescription Drugs - Past 30 Day Use	44
35 Over-The-Counter Drugs - Past 30 Day Use	44
36 Alcopops - Past 30 Day Use	45
37 Any Drug - Past 30 Day Use	45
38 Binge Drinking	45
39 Pack of Cigarettes	45
40 Suspended from School	45
41 Drunk or High at School	45
42 Sold Illegal Drugs	46
43 Stolen a Vehicle	46

44	Been Arrested	46
45	Attacked to Harm	46
46	Carried a Handgun	46
47	Handgun to School	46
48	Community Risk - Low Neighborhood Attachment	47
49	Community Risk - High Community Disorganization	47
50	Community Risk - Transitions and Mobility	47
51	Community Risk - Laws and Norms Favorable to Drug Use	47
52	Community Risk - Perceived Availability of Drugs	47
53	Community Risk - Perceived Availability of Handguns	47
54	Family Risk - Poor Family Management	48
55	Family Risk - Family Conflict	48
56	Family Risk - Family History of Antisocial Behavior	48
57	Family Risk - Parental Attitudes Favorable to ATOD	48
58	Family Risk - Parental Attitudes Favorable to ASB	48
59	School Risk - Academic Failure	48
60	School Risk - Low Commitment to School	49
61	Peer Risk - Rebelliousness	49
62	Peer Risk - Early Initiation of Drug Use	49
63	Peer Risk - Early Initiation of ASB	49
64	Peer Risk - Peer Favorable Attitudes to ASB	49
65	Peer Risk - Peer Favorable Attitudes to Drug Use	49
66	Peer Risk - Intentions to Use	50
67	Peer Risk - Peer Perceived Risk of Drug Use	50
68	Peer Risk - Interaction with Antisocial Peers	50
69	Peer Risk - Friends' Use of Drugs	50
70	Peer Risk - Sensation Seeking	50
71	Peer Risk - Peer Rewards for Antisocial Involvement	50
72	Peer Risk - Depressive Symptoms	51
73	Peer Risk - Gang Involvement	51
74	Community Protective - Opportunities for Prosocial Involvement	51
75	Community Protective - Rewards for Prosocial Involvement	51
76	Family Protective - Family Attachment	51
77	Family Protective - Family Opportunities for PSI	51
78	Family Protective - Family Rewards for PSI	52
79	School Protective - School Opportunities for PSI	52
80	School Protective - School Rewards for PSI	52
81	Peer Protective - Religiosity	52
82	Peer Protective - Social Skills	52
83	Peer Protective - Belief in a Moral Order	52
84	Peer Protective - Prosocial Involvement	53
85	Peer Protective - Peer Rewards for Prosocial Involvement	53
86	Peer Protective - Interaction with Prosocial Peers	53
87	Sources of Alcohol	54
88	Location of Alcohol Use	54

89	I feel safe at my school.	55
90	How often have you taken a handgun to school.	55
91	How wrong do you think it is for someone your age to take a gun to school.	56
92	Have any of your brothers/sisters ever taken a gun to school.	56
93	Avg Age of First Marijuana	57
94	Avg Age of First Cigarettes	57
95	Avg Age of First Alcohol	57
96	Avg Age of First Regular Alcohol Use	57
97	Avg Age of First School Suspension	57
98	Avg Age of First Been Arrested	58
99	Avg Age of First Carried a Gun	58
100	Avg Age of First Attacked to Harm	58
101	Avg Age of First Belonged to a Gang	58
102	Cigarettes - Lifetime Use	63
103	Chewing Tobacco - Lifetime Use	63
104	Cigarettes - Past 30 Day Use	63
105	Chewing Tobacco - Past 30 Day Use	63
106	Which statement best describes rules about smoking inside your home?	64
107	Which statement best describes rules about smoking in your family cars?	64
108	During this school year, were you taught in any of your classes about the dangers of tobacco use?	65
109	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?	65
110	Core Measure by Grade for Past 30 Day Use	66
111	Core Measure by Grade for Perception of Risk	66
112	Core Measure by Grade for Parental Disapproval	66
113	Core Measure by Grade for Age of Onset	66
114	Core Measure by Sex for Past 30 Day Use	67
115	Core Measure by Sex for Perception of Risk	67
116	Core Measure by Sex for Parental Disapproval	67
117	Core Measure by Sex for Age of Onset	67

List of Figures

1	Alcohol, Tobacco and Other Drug Use - Grade 6	12
2	Alcohol, Tobacco and Other Drug Use - Grade 8	13
3	Alcohol, Tobacco and Other Drug Use - Grade 10	14
4	Alcohol, Tobacco and Other Drug Use - Grade 12	15
5	Heavy Use and Antisocial Behavior - Grade 6	16
6	Heavy Use and Antisocial Behavior - Grade 8	17
7	Heavy Use and Antisocial Behavior - Grade 10	18
8	Heavy Use and Antisocial Behavior - Grade 12	19
9	Risk Factors - Grade 6	20
10	Risk Factors - Grade 8	21
11	Risk Factors - Grade 10	22
12	Risk Factors - Grade 12	23
13	Protective Factors - Grade 6	24
14	Protective Factors - Grade 8	25
15	Protective Factors - Grade 10	26
16	Protective Factors - Grade 12	27
17	School Safety Profile - Grade 6	28
18	School Safety Profile - Grade 8	29
19	School Safety Profile - Grade 10	30
20	School Safety Profile - Grade 12	31
21	Sources and Locations of Alcohol Use - Grade 6	32
22	Sources and Locations of Alcohol Use - Grade 8	33
23	Sources and Locations of Alcohol Use - Grade 10	34
24	Sources and Locations of Alcohol Use - Grade 12	35
25	No Child Left Behind Profile - Grade 6	59
26	No Child Left Behind Profile - Grade 8	60
27	No Child Left Behind Profile - Grade 10	61
28	No Child Left Behind Profile - Grade 12	62

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 2011. 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	2008-9	2009-10	2010-11	2011-12
Total Students	region	85,130	88,912	87,760	90,468
	state	85,130	88,912	87,760	90,468

Table 2: Grade

Response	Group	2008-9		2009-10		2010-11		2011-12	
		pct	n	pct	n	pct	n	pct	n
6	region	28.8	24,553	28.5	25,324	29.8	26,125	28.7	25,980
	state	28.8	24,553	28.5	25,324	29.8	26,125	28.7	25,980
8	region	27.7	23,547	27.8	24,711	28.4	24,882	28.1	25,464
	state	27.7	23,547	27.8	24,711	28.4	24,882	28.1	25,464
10	region	24.0	20,451	24.3	21,629	23.4	20,530	24.3	21,957
	state	24.0	20,451	24.3	21,629	23.4	20,530	24.3	21,957
12	region	19.5	16,579	19.4	17,248	18.5	16,223	18.9	17,067
	state	19.5	16,579	19.4	17,248	18.5	16,223	18.9	17,067

Table 3: Sex

Response	Group	2008-9		2009-10		2010-11		2011-12	
		pct	n	pct	n	pct	n	pct	n
Male	region	48.5	40,590	48.3	42,276	48.7	42,253	48.5	43,428
	state	48.5	40,590	48.3	42,276	48.7	42,253	48.5	43,428
Female	region	51.5	43,061	51.7	45,185	51.3	44,591	51.5	46,195
	state	51.5	43,061	51.7	45,185	51.3	44,591	51.5	46,195

Table 4: Ethnic Origin

Response	Group	2008-9		2009-10		2010-11		2011-12	
		pct	n	pct	n	pct	n	pct	n
Hispanic	region	8.2	7,828	8.8	8,900	9.3	9,427	9.7	10,184
	state	8.2	7,828	8.8	8,900	9.3	9,427	9.7	10,184
Black or African American	region	17.1	16,250	18.2	18,449	16.7	16,904	16.9	17,822
	state	17.1	16,250	18.2	18,449	16.7	16,904	16.9	17,822
Asian	region	1.5	1,460	1.5	1,532	1.7	1,731	1.8	1,880
	state	1.5	1,460	1.5	1,532	1.7	1,731	1.8	1,880
American Indian	region	4.6	4,341	4.4	4,480	4.8	4,843	4.9	5,163
	state	4.6	4,341	4.4	4,480	4.8	4,843	4.9	5,163
Alaska Native	region	0.2	181	0.2	213	0.2	206	0.2	231
	state	0.2	181	0.2	213	0.2	206	0.2	231
White	region	60.7	57,673	58.6	59,377	59.2	60,031	58.3	61,357
	state	60.7	57,673	58.6	59,377	59.2	60,031	58.3	61,357
Native Hawaiian	region	0.5	489	0.6	627	0.7	734	0.7	742
	state	0.5	489	0.6	627	0.7	734	0.7	742
Other	region	7.2	6,832	7.6	7,703	7.4	7,553	7.4	7,836
	state	7.2	6,832	7.6	7,703	7.4	7,553	7.4	7,836

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.

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

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.

Measure	Unacceptable Rate #1	Unacceptable Rate #2	Unacceptable Rate #3	Unacceptable 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.

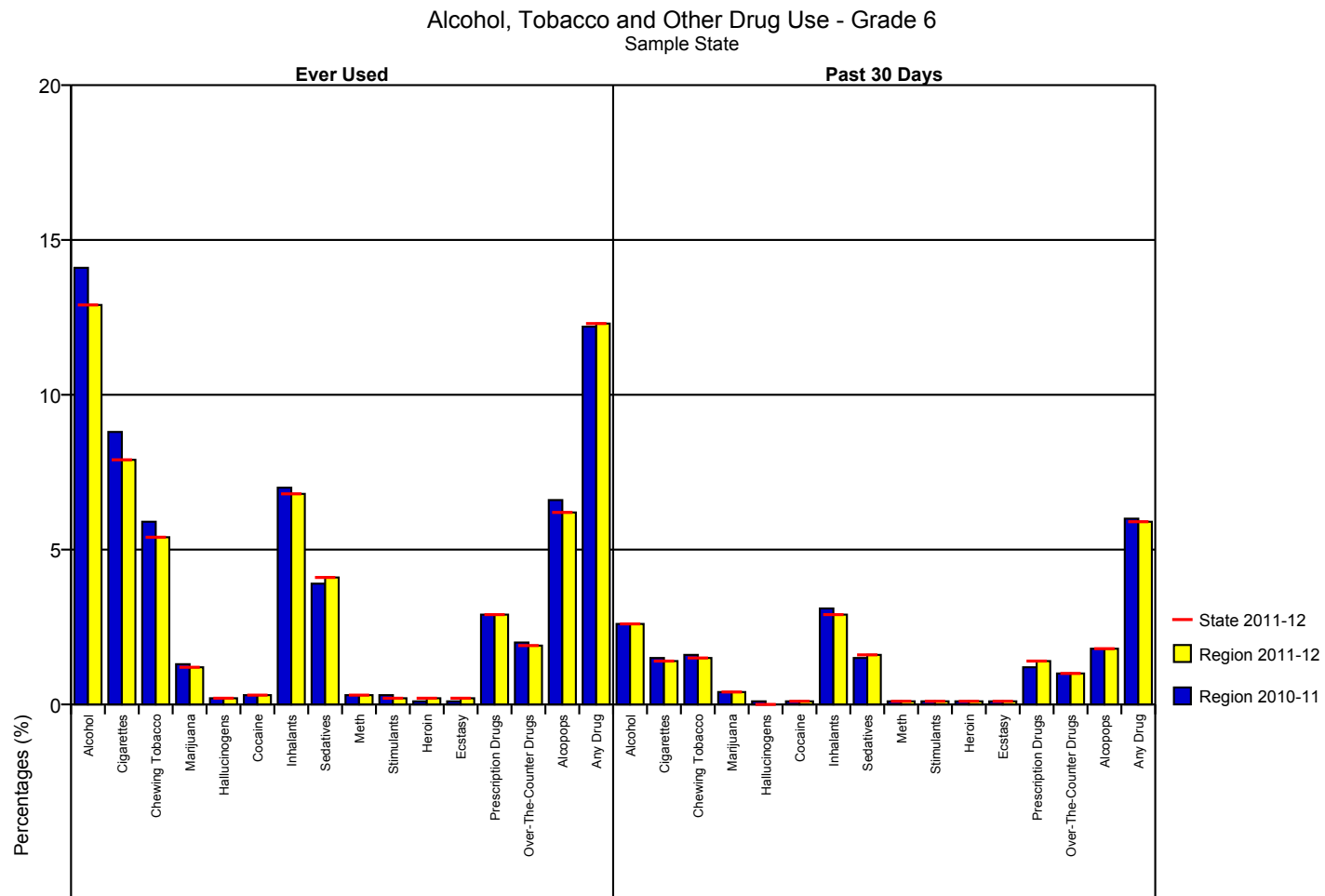


Figure 1: Alcohol, Tobacco and Other Drug Use - Grade 6

Alcohol, Tobacco and Other Drug Use - Grade 8 Sample State

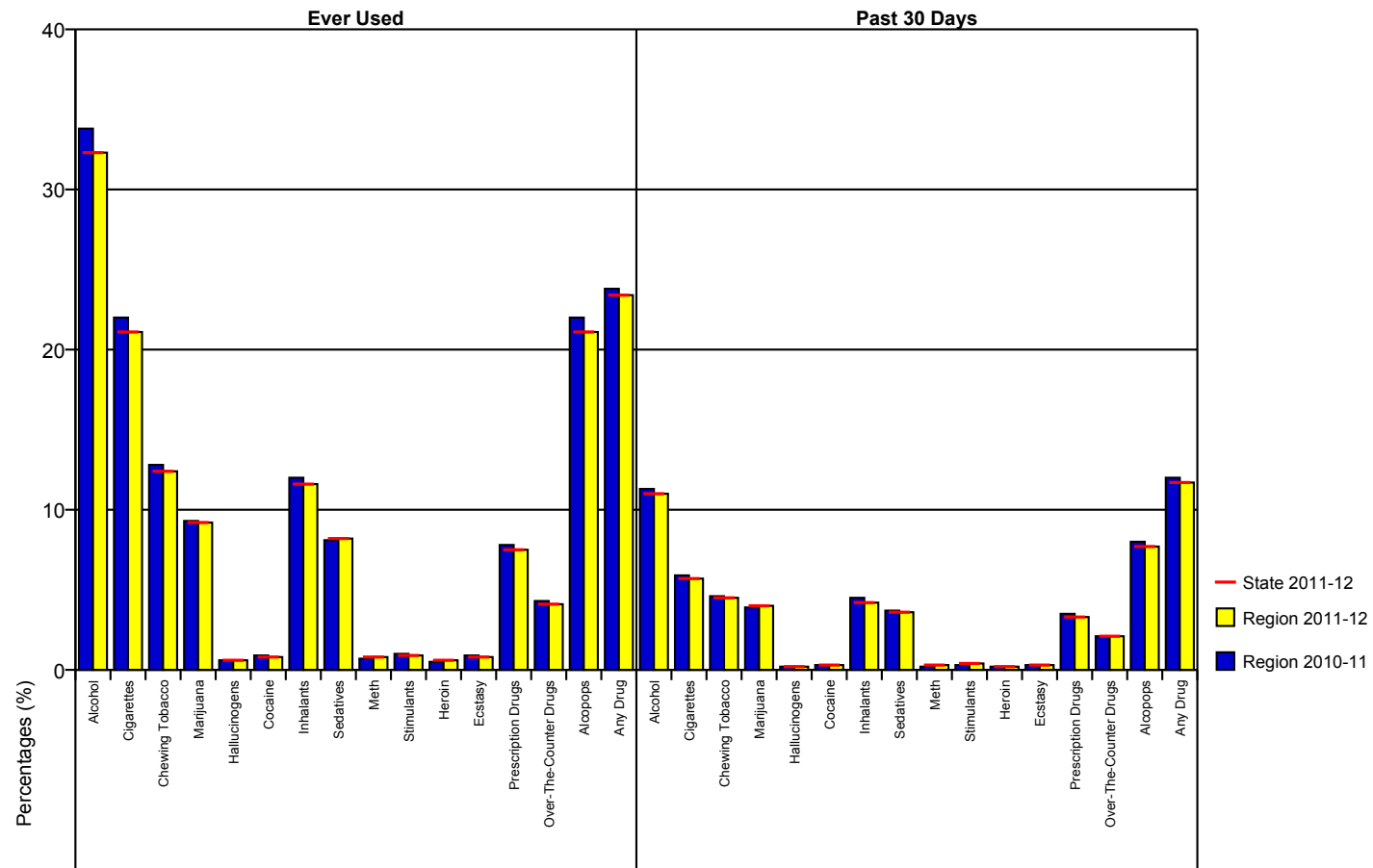


Figure 2: Alcohol, Tobacco and Other Drug Use - Grade 8

Alcohol, Tobacco and Other Drug Use - Grade 10 Sample State

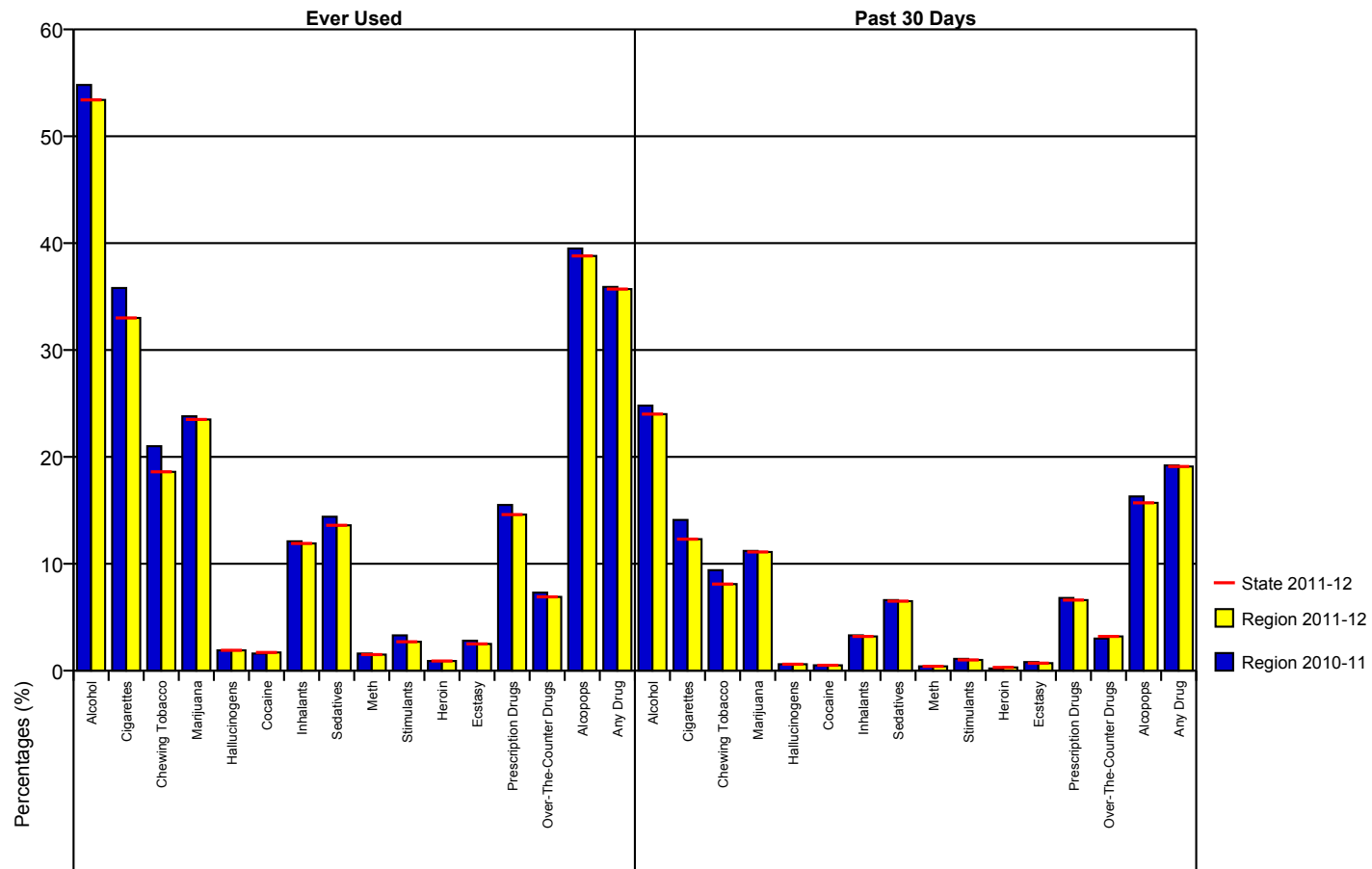


Figure 3: Alcohol, Tobacco and Other Drug Use - Grade 10

Alcohol, Tobacco and Other Drug Use - Grade 12 Sample State

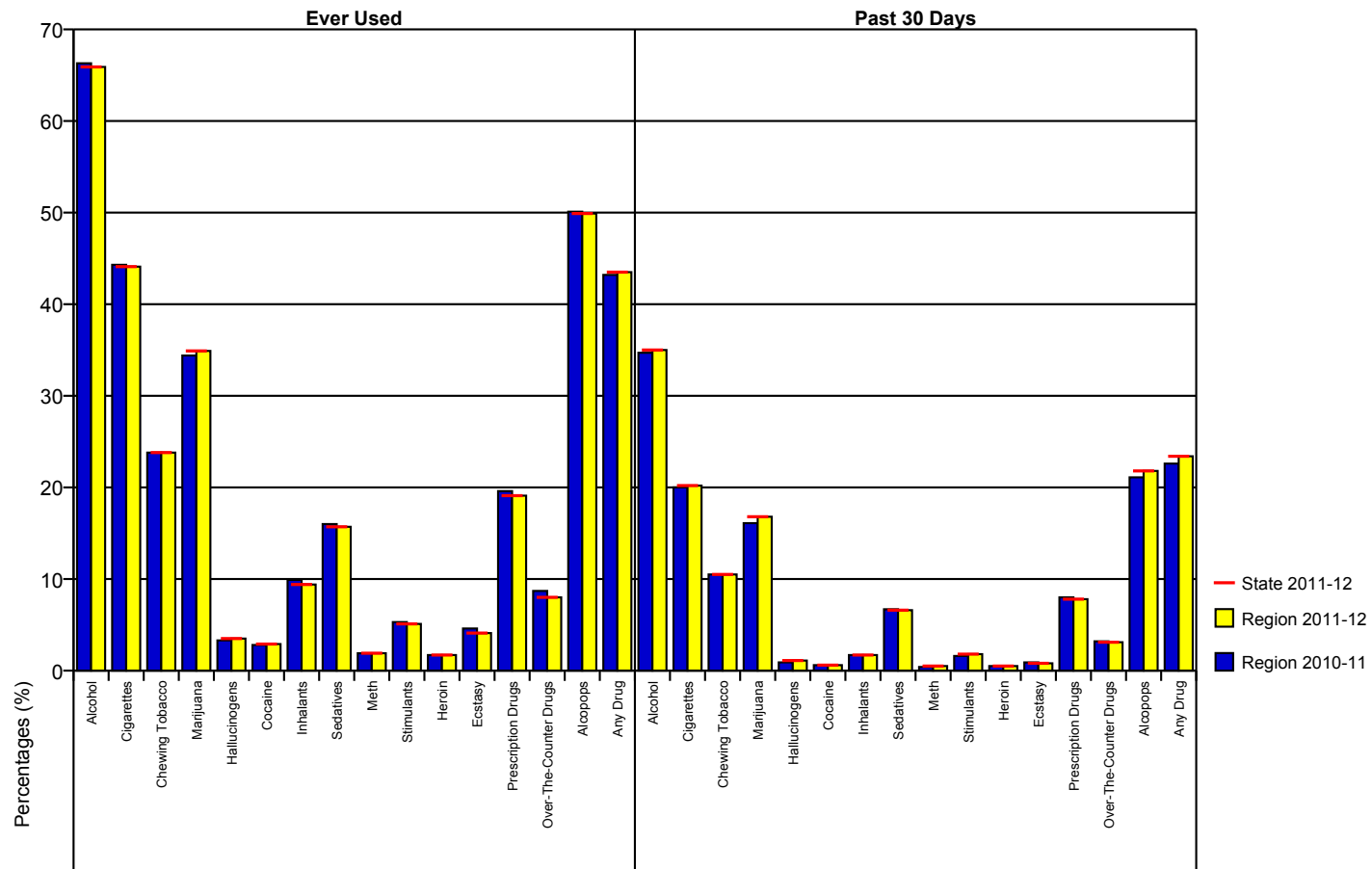


Figure 4: Alcohol, Tobacco and Other Drug Use - Grade 12

Heavy Use and Antisocial Behavior - Grade 6

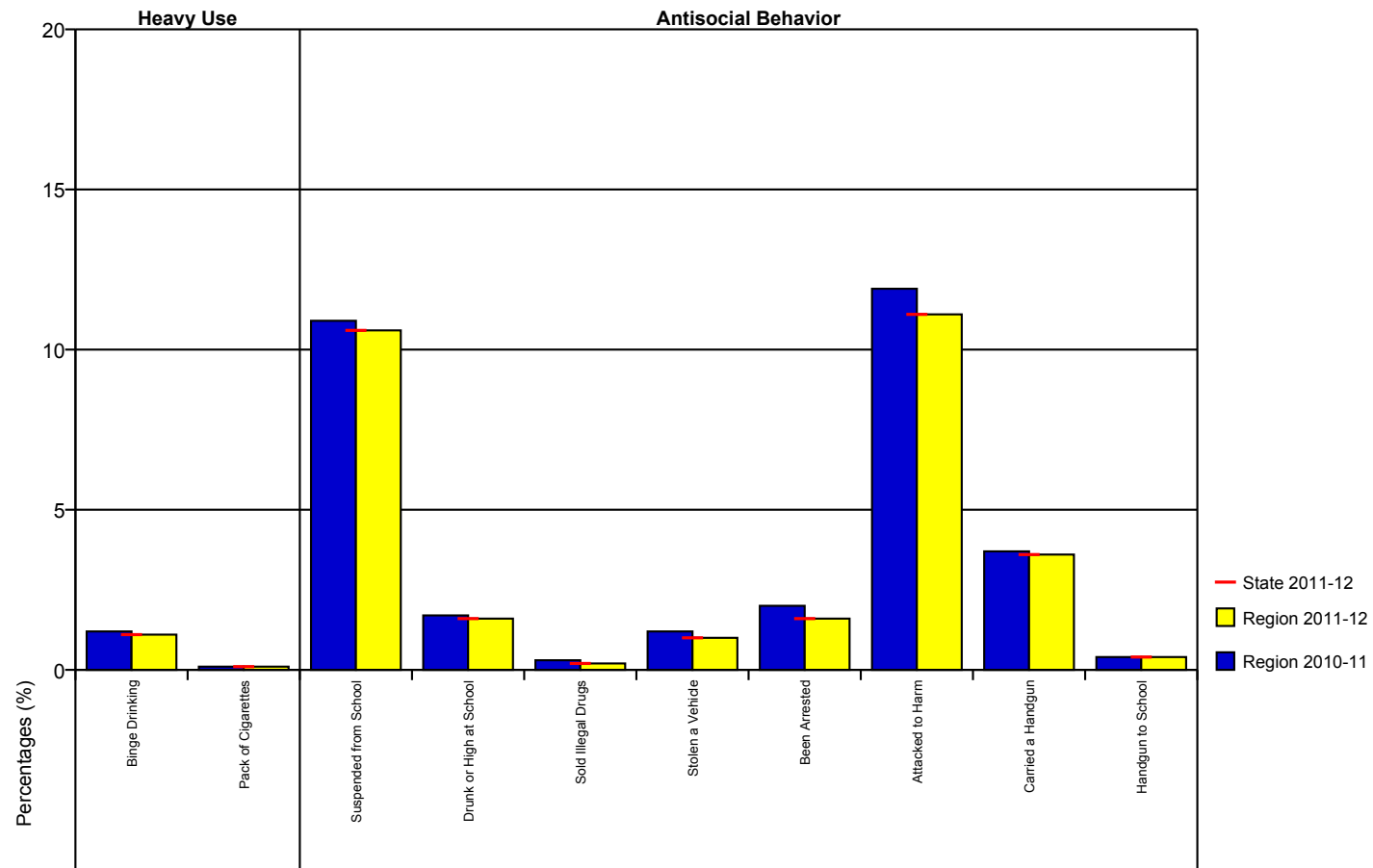


Figure 5: Heavy Use and Antisocial Behavior - Grade 6

Heavy Use and Antisocial Behavior - Grade 8

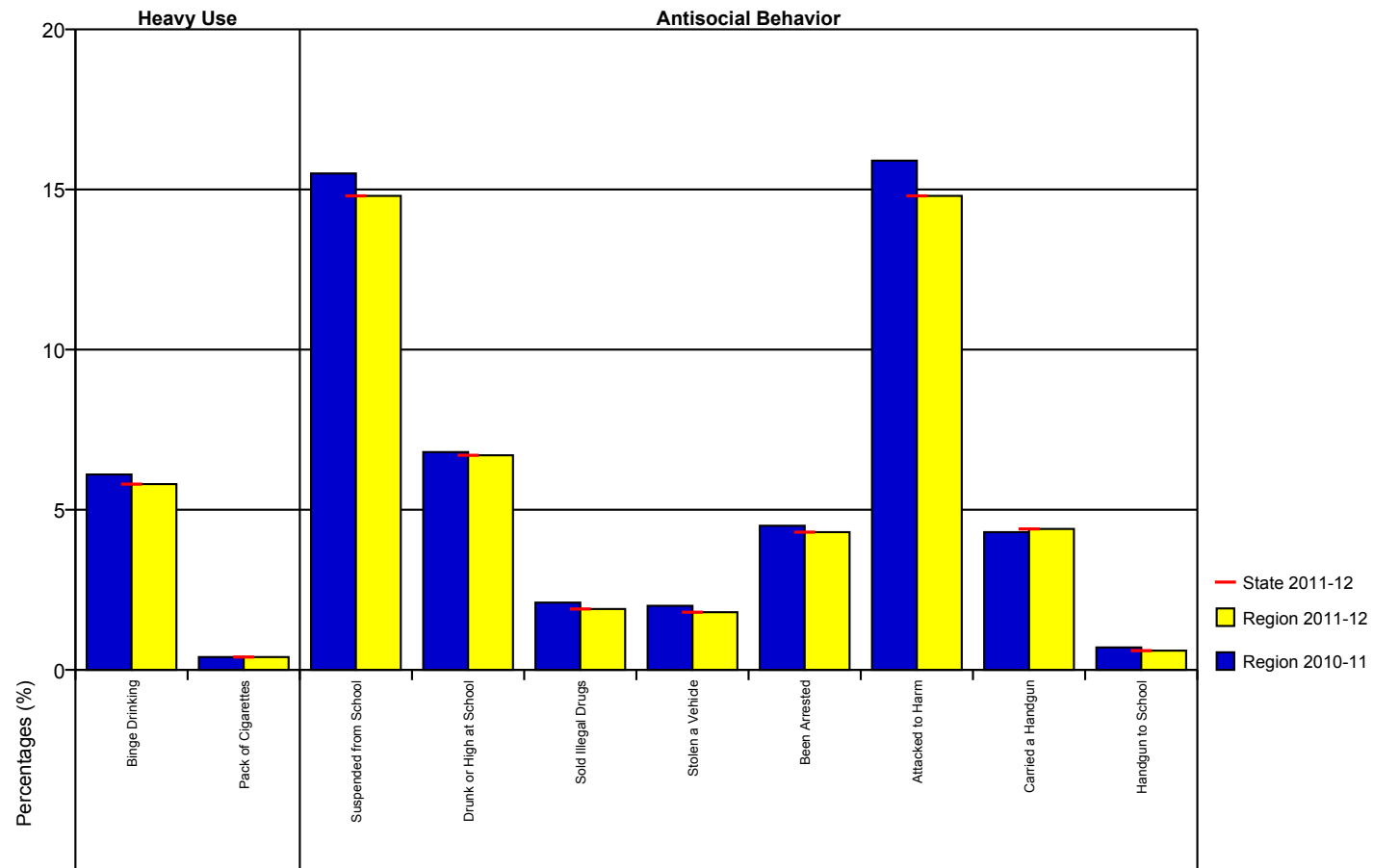


Figure 6: Heavy Use and Antisocial Behavior - Grade 8

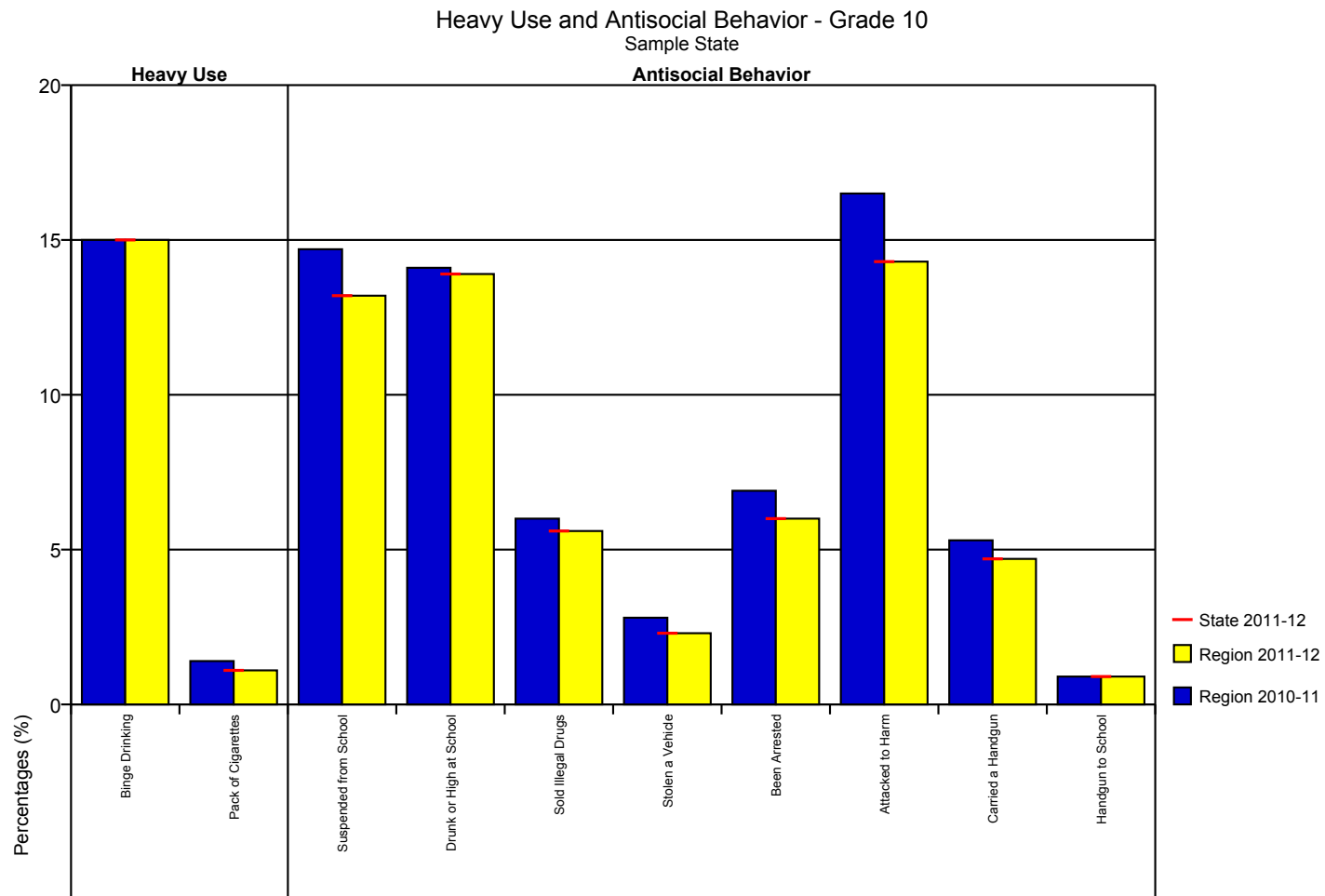


Figure 7: Heavy Use and Antisocial Behavior - Grade 10

Heavy Use and Antisocial Behavior - Grade 12

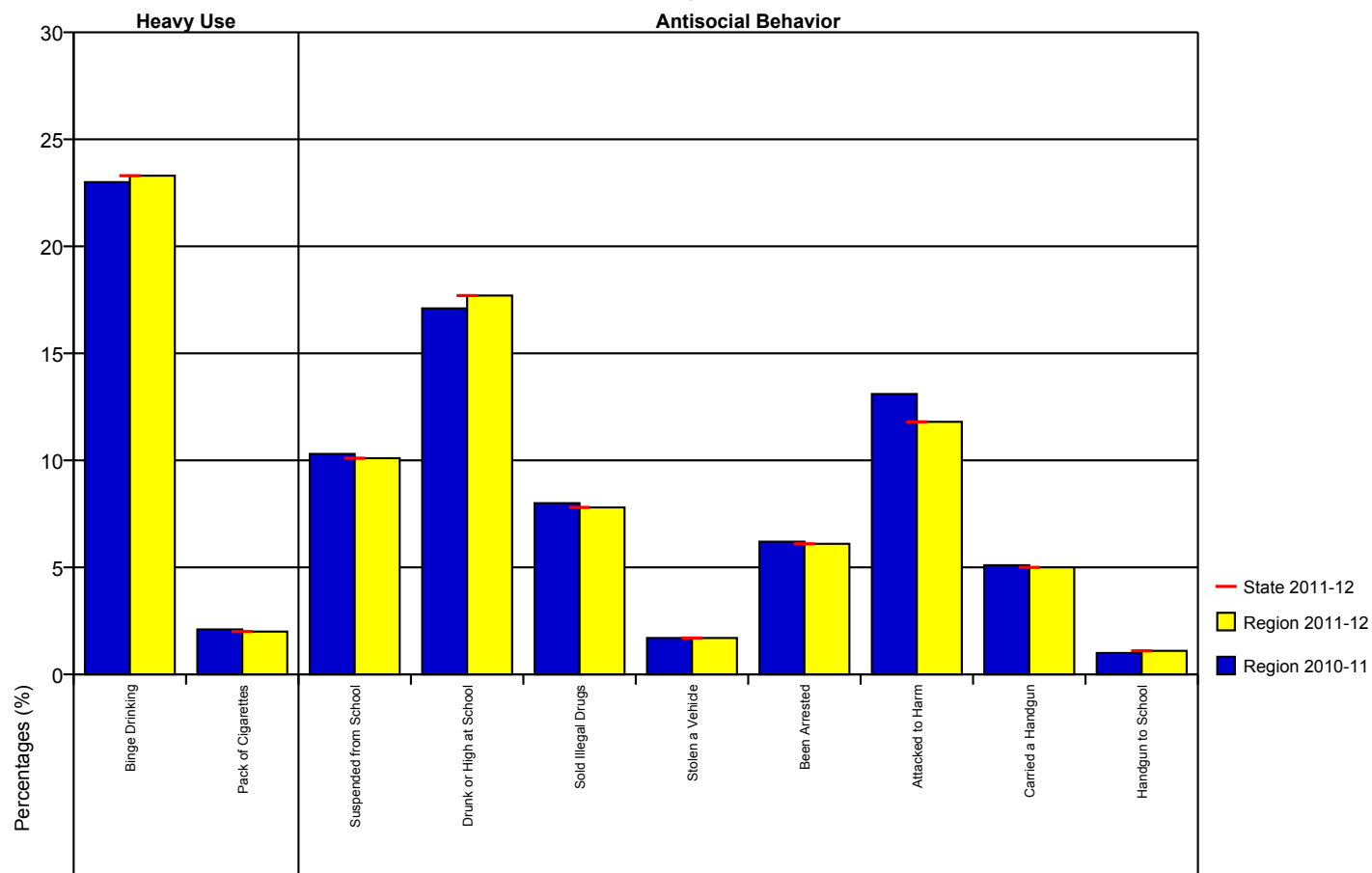


Figure 8: Heavy Use and Antisocial Behavior - Grade 12

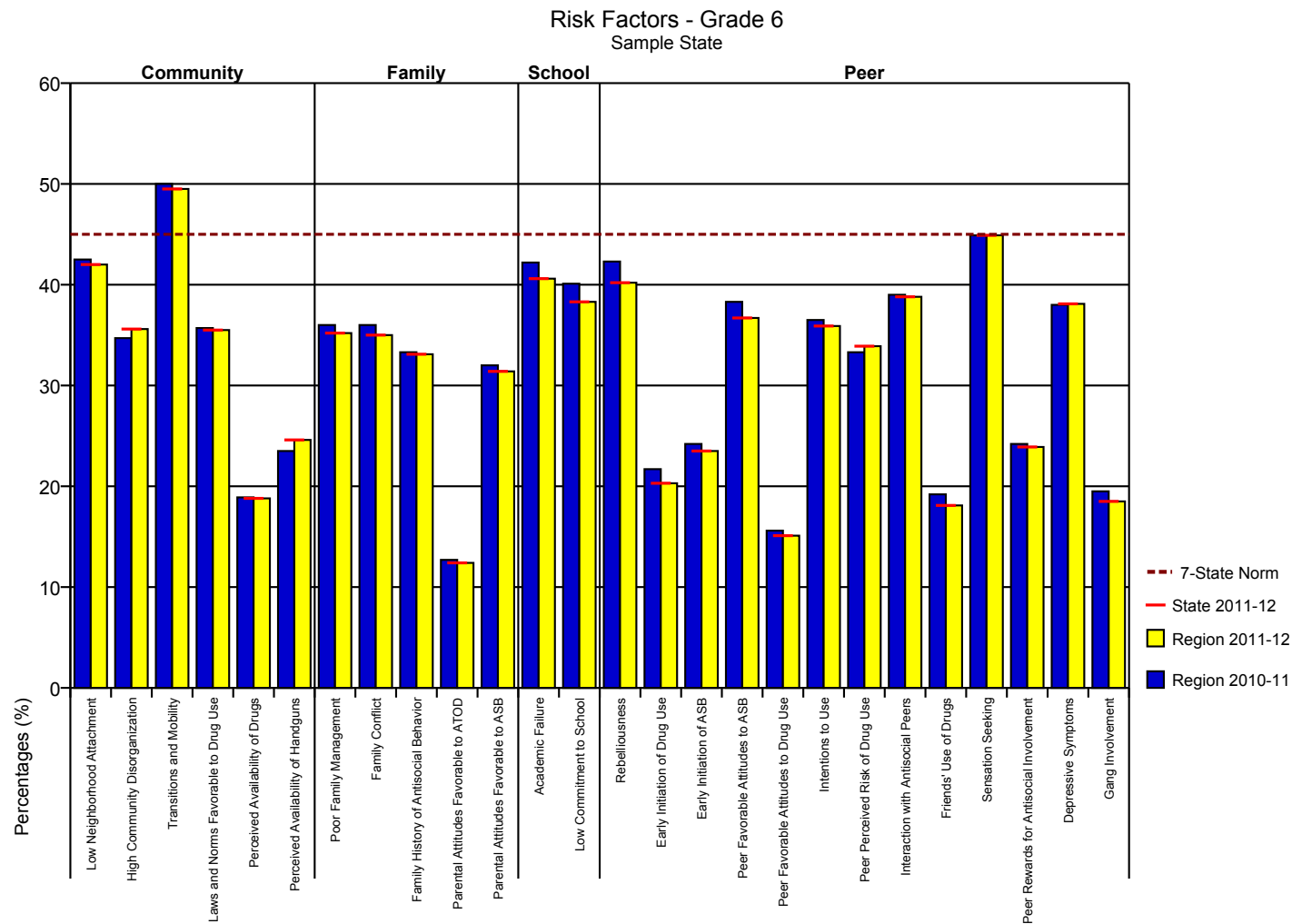


Figure 9: Risk Factors - Grade 6

Risk Factors - Grade 8 Sample State

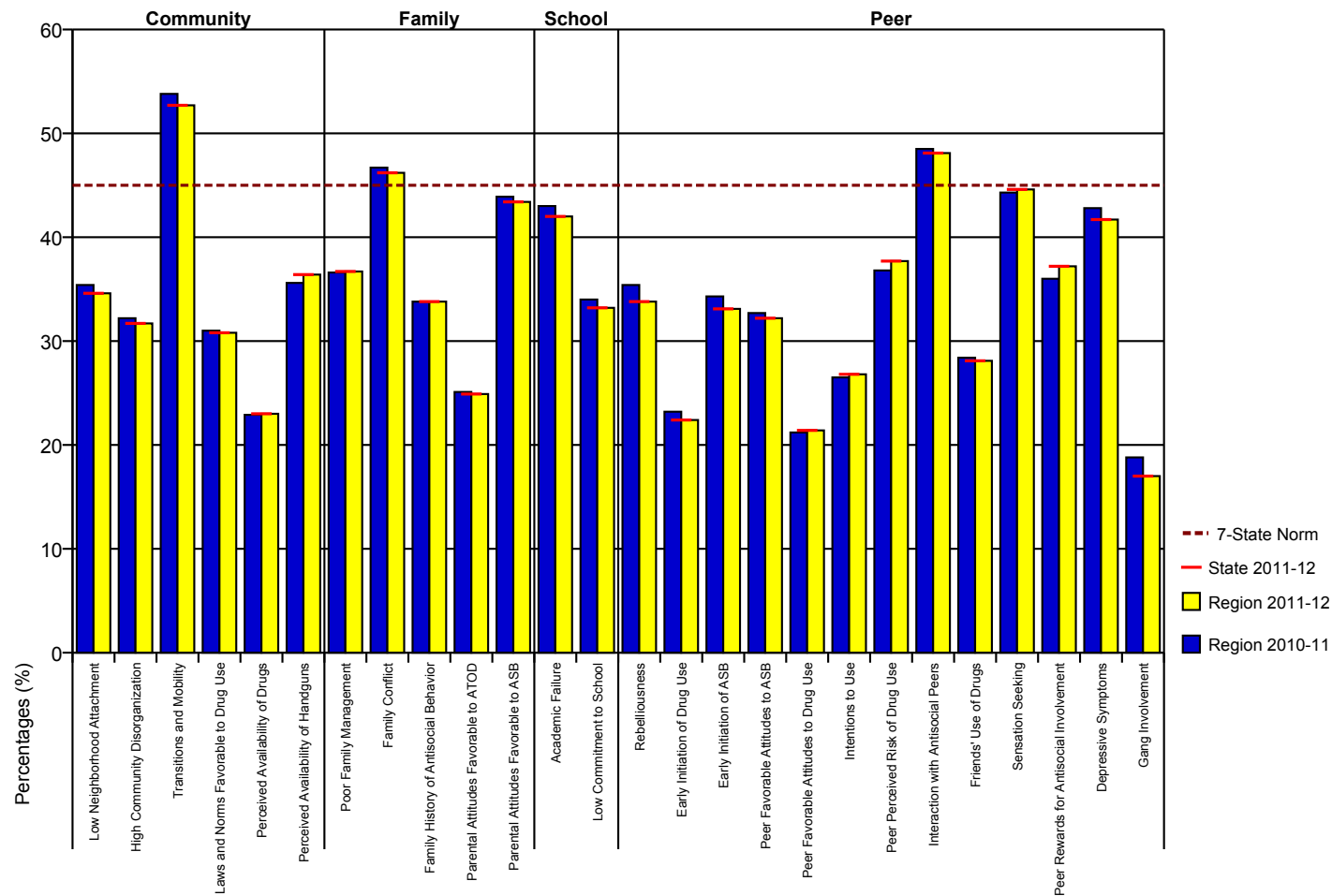


Figure 10: Risk Factors - Grade 8

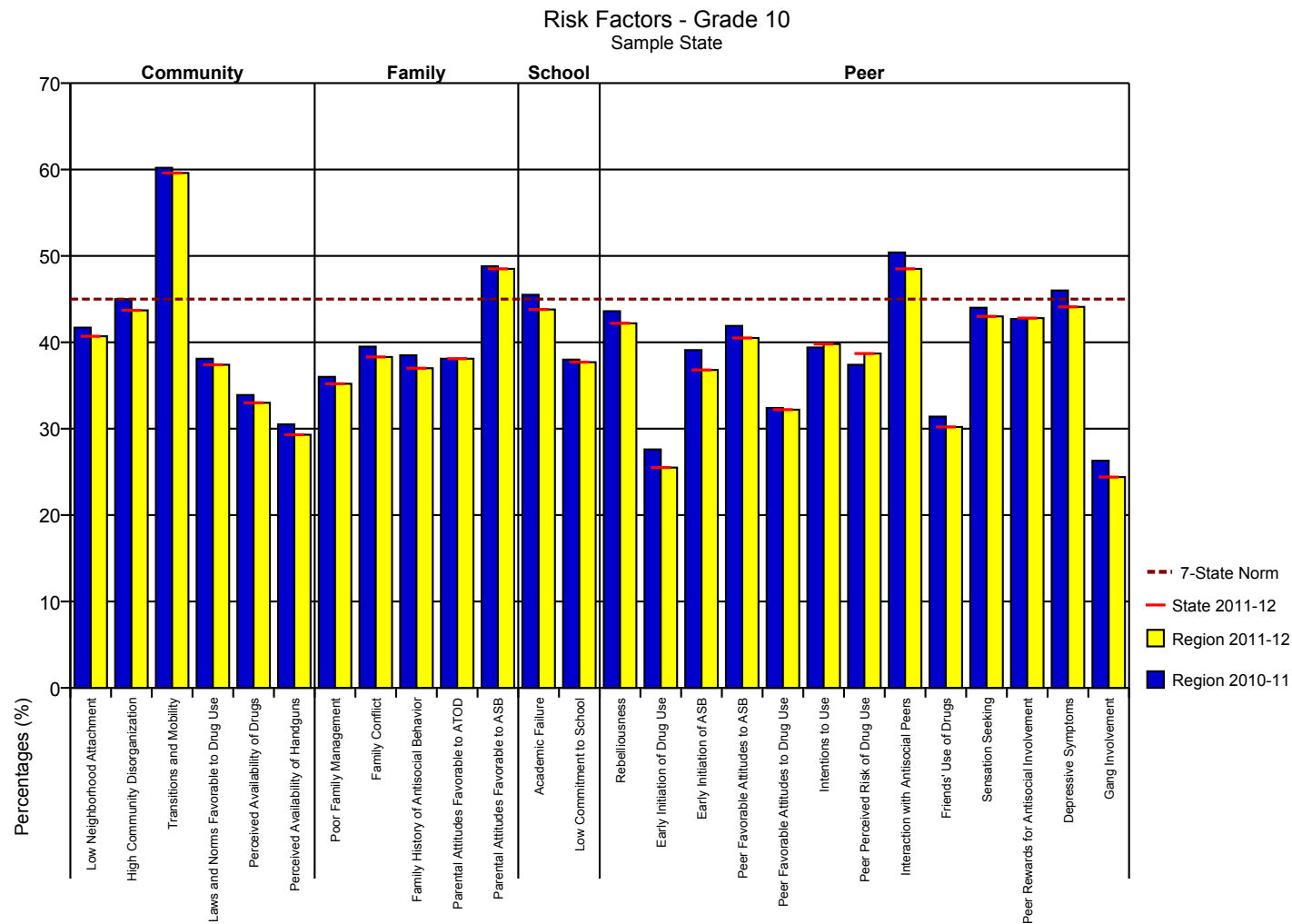


Figure 11: Risk Factors - Grade 10

Risk Factors - Grade 12 Sample State

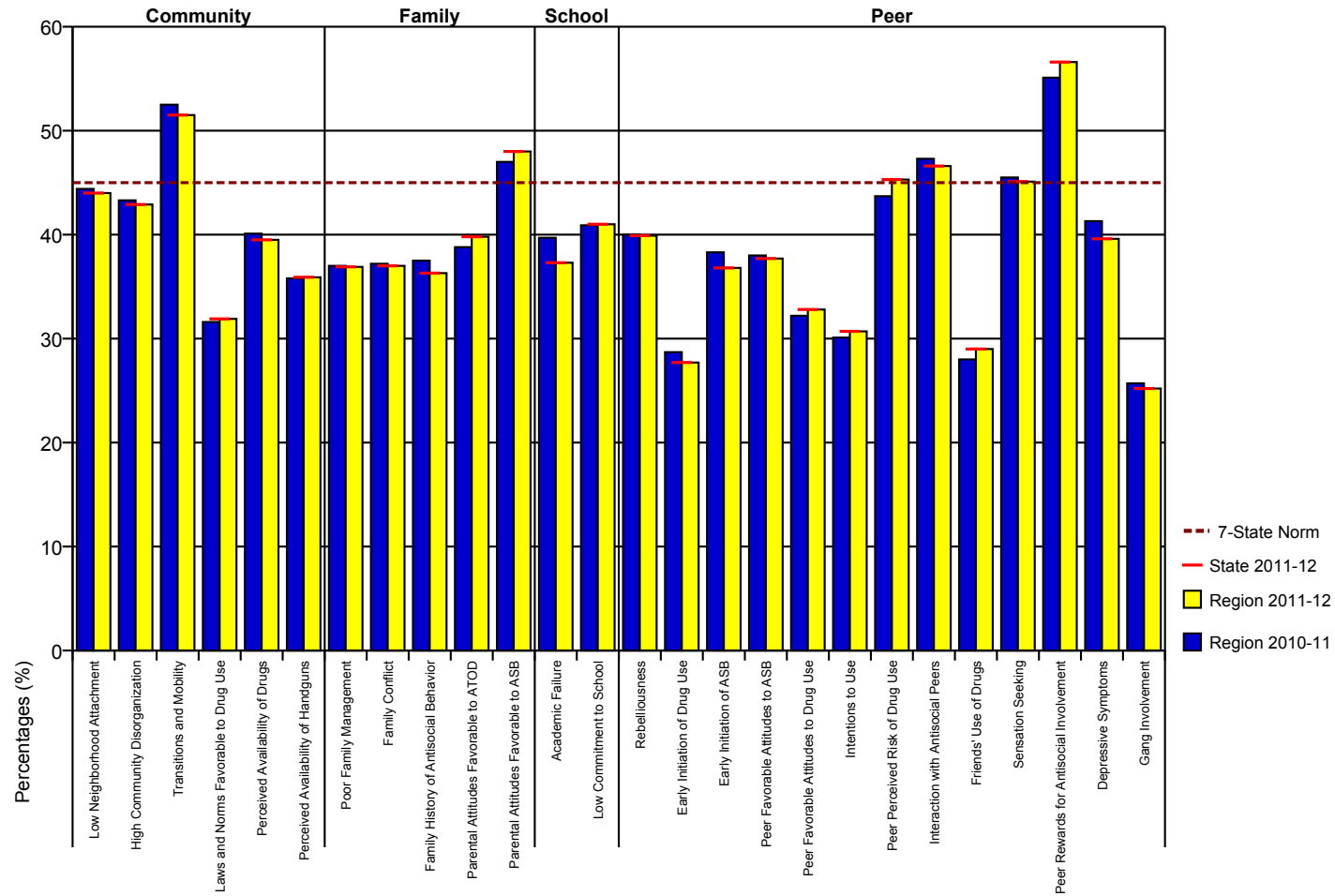


Figure 12: Risk Factors - Grade 12

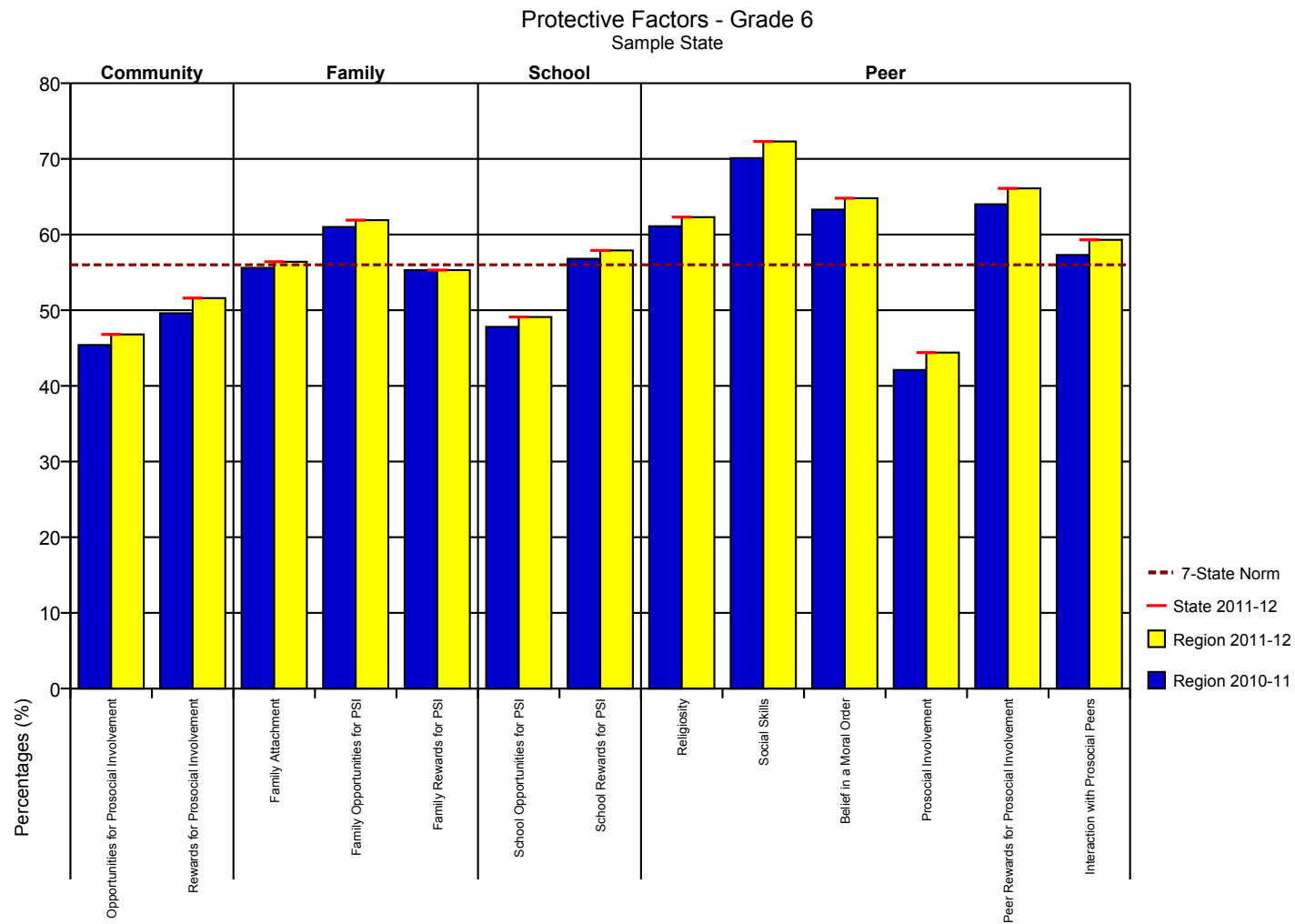


Figure 13: Protective Factors - Grade 6

Protective Factors - Grade 8
Sample State

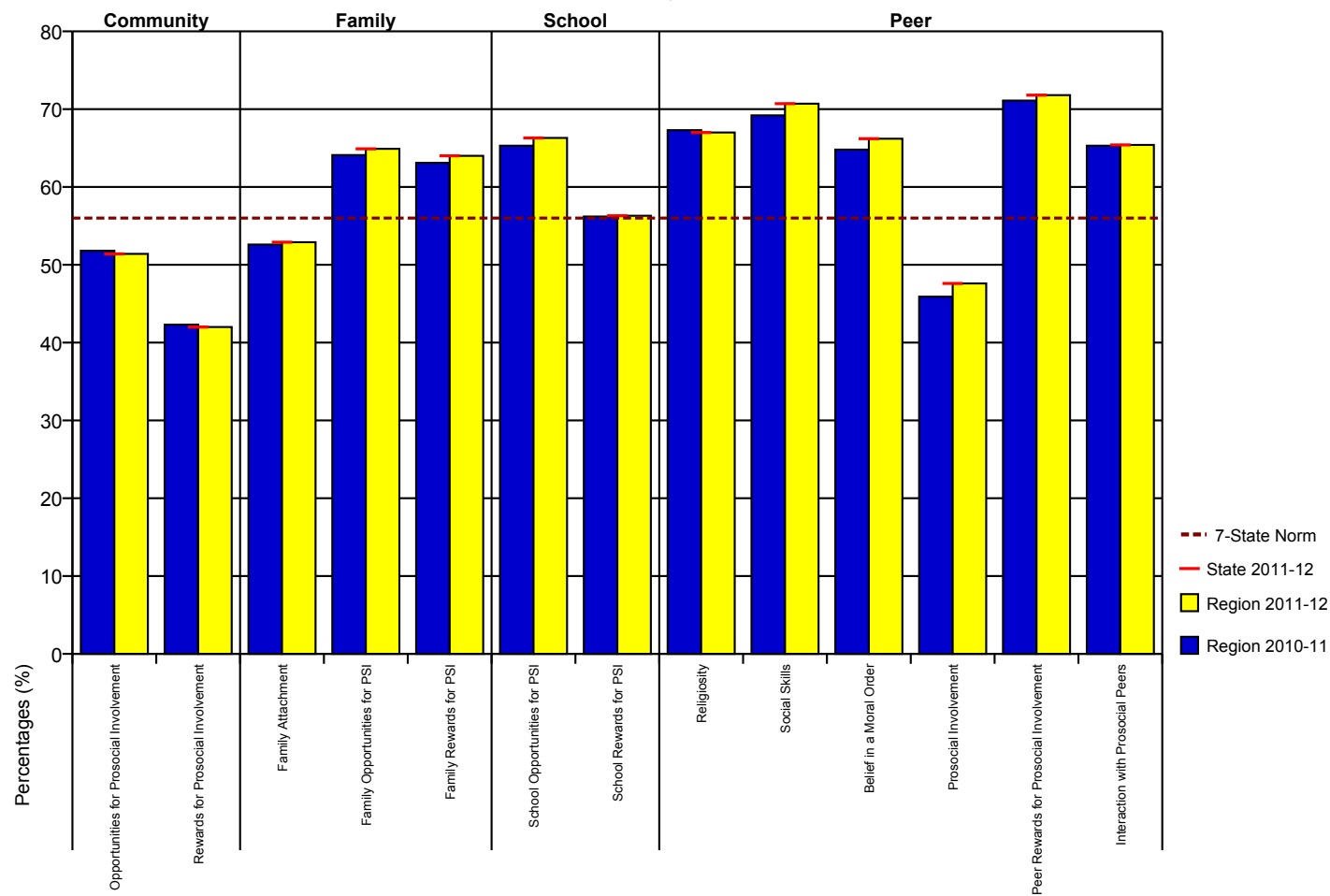


Figure 14: Protective Factors - Grade 8

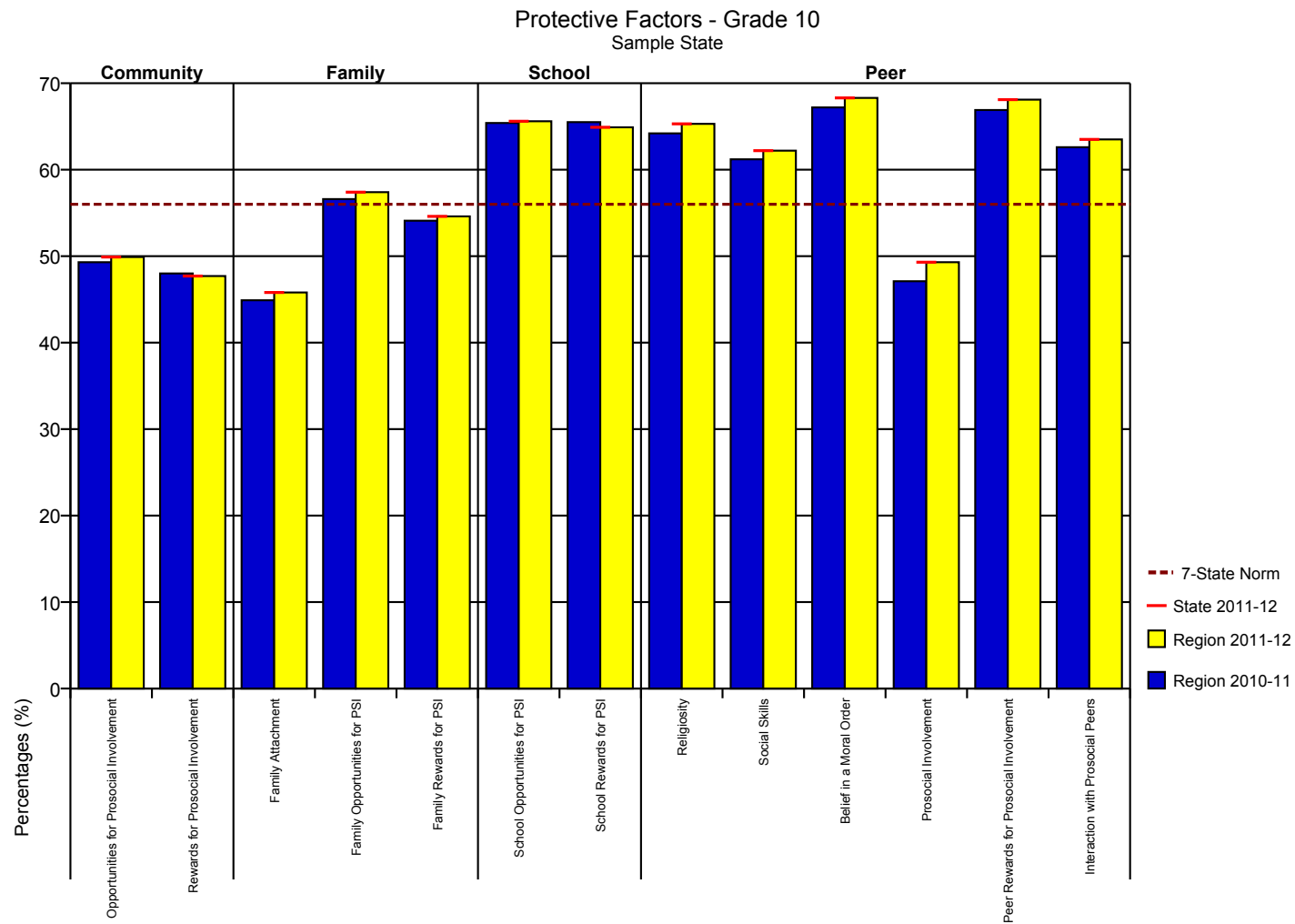


Figure 15: Protective Factors - Grade 10

Protective Factors - Grade 12
Sample State

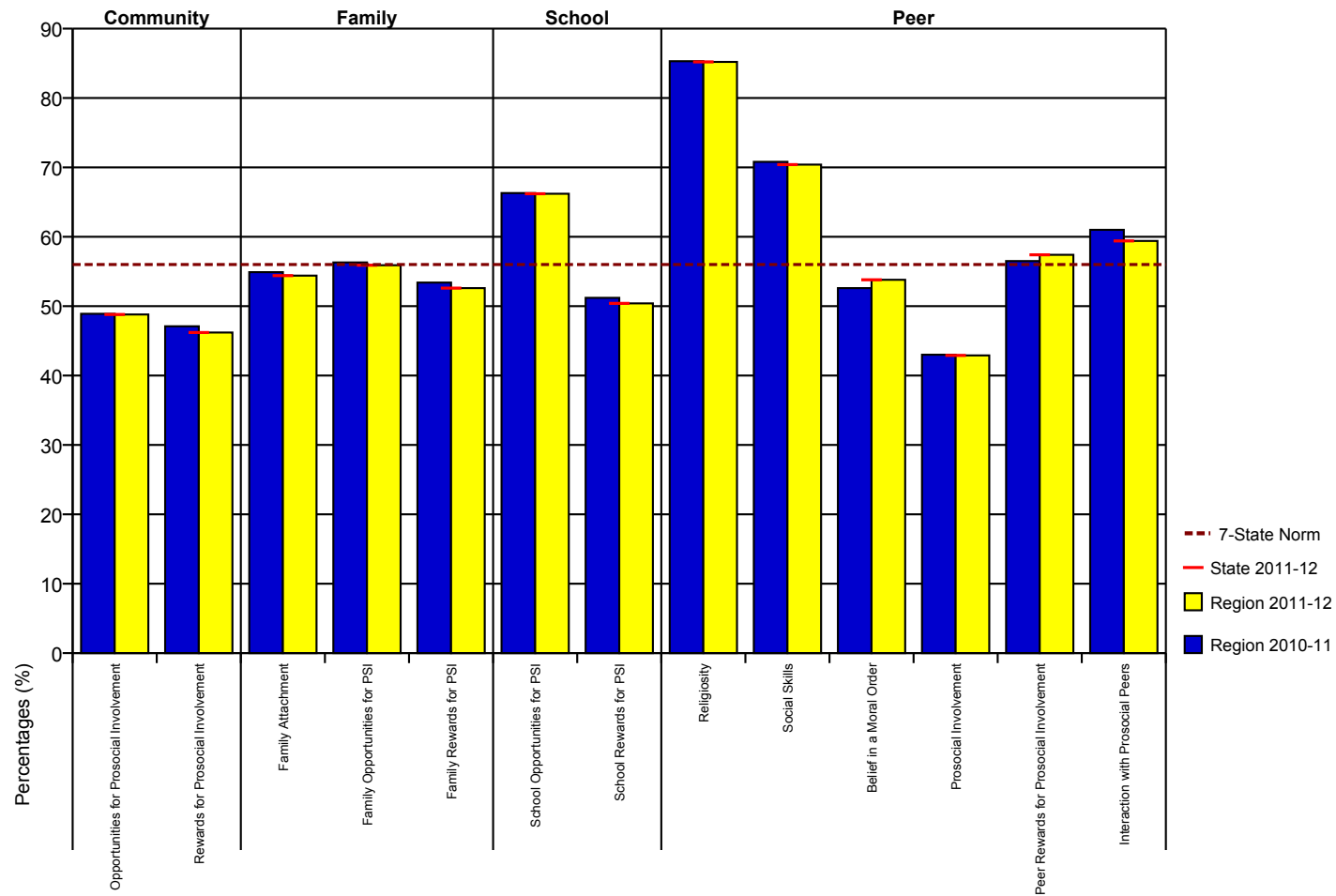


Figure 16: Protective Factors - Grade 12

School Safety Profile - Grade 6 Sample State

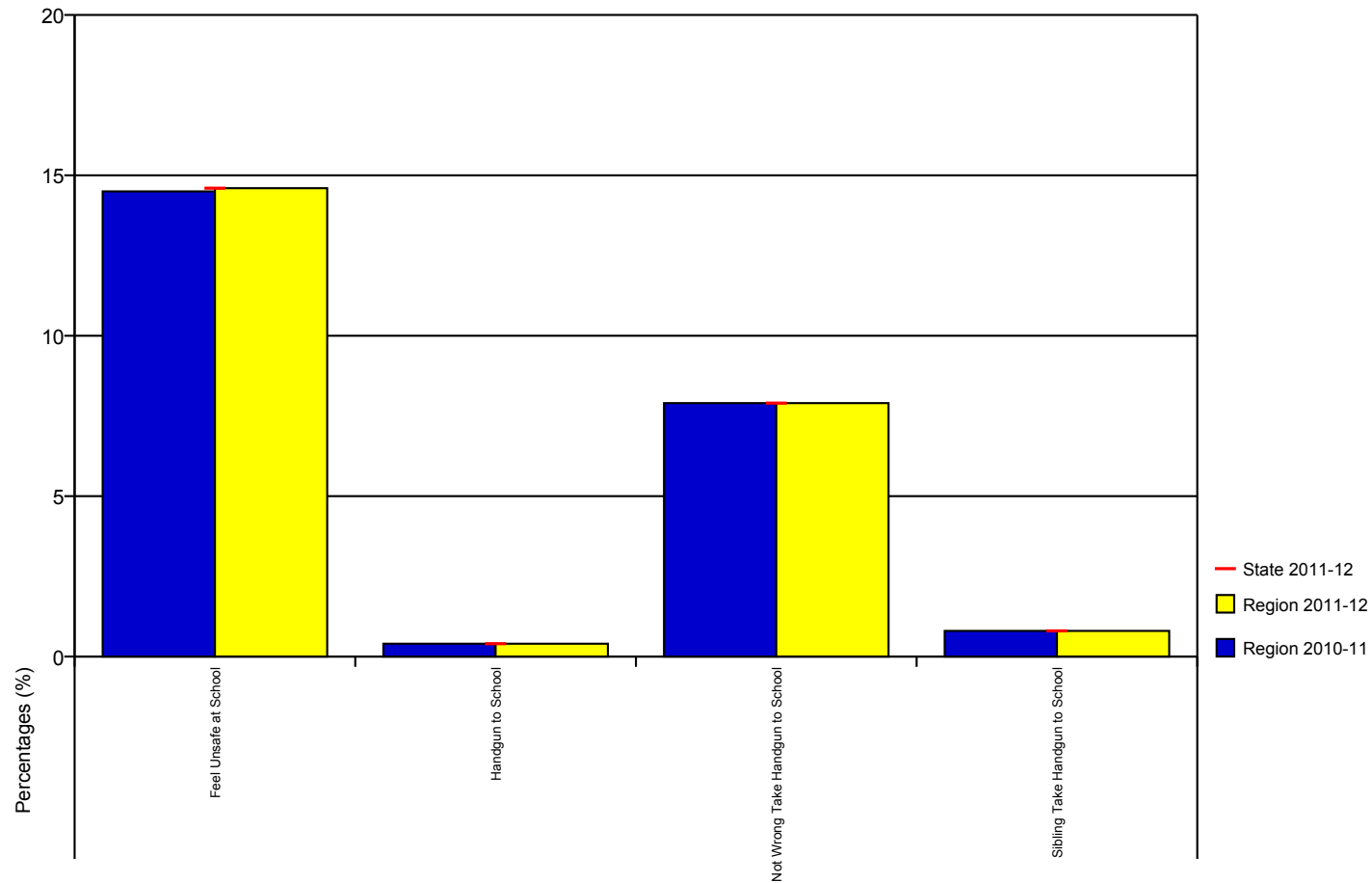


Figure 17: School Safety Profile - Grade 6

School Safety Profile - Grade 8 Sample State

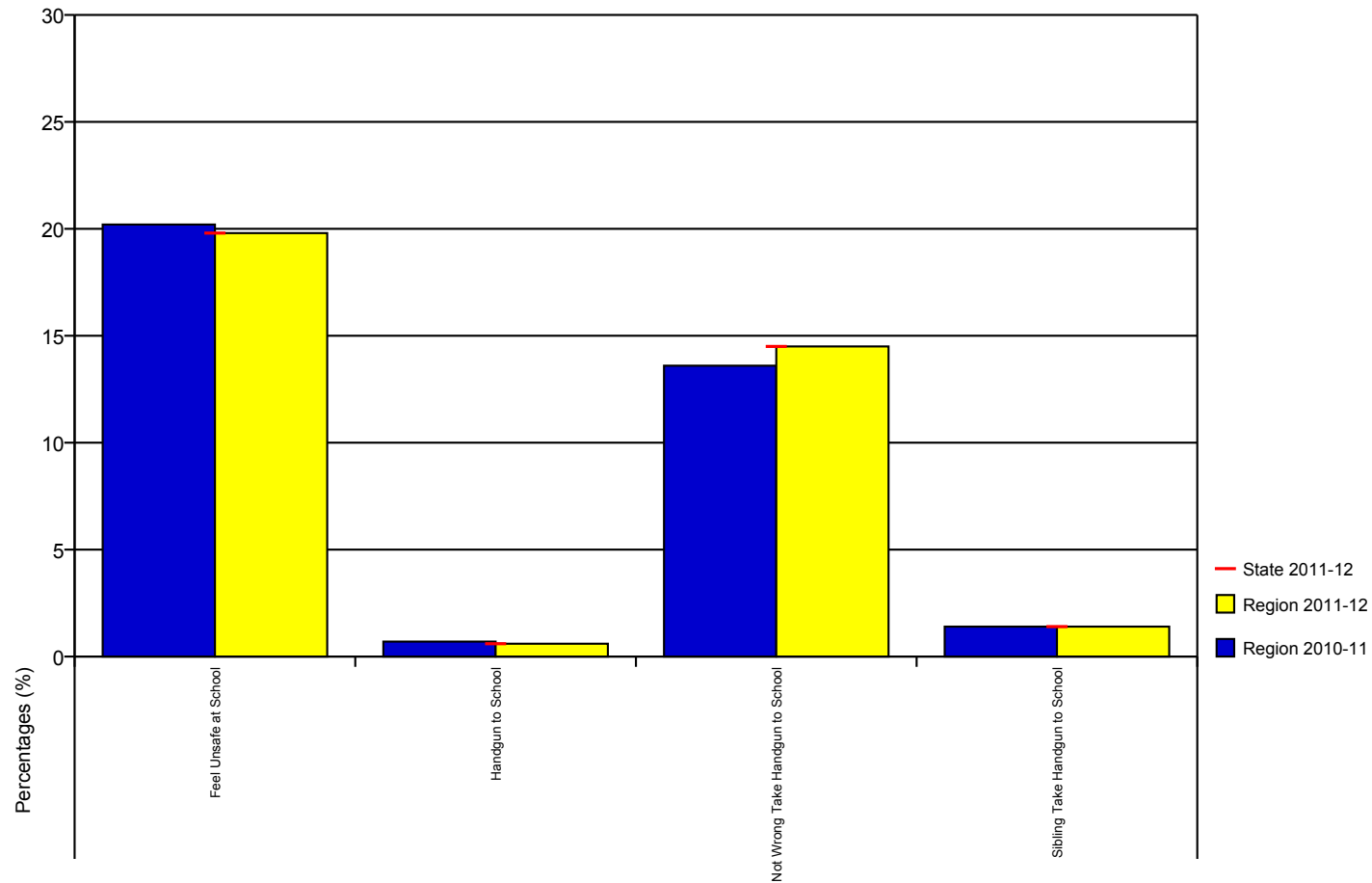


Figure 18: School Safety Profile - Grade 8

School Safety Profile - Grade 10 Sample State

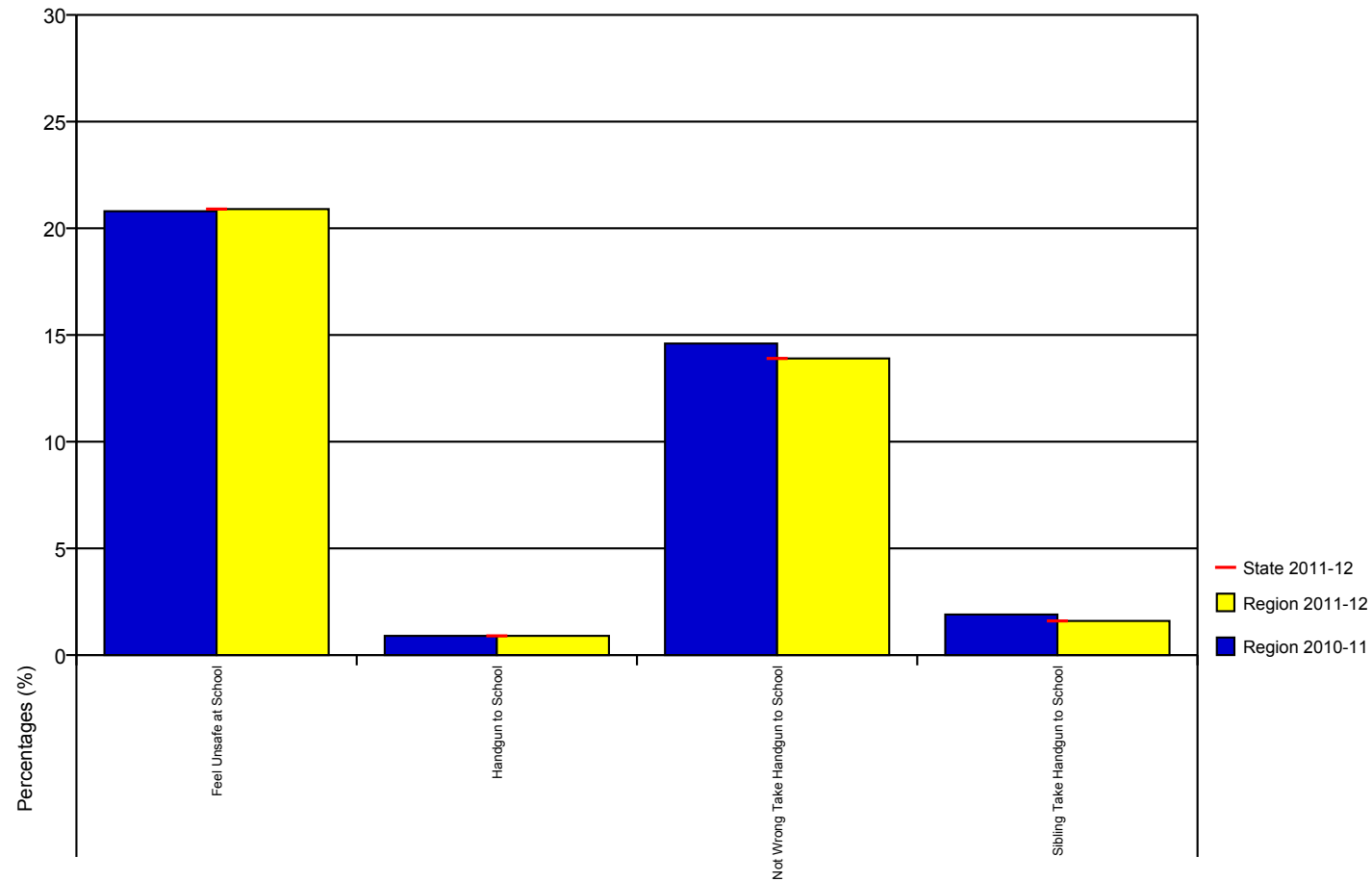


Figure 19: School Safety Profile - Grade 10

School Safety Profile - Grade 12 Sample State

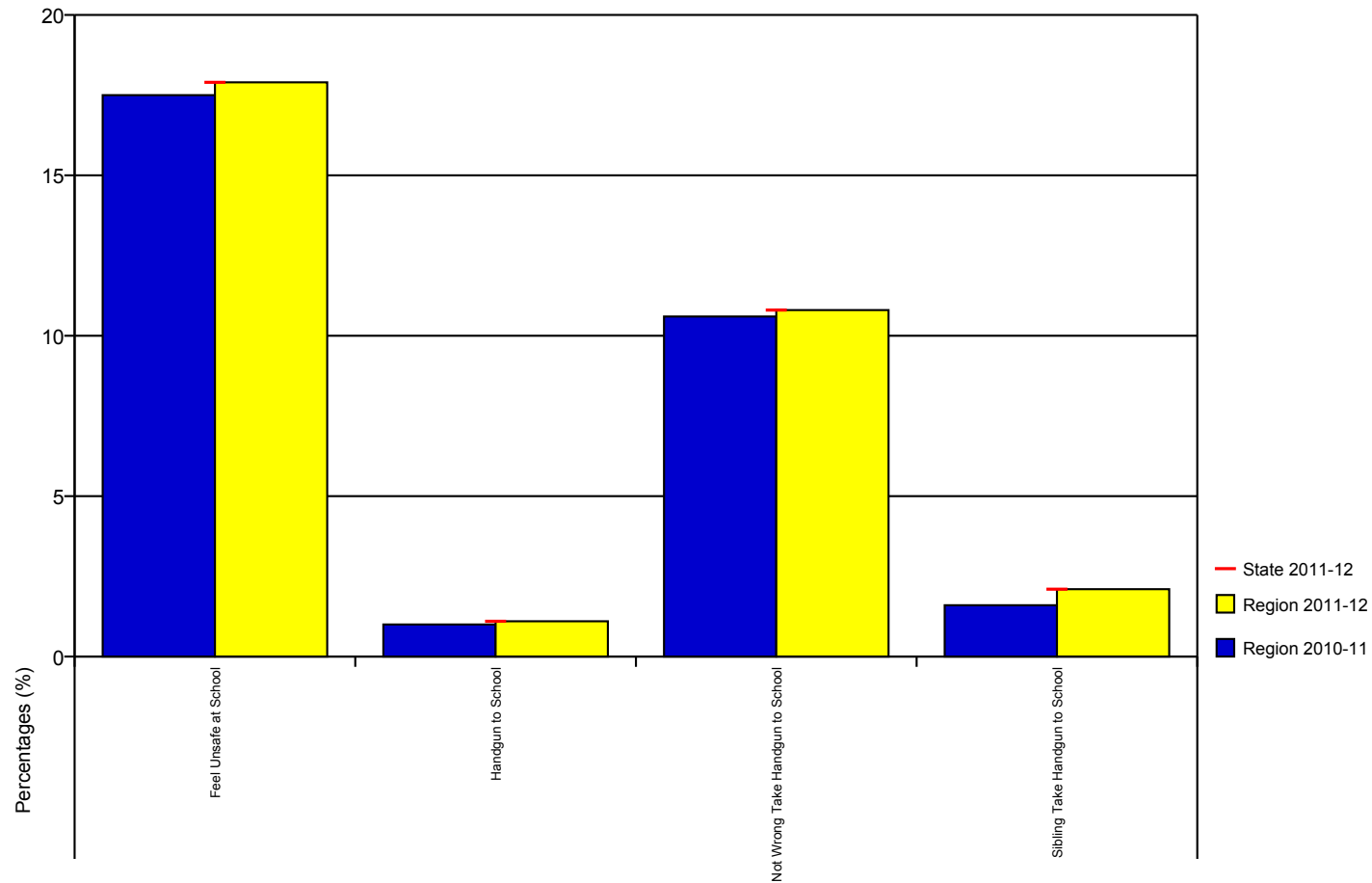


Figure 20: School Safety Profile - Grade 12

Sources and Locations of Alcohol Use - Grade 6

Sample State

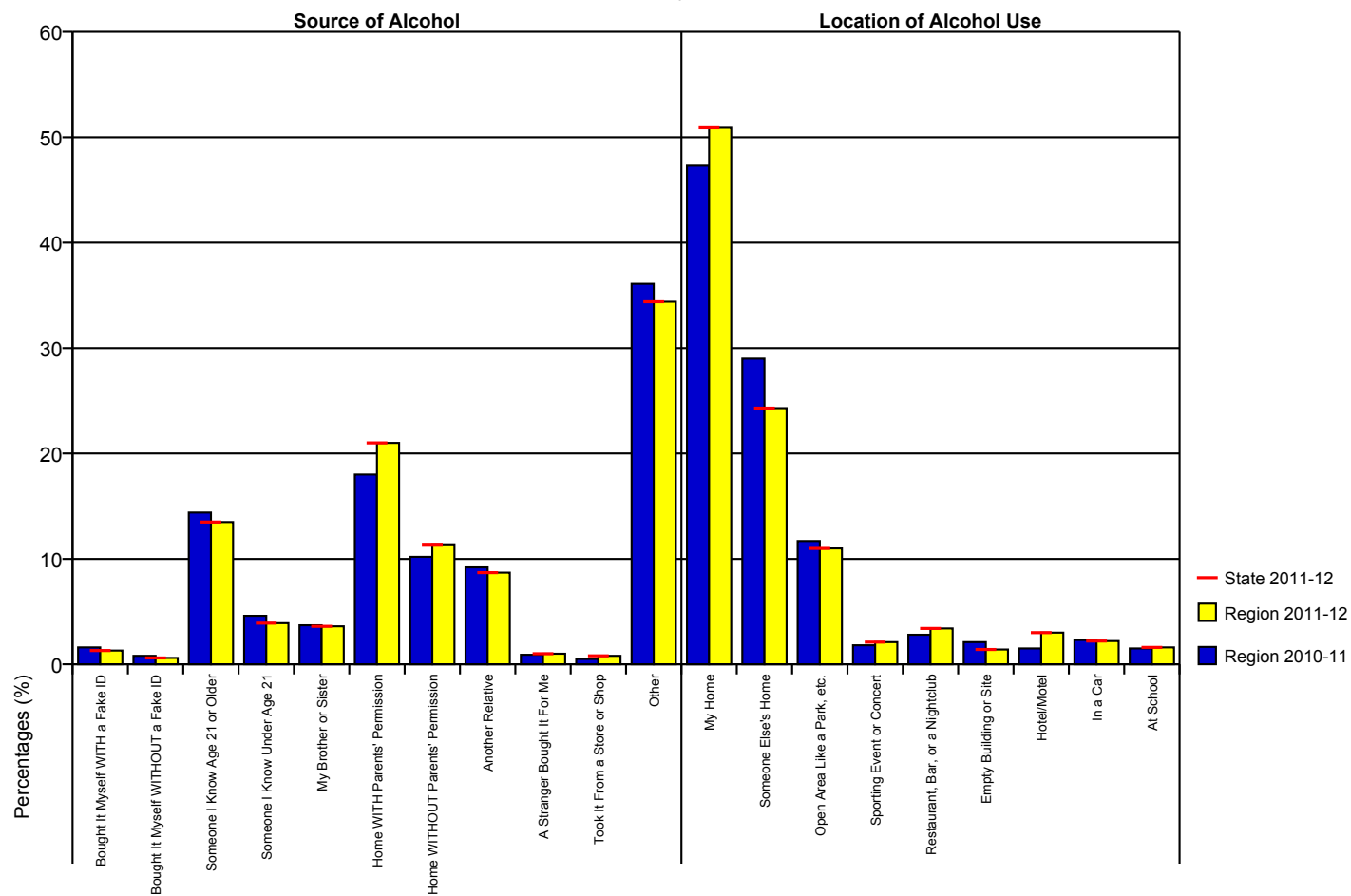


Figure 21: Sources and Locations of Alcohol Use - Grade 6

Sources and Locations of Alcohol Use - Grade 8

Sample State

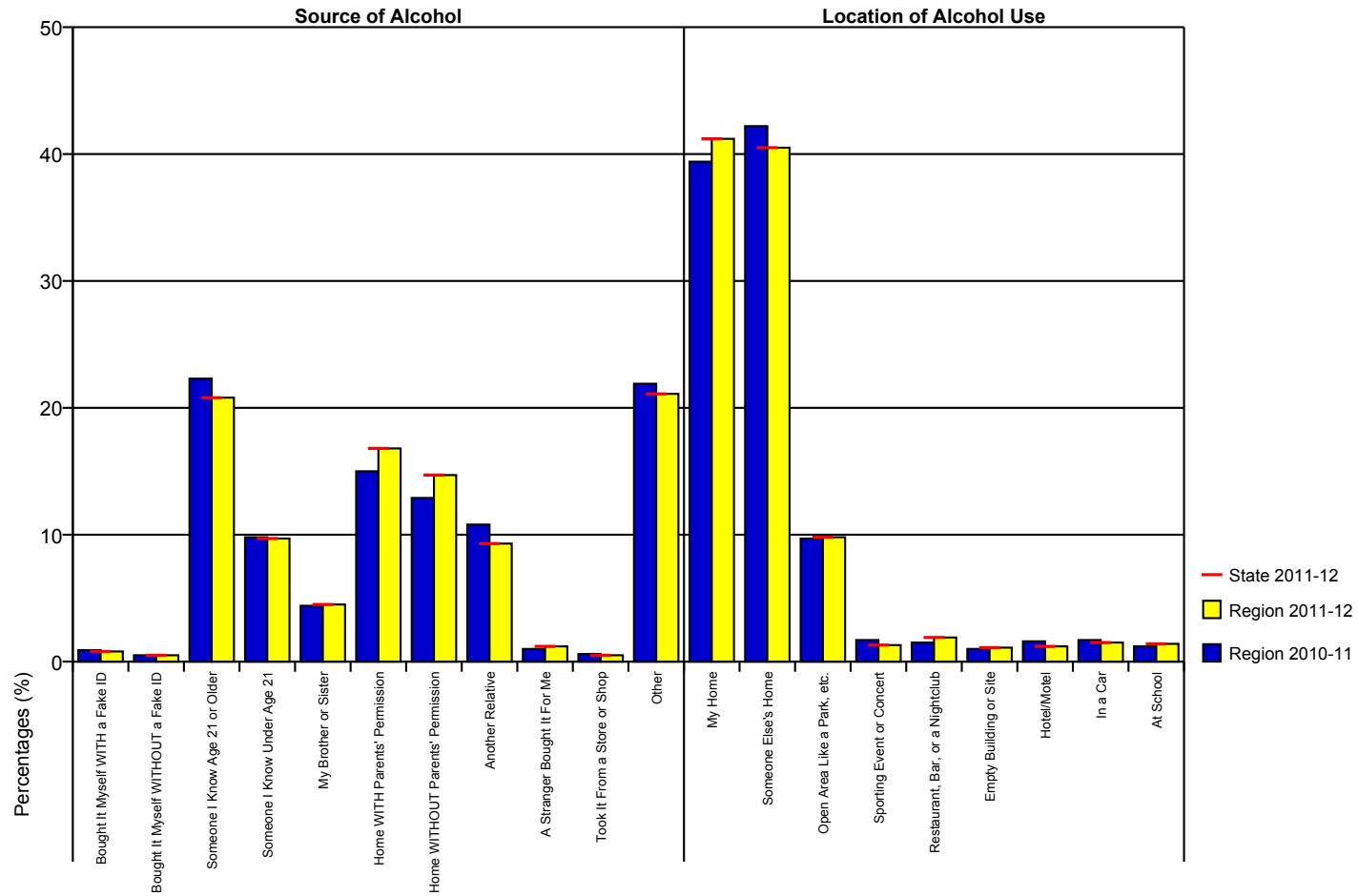


Figure 22: Sources and Locations of Alcohol Use - Grade 8

Sources and Locations of Alcohol Use - Grade 10

Sample State

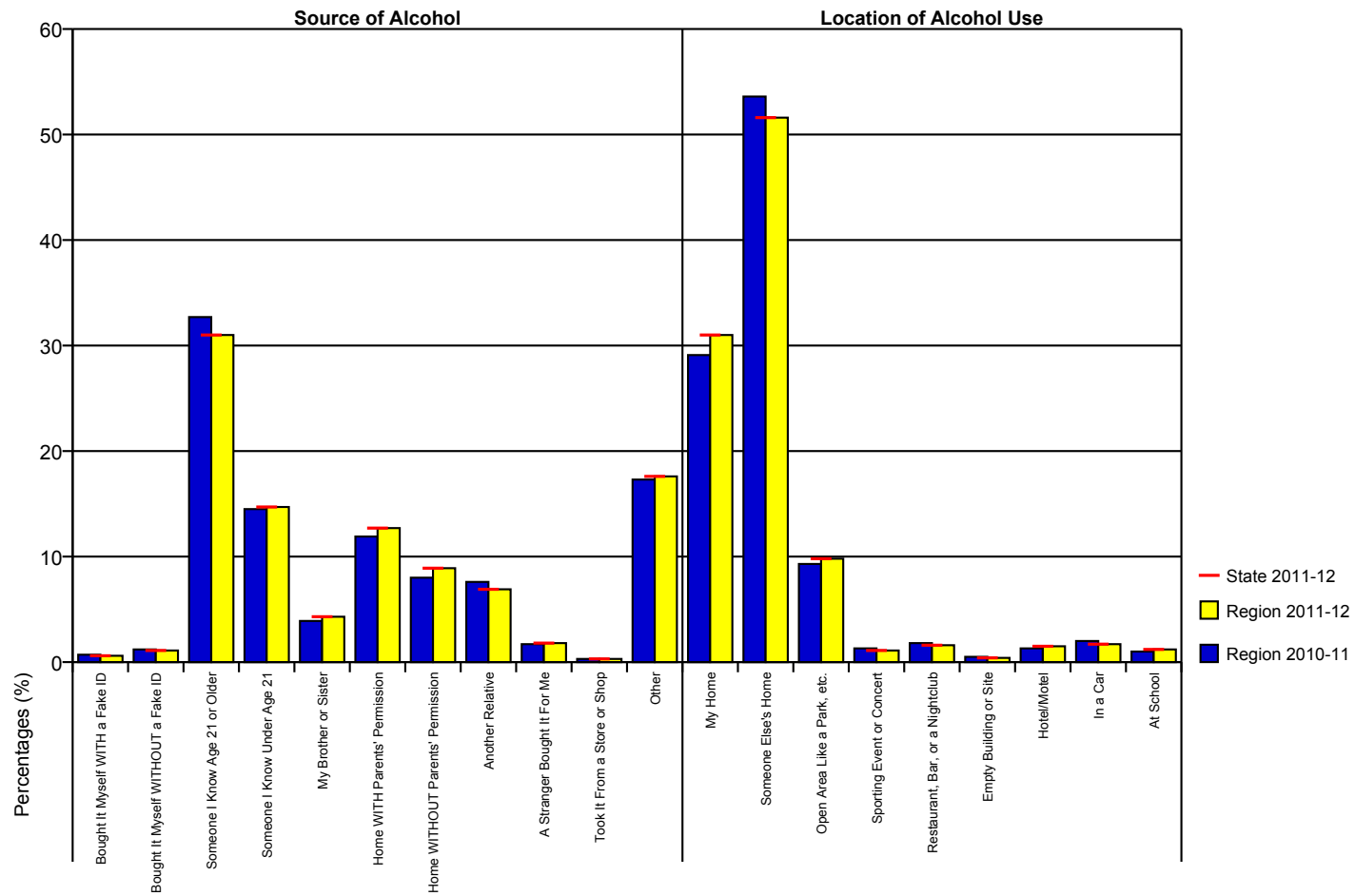


Figure 23: Sources and Locations of Alcohol Use - Grade 10

Sources and Locations of Alcohol Use - Grade 12 Sample State

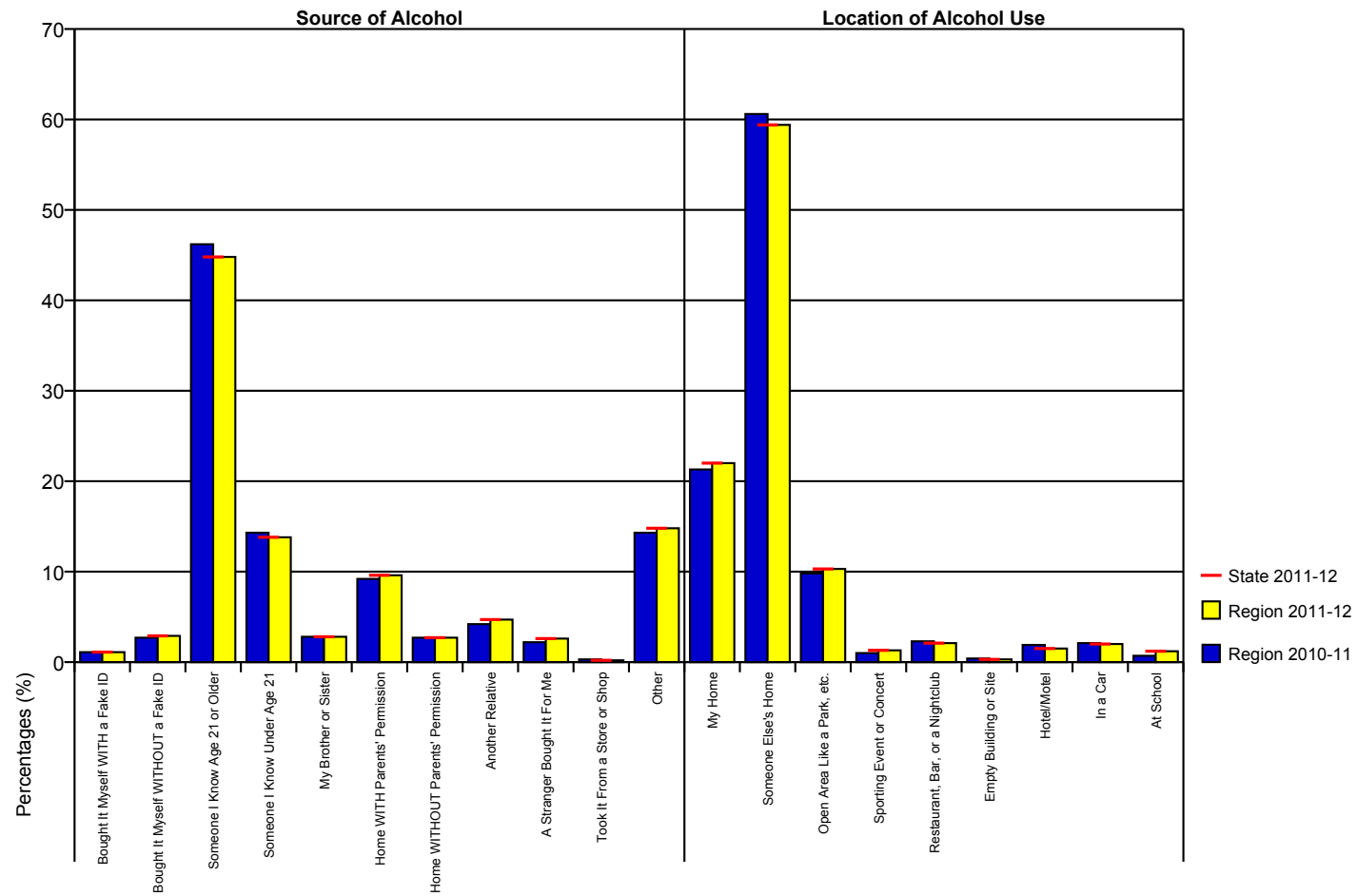


Figure 24: Sources and Locations of Alcohol Use - Grade 12

Table 5: Risk and Protective Factor Scale Definition

Community Domain Risk Factors	
Low Neighborhood Attachment	A low level of bonding to the neighborhood is related to higher levels of juvenile crime and drug selling.
Community Disorganization	Research has shown that neighborhoods with high population density, lack of natural surveillance of public places, physical deterioration, and high rates of adult crime also have higher rates of juvenile crime and drug selling.
Laws and Norms Favorable Toward Drug Use	Research has shown that legal restrictions on alcohol and tobacco use, such as raising the legal drinking age, restricting smoking in public places, and increased taxation have been followed by decreases in consumption. Moreover, national surveys of high school seniors have shown that shifts in normative attitudes toward drug use have preceded changes in prevalence of use.
Perceived Availability of Drugs	The availability of cigarettes, alcohol, marijuana, and other illegal drugs has been related to the use of these substances by adolescents.
Perceived Availability of Handguns	The availability of handguns has also been related to the use of these substances by adolescents.
Community Domain Protective Factors	
Opportunities for Prosocial Involvement	When opportunities are available in a community for positive participation, children are less likely to engage in substance use and other problem behaviors.
Rewards for Prosocial Involvement	Rewards for positive participation in activities help children bond to the community, thus lowering their risk for substance use.
Family Domain Risk Factors	
Poor Family Management	Parents' use of inconsistent and/or unusually harsh or severe punishment with their children places them at higher risk for substance use and other problem behaviors. Also, parents' failure 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 Antisocial Behavior	When children are raised in a family with a history of problem behaviors (e.g., violence or ATOD use), the children are more likely to engage in these behaviors.

continued on the next column

Risk and Protective Factor Scale Definition (continued)

Parental Attitudes Favorable Toward Drug Use	In families where parents use illegal drugs, are heavy users of alcohol, or are tolerant of children's use, children are more likely to become drug abusers during adolescence. The risk is further increased if parents involve children in their own drug (or alcohol) using behavior, for example, asking the child to light the parent's cigarette or get the parent a beer from the refrigerator.
Parental Attitudes Favorable Toward Antisocial Behavior	In families where parents are tolerant of their child's antisocial behavior (i.e. fighting, stealing, defacing property, etc.), children are more likely to become drug abusers during adolescence.
Family Domain Protective Factors	
Family Attachment	Young people who feel that they are a valued part of their family are less likely to engage in substance use and other problem behaviors.
Opportunities for Prosocial Involvement	Young people who are exposed to more opportunities to participate meaningfully in the responsibilities and activities of the family are less likely to engage in drug use and other problem behaviors.
Rewards for Prosocial Involvement	When parents, siblings, and other family members praise, encourage, and attend to things done well by their child, children are less likely to engage in substance use and problem behaviors.
School Domain Risk Factors	
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.
Low Commitment to School	Surveys of high school seniors have shown that the use of hallucinogens, 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 Prosocial Involvement	When young people are given more opportunities to participate meaningfully in important activities at school, they are less likely to engage in drug use and other problem behaviors.
Rewards for Prosocial Involvement	When young people are recognized and rewarded for their contributions at school, they are less likely to be involved in substance use and other problem behaviors.

continued on the next column

Risk and Protective Factor Scale Definition (continued)

Individual/Peer Risk Factors	
Rebelliousness	Young people who do not feel part of society, are not bound by rules, don't believe in trying to be successful or responsible, or who take an active rebellious stance toward society, are at higher risk of abusing drugs. In addition, high tolerance for deviance, a strong need for independence and normlessness have all been linked with drug use.
Early Initiation of Drug Use	Early onset of drug use predicts misuse of drugs. The earlier the 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 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 of Antisocial Behavior	Early onset of antisocial behaviors such as being suspended from school, arrests, carrying handguns, fighting, etc. makes young people more likely to be involved in substance abuse.
Attitudes Favorable Toward Drug Use	During the elementary school years, most children express anti-drug, anti-crime, and pro-social attitudes and have difficulty imagining why people use drugs. However, in middle school, as more youth are exposed to others who use drugs, their attitudes 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 Toward Antisocial Behavior	During the elementary school years, most children express anti-drug, anti-crime, and pro-social attitudes and have difficulty imagining why people engage in antisocial behaviors. However, in middle school, as more youth are exposed to others who engage in antisocial behavior, their attitudes often shift toward 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 behavior.

continued on the next column

Risk and Protective Factor Scale Definition (continued)

Perceived Risk of Drug Use	Young people who do not perceive drug use to be risky are far more likely to engage in drug use.
Interaction with Antisocial Peers	Young people who associate with peers who engage in problem behaviors are at higher risk for engaging in antisocial behavior themselves.
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 behavior. 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.
Depressive Symptoms	Young people who express feelings of sadness for long periods over the past year and who have negative attitudes about themselves and life in general are more likely to use drugs.
Rewards for Antisocial Behavior	Young people who receive rewards for their antisocial behavior are at higher risk for engaging further in antisocial behavior and substance use.
Individual/Peer Protective Factors	
Religiosity	Young people who regularly attend religious services are less likely to engage in problem behaviors.
Social Skills	Young people who are socially competent and engage in positive interpersonal relations with their peers are less likely to use drugs and engage in other problem behaviors.
Belief in the Moral Order	Young people who have a belief in what is "right" or "wrong" are less likely to use drugs.
Prosocial Involvement	Participation in positive school and community activities helps provide protection for youth.
Rewards for Prosocial Involvement	Young people who are rewarded for working hard in school and volunteering in the community are less likely to engage in problem behavior.

Table 6: Alcohol - Lifetime Use

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	18.5	18.1	14.1	12.9
	state	18.5	18.1	14.1	12.9
8	region	41.2	38.8	33.8	32.3
	state	41.2	38.8	33.8	32.3
	MTF	38.9	36.6	35.8	33.1
10	region	60.4	59.9	54.8	53.4
	state	60.4	59.9	54.8	53.4
	MTF	58.3	59.1	58.2	56.0
12	region	71.3	70.7	66.3	65.9
	state	71.3	70.7	66.3	65.9
	MTF	71.9	72.3	71.0	70.0
Combined	region	45.2	44.3	38.9	38.2
	state	45.2	44.3	38.9	38.2

Table 7: Cigarettes - Lifetime Use

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	10.4	10.3	8.8	7.9
	state	10.4	10.3	8.8	7.9
8	region	25.2	23.9	22.0	21.1
	state	25.2	23.9	22.0	21.1
	MTF	20.5	20.1	20.0	18.4
10	region	38.8	38.0	35.8	33.0
	state	38.8	38.0	35.8	33.0
	MTF	31.7	32.7	33.0	30.4
12	region	48.2	46.0	44.3	44.1
	state	48.2	46.0	44.3	44.1
	MTF	44.7	43.6	42.2	40.0
Combined	region	28.9	27.9	25.5	24.6
	state	28.9	27.9	25.5	24.6

Table 8: Chewing Tobacco - Lifetime Use

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	5.9	5.7	5.9	5.4
	state	5.9	5.7	5.9	5.4
8	region	12.9	12.3	12.8	12.4
	state	12.9	12.3	12.8	12.4
	MTF	9.8	9.6	9.9	9.7
10	region	19.2	19.6	21.0	18.6
	state	19.2	19.6	21.0	18.6
	MTF	12.2	15.2	16.8	15.6
12	region	23.2	22.4	23.8	23.8
	state	23.2	22.4	23.8	23.8
	MTF	15.6	16.3	17.6	16.9
Combined	region	14.5	14.2	14.7	14.1
	state	14.5	14.2	14.7	14.1

Table 9: Marijuana - Lifetime Use

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	1.5	1.5	1.3	1.2
	state	1.5	1.5	1.3	1.2
8	region	9.6	9.6	9.3	9.2
	state	9.6	9.6	9.3	9.2
	MTF	14.6	15.7	17.3	16.4
10	region	23.4	24.3	23.8	23.5
	state	23.4	24.3	23.8	23.5
	MTF	29.9	32.3	33.4	34.5
12	region	34.2	35.0	34.4	34.9
	state	34.2	35.0	34.4	34.9
	MTF	42.6	42.0	43.8	45.5
Combined	region	15.4	15.8	14.9	15.2
	state	15.4	15.8	14.9	15.2

Table 10: Hallucinogens - Lifetime Use

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	0.3	0.2	0.2	0.2
	state	0.3	0.2	0.2	0.2
8	region	0.8	0.6	0.6	0.6
	state	0.8	0.6	0.6	0.6
	MTF	3.1	3.3	1.8	1.7
10	region	2.3	2.0	1.9	1.9
	state	2.3	2.0	1.9	1.9
	MTF	6.3	5.5	3.0	2.8
12	region	3.9	3.6	3.3	3.5
	state	3.9	3.6	3.3	3.5
	MTF	8.1	8.7	4.0	4.0
Combined	region	1.6	1.4	1.3	1.3
	state	1.6	1.4	1.3	1.3

Table 11: Cocaine - Lifetime Use

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	0.4	0.4	0.3	0.3
	state	0.4	0.4	0.3	0.3
8	region	1.2	1.0	0.9	0.8
	state	1.2	1.0	0.9	0.8
	MTF	3.1	2.6	2.6	2.2
10	region	2.4	2.1	1.6	1.7
	state	2.4	2.1	1.6	1.7
	MTF	5.2	4.6	3.7	3.3
12	region	4.3	3.3	2.8	2.9
	state	4.3	3.3	2.8	2.9
	MTF	7.8	6.0	5.5	5.2
Combined	region	1.9	1.6	1.2	1.3
	state	1.9	1.6	1.2	1.3

Table 12: Inhalants - Lifetime Use

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	8.9	8.7	7.0	6.8
	state	8.9	8.7	7.0	6.8
8	region	15.9	14.7	12.0	11.6
	state	15.9	14.7	12.0	11.6
	MTF	15.7	14.9	14.5	13.1
10	region	14.6	15.1	12.1	11.9
	state	14.6	15.1	12.1	11.9
	MTF	12.8	12.3	12.0	10.1
12	region	12.1	11.4	9.9	9.4
	state	12.1	11.4	9.9	9.4
	MTF	9.9	9.5	9.0	8.1
Combined	region	12.8	12.4	10.2	9.9
	state	12.8	12.4	10.2	9.9

Table 13: Sedatives - Lifetime Use

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	4.9	5.0	3.9	4.1
	state	4.9	5.0	3.9	4.1
8	region	10.4	9.7	8.1	8.2
	state	10.4	9.7	8.1	8.2
	MTF	3.9	3.9	4.4	3.4
10	region	15.9	16.3	14.4	13.6
	state	15.9	16.3	14.4	13.6
	MTF	6.8	7.0	7.3	6.8
12	region	18.8	18.4	16.0	15.7
	state	18.8	18.4	16.0	15.7
	MTF	8.9	9.3	8.5	8.7
Combined	region	11.8	11.7	9.8	9.8
	state	11.8	11.7	9.8	9.8

Table 14: Meth - Lifetime Use

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	0.4	0.5	0.3	0.3
	state	0.4	0.5	0.3	0.3
8	region	1.1	0.9	0.7	0.8
	state	1.1	0.9	0.7	0.8
	MTF	2.3	1.6	1.8	1.3
10	region	1.8	1.8	1.6	1.5
	state	1.8	1.8	1.6	1.5
	MTF	2.4	2.8	2.5	2.1
12	region	2.7	2.2	1.9	1.9
	state	2.7	2.2	1.9	1.9
	MTF	2.8	2.4	2.3	2.1
Combined	region	1.4	1.3	1.0	1.0
	state	1.4	1.3	1.0	1.0

Table 15: Stimulants - Lifetime Use

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	0.5	0.5	0.3	0.2
	state	0.5	0.5	0.3	0.2
8	region	1.5	1.3	1.0	0.9
	state	1.5	1.3	1.0	0.9
	MTF	6.8	6.0	5.7	5.2
10	region	4.1	4.0	3.3	2.7
	state	4.1	4.0	3.3	2.7
	MTF	9.0	10.3	10.6	9.0
12	region	6.2	6.1	5.3	5.1
	state	6.2	6.1	5.3	5.1
	MTF	10.5	9.9	11.1	12.2
Combined	region	2.8	2.7	2.1	2.0
	state	2.8	2.7	2.1	2.0

Table 16: Heroin - Lifetime Use

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	0.2	0.3	0.1	0.2
	state	0.2	0.3	0.1	0.2
8	region	0.6	0.5	0.5	0.6
	state	0.6	0.5	0.5	0.6
	MTF	1.4	1.3	1.3	1.2
10	region	1.1	1.3	0.9	0.9
	state	1.1	1.3	0.9	0.9
	MTF	1.2	1.5	1.3	1.2
12	region	2.0	1.9	1.7	1.7
	state	2.0	1.9	1.7	1.7
	MTF	1.3	1.2	1.6	1.4
Combined	region	0.9	0.9	0.7	0.8
	state	0.9	0.9	0.7	0.8

Table 17: Ecstasy - Lifetime Use

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	0.2	0.1	0.1	0.2
	state	0.2	0.1	0.1	0.2
8	region	1.1	1.1	0.9	0.8
	state	1.1	1.1	0.9	0.8
	MTF	2.4	2.2	3.3	2.6
10	region	3.3	3.2	2.8	2.5
	state	3.3	3.2	2.8	2.5
	MTF	4.3	5.5	6.4	6.6
12	region	5.2	5.3	4.6	4.1
	state	5.2	5.3	4.6	4.1
	MTF	6.2	6.5	7.3	8.0
Combined	region	2.2	2.2	1.8	1.6
	state	2.2	2.2	1.8	1.6

Table 18: Prescription Drugs - Lifetime Use

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	3.9	3.7	2.9	2.9
	state	3.9	3.7	2.9	2.9
8	region	10.6	9.1	7.8	7.5
	state	10.6	9.1	7.8	7.5
10	region	18.0	17.7	15.5	14.6
	state	18.0	17.7	15.5	14.6
12	region	22.2	21.2	19.6	19.1
	state	22.2	21.2	19.6	19.1
Combined	region	12.8	12.1	10.4	10.1
	state	12.8	12.1	10.4	10.1

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

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	2.5	2.3	2.0	1.9
	state	2.5	2.3	2.0	1.9
8	region	6.0	5.4	4.3	4.1
	state	6.0	5.4	4.3	4.1
10	region	9.4	9.0	7.3	6.9
	state	9.4	9.0	7.3	6.9
12	region	11.0	9.6	8.7	8.0
	state	11.0	9.6	8.7	8.0
Combined	region	6.8	6.2	5.1	4.9
	state	6.8	6.2	5.1	4.9

Table 20: Alcopops - Lifetime Use

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	0.0	9.0	6.6	6.2
	state	0.0	9.0	6.6	6.2
8	region	0.0	25.6	22.0	21.1
	state	0.0	25.6	22.0	21.1
	MTF	–	29.4	30.0	27.0
10	region	0.0	44.8	39.5	38.8
	state	0.0	44.8	39.5	38.8
	MTF	–	51.4	51.3	48.4
12	region	0.0	54.7	50.1	49.9
	state	0.0	54.7	50.1	49.9
	MTF	–	67.4	62.6	62.4
Combined	region	0.0	31.3	26.8	26.7
	state	0.0	31.3	26.8	26.7

Table 21: Any Drug - Lifetime Use

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	15.2	14.6	12.2	12.3
	state	15.2	14.6	12.2	12.3
8	region	29.0	27.0	23.8	23.4
	state	29.0	27.0	23.8	23.4
10	region	38.5	39.3	35.9	35.7
	state	38.5	39.3	35.9	35.7
12	region	45.5	45.4	43.2	43.5
	state	45.5	45.4	43.2	43.5
Combined	region	30.6	30.0	26.8	27.0
	state	30.6	30.0	26.8	27.0

Table 22: Alcohol - Past 30 Day Use

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	3.9	3.8	2.6	2.6
	state	3.9	3.8	2.6	2.6
8	region	15.0	13.8	11.3	11.0
	state	15.0	13.8	11.3	11.0
	MTF	15.9	14.9	13.8	12.7
10	region	28.5	28.2	24.8	24.0
	state	28.5	28.2	24.8	24.0
	MTF	28.8	30.4	28.9	27.2
12	region	39.1	37.7	34.7	35.0
	state	39.1	37.7	34.7	35.0
	MTF	43.1	43.5	41.2	40.0
Combined	region	19.8	19.1	16.2	16.3
	state	19.8	19.1	16.2	16.3

Table 23: Cigarettes - Past 30 Day Use

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	1.8	1.8	1.5	1.4
	state	1.8	1.8	1.5	1.4
8	region	7.5	6.8	5.9	5.7
	state	7.5	6.8	5.9	5.7
	MTF	6.8	6.5	7.1	6.1
10	region	14.6	14.6	14.1	12.3
	state	14.6	14.6	14.1	12.3
	MTF	12.3	13.1	13.6	11.8
12	region	22.7	21.3	20.0	20.2
	state	22.7	21.3	20.0	20.2
	MTF	20.4	20.1	19.2	18.7
Combined	region	10.6	10.2	9.1	8.8
	state	10.6	10.2	9.1	8.8

Table 24: Chewing Tobacco - Past 30 Day Use

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	1.6	1.5	1.6	1.5
	state	1.6	1.5	1.6	1.5
8	region	5.3	5.2	4.6	4.5
	state	5.3	5.2	4.6	4.5
	MTF	3.5	3.7	4.1	3.5
10	region	8.6	9.4	9.4	8.1
	state	8.6	9.4	9.4	8.1
	MTF	5.0	6.5	7.5	6.6
12	region	10.7	10.7	10.5	10.5
	state	10.7	10.7	10.5	10.5
	MTF	6.5	8.4	8.5	8.3
Combined	region	6.1	6.3	5.9	5.6
	state	6.1	6.3	5.9	5.6

Table 25: Marijuana - Past 30 Day Use

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	0.5	0.5	0.4	0.4
	state	0.5	0.5	0.4	0.4
8	region	3.9	4.1	3.9	4.0
	state	3.9	4.1	3.9	4.0
	MTF	5.8	6.5	8.0	7.2
10	region	10.4	11.4	11.2	11.1
	state	10.4	11.4	11.2	11.1
	MTF	13.8	15.9	16.7	17.6
12	region	14.6	15.7	16.1	16.8
	state	14.6	15.7	16.1	16.8
	MTF	19.4	20.6	21.4	22.6
Combined	region	6.6	7.1	6.8	7.1
	state	6.6	7.1	6.8	7.1

Table 26: Hallucinogens - Past 30 Day Use

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	0.1	0.1	0.1	0.0
	state	0.1	0.1	0.1	0.0
8	region	0.4	0.3	0.2	0.2
	state	0.4	0.3	0.2	0.2
	MTF	0.9	0.9	0.6	0.5
10	region	0.7	0.7	0.6	0.6
	state	0.7	0.7	0.6	0.6
	MTF	1.7	1.3	0.7	0.7
12	region	1.1	0.9	0.9	1.1
	state	1.1	0.9	0.9	1.1
	MTF	1.6	2.2	0.8	0.8
Combined	region	0.5	0.4	0.4	0.4
	state	0.5	0.4	0.4	0.4

Table 27: Cocaine - Past 30 Day Use

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	0.1	0.2	0.1	0.1
	state	0.1	0.2	0.1	0.1
8	region	0.5	0.4	0.3	0.3
	state	0.5	0.4	0.3	0.3
	MTF	0.8	0.8	0.6	0.8
10	region	0.4	0.5	0.5	0.5
	state	0.4	0.5	0.5	0.5
	MTF	1.3	0.9	0.9	0.7
12	region	0.7	0.6	0.6	0.6
	state	0.7	0.6	0.6	0.6
	MTF	2.0	1.3	1.3	1.1
Combined	region	0.4	0.4	0.3	0.3
	state	0.4	0.4	0.3	0.3

Table 28: Inhalants - Past 30 Day Use

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	3.9	3.8	3.1	2.9
	state	3.9	3.8	3.1	2.9
8	region	6.3	6.1	4.5	4.2
	state	6.3	6.1	4.5	4.2
	MTF	4.1	3.8	3.6	3.2
10	region	3.8	4.1	3.3	3.2
	state	3.8	4.1	3.3	3.2
	MTF	2.1	2.2	2.0	1.7
12	region	2.3	2.3	1.7	1.7
	state	2.3	2.3	1.7	1.7
	MTF	1.4	1.2	1.4	1.0
Combined	region	4.2	4.2	3.3	3.1
	state	4.2	4.2	3.3	3.1

Table 29: Sedatives - Past 30 Day Use

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	1.9	1.9	1.5	1.6
	state	1.9	1.9	1.5	1.6
8	region	4.6	4.3	3.7	3.6
	state	4.6	4.3	3.7	3.6
	MTF	—	—	1.2	1.0
10	region	7.3	7.6	6.6	6.5
	state	7.3	7.6	6.6	6.5
	MTF	—	—	2.2	1.9
12	region	8.3	8.2	6.7	6.6
	state	8.3	8.2	6.7	6.6
	MTF	2.8	2.5	2.5	2.3
Combined	region	5.2	5.2	4.3	4.3
	state	5.2	5.2	4.3	4.3

Table 30: Meth - Past 30 Day Use

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	0.1	0.2	0.1	0.1
	state	0.1	0.2	0.1	0.1
8	region	0.4	0.3	0.2	0.3
	state	0.4	0.3	0.2	0.3
	MTF	0.7	0.5	0.7	0.4
10	region	0.4	0.5	0.4	0.4
	state	0.4	0.5	0.4	0.4
	MTF	0.7	0.6	0.7	0.5
12	region	0.6	0.6	0.4	0.5
	state	0.6	0.6	0.4	0.5
	MTF	0.6	0.5	0.5	0.6
Combined	region	0.4	0.4	0.3	0.3
	state	0.4	0.4	0.3	0.3

Table 31: Stimulants - Past 30 Day Use

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	0.2	0.2	0.1	0.1
	state	0.2	0.2	0.1	0.1
8	region	0.6	0.6	0.3	0.4
	state	0.6	0.6	0.3	0.4
	MTF	2.2	1.9	1.8	1.8
10	region	1.4	1.5	1.1	1.0
	state	1.4	1.5	1.1	1.0
	MTF	2.8	3.3	3.3	3.1
12	region	1.9	1.9	1.6	1.8
	state	1.9	1.9	1.6	1.8
	MTF	2.9	3.0	3.3	3.7
Combined	region	0.9	1.0	0.7	0.7
	state	0.9	1.0	0.7	0.7

Table 32: Heroin - Past 30 Day Use

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	0.1	0.1	0.1	0.1
	state	0.1	0.1	0.1	0.1
8	region	0.3	0.2	0.2	0.2
	state	0.3	0.2	0.2	0.2
	MTF	0.4	0.4	0.4	0.4
10	region	0.4	0.5	0.2	0.3
	state	0.4	0.5	0.2	0.3
	MTF	0.4	0.4	0.4	0.4
12	region	0.6	0.6	0.5	0.5
	state	0.6	0.6	0.5	0.5
	MTF	0.4	0.4	0.4	0.4
Combined	region	0.3	0.3	0.2	0.2
	state	0.3	0.3	0.2	0.2

Table 33: Ecstasy - Past 30 Day Use

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	0.1	0.1	0.1	0.1
	state	0.1	0.1	0.1	0.1
8	region	0.5	0.4	0.3	0.3
	state	0.5	0.4	0.3	0.3
	MTF	0.8	0.6	1.1	0.6
10	region	0.9	0.9	0.8	0.7
	state	0.9	0.9	0.8	0.7
	MTF	1.1	1.3	1.9	1.6
12	region	1.0	1.2	0.9	0.8
	state	1.0	1.2	0.9	0.8
	MTF	1.8	1.8	1.4	2.3
Combined	region	0.6	0.6	0.5	0.4
	state	0.6	0.6	0.5	0.4

Table 34: Prescription Drugs - Past 30 Day Use

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	1.6	1.6	1.2	1.4
	state	1.6	1.6	1.2	1.4
8	region	4.7	4.1	3.5	3.3
	state	4.7	4.1	3.5	3.3
10	region	8.1	8.1	6.8	6.6
	state	8.1	8.1	6.8	6.6
12	region	9.8	9.3	8.0	7.8
	state	9.8	9.3	8.0	7.8
Combined	region	5.6	5.4	4.4	4.4
	state	5.6	5.4	4.4	4.4

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

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	1.2	1.2	1.0	1.0
	state	1.2	1.2	1.0	1.0
8	region	3.1	2.8	2.1	2.1
	state	3.1	2.8	2.1	2.1
10	region	4.2	4.0	3.0	3.2
	state	4.2	4.0	3.0	3.2
12	region	4.2	3.9	3.2	3.1
	state	4.2	3.9	3.2	3.1
Combined	region	3.0	2.9	2.2	2.2
	state	3.0	2.9	2.2	2.2

Table 36: Alcopops - Past 30 Day Use

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	0.0	2.7	1.8	1.8
	state	0.0	2.7	1.8	1.8
8	region	0.0	9.8	8.0	7.7
	state	0.0	9.8	8.0	7.7
	MTF	–	9.5	9.4	8.6
10	region	0.0	19.2	16.3	15.7
	state	0.0	19.2	16.3	15.7
	MTF	–	19.0	19.4	15.8
12	region	0.0	23.9	21.1	21.8
	state	0.0	23.9	21.1	21.8
	MTF	–	27.4	24.1	23.1
Combined	region	0.0	12.8	10.6	10.7
	state	0.0	12.8	10.6	10.7

Table 37: Any Drug - Past 30 Day Use

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	7.3	7.2	6.0	5.9
	state	7.3	7.2	6.0	5.9
8	region	14.6	14.0	12.0	11.7
	state	14.6	14.0	12.0	11.7
10	region	20.0	21.2	19.2	19.1
	state	20.0	21.2	19.2	19.1
12	region	23.2	23.9	22.6	23.4
	state	23.2	23.9	22.6	23.4
Combined	region	15.5	15.8	13.9	14.1
	state	15.5	15.8	13.9	14.1

Table 38: Binge Drinking

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	3.3	1.7	1.2	1.1
	state	3.3	1.7	1.2	1.1
8	region	10.4	7.4	6.1	5.8
	state	10.4	7.4	6.1	5.8
10	region	17.7	17.2	15.0	15.0
	state	17.7	17.2	15.0	15.0
12	region	25.2	25.2	23.0	23.3
	state	25.2	25.2	23.0	23.3
Combined	region	13.1	11.7	9.9	10.0
	state	13.1	11.7	9.9	10.0

Table 39: Pack of Cigarettes

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	0.1	0.1	0.1	0.1
	state	0.1	0.1	0.1	0.1
8	region	0.7	0.6	0.4	0.4
	state	0.7	0.6	0.4	0.4
10	region	1.7	1.5	1.4	1.1
	state	1.7	1.5	1.4	1.1
12	region	2.8	2.5	2.1	2.0
	state	2.8	2.5	2.1	2.0
Combined	region	1.2	1.0	0.9	0.8
	state	1.2	1.0	0.9	0.8

Table 40: Suspended from School

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	10.5	11.2	10.9	10.6
	state	10.5	11.2	10.9	10.6
8	region	16.6	16.3	15.5	14.8
	state	16.6	16.3	15.5	14.8
10	region	15.1	15.2	14.7	13.2
	state	15.1	15.2	14.7	13.2
12	region	10.6	10.9	10.3	10.1
	state	10.6	10.9	10.3	10.1
Combined	region	13.3	13.6	13.0	12.3
	state	13.3	13.6	13.0	12.3

Table 41: Drunk or High at School

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	2.0	2.2	1.7	1.6
	state	2.0	2.2	1.7	1.6
8	region	8.2	7.8	6.8	6.7
	state	8.2	7.8	6.8	6.7
10	region	15.0	16.2	14.1	13.9
	state	15.0	16.2	14.1	13.9
12	region	18.2	18.5	17.1	17.7
	state	18.2	18.5	17.1	17.7
Combined	region	10.0	10.3	8.9	9.1
	state	10.0	10.3	8.9	9.1

Table 42: Sold Illegal Drugs

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	0.4	0.3	0.3	0.2
	state	0.4	0.3	0.3	0.2
8	region	2.1	2.0	2.1	1.9
	state	2.1	2.0	2.1	1.9
10	region	6.6	6.6	6.0	5.6
	state	6.6	6.6	6.0	5.6
12	region	8.6	8.4	8.0	7.8
	state	8.6	8.4	8.0	7.8
Combined	region	4.0	3.9	3.6	3.4
	state	4.0	3.9	3.6	3.4

Table 43: Stolen a Vehicle

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	1.3	1.2	1.2	1.0
	state	1.3	1.2	1.2	1.0
8	region	2.3	2.2	2.0	1.8
	state	2.3	2.2	2.0	1.8
10	region	3.5	3.1	2.8	2.3
	state	3.5	3.1	2.8	2.3
12	region	2.0	2.2	1.7	1.7
	state	2.0	2.2	1.7	1.7
Combined	region	2.2	2.1	1.9	1.7
	state	2.2	2.1	1.9	1.7

Table 44: Been Arrested

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	1.9	2.1	2.0	1.6
	state	1.9	2.1	2.0	1.6
8	region	5.7	5.0	4.5	4.3
	state	5.7	5.0	4.5	4.3
10	region	8.2	7.4	6.9	6.0
	state	8.2	7.4	6.9	6.0
12	region	7.2	7.1	6.2	6.1
	state	7.2	7.1	6.2	6.1
Combined	region	5.5	5.2	4.6	4.3
	state	5.5	5.2	4.6	4.3

Table 45: Attacked to Harm

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	13.5	13.9	11.9	11.1
	state	13.5	13.9	11.9	11.1
8	region	18.6	18.4	15.9	14.8
	state	18.6	18.4	15.9	14.8
10	region	18.3	18.8	16.5	14.3
	state	18.3	18.8	16.5	14.3
12	region	14.5	15.2	13.1	11.8
	state	14.5	15.2	13.1	11.8
Combined	region	16.3	16.6	14.3	13.1
	state	16.3	16.6	14.3	13.1

Table 46: Carried a Handgun

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	4.2	4.1	3.7	3.6
	state	4.2	4.1	3.7	3.6
8	region	5.7	5.2	4.3	4.4
	state	5.7	5.2	4.3	4.4
10	region	6.4	6.3	5.3	4.7
	state	6.4	6.3	5.3	4.7
12	region	6.3	6.1	5.1	5.0
	state	6.3	6.1	5.1	5.0
Combined	region	5.6	5.3	4.5	4.4
	state	5.6	5.3	4.5	4.4

Table 47: Handgun to School

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	0.4	0.3	0.4	0.4
	state	0.4	0.3	0.4	0.4
8	region	0.8	0.6	0.7	0.6
	state	0.8	0.6	0.7	0.6
10	region	1.1	0.9	0.9	0.9
	state	1.1	0.9	0.9	0.9
12	region	1.1	1.0	1.0	1.1
	state	1.1	1.0	1.0	1.1
Combined	region	0.8	0.7	0.7	0.7
	state	0.8	0.7	0.7	0.7

Table 48: Community Risk - Low Neighborhood Attachment

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	44.1	44.7	42.5	42.0
	state	44.1	44.7	42.5	42.0
8	region	35.3	35.5	35.4	34.6
	state	35.3	35.5	35.4	34.6
10	region	41.5	42.5	41.7	40.7
	state	41.5	42.5	41.7	40.7
12	region	44.2	44.9	44.4	44.0
	state	44.2	44.9	44.4	44.0
Combined	region	41.1	41.6	40.6	40.0
	state	41.1	41.6	40.6	40.0

Table 49: Community Risk - High Community Disorganization

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	37.2	38.4	34.7	35.6
	state	37.2	38.4	34.7	35.6
8	region	33.9	34.5	32.2	31.7
	state	33.9	34.5	32.2	31.7
10	region	45.1	46.6	45.0	43.7
	state	45.1	46.6	45.0	43.7
12	region	42.7	45.5	43.3	42.9
	state	42.7	45.5	43.3	42.9
Combined	region	39.3	40.8	38.1	37.9
	state	39.3	40.8	38.1	37.9

Table 50: Community Risk - Transitions and Mobility

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	52.1	51.1	50.0	49.5
	state	52.1	51.1	50.0	49.5
8	region	55.5	53.1	53.8	52.7
	state	55.5	53.1	53.8	52.7
10	region	61.1	59.9	60.2	59.6
	state	61.1	59.9	60.2	59.6
12	region	50.4	51.1	52.5	51.5
	state	50.4	51.1	52.5	51.5
Combined	region	55.0	53.8	54.0	53.3
	state	55.0	53.8	54.0	53.3

Table 51: Community Risk - Laws and Norms Favorable to Drug Use

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	40.1	39.2	35.7	35.5
	state	40.1	39.2	35.7	35.5
8	region	33.5	33.7	31.0	30.8
	state	33.5	33.7	31.0	30.8
10	region	40.1	41.3	38.1	37.4
	state	40.1	41.3	38.1	37.4
12	region	33.8	33.7	31.6	31.9
	state	33.8	33.7	31.6	31.9
Combined	region	37.0	37.1	34.1	33.9
	state	37.0	37.1	34.1	33.9

Table 52: Community Risk - Perceived Availability of Drugs

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	23.7	22.7	18.9	18.8
	state	23.7	22.7	18.9	18.8
8	region	26.9	25.7	22.9	23.0
	state	26.9	25.7	22.9	23.0
10	region	37.5	36.3	33.9	33.0
	state	37.5	36.3	33.9	33.0
12	region	44.3	42.5	40.1	39.5
	state	44.3	42.5	40.1	39.5
Combined	region	32.2	30.9	27.7	27.5
	state	32.2	30.9	27.7	27.5

Table 53: Community Risk - Perceived Availability of Handguns

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	26.0	24.6	23.5	24.6
	state	26.0	24.6	23.5	24.6
8	region	39.4	37.3	35.6	36.4
	state	39.4	37.3	35.6	36.4
10	region	31.8	31.7	30.5	29.3
	state	31.8	31.7	30.5	29.3
12	region	39.1	36.6	35.8	35.9
	state	39.1	36.6	35.8	35.9
Combined	region	33.8	32.3	31.0	31.3
	state	33.8	32.3	31.0	31.3

Table 54: Family Risk - Poor Family Management

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	37.8	38.2	36.0	35.2
	state	37.8	38.2	36.0	35.2
8	region	40.3	39.7	36.6	36.7
	state	40.3	39.7	36.6	36.7
10	region	38.1	38.1	36.0	35.2
	state	38.1	38.1	36.0	35.2
12	region	41.0	39.7	37.0	36.9
	state	41.0	39.7	37.0	36.9
Combined	region	39.2	38.9	36.4	36.0
	state	39.2	38.9	36.4	36.0

Table 55: Family Risk - Family Conflict

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	39.2	40.5	36.0	35.0
	state	39.2	40.5	36.0	35.0
8	region	49.5	49.1	46.7	46.2
	state	49.5	49.1	46.7	46.2
10	region	39.3	40.8	39.5	38.3
	state	39.3	40.8	39.5	38.3
12	region	36.7	38.6	37.2	37.0
	state	36.7	38.6	37.2	37.0
Combined	region	41.5	42.6	40.1	39.3
	state	41.5	42.6	40.1	39.3

Table 56: Family Risk - Family History of Antisocial Behavior

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	35.8	35.3	33.3	33.1
	state	35.8	35.3	33.3	33.1
8	region	37.1	35.4	33.8	33.8
	state	37.1	35.4	33.8	33.8
10	region	40.4	40.4	38.5	37.0
	state	40.4	40.4	38.5	37.0
12	region	37.9	39.1	37.5	36.3
	state	37.9	39.1	37.5	36.3
Combined	region	37.7	37.4	35.5	34.9
	state	37.7	37.4	35.5	34.9

Table 57: Family Risk - Parental Attitudes Favorable to ATOD

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	13.6	14.5	12.7	12.4
	state	13.6	14.5	12.7	12.4
8	region	27.0	27.0	25.1	24.9
	state	27.0	27.0	25.1	24.9
10	region	41.1	41.5	38.1	38.1
	state	41.1	41.5	38.1	38.1
12	region	41.0	40.6	38.8	39.8
	state	41.0	40.6	38.8	39.8
Combined	region	29.6	29.9	27.2	27.5
	state	29.6	29.9	27.2	27.5

Table 58: Family Risk - Parental Attitudes Favorable to ASB

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	33.1	33.3	32.0	31.4
	state	33.1	33.3	32.0	31.4
8	region	45.2	45.8	43.9	43.4
	state	45.2	45.8	43.9	43.4
10	region	50.1	50.5	48.8	48.5
	state	50.1	50.5	48.8	48.5
12	region	49.3	48.0	47.0	48.0
	state	49.3	48.0	47.0	48.0
Combined	region	43.9	44.0	42.2	42.2
	state	43.9	44.0	42.2	42.2

Table 59: School Risk - Academic Failure

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	42.9	42.6	42.2	40.6
	state	42.9	42.6	42.2	40.6
8	region	44.9	44.6	43.0	42.0
	state	44.9	44.6	43.0	42.0
10	region	47.5	46.4	45.5	43.8
	state	47.5	46.4	45.5	43.8
12	region	41.2	39.6	39.7	37.3
	state	41.2	39.6	39.7	37.3
Combined	region	44.2	43.5	42.8	41.1
	state	44.2	43.5	42.8	41.1

Table 60: School Risk - Low Commitment to School

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	42.9	42.0	40.1	38.3
	state	42.9	42.0	40.1	38.3
8	region	35.4	35.1	34.0	33.2
	state	35.4	35.1	34.0	33.2
10	region	38.1	38.7	38.0	37.7
	state	38.1	38.7	38.0	37.7
12	region	42.2	40.6	40.9	41.0
	state	42.2	40.6	40.9	41.0
Combined	region	39.5	39.0	38.0	37.2
	state	39.5	39.0	38.0	37.2

Table 61: Peer Risk - Rebelliousness

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	47.4	44.6	42.3	40.2
	state	47.4	44.6	42.3	40.2
8	region	38.7	36.8	35.4	33.8
	state	38.7	36.8	35.4	33.8
10	region	44.7	44.5	43.6	42.2
	state	44.7	44.5	43.6	42.2
12	region	43.3	41.5	40.0	39.9
	state	43.3	41.5	40.0	39.9
Combined	region	43.6	41.8	40.2	38.8
	state	43.6	41.8	40.2	38.8

Table 62: Peer Risk - Early Initiation of Drug Use

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	26.4	25.8	21.7	20.3
	state	26.4	25.8	21.7	20.3
8	region	28.1	26.7	23.2	22.4
	state	28.1	26.7	23.2	22.4
10	region	30.9	30.8	27.6	25.5
	state	30.9	30.8	27.6	25.5
12	region	31.4	30.8	28.7	27.7
	state	31.4	30.8	28.7	27.7
Combined	region	28.9	28.3	24.8	23.6
	state	28.9	28.3	24.8	23.6

Table 63: Peer Risk - Early Initiation of ASB

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	25.8	26.8	24.2	23.5
	state	25.8	26.8	24.2	23.5
8	region	37.4	37.8	34.3	33.1
	state	37.4	37.8	34.3	33.1
10	region	41.3	41.7	39.1	36.8
	state	41.3	41.7	39.1	36.8
12	region	40.0	40.6	38.3	36.8
	state	40.0	40.6	38.3	36.8
Combined	region	35.5	36.2	33.2	31.9
	state	35.5	36.2	33.2	31.9

Table 64: Peer Risk - Peer Favorable Attitudes to ASB

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	38.9	39.2	38.3	36.7
	state	38.9	39.2	38.3	36.7
8	region	33.3	34.3	32.7	32.2
	state	33.3	34.3	32.7	32.2
10	region	41.5	42.3	41.9	40.5
	state	41.5	42.3	41.9	40.5
12	region	39.8	39.3	38.0	37.7
	state	39.8	39.3	38.0	37.7
Combined	region	38.2	38.6	37.5	36.5
	state	38.2	38.6	37.5	36.5

Table 65: Peer Risk - Peer Favorable Attitudes to Drug Use

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	18.0	18.0	15.6	15.1
	state	18.0	18.0	15.6	15.1
8	region	22.5	23.0	21.2	21.4
	state	22.5	23.0	21.2	21.4
10	region	32.8	34.1	32.4	32.2
	state	32.8	34.1	32.4	32.2
12	region	32.9	32.6	32.2	32.8
	state	32.9	32.6	32.2	32.8
Combined	region	25.7	26.1	24.2	24.3
	state	25.7	26.1	24.2	24.3

Table 66: Peer Risk - Intentions to Use

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	37.4	37.7	36.5	35.9
	state	37.4	37.7	36.5	35.9
8	region	27.2	27.7	26.5	26.8
	state	27.2	27.7	26.5	26.8
10	region	38.3	40.1	39.4	39.8
	state	38.3	40.1	39.4	39.8
12	region	29.4	29.9	30.1	30.7
	state	29.4	29.9	30.1	30.7
Combined	region	33.2	34.0	33.1	33.3
	state	33.2	34.0	33.1	33.3

Table 67: Peer Risk - Peer Perceived Risk of Drug Use

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	32.2	33.1	33.3	33.9
	state	32.2	33.1	33.3	33.9
8	region	36.3	37.7	36.8	37.7
	state	36.3	37.7	36.8	37.7
10	region	35.2	37.2	37.4	38.7
	state	35.2	37.2	37.4	38.7
12	region	41.2	43.1	43.7	45.3
	state	41.2	43.1	43.7	45.3
Combined	region	35.9	37.3	37.2	38.3
	state	35.9	37.3	37.2	38.3

Table 68: Peer Risk - Interaction with Antisocial Peers

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	38.7	40.1	39.0	38.8
	state	38.7	40.1	39.0	38.8
8	region	51.5	51.7	48.5	48.1
	state	51.5	51.7	48.5	48.1
10	region	52.6	52.2	50.4	48.5
	state	52.6	52.2	50.4	48.5
12	region	50.4	49.2	47.3	46.6
	state	50.4	49.2	47.3	46.6
Combined	region	47.9	48.0	45.9	45.2
	state	47.9	48.0	45.9	45.2

Table 69: Peer Risk - Friends' Use of Drugs

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	21.3	21.2	19.2	18.1
	state	21.3	21.2	19.2	18.1
8	region	31.2	30.7	28.4	28.1
	state	31.2	30.7	28.4	28.1
10	region	33.3	33.9	31.4	30.2
	state	33.3	33.9	31.4	30.2
12	region	31.1	30.5	28.0	29.0
	state	31.1	30.5	28.0	29.0
Combined	region	28.9	28.8	26.3	25.9
	state	28.9	28.8	26.3	25.9

Table 70: Peer Risk - Sensation Seeking

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	49.3	48.9	44.9	44.9
	state	49.3	48.9	44.9	44.9
8	region	50.1	50.0	44.3	44.6
	state	50.1	50.0	44.3	44.6
10	region	48.3	48.6	44.0	43.0
	state	48.3	48.6	44.0	43.0
12	region	51.3	49.1	45.5	45.1
	state	51.3	49.1	45.5	45.1
Combined	region	49.7	49.2	44.6	44.4
	state	49.7	49.2	44.6	44.4

Table 71: Peer Risk - Peer Rewards for Antisocial Involvement

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	23.7	23.7	24.2	23.9
	state	23.7	23.7	24.2	23.9
8	region	38.6	38.6	36.0	37.2
	state	38.6	38.6	36.0	37.2
10	region	40.2	41.6	42.7	42.8
	state	40.2	41.6	42.7	42.8
12	region	55.0	54.5	55.1	56.6
	state	55.0	54.5	55.1	56.6
Combined	region	38.0	38.2	37.7	38.5
	state	38.0	38.2	37.7	38.5

Table 72: Peer Risk - Depressive Symptoms

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	39.6	39.1	38.0	38.1
	state	39.6	39.1	38.0	38.1
8	region	43.6	43.1	42.8	41.7
	state	43.6	43.1	42.8	41.7
10	region	45.1	45.6	46.0	44.1
	state	45.1	45.6	46.0	44.1
12	region	40.2	40.9	41.3	39.6
	state	40.2	40.9	41.3	39.6
Combined	region	42.1	42.2	41.9	40.9
	state	42.1	42.2	41.9	40.9

Table 73: Peer Risk - Gang Involvement

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	20.6	19.9	19.5	18.5
	state	20.6	19.9	19.5	18.5
8	region	22.7	21.0	18.8	17.0
	state	22.7	21.0	18.8	17.0
10	region	26.3	26.7	26.3	24.4
	state	26.3	26.7	26.3	24.4
12	region	23.0	23.8	25.7	25.2
	state	23.0	23.8	25.7	25.2
Combined	region	23.0	22.6	22.0	20.8
	state	23.0	22.6	22.0	20.8

Table 74: Community Protective - Opportunities for Prosocial Involvement

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	43.6	42.8	45.4	46.8
	state	43.6	42.8	45.4	46.8
8	region	50.8	49.7	51.8	51.4
	state	50.8	49.7	51.8	51.4
10	region	49.2	47.7	49.3	49.9
	state	49.2	47.7	49.3	49.9
12	region	48.8	47.7	48.9	48.8
	state	48.8	47.7	48.9	48.8
Combined	region	48.0	46.9	48.8	49.2
	state	48.0	46.9	48.8	49.2

Table 75: Community Protective - Rewards for Prosocial Involvement

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	51.8	49.9	49.6	51.6
	state	51.8	49.9	49.6	51.6
8	region	43.8	43.0	42.3	42.0
	state	43.8	43.0	42.3	42.0
10	region	49.8	49.0	48.0	47.7
	state	49.8	49.0	48.0	47.7
12	region	49.1	47.7	47.1	46.2
	state	49.1	47.7	47.1	46.2
Combined	region	48.6	47.3	46.7	46.9
	state	48.6	47.3	46.7	46.9

Table 76: Family Protective - Family Attachment

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	57.6	54.4	55.6	56.4
	state	57.6	54.4	55.6	56.4
8	region	53.3	52.2	52.6	52.9
	state	53.3	52.2	52.6	52.9
10	region	45.7	44.0	44.9	45.8
	state	45.7	44.0	44.9	45.8
12	region	55.7	54.6	54.9	54.4
	state	55.7	54.6	54.9	54.4
Combined	region	53.1	51.2	52.1	52.4
	state	53.1	51.2	52.1	52.4

Table 77: Family Protective - Family Opportunities for PSI

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	61.8	59.2	61.0	61.9
	state	61.8	59.2	61.0	61.9
8	region	62.9	62.4	64.1	64.9
	state	62.9	62.4	64.1	64.9
10	region	55.7	54.5	56.6	57.4
	state	55.7	54.5	56.6	57.4
12	region	55.1	54.1	56.3	55.9
	state	55.1	54.1	56.3	55.9
Combined	region	59.2	57.9	59.9	60.4
	state	59.2	57.9	59.9	60.4

Table 78: Family Protective - Family Rewards for PSI

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	56.3	53.5	55.3	55.3
	state	56.3	53.5	55.3	55.3
8	region	63.8	63.4	63.1	64.0
	state	63.8	63.4	63.1	64.0
10	region	55.2	54.1	54.1	54.6
	state	55.2	54.1	54.1	54.6
12	region	54.6	52.9	53.4	52.6
	state	54.6	52.9	53.4	52.6
Combined	region	57.7	56.2	56.9	57.0
	state	57.7	56.2	56.9	57.0

Table 79: School Protective - School Opportunities for PSI

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	48.1	48.3	47.8	49.1
	state	48.1	48.3	47.8	49.1
8	region	67.3	67.3	65.3	66.3
	state	67.3	67.3	65.3	66.3
10	region	65.4	64.6	65.4	65.6
	state	65.4	64.6	65.4	65.6
12	region	65.1	66.1	66.3	66.2
	state	65.1	66.1	66.3	66.2
Combined	region	60.9	61.0	60.4	61.2
	state	60.9	61.0	60.4	61.2

Table 80: School Protective - School Rewards for PSI

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	58.5	56.1	56.8	57.9
	state	58.5	56.1	56.8	57.9
8	region	57.1	56.1	56.2	56.3
	state	57.1	56.1	56.2	56.3
10	region	64.9	64.5	65.5	64.9
	state	64.9	64.5	65.5	64.9
12	region	49.6	49.4	51.2	50.4
	state	49.6	49.4	51.2	50.4
Combined	region	57.9	56.9	57.7	57.7
	state	57.9	56.9	57.7	57.7

Table 81: Peer Protective - Religiosity

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	63.0	60.9	61.1	62.3
	state	63.0	60.9	61.1	62.3
8	region	67.5	66.6	67.3	67.0
	state	67.5	66.6	67.3	67.0
10	region	66.1	65.3	64.2	65.3
	state	66.1	65.3	64.2	65.3
12	region	85.7	86.0	85.3	85.2
	state	85.7	86.0	85.3	85.2
Combined	region	69.5	68.5	68.1	68.7
	state	69.5	68.5	68.1	68.7

Table 82: Peer Protective - Social Skills

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	70.5	69.0	70.1	72.3
	state	70.5	69.0	70.1	72.3
8	region	66.6	66.7	69.2	70.7
	state	66.6	66.7	69.2	70.7
10	region	58.6	57.9	61.2	62.2
	state	58.6	57.9	61.2	62.2
12	region	67.6	68.5	70.8	70.4
	state	67.6	68.5	70.8	70.4
Combined	region	66.0	65.5	67.9	69.1
	state	66.0	65.5	67.9	69.1

Table 83: Peer Protective - Belief in a Moral Order

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	63.9	61.3	63.3	64.8
	state	63.9	61.3	63.3	64.8
8	region	64.1	63.9	64.8	66.2
	state	64.1	63.9	64.8	66.2
10	region	66.9	65.7	67.2	68.3
	state	66.9	65.7	67.2	68.3
12	region	50.8	51.1	52.6	53.8
	state	50.8	51.1	52.6	53.8
Combined	region	62.1	61.1	62.7	64.0
	state	62.1	61.1	62.7	64.0

Table 84: Peer Protective - Prosocial Involvement

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	43.8	43.0	42.1	44.4
	state	43.8	43.0	42.1	44.4
8	region	48.0	47.3	45.9	47.6
	state	48.0	47.3	45.9	47.6
10	region	48.9	49.4	47.1	49.3
	state	48.9	49.4	47.1	49.3
12	region	43.2	44.3	43.0	42.9
	state	43.2	44.3	43.0	42.9
Combined	region	46.1	46.0	44.5	46.2
	state	46.1	46.0	44.5	46.2

Table 85: Peer Protective - Peer Rewards for Prosocial Involvement

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	61.9	62.0	64.0	66.1
	state	61.9	62.0	64.0	66.1
8	region	68.5	69.4	71.1	71.8
	state	68.5	69.4	71.1	71.8
10	region	65.8	66.6	66.9	68.1
	state	65.8	66.6	66.9	68.1
12	region	54.4	56.1	56.5	57.4
	state	54.4	56.1	56.5	57.4
Combined	region	63.2	64.1	65.3	66.5
	state	63.2	64.1	65.3	66.5

Table 86: Peer Protective - Interaction with Prosocial Peers

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	56.1	55.8	57.3	59.3
	state	56.1	55.8	57.3	59.3
8	region	65.2	64.6	65.3	65.4
	state	65.2	64.6	65.3	65.4
10	region	63.9	62.4	62.6	63.5
	state	63.9	62.4	62.6	63.5
12	region	61.0	60.7	61.0	59.4
	state	61.0	60.7	61.0	59.4
Combined	region	61.5	60.8	61.5	62.1
	state	61.5	60.8	61.5	62.1

Table 87: Sources of Alcohol

		Bought It Myself WITH a Fake ID	Bought It Myself WITHOUT a Fake ID	Someone I Know Age 21 or Older	Someone I Know Under Age 21	My Brother or Sister	Home WITH Parents' Permission	Home WITHOUT Parents' Permission	Another Relative	A Stranger Bought It For Me	Took It From a Store or Shop	Other
6	region	1.3	0.6	13.5	3.9	3.6	21.0	11.3	8.7	1.0	0.8	34.4
	state	1.3	0.6	13.5	3.9	3.6	21.0	11.3	8.7	1.0	0.8	34.4
8	region	0.8	0.5	20.8	9.7	4.5	16.8	14.7	9.3	1.2	0.5	21.1
	state	0.8	0.5	20.8	9.7	4.5	16.8	14.7	9.3	1.2	0.5	21.1
10	region	0.6	1.1	31.0	14.7	4.3	12.7	8.9	6.9	1.8	0.3	17.6
	state	0.6	1.1	31.0	14.7	4.3	12.7	8.9	6.9	1.8	0.3	17.6
12	region	1.1	2.9	44.8	13.8	2.8	9.6	2.7	4.7	2.6	0.2	14.8
	state	1.1	2.9	44.8	13.8	2.8	9.6	2.7	4.7	2.6	0.2	14.8
Combined	region	0.9	1.6	32.6	12.5	3.7	13.0	8.0	6.7	1.9	0.4	18.6
	state	0.9	1.6	32.6	12.5	3.7	13.0	8.0	6.7	1.9	0.4	18.6

Table 88: Location of Alcohol Use

		My Home	Someone Else's Home	Open Area Like a Park, etc.	Sporting Event or Concert	Restaurant, Bar, or a Nightclub	Empty Building or Site	Hotel/Motel	In a Car	At School
6	region	50.9	24.3	11.0	2.1	3.4	1.4	3.0	2.2	1.6
	state	50.9	24.3	11.0	2.1	3.4	1.4	3.0	2.2	1.6
8	region	41.2	40.5	9.8	1.3	1.9	1.1	1.2	1.5	1.4
	state	41.2	40.5	9.8	1.3	1.9	1.1	1.2	1.5	1.4
10	region	31.0	51.6	9.8	1.1	1.6	0.4	1.5	1.7	1.2
	state	31.0	51.6	9.8	1.1	1.6	0.4	1.5	1.7	1.2
12	region	22.0	59.4	10.3	1.3	2.1	0.3	1.5	2.0	1.2
	state	22.0	59.4	10.3	1.3	2.1	0.3	1.5	2.0	1.2
Combined	region	31.0	50.4	10.1	1.3	2.0	0.6	1.5	1.8	1.3
	state	31.0	50.4	10.1	1.3	2.0	0.6	1.5	1.8	1.3

Table 89: I feel safe at my school.

		NO!	no	yes	YES!
6	region	5.5	9.1	38.2	47.2
	state	5.5	9.1	38.2	47.2
8	region	7.3	12.5	51.2	29.1
	state	7.3	12.5	51.2	29.1
10	region	7.5	13.3	56.7	22.5
	state	7.5	13.3	56.7	22.5
12	region	7.4	10.6	55.8	26.3
	state	7.4	10.6	55.8	26.3
Combined	region	6.8	11.4	49.7	32.1
	state	6.8	11.4	49.7	32.1

Table 90: 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	99.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
	state	99.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
8	region	99.4	0.3	0.1	0.1	0.0	0.0	0.0	0.1
	state	99.4	0.3	0.1	0.1	0.0	0.0	0.0	0.1
10	region	99.1	0.4	0.1	0.1	0.1	0.1	0.0	0.2
	state	99.1	0.4	0.1	0.1	0.1	0.1	0.0	0.2
12	region	98.9	0.4	0.1	0.1	0.1	0.1	0.0	0.3
	state	98.9	0.4	0.1	0.1	0.1	0.1	0.0	0.3
Combined	region	99.3	0.4	0.1	0.1	0.0	0.0	0.0	0.1
	state	99.3	0.4	0.1	0.1	0.0	0.0	0.0	0.1

Table 91: How wrong do you think it is for someone your age to take a gun to school.

		Very Wrong	Wrong	A Little Bit Wrong	Not Wrong at All
6	region	92.1	6.1	1.2	0.6
	state	92.1	6.1	1.2	0.6
8	region	85.5	10.9	2.7	0.9
	state	85.5	10.9	2.7	0.9
10	region	86.1	9.9	2.8	1.2
	state	86.1	9.9	2.8	1.2
12	region	89.2	7.3	2.2	1.2
	state	89.2	7.3	2.2	1.2
Combined	region	88.3	8.6	2.2	0.9
	state	88.3	8.6	2.2	0.9

Table 92: Have any of your brothers/sisters ever taken a gun to school.

		No	Yes	I don't have any brothers or sisters
6	region	95.3	0.8	3.9
	state	95.3	0.8	3.9
8	region	94.3	1.4	4.2
	state	94.3	1.4	4.2
10	region	93.6	1.6	4.8
	state	93.6	1.6	4.8
12	region	92.7	2.1	5.2
	state	92.7	2.1	5.2
Combined	region	94.1	1.4	4.5
	state	94.1	1.4	4.5

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 93: Avg Age of First Marijuana

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	10.8	10.8	11.0	11.1
	state	10.8	10.8	11.0	11.1
8	region	12.1	12.1	12.1	12.1
	state	12.1	12.1	12.1	12.1
10	region	13.4	13.4	13.5	13.5
	state	13.4	13.4	13.5	13.5
12	region	14.6	14.5	14.6	14.7
	state	14.6	14.5	14.6	14.7
Combined	region	13.7	13.6	13.7	13.7
	state	13.7	13.6	13.7	13.7

Table 94: Avg Age of First Cigarettes

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	10.4	10.4	10.4	10.4
	state	10.4	10.4	10.4	10.4
8	region	11.3	11.3	11.3	11.3
	state	11.3	11.3	11.3	11.3
10	region	12.2	12.3	12.4	12.4
	state	12.2	12.3	12.4	12.4
12	region	13.3	13.3	13.4	13.5
	state	13.3	13.3	13.4	13.5
Combined	region	12.1	12.1	12.2	12.3
	state	12.1	12.1	12.2	12.3

Table 95: Avg Age of First Alcohol

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	10.5	10.5	10.5	10.5
	state	10.5	10.5	10.5	10.5
8	region	11.6	11.6	11.7	11.6
	state	11.6	11.6	11.7	11.6
10	region	12.9	12.9	13.0	13.0
	state	12.9	12.9	13.0	13.0
12	region	14.1	14.1	14.2	14.2
	state	14.1	14.1	14.2	14.2
Combined	region	12.6	12.6	12.7	12.7
	state	12.6	12.6	12.7	12.7

Table 96: Avg Age of First Regular Alcohol Use

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	10.9	10.8	10.8	10.9
	state	10.9	10.8	10.8	10.9
8	region	12.3	12.3	12.3	12.2
	state	12.3	12.3	12.3	12.2
10	region	14.0	14.0	14.0	14.0
	state	14.0	14.0	14.0	14.0
12	region	15.3	15.3	15.3	15.3
	state	15.3	15.3	15.3	15.3
Combined	region	14.1	14.1	14.1	14.2
	state	14.1	14.1	14.1	14.2

Table 97: Avg Age of First School Suspension

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	10.5	10.5	10.5	10.5
	state	10.5	10.5	10.5	10.5
8	region	11.6	11.5	11.5	11.5
	state	11.6	11.5	11.5	11.5
10	region	12.5	12.4	12.5	12.3
	state	12.5	12.4	12.5	12.3
12	region	13.3	13.2	13.2	13.1
	state	13.3	13.2	13.2	13.1
Combined	region	12.0	12.0	12.0	11.9
	state	12.0	12.0	12.0	11.9

Table 98: Avg Age of First Been Arrested

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	10.9	10.9	10.9	10.8
	state	10.9	10.9	10.9	10.8
8	region	12.3	12.3	12.2	12.2
	state	12.3	12.3	12.2	12.2
10	region	13.7	13.7	13.6	13.6
	state	13.7	13.7	13.6	13.6
12	region	15.0	15.0	14.9	14.8
	state	15.0	15.0	14.9	14.8
Combined	region	13.5	13.5	13.4	13.5
	state	13.5	13.5	13.4	13.5

Table 99: Avg Age of First Carried a Gun

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	10.7	10.7	10.7	10.8
	state	10.7	10.7	10.7	10.8
8	region	11.7	11.7	11.7	11.7
	state	11.7	11.7	11.7	11.7
10	region	12.9	12.8	12.8	12.8
	state	12.9	12.8	12.8	12.8
12	region	14.1	13.9	13.9	13.7
	state	14.1	13.9	13.9	13.7
Combined	region	12.4	12.3	12.3	12.2
	state	12.4	12.3	12.3	12.2

Table 100: Avg Age of First Attacked to Harm

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	10.6	10.6	10.6	10.6
	state	10.6	10.6	10.6	10.6
8	region	11.8	11.8	11.7	11.7
	state	11.8	11.8	11.7	11.7
10	region	12.8	12.7	12.8	12.7
	state	12.8	12.7	12.8	12.7
12	region	13.7	13.6	13.5	13.5
	state	13.7	13.6	13.5	13.5
Combined	region	12.2	12.2	12.2	12.1
	state	12.2	12.2	12.2	12.1

Table 101: Avg Age of First Belonged to a Gang

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	10.9	10.9	10.9	10.9
	state	10.9	10.9	10.9	10.9
8	region	12.2	12.1	12.0	12.0
	state	12.2	12.1	12.0	12.0
10	region	13.1	12.9	12.9	12.7
	state	13.1	12.9	12.9	12.7
12	region	13.7	13.4	13.6	13.1
	state	13.7	13.4	13.6	13.1
Combined	region	12.5	12.3	12.4	12.2
	state	12.5	12.3	12.4	12.2

No Child Left Behind Profile - Grade 6
Sample State

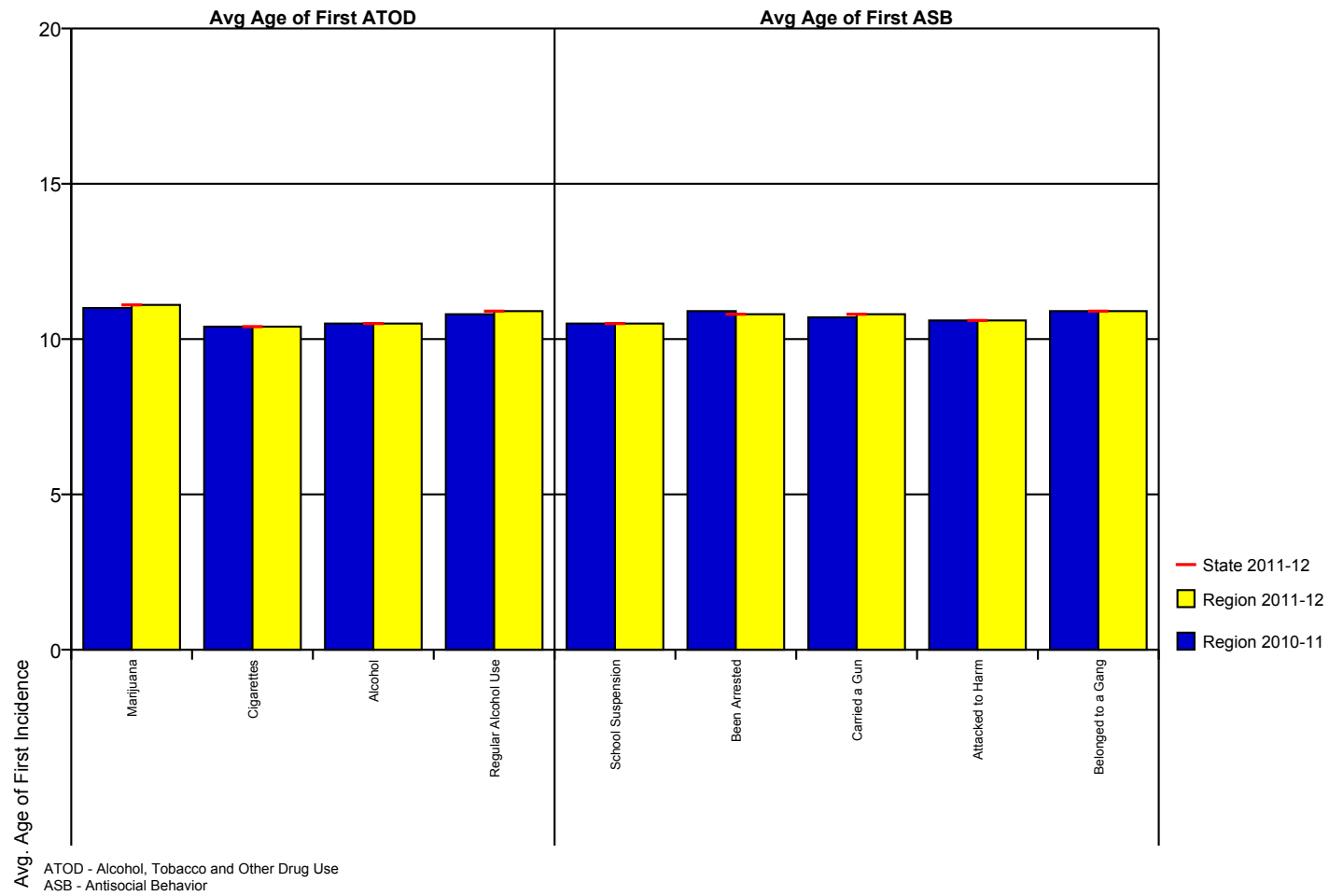


Figure 25: No Child Left Behind Profile - Grade 6

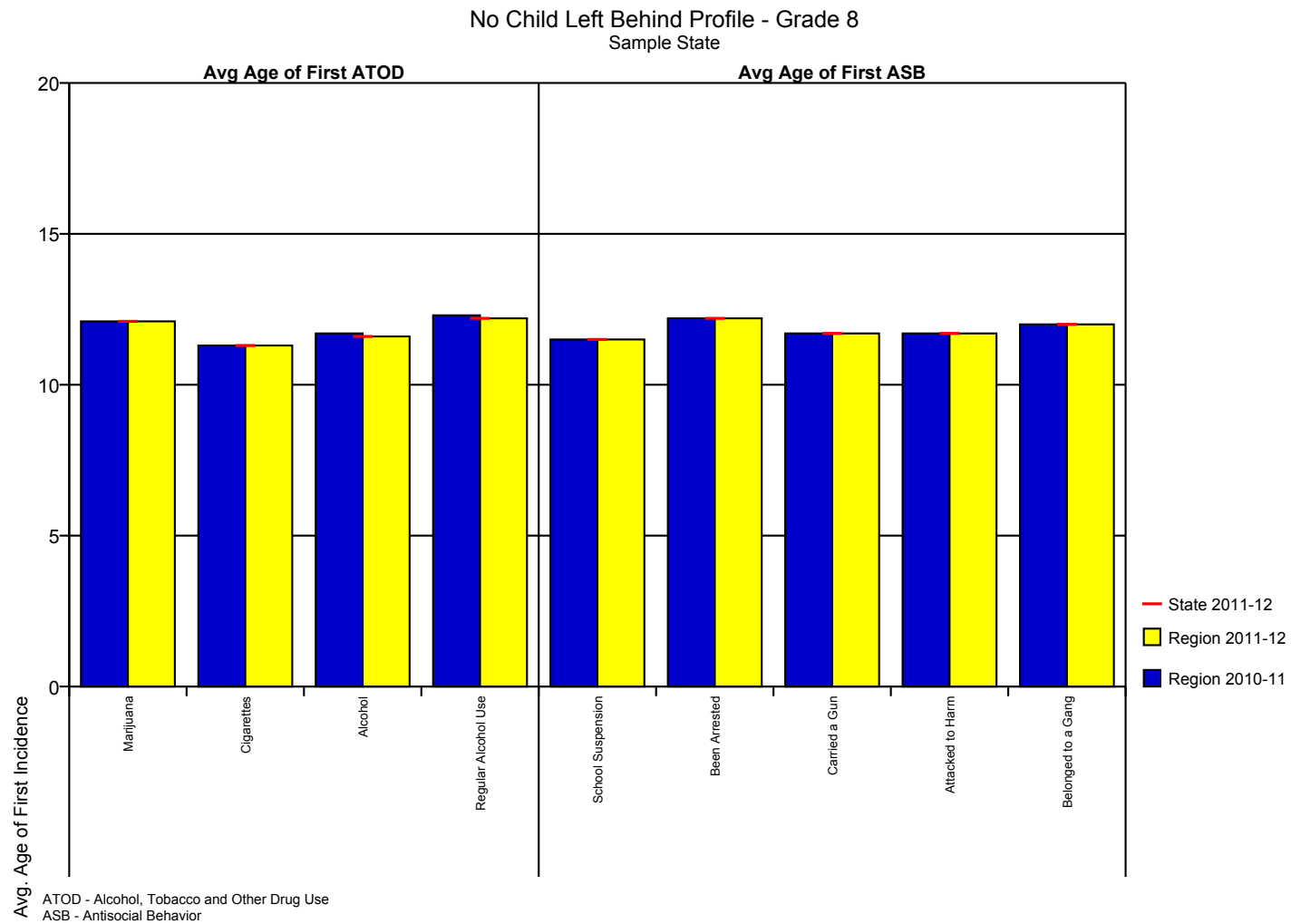


Figure 26: No Child Left Behind Profile - Grade 8

No Child Left Behind Profile - Grade 10
Sample State

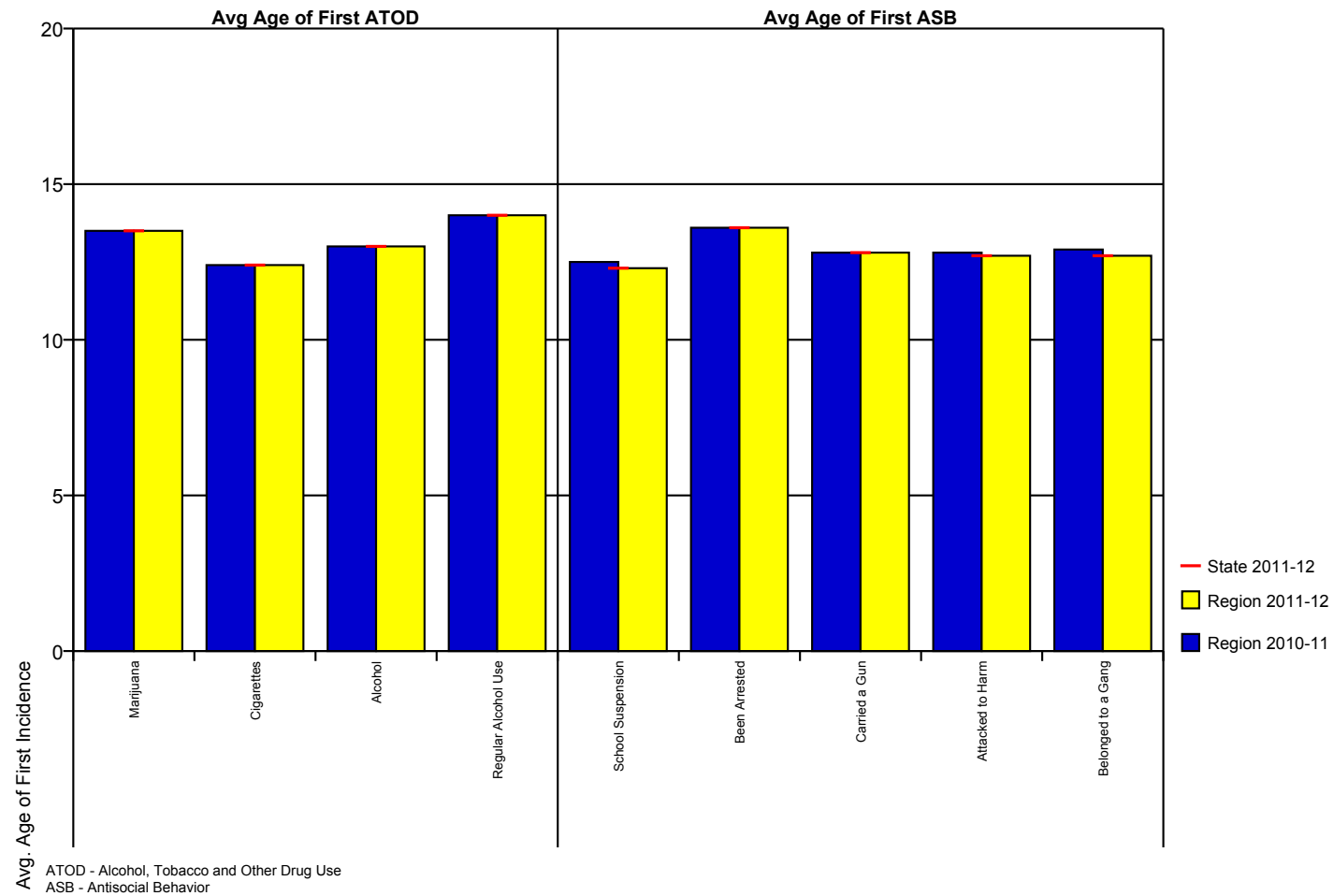


Figure 27: No Child Left Behind Profile - Grade 10

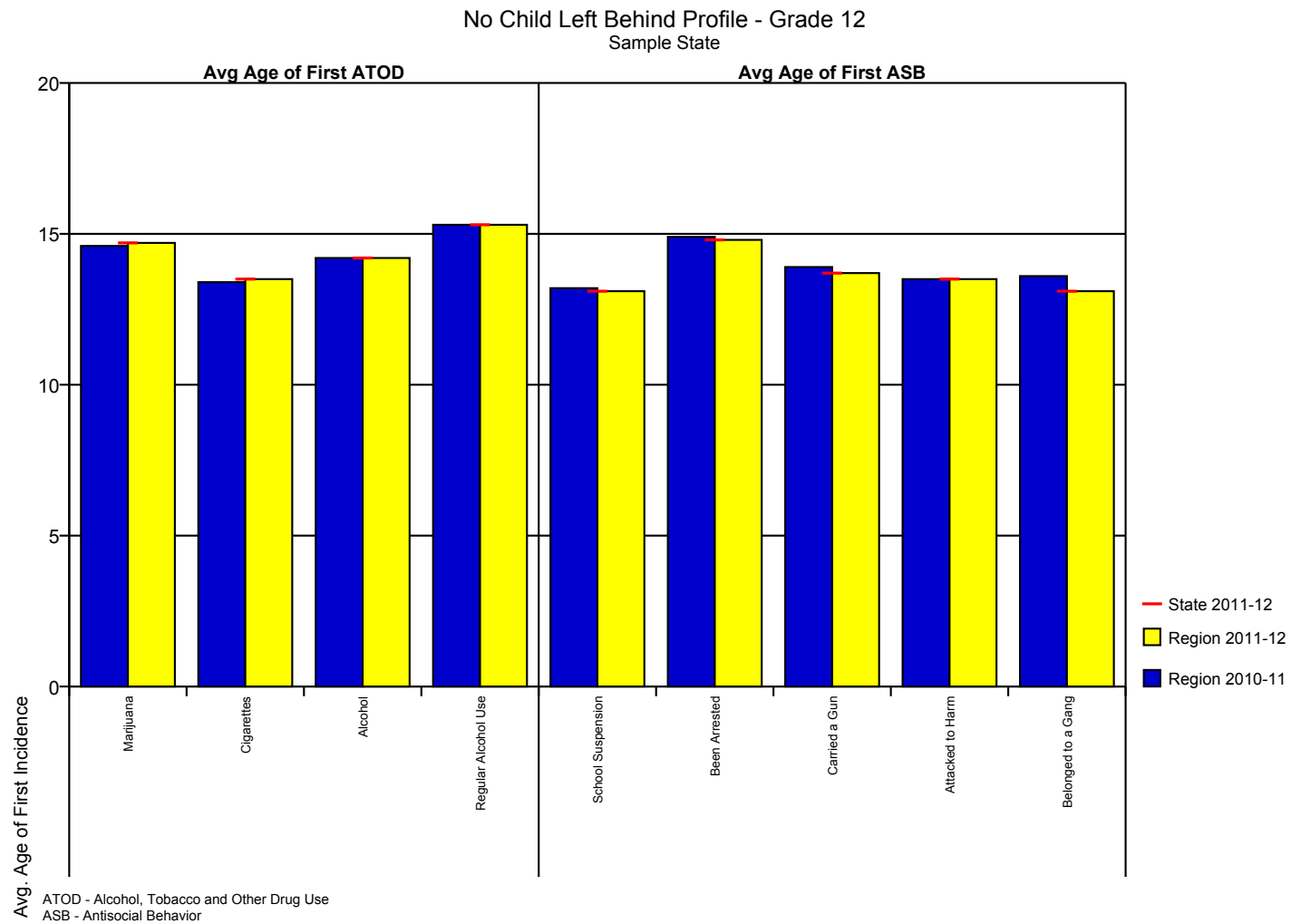


Figure 28: No Child Left Behind Profile - Grade 12

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 (Q56-Q59) to the already existing items (Q52-Q55) 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 102: Cigarettes - Lifetime Use

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	10.4	10.3	8.8	7.9
	state	10.4	10.3	8.8	7.9
8	region	25.2	23.9	22.0	21.1
	state	25.2	23.9	22.0	21.1
10	region	38.8	38.0	35.8	33.0
	state	38.8	38.0	35.8	33.0
12	region	48.2	46.0	44.3	44.1
	state	48.2	46.0	44.3	44.1
Combined	region	28.9	27.9	25.5	24.6
	state	28.9	27.9	25.5	24.6

Table 103: Chewing Tobacco - Lifetime Use

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	5.9	5.7	5.9	5.4
	state	5.9	5.7	5.9	5.4
8	region	12.9	12.3	12.8	12.4
	state	12.9	12.3	12.8	12.4
10	region	19.2	19.6	21.0	18.6
	state	19.2	19.6	21.0	18.6
12	region	23.2	22.4	23.8	23.8
	state	23.2	22.4	23.8	23.8
Combined	region	14.5	14.2	14.7	14.1
	state	14.5	14.2	14.7	14.1

Table 104: Cigarettes - Past 30 Day Use

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	1.8	1.8	1.5	1.4
	state	1.8	1.8	1.5	1.4
8	region	7.5	6.8	5.9	5.7
	state	7.5	6.8	5.9	5.7
10	region	14.6	14.6	14.1	12.3
	state	14.6	14.6	14.1	12.3
12	region	22.7	21.3	20.0	20.2
	state	22.7	21.3	20.0	20.2
Combined	region	10.6	10.2	9.1	8.8
	state	10.6	10.2	9.1	8.8

Table 105: Chewing Tobacco - Past 30 Day Use

Grade	Group	2008-9	2009-10	2010-11	2011-12
6	region	1.6	1.5	1.6	1.5
	state	1.6	1.5	1.6	1.5
8	region	5.3	5.2	4.6	4.5
	state	5.3	5.2	4.6	4.5
10	region	8.6	9.4	9.4	8.1
	state	8.6	9.4	9.4	8.1
12	region	10.7	10.7	10.5	10.5
	state	10.7	10.7	10.5	10.5
Combined	region	6.1	6.3	5.9	5.6
	state	6.1	6.3	5.9	5.6

The new tobacco-related items, Q56-Q57, explore rules regarding smoking at the student's home, and Q58-Q59 assess the availability of tobacco prevention programming within school settings. The following tables show the results for these four items.

Table 106: Which statement best describes rules about smoking inside your home?

		Smoking is not allowed anywhere inside your home	Smoking is allowed in some places and at some times	Smoking is allowed anywhere inside the home	There are no rules about smoking inside the home	I don't know
6	region	68.9	7.9	2.9	4.7	15.6
	state	68.9	7.9	2.9	4.7	15.6
8	region	68.0	7.2	3.4	7.1	14.4
	state	68.0	7.2	3.4	7.1	14.4
10	region	69.6	6.5	4.4	8.0	11.4
	state	69.6	6.5	4.4	8.0	11.4
12	region	72.5	6.7	4.3	8.3	8.3
	state	72.5	6.7	4.3	8.3	8.3
Combined	region	69.5	7.1	3.7	6.9	12.8
	state	69.5	7.1	3.7	6.9	12.8

Table 107: Which statement best describes rules about smoking in your family cars?

		Smoking is never allowed in any car	Smoking is allowed sometimes or in some cars	Smoking is allowed in any car anytime	There are no rules about smoking in the car	We do not have a family car	I don't know
6	region	64.9	12.1	3.4	5.3	1.0	13.4
	state	64.9	12.1	3.4	5.3	1.0	13.4
8	region	59.6	12.6	4.7	8.6	0.9	13.6
	state	59.6	12.6	4.7	8.6	0.9	13.6
10	region	59.5	12.2	5.7	9.9	1.0	11.6
	state	59.5	12.2	5.7	9.9	1.0	11.6
12	region	60.2	14.3	5.6	10.1	1.6	8.2
	state	60.2	14.3	5.6	10.1	1.6	8.2
Combined	region	61.2	12.7	4.8	8.2	1.1	12.0
	state	61.2	12.7	4.8	8.2	1.1	12.0

Table 108: During this school year, were you taught in any of your classes about the dangers of tobacco use?

		Strongly agree	Agree	Disagree	Strongly disagree	I don't know
6	region	50.5	24.2	5.6	5.5	14.1
	state	50.5	24.2	5.6	5.5	14.1
8	region	32.3	32.8	10.2	8.9	15.7
	state	32.3	32.8	10.2	8.9	15.7
10	region	19.8	31.7	16.0	16.1	16.4
	state	19.8	31.7	16.0	16.1	16.4
12	region	14.1	27.6	17.9	24.5	15.9
	state	14.1	27.6	17.9	24.5	15.9
Combined	region	30.9	29.1	11.8	12.7	15.5
	state	30.9	29.1	11.8	12.7	15.5

Table 109: 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 disagree	I don't know
6	region	25.7	19.4	13.6	16.7	24.6
	state	25.7	19.4	13.6	16.7	24.6
8	region	15.8	19.5	20.2	21.8	22.7
	state	15.8	19.5	20.2	21.8	22.7
10	region	12.2	17.5	24.0	27.5	18.7
	state	12.2	17.5	24.0	27.5	18.7
12	region	11.1	15.5	22.8	34.5	16.0
	state	11.1	15.5	22.8	34.5	16.0
Combined	region	16.8	18.2	19.8	24.2	21.0
	state	16.8	18.2	19.8	24.2	21.0

7 DRUG-FREE COMMUNITIES SUPPORT PROGRAM 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 tobacco, alcohol and marijuana 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. For *Age of Onset*, the average age of first use for those students who reported using is reported.

Past 30-Day Use The question *On how many occasions have you used ... 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 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.

Age of Onset The question *How old were you when you first...?* is used to measure this statistic. The possible responses to this question range from *10 or Under* to *17 or Older*. The table shows the average age of onset of use of those students who answered the question with a response other than *Never Used*.

Table 110: Core Measure by Grade for Past 30 Day Use

Grade	Alcohol		Cigarettes		Marijuana	
	pct	n	pct	n	pct	n
Grade 6	2.6	24386	1.4	24490	0.4	24368
Grade 8	11.0	24043	5.7	24142	4.0	24039
Grade 10	24.0	20697	12.3	20870	11.1	20671
Grade 12	35.0	16130	20.2	16237	16.8	16126
Combined	16.3	85256	8.8	85739	7.1	85204

Table 111: Core Measure by Grade for Perception of Risk

Grade	Alcohol		Cigarettes		Marijuana	
	pct	n	pct	n	pct	n
Grade 6	66.7	24241	79.3	24399	66.8	24277
Grade 8	64.9	24037	85.1	24179	62.7	24087
Grade 10	63.8	20821	87.9	20887	47.3	20826
Grade 12	63.1	16175	88.6	16228	39.3	16197
Combined	64.8	85274	84.8	85693	55.7	85387

Table 112: Core Measure by Grade for Parental Disapproval

Grade	Alcohol		Cigarettes		Marijuana	
	pct	n	pct	n	pct	n
Grade 6	96.7	22183	97.9	22170	99.2	21979
Grade 8	91.5	22282	95.8	22270	96.6	22155
Grade 10	85.2	19543	92.5	19535	93.2	19474
Grade 12	77.4	15376	85.2	15360	89.7	15319
Combined	88.7	79384	93.5	79335	95.2	78927

Table 113: Core Measure by Grade for Age of Onset

Grade	Alcohol			Cigarettes			Marijuana		
	pct	n	age	pct	n	age	pct	n	age
Grade 6	17.6	25328	10.5	8.6	25368	10.4	1.1	25468	11.1
Grade 8	37.9	24862	11.6	23.1	24888	11.3	9.3	24946	12.1
Grade 10	57.6	21463	13.0	35.8	21482	12.4	24.4	21517	13.5
Grade 12	69.5	16669	14.2	47.4	16679	13.5	37.2	16710	14.7
Combined	42.8	88322	12.7	26.6	88417	12.3	15.9	88641	13.7

Table 114: Core Measure by Sex for Past 30 Day Use

Sex	Alcohol		Cigarettes		Marijuana	
	pct	n	pct	n	pct	n
Male	16.7	40376	9.7	40591	8.1	40324
Female	15.8	44135	8.0	44396	6.2	44137
Combined	16.2	84511	8.8	84987	7.1	84461

Table 115: Core Measure by Sex for Perception of Risk

Sex	Alcohol		Cigarettes		Marijuana	
	pct	n	pct	n	pct	n
Male	60.2	40410	83.6	40606	53.0	40448
Female	69.2	44118	86.1	44336	58.2	44191
Combined	64.9	84528	84.9	84942	55.7	84639

Table 116: Core Measure by Sex for Parental Disapproval

Sex	Alcohol		Cigarettes		Marijuana	
	pct	n	pct	n	pct	n
Male	88.6	37077	93.4	37049	94.8	36834
Female	88.8	41636	93.7	41617	95.5	41425
Combined	88.7	78713	93.5	78666	95.2	78259

Table 117: Core Measure by Sex for Age of Onset

Sex	Alcohol			Cigarettes			Marijuana		
	pct	n	age	pct	n	age	pct	n	age
Male	43.0	42115	12.5	27.8	42170	12.2	17.2	42291	13.5
Female	42.6	45412	13.0	25.4	45449	12.4	14.5	45549	14.0
Combined	42.8	87527	12.7	26.6	87619	12.3	15.8	87840	13.8

Appendix C: Lifetime and 30-Day ATOD Use For Participating Regions and Counties

Percentage of Youth Who Used Alcohol, Cigarettes or Smokeless Tobacco In Their Lifetime by Region																		
	Alcohol						Cigarettes						Smokeless Tobacco					
	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011
1	44.7	41.9	40.6	40.6	36.3	35.4	29.0	24.7	22.8	22.6	21.3	20.0	13.4	11.2	10.3	10.3	11.1	10.6
2	50.2	46.2	47.6	45.2	42.3	38.1	39.4	33.3	35.1	32.0	30.0	28.8	22.2	18.7	18.7	18.9	19.6	18.4
3	49.6	49.1	48.4	47.5	40.7	40.6	37.6	35.1	33.3	32.5	29.0	28.9	23.3	21.0	21.2	21.2	20.5	20.9
4	45.4	44.7	44.4	44.2	38.7	36.3	35.5	32.7	32.0	31.4	29.2	27.4	18.1	16.7	17.2	17.2	17.2	15.9
5	48.2	47.8	45.8	44.7	38.9	40.1	33.6	30.9	29.5	27.7	25.1	25.9	16.8	15.6	15.1	14.0	15.5	15.1
6	51.3	45.7	45.6	45.6	38.4	37.9	33.6	28.4	28.8	27.9	24.3	22.9	19.9	17.3	16.4	15.9	15.9	14.6
7	49.2	42.2	45.1	42.4	38.5	38.1	37.2	30.7	29.6	26.2	27.2	25.3	16.8	10.4	10.2	10.6	12.0	12.5
8	48.0	47.6	47.9	45.2	39.7	37.6	34.0	31.9	30.8	28.1	25.6	23.8	18.5	15.7	17.1	15.5	16.2	15.2
9	43.9	42.4	43.2	42.7	37.8	37.4	27.7	25.1	24.8	24.6	23.1	22.2	11.4	10.0	9.6	9.4	10.0	9.3
10	45.9	46.3	45.7	48.2	40.6	43.9	32.3	30.2	30.9	31.2	27.5	28.2	18.5	14.6	15.1	16.2	16.7	17.3
11	47.3	47.5	48.9	48.0	43.8	42.5	36.8	33.0	32.3	31.3	30.6	27.7	15.9	13.7	15.2	15.0	17.9	15.3
12	45.9	49.6	47.3	43.6	38.9	38.1	33.1	32.0	28.8	26.2	24.5	24.4	14.4	15.8	13.7	13.0	12.8	13.2
13	49.5	50.4	51.9	46.2	44.7	43.9	39.1	35.9	36.5	33.0	30.3	32.3	19.1	17.2	17.0	14.4	16.9	15.9

Percentage of Youth Who Used Marijuana, Inhalants or Hallucinogens In Their Lifetime by Region																		
	Marijuana						Inhalants						Hallucinogens					
	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011
1	16.5	13.7	13.6	14.8	14.9	14.6	14.4	12.9	11.8	12.0	9.6	9.2	3.1	1.8	1.9	1.6	1.4	1.6
2	18.3	15.5	16.6	16.6	16.5	15.1	14.9	13.3	14.9	13.4	11.1	10.3	2.8	1.9	2.2	2.2	2.1	1.7
3	18.0	15.3	15.6	15.1	13.7	14.5	15.2	14.9	14.3	14.6	11.1	10.4	2.3	1.6	1.6	1.3	1.4	1.2
4	16.5	15.4	14.3	15.1	14.4	13.5	13.9	13.5	12.5	13.2	10.3	10.6	2.0	1.3	1.2	1.4	1.1	1.1
5	17.6	17.3	16.4	16.7	15.6	17.2	13.1	13.5	12.9	12.3	9.9	9.7	2.7	2.1	2.3	1.8	2.0	1.9
6	18.5	15.8	16.6	16.6	14.0	14.8	13.5	14.2	12.7	12.6	10.3	10.1	2.5	1.6	1.8	1.5	1.1	1.5
7	18.4	15.0	13.9	14.1	13.8	13.9	13.8	10.4	10.8	10.2	9.7	8.9	2.0	0.8	1.0	0.7	0.2	1.0
8	17.2	16.9	17.0	15.9	15.8	13.8	15.4	15.2	14.1	13.7	10.6	10.9	2.1	1.5	1.6	1.4	1.1	1.1
9	17.4	16.5	16.6	18.1	17.0	18.8	11.5	12.0	13.0	11.8	10.4	9.5	2.4	1.6	1.8	1.6	1.4	1.6
10	13.8	13.5	13.7	15.2	13.6	15.2	14.0	11.3	13.5	11.7	9.7	10.6	2.2	1.2	1.1	1.5	0.8	0.8
11	18.2	15.1	14.4	14.4	15.2	15.0	12.5	11.3	13.3	12.4	10.8	10.8	1.7	1.0	0.8	0.7	0.8	0.9
12	18.7	17.4	16.2	14.5	13.0	13.5	10.7	12.0	11.4	10.4	8.9	8.6	2.3	1.3	1.0	1.0	0.6	0.9
13	16.9	14.2	16.0	15.0	13.6	13.7	12.1	11.0	12.1	12.0	10.5	10.2	1.4	0.7	1.0	0.3	0.7	0.5

Percentage of Youth Who Used Cocaine, Methamphetamines or Stimulants In Their Lifetime by Region

	Cocaine						Methamphetamines						Stimulants					
	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011
1	4.4	2.4	1.9	1.9	1.3	1.3	3.8	1.9	1.5	1.5	1.1	0.9	4.8	3.3	2.6	2.6	2.1	1.9
2	2.8	1.9	2.3	1.6	1.3	1.1	2.6	1.9	2.1	1.6	1.4	1.0	4.2	3.6	3.5	4.0	3.2	2.6
3	3.5	2.1	2.1	1.9	1.1	1.3	3.0	1.9	1.8	1.4	1.0	1.1	4.3	3.3	2.7	2.8	1.9	2.0
4	3.2	2.0	1.8	1.7	1.1	1.2	2.6	1.6	1.3	1.4	1.1	0.9	4.1	2.9	2.9	3.0	2.1	1.9
5	3.7	2.2	2.3	1.7	1.7	1.6	3.4	2.2	2.1	1.8	1.5	1.6	4.2	3.3	3.0	2.6	2.5	2.2
6	3.1	2.1	2.2	1.6	1.3	1.4	3.0	1.6	1.2	1.3	1.0	1.1	4.6	3.3	3.7	3.0	2.3	2.3
7	3.0	1.7	1.2	1.2	0.8	1.0	2.6	1.0	0.6	0.8	0.7	0.5	4.2	2.2	2.3	1.6	1.7	1.4
8	3.1	2.1	1.8	1.6	1.1	1.7	2.4	1.5	1.5	1.2	0.9	1.1	4.9	3.6	3.3	2.8	2.5	2.0
9	2.9	1.9	1.7	1.3	1.3	1.2	1.9	1.3	1.1	1.1	0.8	0.9	3.9	3.3	2.7	2.9	2.2	2.2
10	2.9	1.6	1.4	1.5	0.9	1.4	2.8	1.2	1.2	1.2	1.2	1.2	3.1	1.7	2.0	1.8	1.5	1.3
11	2.3	1.6	1.4	0.8	0.8	0.9	2.0	1.1	0.9	0.6	0.7	0.8	2.7	2.0	1.5	1.9	1.6	1.2
12	2.7	1.8	1.6	1.1	0.9	0.9	2.4	1.3	0.9	0.8	0.5	0.7	4.1	3.1	2.9	2.2	1.9	1.8
13	2.1	1.1	1.5	0.9	0.8	0.4	2.5	1.3	1.0	0.5	0.5	0.9	3.7	2.8	2.1	1.8	1.6	1.2

** Cells containing the -- symbol indicate an area where data is not available due to the region not participating for that year.

Percentage of Youth Who Used Sedatives, Ecstasy or Heroin In Their Lifetime by Region

	Sedatives						Ecstasy						Heroin					
	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011
1	12.8	11.6	10.7	10.9	9.4	9.1	3.3	2.1	1.7	1.7	1.8	1.4	1.9	1.0	0.9	1.0	0.9	0.7
2	14.9	13.8	14.1	13.6	11.8	9.9	3.2	1.7	2.3	2.2	2.1	1.9	1.6	1.2	1.4	1.6	1.1	1.0
3	16.2	13.3	13.9	13.1	9.9	10.8	3.0	2.1	2.3	2.3	1.6	1.5	1.6	1.1	1.2	1.1	0.8	0.8
4	14.1	12.6	12.3	12.4	10.5	10.1	2.8	2.0	2.1	1.9	1.5	1.5	1.3	0.9	0.8	0.8	0.6	0.7
5	13.9	12.9	12.0	11.0	9.5	10.0	3.9	3.5	3.4	3.2	2.8	2.5	1.8	1.1	1.2	1.0	1.1	1.1
6	14.6	12.5	12.6	12.5	10.4	10.4	3.1	2.2	2.5	2.4	1.8	2.1	1.2	0.9	0.9	0.9	0.6	0.8
7	13.7	10.5	9.9	10.0	7.9	9.0	3.3	2.3	1.8	1.8	1.0	0.9	0.9	0.6	0.4	0.5	0.2	0.6
8	15.2	14.1	13.5	12.5	10.8	10.0	3.2	2.6	2.4	2.0	1.8	1.6	1.5	0.9	1.1	0.9	0.7	0.9
9	12.5	11.4	10.9	11.8	10.2	9.9	3.0	2.3	2.2	2.4	1.8	1.7	1.7	1.0	1.0	1.0	0.8	0.7
10	11.9	10.9	11.2	11.3	9.1	9.4	3.0	1.6	2.0	2.8	2.2	1.8	1.6	0.5	0.6	1.0	0.7	0.5
11	12.7	11.6	11.2	11.7	9.7	10.3	3.1	2.4	1.8	1.6	1.8	1.4	0.9	0.7	0.5	0.4	0.4	0.8
12	11.5	11.1	11.0	9.9	8.5	8.8	3.1	1.8	1.7	1.7	1.3	1.3	1.6	0.7	0.7	0.7	0.4	0.4
13	11.9	10.7	10.7	9.7	8.6	7.6	2.8	1.4	1.6	1.7	0.9	0.6	1.0	0.3	0.4	0.4	0.3	0.3

** Cells containing the -- symbol indicate an area where data is not available due to the region not participating for that year.

Percentage of Youth Who Used Prescription Drugs, Over-The-Counter Drugs, Alcopops or Any Drug In Their Lifetime by Region

Region	Prescription Drugs				Over-The-Counter Drugs				Alcopops			Any Drug					
	2008	2009	2010	2011	2008	2009	2010	2011	2009	2010	2011	2006	2007	2008	2009	2010	2011
1	11.6	11.3	10.0	9.2	5.6	5.7	5.1	4.4	27.0	23.9	23.5	27.7	25.9	27.7	28.1	25.8	25.3
2	14.8	14.0	12.5	10.9	8.1	6.9	6.1	4.9	33.9	30.8	28.2	30.5	27.5	33.0	30.5	28.9	26.7
3	14.6	13.3	10.8	10.9	8.3	7.5	5.5	5.4	35.3	28.9	29.2	30.3	28.3	31.6	30.8	26.6	26.6
4	13.8	12.9	10.8	10.8	7.5	6.8	5.1	5.4	31.6	27.3	26.5	27.1	27.0	28.7	29.6	26.1	25.9
5	13.0	11.2	10.3	10.1	6.6	5.7	4.9	5.2	31.4	26.8	27.7	28.4	28.8	31.4	29.6	26.3	27.4
6	13.4	13.3	10.7	10.6	7.1	6.3	5.2	5.3	33.1	26.7	26.8	29.2	27.9	31.1	30.7	26.0	26.5
7	11.2	9.8	7.7	9.0	6.6	5.4	4.2	4.7	28.7	27.0	26.3	29.5	25.0	29.8	28.0	26.2	26.3
8	15.0	13.0	11.6	10.4	7.8	7.0	5.7	4.9	32.2	28.2	25.2	30.5	30.8	33.3	31.3	27.4	26.4
9	11.7	12.0	10.4	10.4	6.1	5.8	5.1	4.9	29.3	25.6	25.4	27.5	27.4	31.1	32.1	29.4	30.6
10	12.1	11.3	9.9	9.9	6.7	6.0	5.1	4.8	35.4	27.2	32.3	26.2	25.1	31.0	30.0	26.4	28.2
11	11.7	11.8	11.1	10.1	6.9	6.8	5.3	5.3	34.4	30.7	30.3	29.6	27.2	31.9	30.7	28.3	29.0
12	12.3	9.9	8.3	9.0	7.1	4.8	3.9	4.1	30.2	26.2	27.0	27.7	28.9	30.9	27.7	23.9	24.8
13	11.2	10.5	8.9	9.0	6.0	6.6	5.5	4.3	32.3	31.6	30.1	28.5	26.3	32.2	30.4	27.5	27.3

Percentage of Youth Who Used Alcohol, Cigarettes or Smokeless Tobacco During the Past 30 Days by Region

	Alcohol						Cigarettes						Smokeless Tobacco					
	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011
1	22.3	18.6	17.0	17.3	15.1	14.4	10.5	8.7	8.0	7.9	7.2	6.6	5.9	4.8	4.4	4.3	4.3	4.1
2	22.7	18.4	22.1	19.6	17.4	16.8	16.0	13.2	14.6	14.2	12.4	11.6	10.3	8.0	7.9	8.0	7.5	8.0
3	24.5	22.4	21.8	20.4	17.3	17.6	15.4	14.1	13.1	12.7	10.8	10.8	10.8	9.6	9.6	9.7	8.7	8.6
4	22.4	19.8	19.4	18.5	15.7	15.1	14.5	12.9	13.1	12.4	11.2	10.6	8.0	7.4	7.7	7.8	7.3	6.6
5	23.0	21.6	20.2	19.8	16.3	17.8	12.1	10.9	10.7	9.3	9.1	8.9	7.4	6.8	6.1	5.8	6.3	5.9
6	24.4	22.0	21.4	19.8	15.4	15.9	12.2	10.9	10.8	11.0	9.0	8.5	8.3	8.1	6.7	7.1	6.2	5.7
7	23.1	18.5	19.6	17.3	15.9	15.5	13.4	10.3	10.6	8.8	8.7	7.9	7.4	4.6	4.1	4.9	4.7	4.8
8	22.9	21.6	21.1	20.0	17.1	14.9	13.4	11.9	11.4	10.0	9.1	8.2	8.1	7.0	7.7	7.0	6.7	5.8
9	20.6	19.1	17.7	17.9	15.9	16.0	9.4	9.4	8.4	8.1	7.8	7.7	4.9	4.2	3.7	3.8	3.8	3.4
10	22.7	20.6	19.7	21.9	17.8	20.7	12.0	10.4	10.3	11.3	9.3	11.7	7.7	6.0	6.4	8.0	6.8	7.9
11	21.6	21.2	21.9	21.4	18.5	18.6	13.2	11.4	10.7	11.2	10.9	9.8	7.4	5.1	6.0	6.9	7.3	6.3
12	23.8	25.4	20.8	19.4	16.5	17.0	11.1	11.7	10.3	9.0	8.5	9.1	6.4	6.9	5.0	5.7	5.2	5.6
13	24.4	21.5	23.4	21.7	17.9	19.3	14.6	13.1	12.9	11.8	11.7	10.1	8.7	7.2	8.0	5.9	7.1	6.3

Percentage of Youth Who Used Marijuana, Inhalants or Hallucinogens During the Past 30 Days by Region

	Marijuana						Inhalants						Hallucinogens					
	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011
1	8.0	6.3	6.1	7.0	7.3	6.9	5.2	4.2	3.7	3.8	2.9	2.5	1.3	0.5	0.6	0.5	0.5	0.4
2	7.9	5.9	6.8	6.9	7.1	6.3	5.4	3.9	5.2	4.0	3.1	2.8	1.0	0.5	0.4	0.6	0.6	0.4
3	7.8	5.6	6.2	5.5	5.5	6.6	5.3	5.0	4.2	5.1	3.8	3.5	0.7	0.4	0.5	0.4	0.3	0.3
4	7.5	6.3	5.4	6.2	6.2	6.1	5.3	4.8	4.1	4.3	3.3	3.2	1.0	0.4	0.4	0.3	0.4	0.4
5	8.6	7.4	7.2	8.0	7.1	8.3	4.5	4.3	4.6	4.6	3.2	2.8	1.2	0.7	0.7	0.6	0.7	0.6
6	8.5	6.6	7.3	7.7	6.1	6.9	4.5	4.3	4.0	4.1	3.2	2.8	0.9	0.5	0.5	0.4	0.4	0.5
7	8.6	7.9	6.4	6.1	6.7	6.3	4.9	4.0	3.9	3.2	3.7	2.9	0.9	0.3	0.5	0.4	0.1	0.4
8	8.0	8.0	6.8	7.7	6.7	5.8	5.7	5.3	4.5	4.8	3.3	3.8	0.9	0.4	0.5	0.4	0.3	0.3
9	8.5	8.1	7.5	8.9	8.7	9.4	3.6	4.1	4.3	4.0	3.5	3.2	0.9	0.6	0.7	0.5	0.4	0.5
10	7.3	6.6	6.1	6.8	5.7	7.5	5.3	3.8	5.1	4.6	3.1	3.9	1.4	0.3	0.4	0.4	0.3	0.3
11	8.3	6.6	5.8	6.4	7.3	6.7	4.6	3.8	4.6	4.4	3.9	4.0	1.1	0.4	0.2	0.4	0.2	0.3
12	10.0	6.9	7.0	6.1	5.4	6.0	4.6	4.1	4.0	3.6	2.8	2.9	1.1	0.3	0.4	0.3	0.1	0.2
13	7.6	5.3	6.7	6.5	5.7	5.7	3.5	3.8	4.3	4.5	3.2	4.3	0.8	0.1	0.3	0.2	0.2	0.2

Percentage of Youth Who Used Cocaine, Methamphetamines or Stimulants During the Past 30 Days by Region

	Cocaine						Methamphetamines						Stimulants					
	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011
1	1.6	0.6	0.4	0.5	0.3	0.3	1.3	0.6	0.4	0.4	0.3	0.2	2.1	1.1	0.9	0.9	0.7	0.6
2	0.8	0.4	0.5	0.2	0.4	0.3	0.7	0.5	0.8	0.6	0.5	0.2	1.5	0.7	1.0	1.5	0.8	1.0
3	1.1	0.6	0.4	0.5	0.3	0.3	1.1	0.5	0.4	0.5	0.2	0.3	1.7	0.9	0.7	0.9	0.5	0.9
4	1.4	0.6	0.3	0.4	0.4	0.4	1.2	0.3	0.3	0.4	0.3	0.3	1.9	1.0	1.0	0.9	0.6	0.7
5	1.6	0.5	0.6	0.4	0.3	0.4	1.4	0.5	0.5	0.5	0.4	0.4	1.6	0.9	0.9	1.0	0.8	0.8
6	1.0	0.5	0.5	0.4	0.4	0.3	1.0	0.3	0.3	0.4	0.3	0.4	1.5	0.8	1.1	1.0	0.6	0.9
7	1.0	0.4	0.3	0.4	0.2	0.4	0.9	0.3	0.3	0.2	0.2	0.1	1.9	1.1	1.1	0.7	0.7	0.5
8	1.0	0.6	0.4	0.3	0.3	0.3	0.9	0.5	0.4	0.3	0.2	0.3	2.0	1.0	1.1	1.1	1.0	0.9
9	0.9	0.5	0.4	0.5	0.4	0.4	0.8	0.4	0.3	0.4	0.2	0.4	1.5	1.0	1.0	1.1	0.8	0.8
10	1.6	0.4	0.3	0.2	0.3	0.6	1.2	0.4	0.4	0.2	0.3	0.4	1.3	0.6	0.7	0.5	0.7	0.6
11	1.1	0.6	0.4	0.4	0.2	0.4	1.1	0.3	0.5	0.4	0.2	0.2	1.4	0.7	0.5	1.2	0.7	0.4
12	1.4	0.4	0.5	0.3	0.4	0.3	1.0	0.2	0.4	0.2	0.1	0.2	2.3	0.9	0.9	0.8	0.8	0.5
13	1.1	0.2	0.4	0.5	0.2	0.4	1.2	0.2	0.2	0.2	0.1	0.3	2.2	1.0	0.9	0.7	0.3	0.6

Percentage of Youth Who Used Sedatives, Ecstasy or Heroin During the Past 30 Days by Region																		
	Sedatives						Ecstasy						Heroin					
	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011
1	6.3	4.8	4.3	4.8	3.9	3.7	1.2	0.6	0.5	0.4	0.5	0.3	0.8	0.3	0.3	0.3	0.3	0.2
2	7.0	5.7	6.3	5.7	5.1	3.9	0.9	0.3	0.9	0.5	0.6	0.4	0.7	0.2	0.4	0.4	0.3	0.2
3	7.8	6.0	6.0	5.1	4.1	4.7	1.0	0.6	0.4	0.5	0.3	0.3	0.6	0.3	0.4	0.3	0.2	0.3
4	7.6	5.8	5.8	5.6	4.6	4.3	1.0	0.5	0.5	0.5	0.4	0.3	0.7	0.3	0.3	0.3	0.2	0.3
5	7.0	5.9	5.0	5.0	4.3	4.0	1.5	1.2	0.9	1.0	0.7	0.6	0.8	0.3	0.4	0.4	0.3	0.4
6	7.2	5.3	5.5	5.3	4.3	4.3	0.8	0.5	0.4	0.7	0.5	0.4	0.5	0.2	0.4	0.3	0.2	0.2
7	7.4	5.0	4.8	4.4	4.0	4.8	1.4	0.7	0.5	0.4	0.2	0.3	0.6	0.3	0.2	0.2	0.1	0.3
8	7.7	7.1	5.9	5.8	4.6	4.8	1.2	0.9	0.6	0.6	0.3	0.6	0.6	0.4	0.4	0.4	0.1	0.3
9	6.0	5.1	4.7	5.4	4.6	4.6	1.1	0.6	0.6	0.7	0.4	0.5	0.8	0.3	0.3	0.4	0.3	0.2
10	6.4	5.0	5.7	4.8	4.2	4.6	1.4	0.5	0.8	0.8	0.7	0.4	0.9	0.2	0.2	0.1	0.2	0.2
11	6.8	5.8	5.1	5.5	4.7	4.8	1.4	0.9	0.5	0.5	0.6	0.5	0.6	0.2	0.2	0.1	0.2	0.3
12	7.1	4.7	5.0	4.8	4.0	4.0	1.4	0.6	0.6	0.6	0.3	0.3	0.8	0.3	0.3	0.1	0.1	0.1
13	6.2	4.8	4.9	5.2	3.4	4.4	1.6	0.3	0.2	0.6	0.3	0.4	0.6	0.0	0.1	0.2	0.1	0.1

Percentage of Youth Who Used Prescription Drugs, Over-The-Counter Drugs, Alcopops or Any Drug During the Past 30 Days by Region																	
Region	Prescription Drugs				Over-The-Counter Drugs				Alcopops			Any Drug					
	2008	2009	2010	2011	2008	2009	2010	2011	2009	2010	2011	2006	2007	2008	2009	2010	2011
1	4.8	5.0	4.2	3.9	2.4	2.6	2.3	1.9	10.4	9.2	8.5	14.5	12.2	13.6	14.3	13.6	12.7
2	6.3	6.4	4.8	4.8	3.1	2.7	1.9	2.2	12.9	11.0	11.5	14.7	11.8	16.1	15.8	13.4	12.7
3	6.1	5.4	4.4	4.7	3.6	3.0	2.5	2.2	13.4	10.6	11.6	15.4	13.0	15.6	14.9	12.9	14.0
4	6.1	6.1	4.4	4.9	3.4	3.2	2.3	2.3	12.6	11.1	10.6	14.2	12.8	14.6	15.4	13.4	13.1
5	5.4	5.1	4.3	4.2	3.0	2.9	2.3	2.2	12.9	10.1	11.3	15.0	14.0	16.0	15.9	13.7	14.2
6	5.8	5.7	4.2	4.6	3.1	2.9	2.0	2.5	13.0	10.3	10.3	15.0	12.8	15.2	16.2	12.8	13.7
7	6.3	4.4	4.1	4.4	3.6	2.9	2.2	2.6	12.8	12.1	10.8	15.5	13.9	16.5	15.0	14.4	14.6
8	7.4	5.9	5.1	4.4	3.2	3.2	2.3	2.4	13.5	11.6	10.1	15.5	15.8	16.9	16.7	14.3	13.6
9	5.2	5.6	4.7	4.6	2.8	2.5	2.0	2.3	12.2	10.1	10.3	14.0	13.9	16.4	17.7	15.7	16.6
10	5.5	5.2	4.5	5.1	3.3	3.1	2.2	2.4	15.4	11.0	14.0	14.1	12.9	16.9	15.4	13.8	15.7
11	5.3	5.3	5.7	4.6	3.3	3.6	2.3	2.7	14.9	12.5	12.6	15.3	13.1	15.8	16.1	15.8	15.3
12	6.0	4.3	4.0	4.1	3.1	2.2	1.8	1.9	14.0	11.4	11.7	16.3	13.4	16.3	14.6	12.4	13.0
13	5.3	5.2	3.6	4.4	2.4	3.3	2.4	2.4	16.2	13.3	13.8	13.8	12.0	15.8	16.6	13.6	14.6

Percentage of Youth Who Used Alcohol, Cigarettes or Smokeless Tobacco In Their Lifetime by County

County	Alcohol						Cigarettes						Smokeless Tobacco					
	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011
Arkansas	48.4	50.3	--	43.9	47.5	51.3	38.7	34.5	--	27.8	32.1	33.8	14.2	16.2	--	11.3	16.1	17.3
Ashley	54.6	56.4	56.7	49.4	49.4	47.3	41.5	40.7	40.9	34.7	36.8	34.4	22.8	19.1	22.1	17.5	23.1	24.9
Baxter	51.4	45.9	46.6	44.1	44.4	34.2	38.5	30.7	32.5	29.9	28.6	25.8	16.4	13.4	14.2	15.3	17.2	13.5
Benton	46.0	43.2	39.1	39.8	33.8	32.8	28.8	25.7	21.3	22.5	18.9	18.4	12.2	11.0	9.1	9.4	9.2	9.1
Boone	46.0	44.2	46.2	43.5	40.1	36.4	38.0	32.0	34.1	31.7	29.2	27.4	23.3	20.0	20.0	19.0	19.4	17.0
Bradley	47.5	49.2	54.1	50.0	43.5	47.4	37.5	38.5	40.9	38.2	25.1	35.0	18.3	17.2	17.4	18.9	13.0	17.6
Calhoun	52.1	--	63.1	52.9	53.8	53.1	44.5	--	56.0	43.2	49.2	44.0	26.7	--	38.0	27.1	34.6	36.0
Carroll	53.6	47.4	48.9	48.1	50.9	47.0	36.9	31.0	29.2	30.0	33.2	27.0	18.7	15.2	14.8	18.5	21.2	20.0
Chicot	39.4	39.9	54.0	51.2	45.3	35.9	35.7	28.1	37.4	35.4	35.5	24.9	6.5	5.2	10.5	3.1	8.1	7.7
Clark	45.5	45.5	46.9	34.0	39.4	35.7	28.9	30.2	25.6	20.3	24.0	23.6	16.0	13.5	14.2	10.9	12.3	12.2
Clay	49.0	47.7	52.5	49.5	44.7	38.2	41.5	38.5	39.1	37.5	38.2	31.7	26.2	23.7	27.6	26.4	31.2	25.2
Cleburne	55.6	49.4	51.4	50.5	42.8	39.7	41.8	35.3	35.9	34.7	28.8	24.8	25.5	21.3	21.9	22.4	20.4	18.6
Cleveland	--	50.6	45.6	44.2	41.0	39.7	--	42.0	33.0	35.0	28.8	29.9	--	28.9	21.6	30.7	19.7	21.1
Columbia	35.3	48.6	49.9	57.5	50.5	45.9	30.2	37.5	30.9	51.3	31.5	31.9	18.2	17.4	14.5	29.4	21.1	15.8
Conway	55.2	50.4	46.0	52.3	46.8	43.6	40.0	30.1	28.3	34.0	29.0	28.9	23.2	17.6	14.1	18.6	18.6	18.9
Craighead	42.3	43.2	42.2	42.3	36.9	35.6	30.8	28.8	28.4	28.6	26.5	24.6	13.8	14.1	13.7	14.5	13.8	13.2
Crawford	42.3	45.0	40.9	40.8	30.9	38.2	33.3	28.8	27.8	25.0	22.1	26.3	26.3	17.3	15.8	18.7	17.8	17.3
Crittenden	46.8	44.0	45.4	43.0	--	35.7	34.5	34.2	31.2	27.8	--	21.2	15.1	10.2	9.8	11.4	--	10.6
Cross	53.1	49.9	51.4	46.4	43.1	47.6	42.3	36.8	35.9	30.1	33.6	34.8	22.5	20.2	18.2	19.7	18.4	19.8
Dallas	49.8	49.0	41.1	47.3	47.5	38.8	38.0	38.6	25.5	33.3	32.8	28.0	16.6	18.6	11.8	18.2	17.1	16.3
Desha	55.6	--	49.9	47.8	47.2	41.7	42.7	--	31.6	31.7	30.7	31.1	17.4	--	11.4	11.2	13.1	11.7
Drew	43.9	46.8	45.0	36.1	38.1	47.6	35.4	30.6	31.0	28.5	25.3	36.8	22.6	18.7	17.0	15.6	16.6	17.7
Faulkner	58.9	44.2	45.9	45.7	35.5	37.7	37.7	26.1	28.8	26.6	22.6	21.6	27.5	21.1	16.9	15.6	15.0	13.9
Franklin	55.6	51.8	55.8	43.0	35.1	38.4	39.1	34.3	35.3	26.3	24.8	26.6	24.5	23.2	26.7	21.0	18.0	19.8
Fulton	46.3	49.6	45.1	43.9	39.4	36.1	35.1	36.6	34.2	29.4	30.4	26.8	24.1	25.3	23.3	25.0	29.0	24.9

** Cells containing the -- symbol indicate an area where data is not available due to the county not participating or not having enough data for that year.

Percentage of Youth Who Used Alcohol, Cigarettes or Smokeless Tobacco In Their Lifetime by County, Cont.

County	Alcohol						Cigarettes						Smokeless Tobacco					
	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011
Garland	48.6	45.9	47.7	44.7	38.1	36.3	33.0	29.9	30.2	27.6	24.7	22.0	14.0	10.8	13.5	12.7	14.1	12.2
Grant	47.8	47.2	50.7	45.4	40.1	42.6	35.9	30.7	32.1	26.2	27.3	26.8	20.8	17.5	18.4	16.8	16.5	16.3
Greene	42.0	43.6	42.1	43.2	37.4	36.0	33.8	32.3	30.2	28.6	28.2	26.0	19.2	18.2	16.7	18.9	18.2	16.3
Hempstead	53.6	44.9	42.3	44.2	31.0	41.2	36.9	28.2	29.1	30.8	16.7	24.7	17.1	11.0	8.6	16.4	11.0	13.3
Hot Spring	49.6	47.9	49.1	47.9	43.3	40.0	37.0	32.2	33.3	29.9	27.9	26.0	25.8	21.5	24.2	21.8	20.2	20.3
Howard	45.1	45.8	48.4	43.2	40.0	40.8	31.4	31.8	35.5	29.5	30.7	28.6	16.0	15.4	19.7	18.4	22.1	21.2
Independence	45.9	43.9	48.2	46.3	39.1	40.4	34.6	29.2	31.9	32.2	28.7	28.1	17.8	18.0	18.2	22.1	20.1	21.9
Izard	51.5	47.4	51.2	48.5	41.2	39.3	44.4	35.8	36.0	35.1	26.6	28.7	22.8	25.1	24.0	23.1	24.4	22.3
Jackson	48.2	49.8	56.2	50.3	45.8	44.9	36.8	37.5	38.7	36.3	34.7	36.4	20.3	22.7	32.2	23.0	24.8	25.4
Jefferson	42.1	52.7	46.4	43.2	35.8	33.2	26.4	25.4	26.9	25.5	20.6	20.6	3.8	5.4	9.6	9.2	8.9	8.4
Johnson	49.8	48.3	51.7	48.0	39.6	39.0	29.8	28.9	33.8	28.4	25.4	23.1	16.0	19.1	26.5	16.0	14.6	13.2
Lafayette	44.2	48.4	48.6	53.2	48.4	45.2	40.0	39.7	33.8	43.2	38.8	33.7	21.3	14.2	14.4	15.7	22.7	14.9
Lawrence	46.8	51.7	48.1	50.2	43.8	42.1	38.7	35.8	36.8	38.0	33.6	33.6	25.4	20.5	24.0	26.6	25.2	25.6
Lee	36.8	36.9	31.7	36.8	23.3	19.8	31.1	29.7	21.4	21.9	12.0	13.1	7.7	3.8	6.4	4.3	2.1	7.1
Lincoln	47.4	48.1	45.3	40.3	41.2	41.3	35.5	34.9	27.2	26.4	27.1	24.7	22.5	19.5	17.6	19.7	15.1	17.1
Little River	47.5	41.5	52.0	52.6	44.8	50.8	28.7	22.0	31.1	27.5	29.8	30.4	19.2	11.8	17.3	12.4	18.6	20.7
Logan	51.8	52.0	48.5	49.0	38.8	44.8	39.2	35.3	32.9	31.9	24.6	29.2	22.4	21.8	19.1	18.4	19.2	19.8
Lonoke	50.1	46.2	45.3	44.3	37.1	37.6	32.5	27.5	27.5	25.7	22.5	22.6	15.3	13.8	13.7	13.6	13.6	12.5
Madison	52.5	47.3	56.3	53.7	47.5	50.1	37.1	33.9	35.4	34.3	31.4	35.8	24.3	25.6	27.4	22.3	24.3	29.7
Marion	51.6	49.9	48.9	53.8	52.0	46.0	37.6	37.8	35.0	42.4	41.6	34.1	25.7	20.7	19.4	25.3	31.1	24.2
Miller	42.4	46.1	42.7	45.9	37.6	39.9	30.6	31.3	27.4	29.6	25.9	27.1	17.9	16.7	14.6	15.3	13.3	15.9
Mississippi	44.2	37.4	41.1	41.0	34.5	32.8	36.8	31.0	29.0	30.3	25.7	27.4	12.2	9.5	11.7	10.0	10.4	10.2
Monroe	55.9	53.0	51.5	48.8	43.4	40.4	37.5	37.5	34.7	35.2	31.7	37.8	14.2	10.5	7.4	11.2	15.1	15.6
Montgomery	52.4	64.5	50.4	69.0	47.4	38.9	37.4	44.5	35.9	41.1	29.4	26.2	22.5	33.2	17.8	36.6	23.8	21.5
Nevada	48.0	44.6	51.6	45.2	41.0	41.2	36.0	32.4	37.0	28.0	27.2	29.6	20.1	15.2	20.3	12.4	14.7	12.6

*** Cells containing the -- symbol indicate an area where data is not available due to the county not participating or not having enough data for that year.*

Percentage of Youth Who Used Alcohol, Cigarettes or Smokeless Tobacco In Their Lifetime by County, Cont.

County	Alcohol						Cigarettes						Smokeless Tobacco					
	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011
Newton	50.9	46.4	48.4	44.1	38.7	39.8	42.0	31.7	31.2	28.3	27.7	32.3	26.7	27.8	28.1	18.5	22.1	25.7
Ouachita	47.9	48.1	45.3	48.5	43.1	38.2	38.9	34.3	32.6	32.8	30.6	25.4	13.3	12.3	12.7	12.5	18.3	15.1
Perry	55.8	55.1	51.2	49.4	38.3	35.8	39.0	38.3	36.3	37.4	24.1	27.1	22.4	22.4	19.0	20.8	18.9	17.8
Phillips	--	34.6	46.7	43.2	42.9	34.4	--	22.3	24.9	23.2	26.9	23.0	--	4.0	6.4	7.5	10.0	11.0
Pike	40.9	50.8	46.6	48.4	36.7	40.5	36.7	37.9	31.8	32.7	25.0	27.8	24.3	21.3	22.5	18.4	19.3	21.5
Poinsett	51.0	52.1	48.3	46.9	45.9	38.8	40.7	39.2	37.8	36.0	37.8	31.7	19.7	18.6	19.0	18.7	22.0	18.8
Polk	50.7	44.4	50.3	45.7	43.6	41.9	35.8	29.7	34.0	30.3	30.1	29.6	20.4	15.4	21.3	14.9	19.3	21.8
Pope	43.6	42.1	41.5	40.9	37.2	34.4	28.5	26.7	26.6	27.0	24.6	21.7	15.0	13.1	14.6	14.9	16.0	13.4
Prairie	55.5	49.1	55.0	55.9	44.8	49.6	34.1	41.9	45.5	40.8	34.9	33.6	20.3	22.1	24.0	20.8	21.8	23.7
Pulaski	39.9	40.6	41.9	41.9	37.8	37.4	24.0	23.1	22.3	23.4	22.7	21.6	6.8	7.2	6.3	6.9	7.4	7.2
Randolph	56.8	48.6	47.7	48.8	41.9	39.2	43.1	36.6	37.6	35.1	29.0	29.3	28.0	27.0	21.5	25.1	22.3	22.7
Saint Francis	44.3	35.9	38.5	37.5	29.5	35.7	30.2	22.4	24.7	23.0	22.0	20.7	13.5	6.4	6.0	6.4	8.4	6.8
Saline	43.9	42.5	43.9	41.4	37.9	35.7	29.9	28.2	28.4	27.0	24.3	23.4	18.4	15.8	16.3	14.7	15.3	14.9
Scott	49.7	50.6	50.5	51.5	65.9	48.1	42.5	35.4	36.2	35.4	52.7	31.5	26.2	24.1	22.6	22.9	31.3	26.3
Searcy	60.9	49.4	54.9	45.8	41.0	44.3	49.9	41.5	47.1	30.0	33.7	32.7	29.4	23.2	25.1	22.1	20.5	25.5
Sebastian	46.5	48.0	44.6	45.0	40.3	39.9	30.8	30.3	27.4	27.0	24.6	24.1	12.3	11.1	11.1	9.2	12.9	10.6
Sevier	49.8	52.2	46.1	53.5	46.9	49.5	34.1	31.1	33.3	34.3	28.9	29.0	20.2	16.8	17.3	18.6	18.1	17.4
Sharp	49.0	51.2	46.6	54.4	35.6	43.4	38.4	39.0	34.7	38.0	25.0	32.1	24.3	26.0	24.2	29.4	20.3	26.3
Stone	41.2	43.5	38.6	46.5	37.5	40.8	34.6	39.3	31.6	36.1	28.1	34.2	25.3	25.4	21.6	21.3	22.7	21.0
Union	46.3	47.3	49.4	47.1	43.1	42.8	34.7	30.8	30.3	28.1	29.5	25.1	15.3	13.2	13.8	14.4	16.9	14.2
Van Buren	54.4	55.5	50.7	54.0	39.1	41.7	38.2	40.6	34.8	40.4	28.6	28.8	22.4	19.7	20.8	27.0	20.3	20.6
Washington	41.2	39.7	40.2	39.4	36.1	35.8	26.9	22.3	22.8	20.9	21.5	19.6	12.0	9.4	9.9	9.1	10.7	9.7
White	51.8	50.5	48.0	44.7	42.0	40.2	39.1	34.7	31.5	28.7	29.1	28.2	27.5	20.4	19.8	17.5	18.6	18.8
Woodruff	44.4	48.8	45.0	43.9	39.6	42.4	29.3	34.8	30.7	26.8	30.3	25.2	17.3	12.5	13.8	12.2	15.1	16.6
Yell	49.7	44.2	50.7	47.9	45.2	43.1	32.3	28.0	30.0	26.7	25.4	24.8	14.7	16.6	17.0	15.3	17.1	17.9

** Cells containing the -- symbol indicate an area where data is not available due to the county not participating or not having enough data for that year.

Percentage of Youth Who Used Marijuana, Inhalants or Hallucinogens In Their Lifetime by County

County	Marijuana						Inhalants						Hallucinogens					
	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011
Arkansas	20.0	15.2	--	13.6	17.3	23.1	10.3	10.4	--	11.3	7.3	9.6	2.3	0.8	--	0.6	0.3	1.6
Ashley	16.7	16.1	17.5	15.8	17.8	13.7	14.8	12.9	14.8	11.1	11.7	9.6	1.9	1.1	1.0	0.3	1.0	0.8
Baxter	19.1	16.7	18.9	16.7	18.4	14.6	13.7	11.1	16.1	13.3	10.2	11.2	3.5	1.9	2.8	3.1	2.4	1.8
Benton	18.0	14.4	12.9	14.2	13.0	13.4	15.6	13.0	11.5	12.3	9.1	8.6	3.8	2.1	1.9	1.6	1.1	1.5
Boone	16.2	13.3	15.4	17.6	16.0	14.2	15.3	15.2	14.3	13.3	12.2	10.2	2.2	1.9	1.6	1.8	2.0	1.8
Bradley	14.8	13.6	16.1	11.8	10.5	13.0	11.0	11.6	9.4	13.6	8.5	9.0	0.6	0.8	1.5	0.0	1.2	0.0
Calhoun	14.9	--	22.0	12.3	19.5	15.5	19.1	--	21.1	16.8	8.4	15.2	1.6	--	0.6	0.6	3.4	1.0
Carroll	19.2	14.9	16.2	17.8	19.3	17.7	16.2	14.4	15.5	15.5	12.6	10.2	3.0	1.9	1.7	1.5	1.7	2.2
Chicot	20.6	15.3	17.9	23.5	12.7	9.8	7.6	6.0	11.5	13.8	14.1	10.9	1.6	0.0	0.9	0.4	0.0	0.4
Clark	12.9	13.6	11.2	9.0	12.8	11.0	12.8	13.7	13.2	12.2	7.5	9.6	0.9	1.2	0.4	0.7	1.0	0.6
Clay	17.5	19.3	14.0	17.8	17.2	14.4	13.4	17.0	13.0	17.9	13.2	11.2	1.5	2.0	1.1	2.0	2.0	0.3
Cleburne	26.1	19.4	19.6	19.1	15.2	13.0	19.2	15.4	13.9	13.7	10.2	10.6	3.8	1.8	1.7	1.7	2.9	1.9
Cleveland	--	15.3	12.5	15.3	7.7	11.9	--	12.4	9.1	8.8	6.3	6.7	--	2.5	0.3	0.0	0.7	1.2
Columbia	7.4	11.5	15.5	17.9	14.4	15.1	7.4	13.6	12.0	19.1	12.1	13.2	0.0	0.0	1.3	0.0	2.2	0.6
Conway	24.6	19.7	17.5	19.7	15.8	14.9	15.4	12.1	12.3	14.7	11.5	10.8	2.2	0.8	1.7	0.6	0.7	1.5
Craighead	14.7	14.7	14.7	15.8	15.0	13.6	12.7	13.0	11.7	11.3	8.9	9.9	2.0	1.4	1.5	1.5	1.0	1.3
Crawford	17.0	15.3	12.8	13.5	10.7	16.6	14.6	13.2	11.0	13.0	9.2	9.5	2.9	2.1	2.2	1.6	1.8	1.7
Crittenden	19.9	18.3	14.8	16.4	--	14.1	13.7	10.2	10.4	10.4	--	8.4	1.5	1.5	1.0	1.1	--	0.8
Cross	20.2	17.2	14.6	13.3	14.4	18.6	17.5	17.2	16.0	13.8	15.4	13.4	3.0	1.2	1.8	1.0	0.2	1.1
Dallas	17.8	15.6	11.2	16.2	12.8	12.1	15.4	12.3	11.2	11.7	9.6	6.6	1.9	0.4	0.4	0.0	0.0	0.5
Desha	17.3	--	17.9	17.4	12.6	14.5	11.4	--	12.5	12.0	9.2	9.6	0.7	--	0.6	0.2	0.0	0.3
Drew	16.0	11.7	12.2	10.1	11.6	16.6	11.2	10.0	10.7	11.4	11.0	14.0	1.2	0.5	1.0	0.8	0.9	1.0
Faulkner	21.0	12.2	17.3	17.1	13.6	16.4	13.6	14.2	11.6	12.5	9.8	10.0	4.5	1.8	2.1	1.7	1.1	1.8
Franklin	17.4	16.0	19.0	14.3	11.6	11.2	13.2	13.0	14.6	12.0	8.5	7.8	2.7	2.5	2.3	1.6	0.8	1.0
Fulton	13.7	12.0	14.6	10.0	11.8	11.3	17.8	19.1	12.3	12.2	11.8	8.0	2.4	0.8	0.6	1.6	1.4	1.1

** Cells containing the -- symbol indicate an area where data is not available due to the county not participating or not having enough data for that year.

Percentage of Youth Who Used Marijuana, Inhalants or Hallucinogens In Their Lifetime by County, Cont.

County	Marijuana						Inhalants						Hallucinogens					
	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011
Garland	20.1	19.0	19.2	17.4	17.2	13.9	16.7	14.5	13.5	13.9	11.0	11.4	2.5	2.0	2.0	1.4	1.5	1.3
Grant	19.8	17.1	18.2	14.1	16.0	15.9	14.6	15.2	13.2	12.6	10.3	9.5	3.2	2.3	2.2	2.0	1.7	0.9
Greene	17.0	13.7	14.7	14.6	14.7	12.8	14.5	15.8	16.1	15.6	12.1	13.9	2.3	1.3	1.6	1.3	1.3	1.2
Hempstead	14.3	13.2	11.6	12.1	6.1	12.0	18.0	10.4	12.5	11.4	8.4	9.7	2.1	0.4	0.9	2.2	0.6	0.2
Hot Spring	16.4	14.8	17.2	16.0	16.5	16.1	14.6	17.0	15.6	13.7	11.1	10.2	2.5	1.2	1.5	1.6	0.7	1.1
Howard	8.3	12.4	13.2	10.5	11.3	14.4	14.3	8.5	12.6	9.4	8.0	9.7	1.6	0.8	1.3	1.5	0.5	0.2
Independence	15.9	11.7	14.4	13.4	12.5	12.3	12.2	12.3	14.1	15.1	11.4	10.1	1.6	1.5	1.7	1.1	0.9	0.6
Izard	16.8	17.0	12.3	15.3	10.8	12.6	13.2	15.5	15.9	15.5	12.2	9.0	1.5	0.9	1.7	2.5	1.1	0.3
Jackson	16.7	11.4	14.4	12.5	14.4	18.3	12.2	12.8	16.2	16.0	12.7	13.8	1.8	0.4	1.6	0.8	0.5	1.4
Jefferson	17.6	21.2	16.4	15.4	10.0	11.6	7.1	9.0	11.4	9.1	8.5	8.2	1.6	0.3	0.7	0.7	0.1	0.5
Johnson	15.0	16.6	17.4	16.4	13.2	13.1	14.1	16.2	21.6	12.7	10.4	13.5	2.3	1.4	2.7	2.2	1.7	0.9
Lafayette	15.5	13.0	12.4	15.5	11.7	7.8	12.8	13.5	15.8	10.8	20.5	9.6	2.1	1.2	0.5	1.3	0.0	1.2
Lawrence	16.1	16.3	12.9	13.0	13.0	14.3	11.9	13.5	10.9	12.6	10.6	12.1	2.3	1.6	1.3	1.2	1.3	1.0
Lee	9.5	11.8	5.6	13.0	7.0	3.6	6.6	7.6	6.3	10.9	5.8	4.9	0.9	0.0	0.0	1.0	0.0	1.2
Lincoln	16.6	16.2	13.5	9.7	16.3	11.8	9.0	11.3	8.7	11.5	9.5	7.8	1.6	0.6	0.3	0.6	0.3	0.6
Little River	15.6	9.9	14.2	13.8	14.8	13.8	13.2	9.5	13.3	12.2	10.0	12.2	1.7	1.5	1.8	1.2	0.9	0.2
Logan	15.2	16.0	14.1	11.0	10.7	11.1	13.3	16.4	14.6	11.5	8.6	9.6	1.7	1.1	2.3	1.0	1.3	0.5
Lonoke	18.4	16.4	14.4	16.0	13.3	16.6	14.5	13.3	14.0	11.7	9.6	8.6	2.8	1.2	1.8	1.6	1.4	1.7
Madison	18.9	17.3	19.2	16.2	21.0	23.4	12.3	13.7	13.3	11.7	12.5	12.7	3.8	2.8	2.7	1.1	1.9	1.1
Marion	17.3	19.2	12.3	18.9	15.4	18.1	14.5	13.6	13.1	16.0	11.0	11.5	1.7	2.2	2.2	1.0	2.1	1.8
Miller	14.4	17.0	15.6	18.1	16.1	16.4	14.3	12.9	15.1	12.6	10.4	9.8	2.2	1.9	1.2	1.9	1.1	1.4
Mississippi	17.7	14.3	11.4	13.6	12.9	13.5	12.3	10.0	9.1	12.3	8.1	9.4	2.1	0.7	0.5	0.9	0.8	0.7
Monroe	18.2	15.2	17.2	18.5	12.1	20.0	10.8	8.2	17.2	10.4	10.4	7.4	1.4	1.0	0.0	1.6	0.0	2.2
Montgomery	16.6	15.5	14.8	20.9	13.4	10.2	15.7	14.8	19.1	13.9	11.9	9.3	1.7	2.0	2.2	1.7	0.0	0.9
Nevada	10.2	8.4	13.0	9.5	12.0	15.2	16.9	10.8	20.8	12.0	12.9	10.8	1.7	1.4	0.6	0.6	0.7	1.2

** Cells containing the -- symbol indicate an area where data is not available due to the county not participating or not having enough data for that year.

Percentage of Youth Who Used Marijuana, Inhalants or Hallucinogens In Their Lifetime by County, Cont.

County	Marijuana						Inhalants						Hallucinogens					
	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011
Newton	21.1	11.9	16.1	12.3	12.7	15.0	11.9	13.4	12.5	12.4	8.2	8.6	4.0	0.9	0.0	2.1	1.6	1.5
Ouachita	21.2	17.2	13.9	14.8	13.6	13.6	11.0	9.1	10.7	9.4	9.6	6.8	1.4	0.6	1.0	0.4	0.3	0.9
Perry	18.0	13.8	14.6	16.9	11.7	11.4	17.2	18.1	19.2	12.9	7.7	5.0	1.8	0.7	1.2	0.5	1.8	0.8
Phillips	--	12.5	16.8	12.5	16.6	11.2	--	5.8	9.1	9.6	8.1	6.4	--	0.3	0.6	0.3	0.4	1.0
Pike	10.8	16.2	12.5	13.2	11.4	11.2	14.0	16.8	12.7	13.9	10.5	11.5	0.5	0.7	0.8	1.4	0.2	0.2
Poinsett	18.9	18.3	16.6	16.1	17.2	13.8	16.4	14.6	13.3	14.0	14.3	8.4	1.7	1.4	0.8	1.5	1.0	0.7
Polk	15.0	10.2	15.9	16.4	14.7	16.4	11.4	13.2	15.8	13.5	11.6	12.3	2.0	0.8	1.4	1.5	1.0	1.2
Pope	16.2	16.6	16.9	16.7	15.6	13.7	12.9	13.9	12.6	13.0	10.8	9.4	1.5	2.0	1.6	1.5	0.9	1.4
Prairie	13.3	17.4	16.7	19.1	14.2	14.3	9.5	9.9	16.0	16.6	12.1	16.4	0.0	2.9	0.7	1.4	1.0	2.2
Pulaski	17.3	16.5	17.2	18.8	18.7	19.9	9.4	11.3	13.0	12.0	10.7	9.9	2.3	1.7	1.5	1.5	1.3	1.5
Randolph	18.4	15.8	14.9	14.5	9.5	11.3	19.4	13.0	14.1	14.3	10.9	10.4	1.8	0.4	0.6	1.2	0.8	1.4
Saint Francis	12.4	9.6	10.8	12.4	11.4	10.6	9.3	7.5	7.2	7.5	5.7	7.4	1.1	0.0	0.6	0.0	0.0	0.6
Saline	16.0	16.1	17.5	17.3	15.6	16.2	12.7	13.4	10.9	9.6	10.1	8.3	2.2	2.1	3.2	2.8	2.1	2.0
Scott	20.4	16.3	14.4	15.3	25.8	17.5	15.0	13.2	11.5	13.7	16.4	12.5	4.5	2.2	0.8	1.5	1.6	1.3
Searcy	23.7	17.0	19.8	13.0	14.9	15.0	18.7	13.1	16.2	11.5	13.0	8.2	3.4	2.0	3.0	1.8	2.1	1.2
Sebastian	18.3	20.5	17.9	19.7	18.2	19.2	13.0	13.2	12.7	11.8	10.1	9.4	2.9	2.4	2.6	2.2	2.4	2.4
Sevier	14.3	11.6	12.9	15.7	14.5	18.4	12.5	13.1	11.8	12.2	8.5	12.2	3.0	1.2	0.8	0.8	0.8	1.0
Sharp	12.8	15.2	15.2	18.2	9.1	15.5	15.8	16.0	14.7	16.0	11.9	11.6	0.7	1.4	1.7	1.7	1.0	2.5
Stone	17.6	15.4	10.6	15.4	13.0	16.3	12.4	17.0	9.2	16.9	10.6	9.9	3.8	2.2	0.6	1.3	1.3	2.1
Union	18.7	15.2	14.1	14.8	16.5	15.8	11.7	12.5	13.2	13.5	11.2	11.5	1.9	1.3	0.5	1.0	0.9	0.9
Van Buren	22.6	19.4	20.3	21.9	13.7	15.9	15.8	18.1	16.8	18.1	11.2	8.1	3.6	2.6	1.2	2.9	1.5	2.3
Washington	14.5	12.7	13.8	14.9	16.0	15.0	13.3	12.5	11.6	11.4	9.4	9.4	2.5	1.5	1.9	1.8	1.7	1.7
White	18.4	16.2	16.2	14.3	15.2	15.3	17.5	14.6	14.5	13.7	11.0	10.8	2.6	1.8	1.9	1.0	1.5	1.0
Woodruff	13.9	13.0	10.0	9.8	13.5	13.2	9.5	12.9	8.7	11.4	7.3	9.3	0.4	0.7	0.0	0.0	0.0	0.7
Yell	16.5	16.5	13.0	12.4	11.9	13.0	9.5	12.3	13.5	11.0	11.1	10.6	1.8	1.8	0.8	1.1	0.7	1.9

** Cells containing the -- symbol indicate an area where data is not available due to the county not participating or not having enough data for that year.

Percentage of Youth Who Used Cocaine, Methamphetamines or Stimulants In Their Lifetime by County

County	Cocaine						Methamphetamines						Stimulants					
	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011
Arkansas	2.8	1.2	--	1.2	0.6	1.6	1.6	1.0	--	0.3	0.3	0.3	4.6	4.1	--	1.2	2.0	2.6
Ashley	2.9	1.2	2.6	0.9	1.3	0.8	3.1	2.3	2.2	0.9	1.0	1.3	5.1	4.2	3.4	2.1	2.4	1.8
Baxter	3.2	2.1	2.8	2.1	1.0	1.4	3.1	1.6	2.3	1.9	0.6	1.0	4.4	3.4	4.0	5.0	3.3	3.1
Benton	5.3	2.7	1.9	1.7	1.2	1.3	4.2	2.2	1.5	1.6	0.9	0.9	6.4	4.2	2.9	3.0	1.7	1.8
Boone	2.5	1.6	1.9	1.7	1.6	1.4	2.0	1.9	2.3	1.4	2.4	0.8	4.2	3.7	3.4	3.5	3.5	1.9
Bradley	1.8	0.8	1.0	0.9	0.6	0.0	2.5	0.3	0.2	0.3	1.2	0.3	3.1	1.8	2.0	2.1	2.4	1.0
Calhoun	1.1	--	1.8	1.3	2.5	2.0	0.5	--	0.0	0.0	0.8	1.0	3.7	--	0.6	1.3	4.3	1.0
Carroll	4.7	2.0	2.3	1.8	1.3	1.7	3.8	1.6	2.2	0.8	1.4	0.9	3.3	2.8	2.4	1.5	2.7	2.0
Chicot	1.3	0.5	0.9	1.2	1.6	0.0	2.3	0.0	0.6	0.4	1.6	0.9	1.9	1.0	0.6	0.4	0.0	0.9
Clark	2.2	1.2	0.6	0.7	1.2	1.0	1.6	0.4	1.1	0.6	0.3	0.8	2.8	2.9	1.1	1.9	2.9	1.6
Clay	2.5	2.7	1.4	1.8	0.7	1.2	2.2	2.3	1.7	1.4	1.1	1.3	2.9	3.8	2.3	3.4	2.0	1.2
Cleburne	4.1	2.5	2.6	2.6	1.6	1.1	3.8	1.8	1.7	1.3	0.9	1.5	6.5	3.8	3.3	2.8	2.5	1.6
Cleveland	--	2.5	1.0	1.5	0.7	0.6	--	1.1	0.3	0.7	0.0	0.3	--	4.3	2.0	2.2	1.4	1.5
Columbia	0.0	2.0	1.8	0.8	1.1	0.9	0.0	2.0	1.6	0.0	2.2	1.3	0.0	2.7	1.8	0.8	2.2	1.5
Conway	2.0	1.4	2.1	1.5	0.7	1.0	2.4	1.4	1.7	2.0	1.2	1.2	4.3	2.5	2.8	2.5	3.1	2.5
Craighead	3.5	2.3	1.9	1.6	1.2	1.1	2.3	1.4	1.3	1.1	0.9	0.6	4.1	3.4	3.3	2.9	2.0	2.5
Crawford	3.1	2.1	2.5	1.5	1.2	1.5	3.1	2.2	1.9	1.5	1.3	1.1	4.4	3.4	3.0	2.1	2.6	2.3
Crittenden	2.7	2.4	1.4	2.0	--	0.9	2.2	1.6	0.4	1.0	--	0.7	3.8	2.5	2.6	1.8	--	1.4
Cross	4.7	3.3	2.2	1.5	1.4	1.4	3.8	2.0	1.3	1.5	1.3	0.7	5.8	4.5	4.9	3.8	2.4	2.1
Dallas	2.8	0.4	0.9	0.9	0.0	1.1	1.4	0.0	0.0	0.5	0.6	0.0	2.3	1.2	0.9	0.9	0.0	1.6
Desha	1.0	--	1.7	1.1	0.0	0.2	1.0	--	0.3	0.3	0.0	0.9	2.8	--	2.0	1.9	0.3	0.7
Drew	2.2	1.4	0.7	0.7	1.2	1.5	2.7	1.1	0.5	0.5	0.2	1.0	3.4	2.2	1.4	1.8	1.5	2.4
Faulkner	5.2	2.5	2.9	1.7	1.3	1.7	3.9	1.6	1.3	1.2	1.0	1.0	7.3	3.5	4.3	3.6	2.4	2.9
Franklin	3.2	2.7	2.2	1.6	0.9	0.9	4.8	3.5	2.8	1.6	2.1	1.0	3.7	3.8	3.0	2.5	2.2	1.9
Fulton	3.3	2.1	0.6	1.3	0.6	1.4	3.0	0.8	0.6	1.6	0.8	0.8	3.6	1.1	2.6	0.9	2.5	1.7

** Cells containing the -- symbol indicate an area where data is not available due to the county not participating or not having enough data for that year.

Percentage of Youth Who Used Cocaine, Methamphetamines or Stimulants In Their Lifetime by County, Cont.

County	Cocaine						Methamphetamines						Stimulants					
	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011
Garland	3.6	2.6	2.2	1.5	1.4	2.1	2.9	1.9	1.7	1.3	1.1	1.2	6.4	4.6	3.5	2.9	2.7	2.4
Grant	4.4	2.9	3.2	1.7	2.0	1.2	3.7	2.2	1.5	1.2	0.8	0.9	6.8	4.3	4.7	3.4	3.4	2.5
Greene	3.4	2.2	2.6	1.9	1.1	1.2	2.7	1.9	1.3	2.2	1.2	1.4	3.8	2.5	2.8	4.1	2.9	1.8
Hempstead	2.5	1.5	0.9	1.8	0.0	0.6	2.1	0.6	1.0	1.1	0.3	0.4	2.1	1.0	2.6	1.5	1.3	1.3
Hot Spring	3.6	2.1	1.7	2.0	1.0	1.6	2.4	1.2	1.4	0.9	1.2	1.3	3.5	2.7	3.6	3.3	2.7	1.7
Howard	1.4	1.0	1.1	0.8	0.5	1.1	2.1	1.0	1.5	1.0	0.8	0.7	2.8	1.0	2.4	1.2	0.3	0.9
Independence	3.1	2.2	2.4	2.4	1.0	1.0	3.1	1.8	2.1	1.9	1.3	1.0	3.4	2.4	1.8	3.0	1.7	1.8
Izard	2.9	2.3	1.7	2.3	0.6	1.0	2.4	2.6	2.2	2.1	0.9	0.8	3.2	4.0	3.2	4.2	2.3	1.0
Jackson	4.0	0.8	1.4	0.8	0.7	1.8	1.6	0.6	0.9	1.0	1.0	1.4	2.4	1.4	1.9	2.1	1.7	2.0
Jefferson	0.9	0.4	1.1	0.7	0.3	0.5	1.6	0.5	0.7	0.8	0.5	0.5	1.3	0.3	2.5	1.9	1.3	1.3
Johnson	1.8	1.4	1.3	1.5	1.8	0.7	2.4	1.4	2.0	1.4	1.4	1.0	3.6	1.9	3.4	1.4	1.8	1.2
Lafayette	0.9	0.8	1.0	2.2	0.0	1.2	0.9	0.4	0.0	2.2	0.0	1.8	2.6	0.8	0.0	2.2	1.6	0.6
Lawrence	2.4	1.9	2.5	2.0	1.2	1.3	2.9	1.5	2.0	1.5	1.1	1.2	4.5	2.8	3.7	2.4	2.1	2.2
Lee	0.9	0.3	0.0	1.0	1.2	0.0	1.4	0.0	0.0	0.0	1.2	0.0	1.4	0.3	0.0	0.5	1.2	1.2
Lincoln	2.6	2.3	0.8	1.2	0.8	0.6	1.6	0.9	0.8	0.6	0.3	1.7	2.6	2.3	1.0	1.5	0.8	1.7
Little River	3.1	1.5	1.6	0.8	0.7	1.0	2.7	1.3	2.0	1.2	1.6	0.6	3.6	1.9	3.2	1.0	2.1	0.8
Logan	2.8	1.5	2.3	1.2	0.7	0.0	3.6	1.1	2.1	1.2	1.3	0.6	2.3	2.6	3.1	2.2	1.8	0.3
Lonoke	3.6	2.0	1.9	1.4	1.4	1.1	3.0	1.5	1.3	1.3	1.1	0.8	5.1	3.4	3.3	3.6	2.0	2.7
Madison	3.9	3.3	2.1	1.7	1.7	0.7	3.2	2.8	2.1	1.3	1.2	0.2	5.2	3.5	2.1	2.5	2.7	2.2
Marion	2.2	2.5	1.9	1.5	2.1	0.3	2.6	1.9	1.9	1.2	1.4	1.3	4.1	5.1	1.9	4.7	1.4	4.2
Miller	3.2	2.1	1.2	1.2	1.1	1.1	2.7	1.7	0.8	0.8	1.4	1.2	3.4	2.3	2.1	2.0	2.1	2.2
Mississippi	2.7	1.3	1.4	1.2	1.0	0.9	3.1	0.8	1.0	0.9	0.8	0.8	3.8	1.0	2.2	1.6	1.4	0.9
Monroe	1.0	2.0	1.0	1.6	0.0	3.7	1.7	1.0	1.0	1.6	0.0	2.2	3.7	5.1	4.1	0.0	3.3	0.7
Montgomery	2.2	1.5	3.1	0.9	0.0	0.9	1.7	1.0	1.8	2.6	0.9	0.9	4.4	2.5	7.1	2.6	1.3	0.9
Nevada	3.1	2.1	2.5	1.2	2.7	1.2	3.1	2.1	1.9	0.6	1.0	0.6	2.4	1.8	3.8	1.2	0.7	1.8

** Cells containing the -- symbol indicate an area where data is not available due to the county not participating or not having enough data for that year.

Percentage of Youth Who Used Cocaine, Methamphetamines or Stimulants In Their Lifetime by County, Cont.

County	Cocaine						Methamphetamines						Stimulants					
	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011
Newton	4.0	1.4	0.0	1.3	0.4	0.8	2.9	1.9	0.0	1.7	0.8	0.8	4.0	2.4	6.2	3.4	2.0	1.5
Ouachita	1.6	1.5	1.2	0.5	0.3	0.9	1.9	0.5	0.7	0.9	0.1	0.5	2.4	1.6	1.5	2.3	1.0	1.1
Perry	2.8	2.1	1.8	1.2	1.5	0.6	3.5	1.8	0.5	0.5	0.8	0.6	4.5	4.1	4.6	3.1	2.3	2.5
Phillips	--	0.0	0.4	0.5	0.6	0.7	--	0.0	0.4	0.4	0.3	0.1	--	0.3	0.4	0.9	0.9	0.9
Pike	1.1	1.8	1.1	2.2	0.6	1.1	0.8	2.0	0.8	1.3	0.4	0.2	3.8	2.5	2.1	2.2	1.2	1.3
Poinsett	2.8	2.1	1.2	2.3	0.8	1.6	2.9	2.4	0.9	1.4	2.2	1.2	4.4	3.9	2.9	4.4	2.3	1.4
Polk	2.9	1.0	2.1	2.3	1.6	1.8	2.0	1.4	1.8	2.9	1.4	1.6	2.2	1.2	2.2	2.8	3.4	2.8
Pope	2.8	2.5	1.7	1.9	1.1	1.4	2.9	1.4	1.1	1.4	0.7	1.0	3.6	3.5	3.2	3.1	2.3	2.0
Prairie	1.5	4.0	4.1	3.1	1.0	2.2	0.0	2.9	3.4	3.4	0.3	3.0	1.5	2.9	2.4	3.7	0.3	2.3
Pulaski	2.7	1.8	1.4	1.2	1.2	1.2	1.4	1.2	0.9	0.9	0.7	0.9	3.4	2.9	2.0	2.4	2.0	1.9
Randolph	3.7	1.4	1.0	2.5	1.9	2.6	2.7	1.3	1.6	2.4	1.7	1.4	4.6	3.4	1.8	3.1	1.7	2.3
Saint Francis	1.0	0.2	0.6	0.5	0.4	0.4	1.0	0.0	0.3	0.5	0.5	0.2	2.1	0.8	0.4	0.5	1.4	0.9
Saline	2.4	2.4	2.1	1.6	1.8	1.1	1.4	1.5	1.3	0.8	0.8	0.6	3.7	5.1	5.4	4.9	4.0	2.9
Scott	3.7	1.7	1.9	1.5	0.8	1.3	5.9	2.2	1.9	1.2	0.8	2.6	7.1	2.5	2.5	1.5	3.1	1.3
Searcy	2.6	2.5	2.7	0.3	1.8	1.5	3.7	3.0	1.5	1.5	1.2	1.5	4.0	3.5	3.6	2.4	3.3	2.7
Sebastian	4.1	2.6	2.3	1.9	2.1	1.8	3.3	2.3	2.1	1.9	1.5	2.0	4.6	3.8	3.2	2.9	2.4	2.3
Sevier	4.3	1.8	2.5	2.5	2.0	3.0	4.3	1.3	1.9	1.5	1.5	2.4	2.8	2.2	0.5	2.2	1.5	0.7
Sharp	2.2	2.0	2.3	2.5	0.6	1.6	2.2	2.7	1.4	1.5	1.2	2.3	2.5	2.9	2.9	3.7	2.4	3.2
Stone	4.1	2.5	0.3	1.0	0.8	0.8	3.1	2.5	0.6	1.0	1.0	0.8	5.2	4.0	1.9	2.5	1.0	2.1
Union	2.8	1.8	1.1	0.9	0.6	0.7	2.3	1.5	0.7	0.6	0.8	0.9	2.9	2.4	1.2	2.2	2.1	1.0
Van Buren	5.5	2.4	3.3	2.9	0.4	1.1	3.9	3.6	2.7	1.8	0.6	0.7	4.7	4.6	3.3	5.3	1.7	1.6
Washington	3.6	2.2	1.9	2.0	1.4	1.3	3.5	1.6	1.4	1.5	1.2	1.0	3.6	2.6	2.1	2.3	2.4	1.9
White	3.4	2.1	2.3	1.7	1.5	1.5	3.3	1.9	2.0	1.3	1.1	1.1	5.3	4.1	3.2	2.3	1.9	2.1
Woodruff	1.3	1.1	0.4	0.8	0.4	0.0	0.9	1.1	0.0	0.8	1.2	0.0	2.2	2.2	0.8	0.8	1.2	1.3
Yell	2.0	2.2	1.0	0.7	1.3	1.9	2.2	2.7	0.8	1.0	1.0	1.8	2.7	4.2	2.5	2.0	2.0	1.5

** Cells containing the -- symbol indicate an area where data is not available due to the county not participating or not having enough data for that year.

Percentage of Youth Who Used Sedatives, Ecstasy or Heroin In Their Lifetime by County																		
County	Sedatives						Ecstasy						Heroin					
	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011
Arkansas	9.5	10.5	--	6.8	6.8	10.0	2.1	1.0	--	0.0	0.8	2.6	0.7	0.5	--	0.6	0.3	0.3
Ashley	12.5	14.2	12.5	10.7	9.8	10.3	3.5	2.2	2.1	2.0	0.4	1.6	1.2	0.4	0.5	0.7	0.4	0.5
Baxter	14.8	13.9	16.0	14.1	12.9	9.9	3.6	1.6	2.7	2.6	1.6	2.3	2.2	1.1	1.5	2.3	0.9	1.6
Benton	14.1	12.1	10.4	11.3	8.5	8.9	3.7	2.6	1.5	1.8	1.5	1.4	2.4	1.1	0.9	1.1	0.7	0.6
Boone	13.7	12.9	13.1	12.9	11.2	9.5	3.2	1.7	2.2	2.0	2.9	2.2	1.1	1.0	1.1	1.3	1.4	0.7
Bradley	12.3	8.5	9.2	8.0	8.8	5.8	2.2	1.0	1.7	1.2	2.1	0.3	0.9	0.5	1.0	0.3	0.9	0.0
Calhoun	8.6	--	13.3	9.0	11.8	13.1	2.2	--	1.2	1.3	0.9	0.0	1.1	--	0.0	0.0	0.0	0.0
Carroll	13.6	15.0	12.9	14.2	12.5	10.7	3.2	1.8	1.8	1.2	2.6	1.5	2.6	1.0	1.6	1.5	1.2	1.1
Chicot	10.5	5.2	7.8	13.9	3.2	5.2	2.9	0.5	1.9	3.0	1.6	0.9	1.0	0.0	0.0	0.0	0.0	0.4
Clark	12.8	12.0	10.3	9.4	8.8	8.1	2.7	1.6	1.7	0.6	1.2	0.4	0.8	0.6	0.6	0.4	0.5	0.4
Clay	15.6	15.9	12.3	14.8	12.2	8.7	1.7	2.2	2.2	2.5	1.8	1.5	0.2	1.5	0.8	1.1	0.4	0.8
Cleburne	20.7	15.1	15.1	13.3	9.5	9.8	4.2	2.9	3.6	3.0	3.0	0.8	2.7	1.0	1.2	1.7	0.4	1.0
Cleveland	--	13.6	10.7	10.3	6.3	8.1	--	2.3	0.0	2.2	0.0	0.9	--	1.4	0.7	0.0	0.0	0.0
Columbia	5.9	11.6	13.7	13.2	7.7	11.9	1.5	2.1	2.4	0.8	3.4	1.6	0.0	0.7	0.8	0.0	0.0	0.9
Conway	15.2	12.4	10.9	13.1	10.6	12.1	2.9	2.8	2.6	3.3	1.5	2.2	0.5	0.7	0.3	0.9	0.4	0.0
Craighead	13.5	12.6	12.4	12.4	10.3	10.5	2.8	2.2	2.6	1.7	1.5	1.4	1.2	1.0	0.9	0.7	0.5	0.5
Crawford	16.2	14.2	12.0	11.3	8.1	11.4	5.6	4.2	2.8	2.7	2.9	2.9	1.9	1.2	1.2	0.6	1.0	0.9
Crittenden	13.6	11.7	10.5	11.4	--	8.3	3.2	2.8	2.3	2.8	--	0.8	0.4	0.7	0.4	0.4	--	0.8
Cross	18.3	15.2	13.9	12.3	9.7	12.5	4.3	3.9	2.5	1.8	1.0	1.7	1.7	0.4	0.8	0.8	0.5	1.0
Dallas	14.9	10.3	7.2	10.8	7.9	8.2	4.2	0.8	0.9	1.8	0.0	0.6	0.5	0.0	0.0	0.9	0.0	0.0
Desha	10.4	--	12.8	9.3	8.0	6.8	2.1	--	0.6	1.4	0.2	0.2	0.7	--	0.0	0.0	0.0	0.4
Drew	12.4	9.4	9.8	8.2	8.1	9.7	2.2	1.0	1.4	1.5	1.2	0.5	0.7	0.2	0.3	0.7	0.0	0.0
Faulkner	18.7	10.7	13.2	13.5	10.0	10.9	5.3	1.7	3.2	2.9	2.4	2.6	2.5	1.2	1.2	1.0	0.6	1.1
Franklin	15.5	15.2	13.9	9.5	8.1	6.5	4.4	3.7	3.8	3.2	1.3	0.8	1.0	1.0	0.8	0.5	0.2	0.4
Fulton	16.3	8.5	12.3	9.1	6.0	7.2	1.8	0.8	0.0	0.9	1.1	1.9	2.4	0.8	0.6	1.2	0.8	0.8

** Cells containing the -- symbol indicate an area where data is not available due to the county not participating or not having enough data for that year.

Percentage of Youth Who Used Sedatives, Ecstasy or Heroin In Their Lifetime by County, Cont.

County	Sedatives						Ecstasy						Heroin					
	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011
Garland	16.9	15.0	14.2	12.9	12.8	10.6	3.8	3.4	2.6	2.2	2.0	1.9	2.1	1.2	1.4	1.2	0.8	0.8
Grant	17.4	14.8	14.5	12.8	11.9	11.9	4.7	2.9	2.7	3.1	2.8	2.0	2.2	1.0	1.2	1.1	0.9	0.7
Greene	15.1	14.5	13.7	13.8	11.6	10.7	3.0	2.1	2.0	2.3	1.5	1.7	1.6	0.7	0.9	1.5	0.9	1.0
Hempstead	12.1	9.2	8.8	8.1	8.0	8.2	1.7	0.9	0.7	1.1	1.0	1.5	1.7	0.0	0.0	0.4	0.3	0.2
Hot Spring	14.1	12.4	14.3	12.0	9.3	9.7	3.2	1.8	2.5	2.4	2.3	1.8	1.3	0.8	0.9	0.6	0.7	1.2
Howard	9.9	8.2	9.8	8.6	5.5	6.9	1.6	1.7	1.6	1.0	1.3	1.1	1.1	0.2	0.6	0.7	0.3	0.2
Independence	14.8	10.3	13.5	11.1	9.9	9.5	2.7	1.5	2.5	1.3	1.0	0.8	1.4	0.8	1.0	1.3	0.5	0.5
Izard	13.3	12.1	12.1	12.3	8.3	10.0	1.5	2.0	1.9	3.2	0.3	1.8	0.3	1.2	1.0	1.9	0.3	0.8
Jackson	13.6	12.4	11.2	13.8	10.9	14.9	2.4	0.4	1.9	0.8	1.2	2.3	1.2	0.0	0.9	0.4	0.7	1.1
Jefferson	5.1	5.1	9.8	9.0	6.7	7.1	2.3	0.9	1.7	1.3	0.8	0.7	1.4	0.1	0.5	0.3	0.3	0.3
Johnson	12.4	14.8	16.1	12.8	11.5	8.3	2.0	2.3	4.7	1.7	1.2	1.0	0.5	1.1	0.7	0.4	0.9	0.6
Lafayette	13.2	11.2	11.2	10.0	11.9	7.3	1.7	1.6	0.5	1.7	0.0	1.2	0.9	0.0	0.0	0.9	0.8	0.6
Lawrence	10.8	11.8	11.1	12.7	8.7	9.3	3.5	2.9	1.6	1.7	1.7	1.8	1.7	0.6	0.9	0.9	0.9	0.7
Lee	7.1	4.8	4.0	7.3	4.7	6.3	1.9	0.7	0.0	1.1	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0
Lincoln	12.2	11.3	9.2	9.4	10.1	9.5	1.8	1.4	0.3	1.2	0.8	0.8	1.3	0.3	0.5	1.8	0.0	0.3
Little River	11.7	9.2	13.2	10.6	8.0	9.7	3.6	2.2	3.8	4.4	1.9	0.8	1.5	1.5	1.4	1.2	0.5	0.2
Logan	11.6	9.4	10.7	8.3	5.8	8.8	2.1	1.8	2.8	1.6	1.5	0.8	1.5	0.5	0.8	0.5	0.3	0.3
Lonoke	16.4	13.7	12.6	13.4	10.2	11.5	4.1	2.5	2.7	3.0	1.7	1.9	2.0	1.0	0.9	0.9	1.0	0.7
Madison	13.6	11.8	10.2	10.5	12.2	14.2	3.0	2.2	1.9	1.3	2.2	1.1	1.8	2.0	1.5	0.9	0.5	0.9
Marion	15.4	16.4	11.3	16.2	12.4	10.7	1.7	1.1	1.1	2.2	2.1	1.0	1.3	2.2	1.7	2.0	2.1	0.8
Miller	12.3	14.9	12.4	13.7	12.0	10.2	4.0	2.4	2.5	3.8	4.2	3.3	1.5	0.8	0.5	0.8	1.0	0.7
Mississippi	12.0	8.7	10.0	9.3	9.4	9.3	3.1	1.3	1.9	1.5	1.3	1.5	1.2	0.6	0.5	0.5	0.3	0.7
Monroe	8.5	14.3	8.2	11.4	11.3	10.3	2.7	4.1	4.1	2.4	1.6	2.2	0.3	3.1	0.0	1.6	0.0	0.0
Montgomery	14.4	15.3	16.4	11.3	9.7	10.2	2.6	3.0	1.3	2.6	0.9	1.9	0.9	0.0	0.4	0.9	0.4	0.9
Nevada	7.8	7.7	13.3	9.1	7.5	8.2	2.7	1.0	1.9	0.9	1.7	2.4	1.4	0.7	0.9	0.3	1.0	0.6

** Cells containing the -- symbol indicate an area where data is not available due to the county not participating or not having enough data for that year.

Percentage of Youth Who Used Sedatives, Ecstasy or Heroin In Their Lifetime by County, Cont.

County	Sedatives						Ecstasy						Heroin					
	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011
Newton	15.9	11.5	21.9	12.8	10.7	9.4	3.4	1.0	0.0	1.3	2.1	0.8	1.1	0.5	0.0	1.3	1.2	0.4
Ouachita	13.0	10.1	8.9	10.0	7.2	7.0	3.6	2.4	2.1	1.7	1.1	1.5	0.5	0.1	0.5	0.2	0.1	0.5
Perry	16.0	14.3	13.0	12.4	9.3	7.2	2.8	2.8	1.6	1.5	0.5	1.4	1.5	0.7	0.2	0.2	0.3	0.3
Phillips	--	8.0	7.9	8.9	7.8	7.1	--	1.1	0.6	1.4	0.8	0.2	--	0.0	0.0	0.5	0.0	0.5
Pike	12.4	15.9	10.3	14.5	6.8	9.3	1.1	1.8	2.1	1.6	0.6	0.9	0.0	0.7	0.8	1.1	0.2	0.7
Poinsett	17.7	16.1	13.8	14.5	12.8	11.2	2.5	1.7	1.0	2.3	1.5	1.4	1.3	1.2	0.6	0.6	0.4	0.5
Polk	12.7	10.6	13.7	12.1	11.5	10.1	1.5	1.4	2.8	2.6	2.4	2.1	1.7	0.8	0.8	1.1	0.6	1.2
Pope	12.0	12.1	11.8	11.7	10.4	9.7	2.4	2.2	1.6	2.1	1.5	1.6	0.7	0.7	0.9	1.1	0.3	0.8
Prairie	7.3	9.2	14.4	18.0	7.2	11.4	2.2	3.5	1.7	2.4	1.0	1.5	0.0	0.6	0.3	2.0	0.0	0.8
Pulaski	10.0	10.0	9.7	11.0	10.2	9.4	2.4	2.1	1.7	2.2	1.9	1.6	1.6	0.9	0.9	0.9	0.6	0.6
Randolph	13.8	10.1	11.4	11.8	8.9	9.6	2.7	1.6	2.0	1.4	1.1	1.9	1.6	0.5	1.4	1.0	0.9	1.2
Saint Francis	6.2	6.6	7.4	7.4	5.6	7.3	1.0	0.8	1.2	0.5	1.3	0.4	1.0	0.8	0.3	0.4	0.2	0.0
Saline	13.6	14.1	13.5	12.5	10.6	9.5	2.5	3.1	3.5	2.3	1.8	1.6	1.3	2.0	1.7	1.9	1.0	0.9
Scott	17.2	10.9	12.4	9.5	13.2	8.1	5.1	3.1	1.4	1.5	3.1	1.3	2.3	1.4	0.0	0.3	1.6	1.0
Searcy	18.9	14.9	14.2	11.9	10.3	9.7	3.5	3.0	3.0	1.8	1.5	1.5	2.3	1.2	1.8	0.6	0.6	1.5
Sebastian	13.8	13.0	11.6	11.6	10.2	9.9	4.3	3.8	3.9	4.1	3.2	2.8	1.9	1.1	1.5	1.5	1.4	1.5
Sevier	12.2	9.8	11.4	11.0	8.1	11.0	2.5	0.5	2.0	2.4	0.9	1.0	2.2	0.7	0.9	1.7	0.9	1.0
Sharp	14.3	14.7	15.6	14.1	8.9	10.6	2.3	2.1	2.3	2.7	1.8	3.4	0.8	1.1	1.9	1.3	1.8	1.8
Stone	12.7	13.6	7.8	15.4	10.4	10.5	2.4	1.2	1.1	2.0	1.0	1.1	2.1	1.9	0.3	0.3	0.5	0.0
Union	13.9	13.7	11.0	13.5	11.4	11.4	2.8	2.9	1.6	1.7	2.3	1.3	1.3	1.1	0.4	0.6	0.6	1.1
Van Buren	18.3	15.2	19.8	16.5	9.1	9.2	4.3	3.2	4.7	5.1	1.6	2.0	2.4	1.8	1.7	2.0	0.4	1.1
Washington	11.5	10.6	10.7	10.2	9.6	8.6	3.0	1.8	1.8	1.7	2.1	1.5	1.5	0.7	0.8	1.0	1.2	0.8
White	18.0	14.5	14.4	13.4	10.9	12.1	3.6	2.7	2.1	2.4	2.0	1.5	1.5	1.4	1.4	1.0	0.9	0.7
Woodruff	11.7	14.0	7.9	11.4	8.2	7.9	2.2	1.1	0.0	0.8	0.0	0.0	0.4	0.7	0.0	0.0	1.2	0.0
Yell	13.6	12.9	12.2	9.7	11.4	12.1	1.4	2.2	1.1	1.2	1.8	2.1	0.5	1.0	0.4	0.9	1.2	0.7

** Cells containing the -- symbol indicate an area where data is not available due to the county not participating or not having enough data for that year.

Percentage of Youth Who Used Prescription Drugs, Over-The-Counter Drugs, Alcopops or Any Drug In Their Lifetime by County

County	Prescription Drugs				Over-The-Counter Drugs				Alcopops			Any Drug					
	2008	2009	2010	2011	2008	2009	2010	2011	2009	2010	2011	2006	2007	2008	2009	2010	2011
Arkansas	--	6.6	6.2	14.0	--	4.4	4.0	4.2	31.1	34.2	36.0	27.6	26.6	--	25.0	26.8	34.5
Ashley	14.4	12.4	10.5	12.2	7.6	6.9	8.5	4.4	35.4	37.0	36.0	28.0	30.0	35.3	31.3	30.5	27.8
Baxter	16.5	14.5	13.3	9.8	9.5	7.5	6.1	5.3	34.3	33.4	23.9	30.3	27.6	35.4	32.3	30.8	27.3
Benton	11.2	11.6	9.2	8.6	5.7	6.4	5.0	4.3	26.6	21.4	22.1	29.6	26.4	26.8	27.9	24.1	23.8
Boone	13.2	14.3	11.4	12.0	7.3	6.4	6.5	4.9	33.2	28.9	27.0	29.1	25.8	30.8	29.9	27.9	26.3
Bradley	11.6	8.9	8.3	8.5	7.3	6.3	4.3	3.6	31.5	28.4	31.7	25.1	26.2	28.9	27.5	23.4	24.8
Calhoun	12.0	10.3	12.9	10.2	6.0	6.5	6.0	9.2	34.8	41.2	35.7	29.6	--	41.1	29.9	33.6	32.3
Carroll	14.6	13.2	13.1	10.3	7.0	5.4	5.9	5.1	32.0	35.8	32.0	30.9	28.9	32.3	33.0	32.1	28.0
Chicot	5.0	11.6	4.8	6.6	4.7	7.0	4.8	3.1	34.6	32.3	21.1	30.9	22.1	32.7	39.9	29.7	24.6
Clark	9.7	7.3	11.5	8.3	6.4	5.1	5.6	4.6	21.5	27.5	22.7	26.5	28.6	28.9	23.9	23.5	23.0
Clay	13.7	14.3	11.2	10.0	8.4	8.1	6.7	6.1	35.8	31.3	27.0	29.0	31.4	30.6	33.5	29.4	24.8
Cleburne	17.3	13.7	10.1	9.5	8.5	7.4	5.9	3.4	40.2	31.1	26.5	38.6	31.5	33.8	31.1	25.6	25.0
Cleveland	11.1	10.3	10.6	5.5	5.9	3.7	4.9	3.2	31.6	22.4	27.5	--	28.5	29.5	27.5	19.6	22.3
Columbia	13.4	15.9	13.3	9.9	7.1	7.1	3.3	6.4	43.2	37.1	31.7	13.2	26.4	33.9	38.1	28.6	32.2
Conway	10.3	13.7	9.6	11.1	5.9	6.1	4.3	4.6	41.2	31.2	32.3	36.1	30.2	29.2	34.5	28.1	26.8
Craighead	13.5	12.9	11.0	10.8	7.1	6.7	5.5	5.7	30.5	26.0	26.1	25.6	25.8	28.2	29.2	25.5	26.5
Crawford	13.5	11.4	9.1	12.4	6.3	5.6	4.3	5.7	26.6	20.3	26.8	28.7	27.8	28.3	27.4	21.3	27.4
Crittenden	13.3	11.8	--	9.0	6.7	6.2	--	4.9	30.0	--	24.7	31.3	27.5	29.6	30.2	--	26.9
Cross	17.0	13.3	9.6	13.8	9.6	8.2	5.8	7.6	34.3	30.8	37.8	32.2	30.3	34.8	30.3	29.6	34.3
Dallas	9.0	13.1	11.4	7.7	6.3	8.6	6.2	4.4	32.9	30.3	27.4	28.0	28.0	21.3	32.4	23.9	25.7
Desha	12.6	10.1	7.4	8.1	5.2	8.9	3.3	4.4	36.1	35.0	28.0	29.6	--	38.4	33.4	25.8	28.9
Drew	9.5	8.9	9.4	9.3	4.5	4.0	5.0	5.9	23.6	24.4	32.2	29.3	22.9	27.3	24.0	27.7	29.0
Faulkner	14.4	14.7	10.2	11.8	8.4	6.8	5.3	6.0	33.2	24.1	27.2	32.4	24.6	31.5	32.3	25.1	28.1
Franklin	15.6	10.6	7.5	7.9	8.5	6.0	3.5	5.6	27.7	23.7	25.3	28.2	28.7	33.8	25.9	20.4	20.1
Fulton	11.3	10.0	8.5	7.5	7.1	6.3	3.6	4.4	29.2	26.2	26.1	28.0	27.8	27.5	25.5	23.6	20.3

*** Cells containing the -- symbol indicate an area where data is not available due to the county not participating or not having enough data for that year.*

Percentage of Youth Who Used Prescription Drugs, Over-The-Counter Drugs, Alcopops or Any Drug In Their Lifetime by County, Cont.

County	Prescription Drugs				Over-The-Counter Drugs				Alcopops			Any Drug					
	2008	2009	2010	2011	2008	2009	2010	2011	2009	2010	2011	2006	2007	2008	2009	2010	2011
Garland	16.1	13.8	12.9	10.9	8.0	7.4	6.1	5.1	32.1	27.5	24.4	34.2	31.0	34.9	32.7	29.0	27.1
Grant	16.9	13.7	12.4	11.7	10.0	5.9	6.0	6.3	33.4	28.6	33.1	30.8	29.9	32.3	29.6	27.1	27.6
Greene	15.1	15.2	11.7	12.7	8.2	9.0	5.5	6.5	34.5	27.1	26.5	26.2	27.9	30.4	31.1	27.0	28.1
Hempstead	10.3	7.4	6.5	7.3	6.4	6.0	2.9	3.4	30.9	17.7	28.4	29.5	23.5	27.7	26.6	19.9	24.8
Hot Spring	16.1	12.7	11.1	10.0	8.0	7.0	5.9	4.1	33.3	30.4	26.8	28.3	30.9	34.5	30.9	28.9	26.8
Howard	13.4	9.6	6.6	7.8	6.0	5.2	5.2	3.3	30.8	24.7	30.1	23.7	22.0	30.7	23.6	21.7	24.7
Independence	13.5	13.2	11.4	9.6	7.8	6.3	5.5	5.3	35.5	29.6	29.0	27.7	22.6	30.9	29.3	26.8	25.1
Izard	12.6	14.4	10.8	8.3	8.5	10.0	6.5	3.6	34.8	29.1	31.3	28.8	27.5	28.6	29.1	27.1	24.1
Jackson	14.4	12.7	11.2	13.1	8.4	8.5	7.2	5.9	38.2	34.1	34.2	26.2	24.9	31.7	32.0	29.6	31.9
Jefferson	10.5	8.7	6.0	6.7	6.1	4.3	3.0	3.3	28.7	22.5	22.3	25.3	29.6	31.1	27.5	20.8	22.2
Johnson	15.4	13.0	11.1	10.3	10.8	5.3	5.4	4.5	31.6	26.8	24.7	25.9	28.4	36.0	29.3	26.5	25.6
Lafayette	8.3	8.7	14.3	9.1	6.8	5.2	10.3	6.1	39.0	35.4	37.4	26.8	24.3	31.4	31.9	36.4	21.4
Lawrence	12.7	12.3	10.1	10.7	7.0	4.8	4.8	5.8	33.5	29.3	31.1	24.8	27.9	26.0	26.1	25.6	26.4
Lee	4.8	9.4	5.9	1.2	6.4	1.1	1.2	0.0	19.3	14.3	12.5	21.1	18.2	17.5	26.4	19.5	14.5
Lincoln	12.0	8.5	8.4	11.2	6.4	5.6	2.4	4.5	28.5	30.9	28.6	24.9	30.0	26.9	25.7	28.5	26.7
Little River	15.9	12.7	10.6	11.2	9.3	6.3	5.2	4.8	36.0	32.0	38.1	25.3	20.3	33.2	29.9	27.8	30.6
Logan	12.0	10.5	8.3	6.6	6.5	5.2	4.1	3.3	34.2	26.7	32.0	25.5	27.4	29.4	25.7	20.9	23.8
Lonoke	14.2	14.3	10.5	11.9	7.4	6.7	5.4	5.2	30.4	25.5	25.2	30.1	27.8	29.4	30.3	25.6	28.9
Madison	12.1	10.1	11.7	17.8	5.6	6.1	8.3	7.0	37.1	34.0	37.0	27.5	27.5	30.9	29.3	30.1	38.5
Marion	13.9	16.0	14.6	12.3	6.9	7.8	5.6	4.7	44.3	40.7	36.1	30.7	30.9	32.2	34.7	27.7	28.2
Miller	12.3	13.2	13.0	11.1	6.2	6.3	5.7	5.5	34.8	28.1	29.4	27.5	30.2	33.2	33.9	29.2	28.5
Mississippi	13.4	9.8	8.6	9.5	6.9	6.1	4.5	4.4	27.1	23.3	22.4	27.8	24.4	26.0	28.4	25.3	25.2
Monroe	10.3	8.9	9.8	10.4	9.2	4.1	1.6	5.1	36.3	27.0	30.4	26.9	24.2	33.3	29.6	24.0	30.9
Montgomery	20.1	16.1	8.0	11.1	9.8	7.1	3.1	5.6	44.6	32.9	32.4	29.3	30.5	37.2	36.2	24.1	23.1
Nevada	14.3	8.8	10.6	10.6	8.9	3.5	3.8	3.2	28.9	28.8	30.6	24.7	22.9	34.9	25.1	26.8	27.8

** Cells containing the -- symbol indicate an area where data is not available due to the county not participating or not having enough data for that year.

Percentage of Youth Who Used Prescription Drugs, Over-The-Counter Drugs, Alcopops or Any Drug In Their Lifetime by County, Cont.

County	Prescription Drugs				Over-The-Counter Drugs				Alcopops			Any Drug					
	2008	2009	2010	2011	2008	2009	2010	2011	2009	2010	2011	2006	2007	2008	2009	2010	2011
Newton	9.4	10.3	11.2	9.1	6.2	6.4	6.6	1.9	26.7	25.1	30.3	29.4	25.0	37.5	25.7	26.2	22.4
Ouachita	9.7	10.0	7.2	7.8	5.1	6.6	4.4	4.9	35.0	26.6	27.0	31.2	26.7	28.0	28.1	26.0	24.6
Perry	15.2	13.0	10.5	10.3	6.2	5.3	3.3	2.0	35.7	26.2	26.2	29.0	30.1	33.3	28.7	19.9	19.4
Phillips	7.7	7.5	6.5	6.2	4.9	4.8	5.3	2.7	28.4	30.0	21.2	--	20.3	31.8	27.3	28.9	21.2
Pike	10.7	14.3	8.0	10.9	7.0	6.5	4.0	5.8	38.2	25.9	27.1	23.2	32.6	26.2	30.6	21.8	25.9
Poinsett	14.9	15.0	14.1	10.9	7.2	6.4	3.7	4.1	35.0	34.9	30.0	30.9	30.5	31.2	30.9	30.5	23.3
Polk	15.5	11.7	11.2	10.2	8.8	5.1	6.2	7.7	35.2	33.0	31.5	25.6	23.3	34.3	30.6	27.5	28.5
Pope	12.8	12.4	11.4	8.7	6.0	6.7	5.2	5.6	29.9	26.8	24.2	26.3	28.9	30.5	29.8	27.4	25.2
Prairie	13.7	17.3	12.1	15.2	6.9	6.1	5.5	6.8	39.8	30.8	33.1	23.7	24.9	35.5	38.9	29.3	32.6
Pulaski	10.0	10.9	10.0	9.8	5.4	5.3	4.9	4.8	28.6	25.2	25.0	26.3	27.5	31.8	32.8	31.3	31.6
Randolph	12.9	12.0	9.4	11.3	7.6	4.9	4.7	4.2	31.4	29.4	29.4	30.6	25.9	29.5	28.9	20.5	22.4
Saint Francis	6.1	6.5	6.7	6.4	4.2	4.0	2.4	3.2	23.8	21.1	20.3	19.1	20.7	25.4	23.9	20.6	21.4
Saline	15.9	13.8	12.5	11.1	7.6	7.3	5.5	4.7	30.0	27.0	27.2	26.9	26.6	29.5	29.3	26.2	27.7
Scott	13.5	11.9	17.2	8.7	7.7	7.3	7.8	4.2	37.8	49.2	27.7	31.2	25.2	31.8	29.9	38.8	28.2
Searcy	17.4	11.0	13.6	10.7	8.7	6.7	4.8	4.8	27.4	28.3	32.2	37.4	30.5	35.2	25.1	28.8	25.4
Sebastian	12.2	11.1	11.0	9.6	6.0	5.8	5.2	4.6	32.0	27.5	27.4	29.1	31.1	31.9	31.7	28.8	28.5
Sevier	10.9	10.6	7.7	10.2	6.3	6.0	3.8	5.2	40.5	27.5	35.8	24.9	24.6	29.0	29.1	26.0	32.4
Sharp	13.4	13.6	8.1	12.2	8.9	7.2	3.1	8.5	42.5	22.9	31.9	26.8	30.8	30.9	33.4	22.2	25.0
Stone	8.7	13.9	10.2	13.6	5.3	8.6	4.2	5.8	30.4	23.4	29.7	25.4	31.3	23.0	33.8	24.3	28.2
Union	11.6	13.2	12.8	11.4	7.6	7.5	6.0	5.2	34.7	31.9	31.0	30.4	28.4	33.0	32.7	29.7	29.9
Van Buren	19.0	18.0	9.7	10.1	12.1	10.9	3.9	5.6	38.2	25.9	30.7	33.7	32.0	37.9	35.5	24.5	26.7
Washington	11.7	11.0	10.5	9.1	5.3	5.0	4.9	4.2	25.9	24.1	22.9	25.5	24.8	28.2	27.6	26.6	25.5
White	16.1	13.2	12.2	11.9	8.4	7.0	6.3	5.6	33.0	30.1	28.0	32.7	29.4	33.0	30.7	28.6	28.0
Woodruff	7.5	8.2	5.3	5.3	5.8	6.1	2.9	4.0	30.5	26.5	35.3	22.5	25.3	23.6	26.0	22.4	24.5
Yell	11.9	9.9	11.0	9.5	4.8	5.1	5.7	4.5	34.1	33.6	28.9	26.5	26.2	30.0	25.6	27.3	26.0

** Cells containing the -- symbol indicate an area where data is not available due to the county not participating or not having enough data for that year.

Percentage of Youth Who Used Alcohol, Cigarettes or Smokeless Tobacco During the Past 30 Days by County

County	Alcohol						Cigarettes						Smokeless Tobacco					
	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011
Arkansas	29.7	27.5	--	20.6	25.6	28.6	12.9	12.8	--	10.0	12.7	14.2	6.6	7.3	--	6.1	5.7	6.3
Ashley	27.4	24.7	27.5	23.6	21.9	25.8	15.9	15.1	14.0	12.1	14.4	14.0	10.1	8.4	10.1	7.3	10.0	12.0
Baxter	22.5	16.9	20.6	19.1	18.5	13.6	14.9	11.9	14.0	12.9	11.8	10.3	6.4	4.2	5.8	5.6	6.1	6.4
Benton	23.3	19.3	15.2	16.0	13.2	12.7	9.9	9.0	7.3	7.6	5.8	5.8	5.2	4.7	3.6	3.8	3.3	3.1
Boone	21.8	19.0	21.4	20.2	17.7	17.2	15.6	14.4	13.1	14.3	13.1	11.1	12.1	9.2	9.3	8.8	7.9	7.7
Bradley	27.3	24.2	26.5	21.7	17.9	17.1	18.4	13.9	19.7	16.9	10.9	12.3	9.9	7.9	9.5	8.8	6.8	5.2
Calhoun	31.4	--	37.5	26.8	29.4	22.2	15.1	--	22.9	18.1	23.2	13.0	9.8	--	19.8	15.5	16.7	15.0
Carroll	25.2	23.6	23.3	21.8	25.2	22.0	14.7	9.9	10.5	8.5	11.7	8.8	6.4	5.8	7.4	9.7	9.2	7.7
Chicot	15.1	16.2	24.2	28.5	20.6	13.2	10.5	8.7	11.6	10.7	11.3	2.8	3.6	2.9	3.5	0.4	4.8	3.3
Clark	24.0	23.2	18.9	15.8	16.9	12.9	11.5	11.9	8.0	7.1	8.1	7.1	7.0	8.5	6.1	4.4	4.5	4.8
Clay	26.0	21.7	24.7	21.3	18.1	15.9	19.4	20.7	18.9	16.8	14.7	11.1	14.2	10.1	15.4	12.0	12.1	10.2
Cleburne	33.2	24.2	24.3	24.8	22.0	17.4	19.0	15.9	14.3	14.8	9.9	9.7	13.6	9.7	10.8	10.4	8.6	8.4
Cleveland	--	29.3	20.9	25.2	16.1	19.5	--	21.5	15.3	17.5	12.4	13.6	--	12.6	9.1	17.9	5.4	10.1
Columbia	10.4	23.3	23.4	20.6	15.4	22.6	13.5	13.9	10.1	20.3	7.4	11.5	11.3	6.2	5.2	10.9	10.6	7.0
Conway	27.2	23.6	22.0	23.2	18.6	18.2	13.2	11.5	13.1	13.1	10.7	11.1	10.8	6.8	5.7	7.2	8.4	6.4
Craighead	20.6	19.4	18.8	17.7	15.4	15.0	12.2	12.2	11.4	11.2	10.5	10.0	6.1	6.2	5.6	6.8	5.6	5.6
Crawford	22.6	18.8	17.3	16.3	11.4	16.5	13.0	9.8	9.1	8.7	7.2	9.9	11.2	8.1	6.7	8.0	7.4	7.1
Crittenden	20.1	20.1	21.2	17.9	--	14.0	13.6	13.1	12.6	9.6	--	5.7	5.1	4.8	3.1	4.9	--	3.6
Cross	28.9	25.0	23.6	19.3	16.3	20.3	15.4	14.8	13.8	12.7	12.3	11.9	11.8	9.0	8.8	10.1	7.8	7.9
Dallas	26.6	22.7	18.2	22.2	14.9	22.3	19.3	12.0	11.4	13.6	11.4	10.2	6.2	7.5	4.1	6.4	7.5	9.0
Desha	29.2	--	19.1	22.3	15.6	19.4	15.4	--	9.1	11.7	10.1	9.4	6.6	--	3.7	5.0	4.2	4.2
Drew	19.6	17.4	18.5	15.8	15.6	17.1	11.5	11.4	10.3	9.0	10.7	10.0	10.2	6.7	9.2	5.6	6.9	6.2
Faulkner	31.3	21.2	22.0	20.8	14.0	17.1	16.8	11.6	11.9	10.9	8.5	8.3	14.0	10.1	7.3	7.2	6.0	5.2
Franklin	31.5	25.9	25.0	17.1	13.1	19.7	15.3	14.4	16.8	9.5	10.8	9.2	10.5	10.5	13.9	8.2	8.0	9.4
Fulton	22.6	23.7	25.4	16.2	16.8	13.5	13.5	16.0	14.1	14.9	14.9	9.1	11.1	14.2	12.8	10.8	12.4	11.0

** Cells containing the -- symbol indicate an area where data is not available due to the county not participating or not having enough data for that year.

Percentage of Youth Who Used Alcohol, Cigarettes or Smokeless Tobacco During the Past 30 Days by County, Cont.

County	Alcohol						Cigarettes						Smokeless Tobacco					
	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011
Garland	23.0	20.3	21.2	19.6	17.2	14.2	13.3	11.1	11.2	9.6	8.6	7.9	6.2	4.3	5.6	6.1	5.7	4.7
Grant	24.5	22.9	24.0	20.1	16.5	17.9	14.6	11.9	11.7	10.2	10.7	11.1	9.6	7.5	5.9	7.5	7.1	6.5
Greene	20.9	18.7	17.8	17.7	15.5	16.1	14.0	10.5	12.5	11.3	10.1	10.3	8.5	8.0	7.3	7.7	8.2	6.7
Hempstead	25.9	19.5	17.6	18.2	9.0	15.5	16.2	8.0	8.6	10.1	3.4	9.0	7.7	3.0	3.0	7.9	3.8	5.1
Hot Spring	23.0	20.7	22.8	21.3	18.9	16.7	14.7	12.3	12.8	11.8	11.4	8.8	11.9	9.6	11.6	9.5	8.2	6.6
Howard	19.5	21.3	18.9	19.6	17.3	18.4	10.6	10.3	12.0	11.0	10.5	11.7	7.2	7.0	10.0	9.7	8.2	9.4
Independence	22.7	19.2	20.9	22.0	18.6	16.7	13.5	12.1	13.3	12.7	11.1	10.2	7.5	8.4	8.9	12.9	8.5	9.1
Izard	20.2	24.4	22.7	20.0	18.8	14.9	13.9	14.7	14.8	14.8	9.7	7.5	7.4	14.2	8.5	11.7	11.7	10.4
Jackson	23.1	20.4	21.8	19.1	18.8	21.0	14.1	13.0	12.1	13.2	11.0	13.9	8.5	9.5	17.3	10.1	12.9	7.9
Jefferson	21.5	24.4	20.1	18.7	14.7	14.1	6.2	4.6	8.7	7.7	5.8	6.6	1.7	2.0	3.8	3.6	3.9	3.3
Johnson	20.8	23.7	26.2	18.3	15.5	13.3	8.8	10.0	14.2	9.7	9.1	7.4	7.7	9.7	15.5	7.5	5.8	6.0
Lafayette	23.7	27.6	20.7	22.2	18.9	25.0	14.3	16.1	11.4	16.6	8.5	14.9	9.6	7.7	7.9	6.8	6.3	8.9
Lawrence	21.0	21.7	20.8	22.7	18.0	18.2	15.7	13.9	15.1	16.1	14.1	15.0	10.6	9.8	12.6	12.8	11.1	12.0
Lee	13.3	12.5	9.7	17.2	11.6	3.6	7.2	4.5	7.1	3.3	4.3	1.2	1.9	1.4	3.2	1.1	2.1	1.2
Lincoln	21.0	27.3	16.8	18.8	16.5	18.2	11.2	14.5	11.4	9.6	10.0	8.0	8.7	9.3	5.3	8.3	5.6	11.0
Little River	24.9	17.7	27.3	22.8	23.0	26.0	10.9	6.8	12.0	8.0	10.5	13.0	6.4	4.7	6.4	5.9	7.7	9.7
Logan	22.5	21.0	21.7	20.2	15.7	19.2	13.6	13.3	12.0	9.5	9.3	8.8	11.2	9.0	8.0	8.0	8.0	6.3
Lonoke	24.3	21.0	19.5	19.5	16.1	17.1	11.3	10.4	11.0	9.3	8.3	8.5	6.5	5.5	4.9	5.9	5.4	4.8
Madison	23.3	20.8	23.0	23.0	20.6	23.2	13.7	13.8	13.8	11.0	12.7	13.0	11.8	11.7	9.9	10.2	9.9	13.4
Marion	21.3	21.1	21.5	22.6	16.7	19.4	15.4	11.6	13.6	20.8	15.2	15.2	11.4	9.1	5.6	10.8	13.3	9.0
Miller	20.6	20.3	18.2	21.0	16.3	19.4	11.2	12.2	9.4	12.2	9.2	11.6	7.7	6.6	5.2	7.6	5.0	7.4
Mississippi	19.4	16.2	15.7	15.2	13.1	11.6	14.8	10.1	10.7	9.1	8.7	8.2	5.0	3.9	5.0	3.7	4.1	4.0
Monroe	24.9	24.0	25.5	21.6	18.0	22.1	14.2	11.5	17.9	17.6	15.8	18.4	7.0	5.2	1.0	3.2	6.7	7.4
Montgomery	23.7	33.5	27.1	36.5	17.7	20.6	13.3	14.4	18.4	25.7	8.7	15.1	7.9	17.3	6.2	22.3	8.7	11.2
Nevada	22.0	15.0	20.9	19.1	17.0	17.9	12.8	11.4	10.4	7.4	11.1	9.7	8.3	5.0	7.1	4.8	6.7	3.8

** Cells containing the -- symbol indicate an area where data is not available due to the county not participating or not having enough data for that year.

Percentage of Youth Who Used Alcohol, Cigarettes or Smokeless Tobacco During the Past 30 Days by County, Cont.

County	Alcohol						Cigarettes						Smokeless Tobacco					
	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011
Newton	26.3	18.2	21.9	18.1	17.3	19.9	17.2	8.7	15.6	8.6	9.1	10.8	10.9	13.4	9.4	9.1	7.1	10.0
Ouachita	21.6	21.5	17.2	21.1	15.6	12.0	13.4	10.9	8.9	9.9	8.9	8.4	6.2	4.3	5.1	6.6	6.5	6.0
Perry	26.7	26.1	24.8	20.6	17.4	16.7	14.6	13.7	10.9	14.0	10.1	10.8	5.8	7.2	9.1	10.9	6.0	5.8
Phillips	--	11.4	17.0	15.9	18.1	14.1	--	4.9	6.0	5.6	7.1	7.4	--	1.1	2.2	2.8	3.6	4.4
Pike	19.9	22.9	16.9	20.4	12.7	15.6	13.0	13.8	10.0	8.2	7.8	8.4	9.6	8.2	11.8	7.3	9.6	9.7
Poinsett	27.1	22.7	21.1	21.8	18.6	15.6	17.2	16.1	15.7	16.2	15.7	13.2	6.7	8.1	7.1	8.8	9.4	7.3
Polk	20.6	19.3	21.9	20.8	17.7	19.5	11.0	10.9	13.2	10.9	11.4	10.1	7.3	6.1	8.9	7.4	7.3	8.8
Pope	20.4	20.9	19.2	18.0	14.8	13.7	9.2	10.6	9.4	11.5	9.9	8.1	4.8	6.5	4.3	6.7	5.7	5.4
Prairie	26.3	20.9	25.2	24.7	19.8	21.5	13.3	18.1	19.3	16.3	13.8	16.4	7.5	10.6	10.8	10.0	9.2	14.3
Pulaski	17.8	17.6	16.2	17.0	15.0	15.4	7.6	8.0	6.2	7.0	6.9	7.0	3.0	2.9	2.4	2.5	2.6	2.6
Randolph	31.0	24.4	21.9	20.8	15.8	18.8	15.4	14.4	14.4	15.2	11.1	11.9	13.8	12.6	10.0	12.0	10.8	8.5
Saint Francis	18.6	14.5	15.7	15.4	12.9	13.4	7.4	6.1	7.2	7.8	6.1	5.2	6.3	2.7	2.8	4.2	2.7	2.7
Saline	22.2	22.8	20.6	18.7	19.2	16.7	11.1	14.0	12.8	11.7	10.3	9.7	8.1	7.4	6.7	6.2	6.6	5.4
Scott	22.1	27.5	21.2	21.2	24.8	20.4	17.6	16.0	14.8	12.2	20.6	9.5	10.5	13.4	8.4	10.7	14.5	12.6
Searcy	26.8	18.4	29.5	15.7	13.6	18.7	21.6	17.2	22.9	14.0	13.4	12.8	14.4	10.8	11.7	8.1	8.6	9.9
Sebastian	22.3	22.3	20.0	21.3	17.9	17.7	10.9	9.8	9.6	8.9	8.8	8.1	5.7	4.3	4.0	3.3	5.1	3.6
Sevier	25.7	21.2	18.5	25.9	21.5	23.3	12.9	10.6	10.4	11.2	10.1	11.7	8.5	8.0	8.5	9.2	9.6	8.0
Sharp	22.9	25.6	20.3	25.7	11.5	19.7	15.3	17.9	15.1	16.2	7.3	15.3	14.0	14.6	12.2	14.2	9.1	14.0
Stone	19.4	14.8	15.8	18.3	13.0	19.4	15.7	14.0	12.5	13.5	11.3	12.5	13.9	11.5	8.2	9.4	9.3	6.0
Union	20.1	21.7	22.7	21.6	19.8	19.1	12.1	11.3	10.7	11.2	10.9	9.3	7.8	5.2	5.3	6.5	6.8	5.8
Van Buren	26.8	27.2	23.4	23.4	14.5	18.6	17.6	15.4	13.8	15.8	10.7	11.2	10.2	7.6	8.7	13.2	8.7	11.6
Washington	20.8	17.1	18.1	17.4	15.3	14.6	9.8	7.9	8.1	7.7	7.8	6.6	5.6	4.1	4.6	3.8	4.3	3.9
White	26.0	23.2	22.7	17.9	17.7	17.5	16.7	13.2	12.3	10.4	11.1	10.5	12.9	8.3	8.2	6.5	7.6	7.1
Woodruff	16.8	17.9	13.7	18.0	13.9	20.5	10.8	14.3	10.0	9.3	9.8	9.3	7.8	4.8	5.0	6.5	4.5	5.3
Yell	18.9	19.7	21.2	18.1	19.2	16.7	10.4	9.6	7.5	8.0	6.9	8.7	4.8	8.4	7.6	5.7	7.0	8.1

** Cells containing the -- symbol indicate an area where data is not available due to the county not participating or not having enough data for that year.

Percentage of Youth Who Used Marijuana, Inhalants or Hallucinogens During the Past 30 Days by County

County	Marijuana						Inhalants						Hallucinogens					
	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011
Arkansas	9.4	5.6	--	4.3	7.9	13.4	6.4	4.2	--	3.7	1.7	3.5	0.9	0.3	--	0.3	0.0	0.0
Ashley	8.1	6.6	7.1	6.3	7.0	5.4	4.1	4.6	5.6	4.2	3.4	3.9	1.2	0.1	0.5	0.3	0.4	0.3
Baxter	8.9	6.3	8.6	5.8	8.0	6.0	4.5	3.0	6.0	3.9	2.6	3.6	1.4	0.7	0.6	1.1	0.4	0.7
Benton	8.7	6.4	5.4	6.5	6.0	6.1	6.4	4.1	3.4	3.4	2.8	2.3	1.6	0.7	0.5	0.5	0.4	0.4
Boone	6.2	5.6	5.5	8.0	7.4	5.3	5.3	4.9	5.3	4.0	3.2	2.7	0.6	0.5	0.4	0.4	0.7	0.2
Bradley	8.0	4.6	10.1	3.0	4.8	5.8	4.3	4.1	5.2	4.4	1.5	2.9	0.3	0.3	0.2	0.0	0.0	0.0
Calhoun	5.9	--	6.6	3.8	10.9	4.0	4.8	--	6.6	6.4	4.2	9.1	0.5	--	0.0	0.6	0.8	0.0
Carroll	10.0	9.0	8.6	7.0	10.2	8.0	5.4	6.4	6.5	4.5	3.7	1.9	1.6	0.6	0.5	0.7	0.3	0.5
Chicot	9.2	5.0	7.7	15.0	7.8	3.8	1.6	1.9	4.0	4.1	4.7	5.2	1.0	0.0	0.0	0.0	0.0	0.4
Clark	5.0	6.8	4.8	3.4	5.4	3.5	3.9	5.1	3.7	5.8	1.0	4.5	0.8	0.1	0.0	0.2	0.0	0.0
Clay	6.9	8.3	5.1	7.7	6.6	5.5	4.4	5.7	3.7	8.0	3.0	2.8	1.5	0.2	0.3	0.6	0.7	0.0
Cleburne	13.4	8.0	8.5	7.0	6.1	6.8	6.3	3.8	3.0	3.4	3.1	3.5	1.7	0.5	0.3	0.1	0.4	1.1
Cleveland	--	5.9	3.6	6.6	4.2	3.8	--	4.5	2.6	2.2	2.1	1.5	--	0.0	0.0	0.0	0.0	0.0
Columbia	0.0	6.1	7.4	7.5	6.6	7.0	2.9	4.8	4.3	8.5	3.3	5.1	0.0	0.0	0.1	0.0	0.0	0.3
Conway	12.7	8.0	9.4	8.7	6.4	7.9	5.3	3.0	5.4	4.9	4.7	3.3	0.7	0.1	0.7	0.2	0.3	0.1
Craighead	7.1	6.1	5.9	6.6	6.6	6.2	5.0	4.9	3.4	3.6	2.6	2.7	0.9	0.7	0.6	0.3	0.3	0.5
Crawford	8.3	5.8	5.1	4.7	3.9	7.8	5.1	4.6	4.4	5.2	3.2	2.4	1.2	0.5	0.5	0.3	0.4	0.3
Crittenden	9.0	10.0	7.2	7.7	--	6.0	4.2	4.0	3.6	2.4	--	2.4	1.0	0.5	0.6	0.5	--	0.4
Cross	10.0	9.1	7.2	5.1	7.6	8.5	6.8	7.1	5.1	3.8	6.2	3.9	1.3	0.1	0.7	0.3	0.2	0.4
Dallas	8.9	6.0	6.3	10.0	3.3	7.1	8.9	3.7	4.0	5.0	5.1	2.7	1.9	0.0	0.4	0.0	0.0	0.5
Desha	6.9	--	6.3	7.6	5.2	5.8	3.1	--	3.1	5.0	3.4	4.9	0.0	--	0.6	0.0	0.0	0.0
Drew	5.6	4.1	3.7	4.0	5.1	8.3	3.4	3.2	3.1	4.3	3.3	4.9	0.7	0.0	0.0	0.7	0.2	0.5
Faulkner	9.4	4.4	8.0	8.5	6.2	8.0	5.1	5.5	3.6	4.2	3.0	2.7	1.3	0.5	0.5	0.4	0.6	0.7
Franklin	8.7	7.0	9.5	7.0	4.1	5.1	3.7	2.8	6.0	3.9	2.1	2.5	1.3	0.6	0.8	0.2	0.2	0.2
Fulton	4.5	4.0	4.2	4.4	5.0	3.9	6.2	8.6	2.6	3.4	5.5	1.7	0.6	0.3	0.6	0.9	0.8	0.3

** Cells containing the -- symbol indicate an area where data is not available due to the county not participating or not having enough data for that year.

Percentage of Youth Who Used Marijuana, Inhalants or Hallucinogens During the Past 30 Days by County, Cont.

County	Marijuana						Inhalants						Hallucinogens					
	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011
Garland	9.8	9.8	7.6	8.5	7.3	6.2	6.5	4.8	4.1	4.7	3.3	4.0	1.1	0.7	0.7	0.5	0.4	0.4
Grant	10.0	6.1	8.0	5.6	6.5	6.7	5.4	4.4	4.4	3.8	3.2	2.3	1.4	0.5	0.9	0.8	0.4	0.2
Greene	6.9	5.6	5.7	6.6	6.3	6.1	5.5	5.2	5.5	4.8	3.9	5.0	0.7	0.5	0.5	0.2	0.3	0.8
Hempstead	7.1	7.2	5.7	4.4	1.0	6.4	5.9	4.3	4.8	4.1	2.3	4.0	1.3	0.3	0.3	0.0	0.3	0.0
Hot Spring	7.9	6.4	6.7	8.4	7.6	7.2	5.1	6.0	6.3	5.0	4.1	2.8	0.9	0.2	0.3	0.7	0.3	0.3
Howard	3.2	6.4	5.9	4.7	4.5	7.7	7.6	3.4	4.0	4.3	3.5	2.3	1.4	0.0	0.3	0.2	0.3	0.0
Independence	6.9	4.1	5.2	5.0	5.1	4.7	3.6	3.6	3.8	4.6	4.2	3.1	0.6	0.2	0.5	0.2	0.3	0.1
Izard	4.1	5.2	4.1	5.1	4.6	4.4	3.5	5.5	5.1	5.6	5.4	3.1	0.3	0.3	0.2	0.5	0.0	0.5
Jackson	5.8	4.0	4.4	5.0	5.5	8.3	3.0	4.6	6.7	6.2	3.6	5.2	0.4	0.0	0.9	0.8	0.0	0.7
Jefferson	10.6	9.5	7.4	6.9	4.1	5.3	3.6	3.5	4.3	3.3	2.7	3.3	1.0	0.3	0.2	0.1	0.0	0.2
Johnson	6.2	6.6	6.0	7.6	6.1	5.7	4.7	5.0	9.3	4.7	2.9	3.2	0.8	0.5	1.3	0.3	0.4	0.2
Lafayette	8.6	6.7	2.9	6.5	3.1	4.2	4.3	3.2	6.2	3.0	5.5	4.2	0.0	0.4	0.5	0.9	0.0	0.6
Lawrence	7.1	6.5	5.1	4.6	4.9	5.4	5.1	3.7	3.3	3.6	4.2	3.4	1.8	0.4	0.6	0.6	0.5	0.3
Lee	2.8	5.5	4.8	5.2	4.7	1.2	2.4	3.4	2.4	4.7	1.2	2.5	0.0	0.0	0.0	0.5	0.0	0.0
Lincoln	9.0	7.8	5.1	4.7	6.7	5.3	2.6	3.5	2.8	5.6	3.9	3.3	0.5	0.3	0.0	0.3	0.0	0.0
Little River	7.3	3.6	8.1	5.6	4.7	5.9	5.7	3.2	6.1	4.8	3.2	6.1	0.8	0.4	1.2	0.4	0.2	0.0
Logan	5.6	5.0	5.6	4.1	4.3	4.4	4.1	4.2	5.6	5.7	2.8	3.3	0.7	0.1	1.0	0.3	0.4	0.0
Lonoke	8.8	7.7	6.6	8.2	5.5	8.3	4.5	4.2	4.4	3.3	2.5	2.8	1.0	0.4	0.5	0.6	0.5	0.5
Madison	8.3	7.0	8.1	8.3	12.9	8.8	4.6	3.2	4.6	3.9	3.6	3.2	1.6	1.1	1.5	0.8	0.3	0.2
Marion	7.1	7.7	5.7	6.7	4.1	8.4	8.0	4.4	3.8	4.8	2.1	2.1	0.4	0.0	0.0	0.5	0.0	0.5
Miller	7.8	9.1	6.5	9.3	7.9	8.4	3.9	3.7	5.8	5.2	3.9	3.6	1.5	0.6	0.4	0.7	0.4	0.4
Mississippi	8.9	6.3	4.1	6.0	6.1	6.1	4.7	3.3	4.1	3.9	3.6	3.6	1.1	0.3	0.2	0.1	0.2	0.2
Monroe	8.5	12.1	7.1	7.2	4.1	11.0	5.1	4.1	9.2	1.6	3.2	1.5	0.0	0.0	0.0	0.8	0.0	0.0
Montgomery	4.8	6.5	8.0	9.5	6.6	4.7	4.8	7.9	3.5	2.6	3.5	3.7	0.9	0.0	0.9	0.9	0.0	0.9
Nevada	6.1	4.2	5.3	3.2	5.5	5.9	8.5	3.1	7.6	1.8	5.8	4.1	1.4	0.7	0.0	0.0	0.3	0.6

** Cells containing the -- symbol indicate an area where data is not available due to the county not participating or not having enough data for that year.

Percentage of Youth Who Used Marijuana, Inhalants or Hallucinogens During the Past 30 Days by County, Cont.

County	Marijuana						Inhalants						Hallucinogens					
	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011
Newton	13.0	4.7	6.2	7.6	4.1	6.0	5.6	5.7	3.1	4.7	3.7	2.6	1.1	0.0	0.0	0.8	0.4	0.4
Ouachita	9.6	6.0	4.9	6.9	6.4	6.1	3.9	3.7	3.1	3.7	3.1	2.1	0.7	0.4	0.1	0.1	0.1	0.4
Perry	5.8	5.0	3.2	4.3	4.8	6.4	5.0	4.1	6.5	2.9	1.0	1.1	0.5	0.2	0.2	0.0	0.0	0.3
Phillips	--	7.2	5.1	4.8	7.5	4.4	--	2.1	3.2	3.8	2.7	3.0	--	0.5	0.6	0.5	0.3	0.9
Pike	5.1	5.7	4.9	5.6	3.8	3.1	6.2	5.5	3.6	5.1	3.8	4.6	0.3	0.2	0.4	0.0	0.2	0.0
Poinsett	8.3	7.7	5.7	5.4	7.8	6.3	6.0	6.3	4.4	4.4	4.0	1.4	0.7	0.3	0.2	0.0	0.5	0.1
Polk	6.3	4.3	6.9	8.5	7.5	7.1	4.3	5.4	7.2	4.2	4.0	3.2	0.7	0.1	0.1	1.2	0.3	0.3
Pope	8.0	7.6	7.6	8.1	6.7	6.2	4.3	4.4	3.8	4.2	3.2	2.9	0.7	0.6	0.5	0.5	0.2	0.5
Prairie	5.1	7.5	6.5	8.6	5.2	3.8	2.9	2.9	7.5	5.8	4.1	4.5	0.0	0.0	1.0	0.0	0.3	1.5
Pulaski	8.9	8.1	7.8	9.0	10.1	9.9	3.1	4.1	4.6	4.2	3.9	3.5	1.0	0.7	0.6	0.4	0.4	0.5
Randolph	8.9	5.1	4.9	4.9	3.2	5.8	6.4	5.0	5.5	4.7	3.0	3.5	0.9	0.2	0.0	0.6	0.2	0.0
Saint Francis	7.4	3.7	5.7	6.1	5.6	5.6	1.0	2.0	2.9	3.3	2.5	3.0	1.0	0.0	0.3	0.0	0.0	0.2
Saline	7.0	8.7	7.5	9.7	8.1	8.2	3.5	4.5	2.4	3.5	3.0	2.4	0.8	0.9	1.2	1.0	0.4	0.7
Scott	8.5	7.3	3.0	6.4	7.8	7.0	7.0	5.6	4.1	7.9	4.7	4.8	2.0	1.1	0.3	0.6	0.0	0.6
Searcy	10.4	4.5	7.8	5.8	6.6	6.8	5.5	2.2	4.5	2.4	4.8	2.1	2.0	0.5	0.6	0.0	0.9	0.3
Sebastian	9.5	9.6	8.1	10.4	8.8	9.8	4.5	4.1	3.9	4.1	3.3	2.9	1.3	1.1	0.9	0.7	0.9	0.8
Sevier	8.7	3.7	5.2	5.5	6.0	8.6	6.2	4.3	4.2	4.1	1.4	3.8	2.2	0.2	0.2	0.1	0.2	0.6
Sharp	5.8	4.4	7.9	6.0	3.2	8.6	6.8	6.4	3.3	7.2	5.9	3.4	0.5	0.4	0.3	0.4	0.4	0.7
Stone	8.2	4.3	2.8	5.8	5.4	9.7	5.2	8.7	2.8	5.8	3.6	1.6	1.0	0.9	0.6	0.0	0.5	0.3
Union	8.6	7.5	5.5	6.4	8.2	7.2	3.9	4.0	4.7	4.8	3.9	4.0	1.3	0.5	0.3	0.6	0.1	0.2
Van Buren	11.6	7.8	8.9	10.1	6.3	8.7	6.3	6.0	3.7	5.4	2.5	4.5	1.2	0.8	0.4	0.6	0.4	0.2
Washington	7.1	5.8	6.6	7.2	7.9	7.6	4.4	4.1	3.7	4.1	2.8	2.7	1.0	0.4	0.6	0.5	0.6	0.4
White	7.7	6.0	6.6	4.9	6.2	6.8	6.7	4.3	4.9	5.1	3.4	3.6	0.7	0.4	0.7	0.4	0.2	0.1
Woodruff	6.9	6.4	2.5	2.8	2.9	6.6	3.5	6.1	3.3	3.7	2.0	6.0	0.4	0.4	0.0	0.0	0.0	0.0
Yell	7.5	7.1	4.0	4.2	4.4	4.7	2.3	2.6	3.1	3.0	3.6	2.7	0.9	0.8	0.1	0.3	0.2	0.4

** Cells containing the -- symbol indicate an area where data is not available due to the county not participating or not having enough data for that year.

Percentage of Youth Who Used Cocaine, Methamphetamines or Stimulants During the Past 30 Days by County

County	Cocaine						Methamphetamines						Stimulants					
	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011
Arkansas	1.4	0.3	--	0.3	0.6	0.3	0.9	0.0	--	0.0	0.0	0.3	2.3	1.4	--	0.0	0.9	0.7
Ashley	1.5	0.1	0.6	0.4	0.3	0.8	1.4	0.4	0.5	0.1	0.3	0.5	3.3	1.8	1.3	0.9	0.4	1.0
Baxter	1.0	0.4	0.8	0.2	0.3	0.5	1.0	0.4	1.0	0.8	0.4	0.1	1.5	0.6	1.4	2.1	1.0	1.4
Benton	2.0	0.6	0.4	0.4	0.2	0.3	1.2	0.6	0.4	0.3	0.2	0.3	2.8	1.5	1.0	1.1	0.5	0.6
Boone	0.6	0.4	0.5	0.2	0.5	0.2	0.5	0.3	0.7	0.4	0.7	0.3	1.9	0.8	0.6	1.1	0.6	0.8
Bradley	0.9	0.0	0.5	0.9	0.0	0.0	1.9	0.3	0.0	0.3	0.3	0.0	1.9	0.5	1.5	0.9	0.6	0.0
Calhoun	0.5	--	0.6	0.0	0.0	0.0	0.5	--	0.0	0.0	0.9	0.0	2.2	--	0.0	0.6	3.4	0.0
Carroll	1.7	0.5	0.5	0.4	0.4	0.0	1.6	0.8	0.7	0.3	0.3	0.0	1.2	1.9	0.7	0.5	0.6	0.6
Chicot	0.6	0.5	0.6	0.8	1.6	0.9	0.6	0.0	0.0	0.4	0.0	0.4	1.6	0.0	0.3	0.0	0.0	0.9
Clark	0.5	0.4	0.4	0.4	0.3	0.0	0.8	0.1	0.0	0.2	0.0	0.0	0.8	0.7	0.6	0.8	1.0	1.2
Clay	0.7	0.7	0.5	0.3	0.0	1.0	0.7	0.3	0.2	0.5	0.0	0.8	1.0	1.5	0.9	1.4	0.4	0.2
Cleburne	1.0	0.9	0.0	0.5	0.3	0.5	1.0	0.5	0.0	0.1	0.1	0.3	2.8	0.9	0.7	0.9	0.5	1.1
Cleveland	--	0.0	0.0	0.0	0.0	0.0	--	0.0	0.0	0.0	0.0	0.0	--	1.4	0.0	0.0	0.0	0.0
Columbia	1.5	0.0	0.4	0.8	0.0	0.7	0.0	0.7	1.0	0.0	1.1	0.1	0.0	2.7	0.3	0.8	2.2	0.6
Conway	0.5	0.3	0.3	0.8	0.1	0.0	0.5	0.3	0.5	0.5	0.3	0.7	1.9	0.3	0.7	0.6	0.9	1.3
Craighead	1.7	0.9	0.5	0.3	0.4	0.2	1.2	0.4	0.3	0.2	0.1	0.1	2.1	1.1	1.2	0.9	0.5	1.0
Crawford	1.0	0.5	0.5	0.3	0.4	0.3	1.0	0.5	0.3	0.4	0.6	0.4	2.2	1.1	0.9	0.8	0.5	0.7
Crittenden	0.7	0.7	0.4	0.7	--	0.1	0.2	0.5	0.3	0.2	--	0.1	1.9	1.2	1.6	0.6	--	0.7
Cross	1.5	0.6	0.4	0.2	0.6	0.7	1.6	0.7	0.4	0.5	0.3	0.1	2.2	1.9	2.2	1.5	1.3	1.0
Dallas	0.5	0.4	0.0	0.9	0.0	0.5	1.4	0.0	0.5	0.5	0.0	0.0	0.9	0.4	0.0	0.5	0.0	0.6
Desha	0.0	--	0.3	0.2	0.2	0.0	0.0	--	0.3	0.0	0.0	0.2	1.7	--	1.1	0.3	0.0	0.2
Drew	1.7	0.3	0.0	0.5	0.2	1.0	1.5	0.0	0.0	0.3	0.0	0.5	0.7	0.6	0.2	1.0	0.3	1.9
Faulkner	1.8	0.7	0.8	0.5	0.5	0.5	1.9	0.5	0.4	0.4	0.3	0.4	2.7	0.8	1.5	0.9	0.6	1.3
Franklin	1.6	0.6	0.3	0.2	0.0	0.2	1.9	1.1	0.3	0.5	0.2	0.0	1.0	1.3	0.8	1.3	1.0	0.8
Fulton	1.2	0.5	0.3	1.6	0.3	0.8	0.3	0.3	0.0	0.9	0.0	0.0	1.2	0.5	0.3	0.3	0.3	0.3

** Cells containing the -- symbol indicate an area where data is not available due to the county not participating or not having enough data for that year.

Percentage of Youth Who Used Cocaine, Methamphetamines or Stimulants During the Past 30 Days by County, Cont.

County	Cocaine						Methamphetamines						Stimulants					
	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011
Garland	1.1	0.6	0.5	0.4	0.4	0.2	1.0	0.6	0.5	0.3	0.3	0.4	2.9	1.6	1.1	1.2	1.2	1.0
Grant	1.7	0.5	1.0	0.3	0.9	0.3	1.3	0.4	0.5	0.3	0.3	0.3	3.7	1.1	2.3	1.3	1.7	0.8
Greene	0.9	0.5	0.1	0.4	0.4	0.5	0.7	0.1	0.1	0.7	0.3	0.7	1.3	1.0	1.1	0.7	0.9	0.9
Hempstead	1.7	0.6	0.3	0.4	0.0	0.4	1.3	0.3	0.1	0.0	0.6	0.0	0.8	0.3	0.3	0.0	0.6	0.4
Hot Spring	1.3	0.7	0.3	0.4	0.2	0.7	0.8	0.5	0.4	0.2	0.3	0.3	1.2	0.2	1.5	1.3	0.8	0.8
Howard	1.6	0.0	0.2	0.2	0.3	0.4	0.7	0.0	0.5	0.0	0.2	0.2	1.4	0.1	0.6	0.0	0.0	0.5
Independence	1.3	0.7	0.7	0.5	0.4	0.1	1.2	0.3	0.8	0.5	0.3	0.2	1.3	0.5	0.5	1.0	0.3	0.6
Izard	0.9	0.3	0.2	0.2	0.3	0.5	1.2	0.6	0.2	0.5	0.3	0.0	1.5	0.6	0.5	0.5	0.0	0.8
Jackson	1.6	0.4	0.2	0.2	0.2	0.7	0.4	0.2	0.7	0.4	0.5	0.4	1.0	0.2	0.7	1.0	0.5	0.7
Jefferson	1.3	0.4	0.4	0.4	0.1	0.2	1.2	0.3	0.4	0.3	0.1	0.0	0.9	0.1	0.5	0.8	0.4	0.5
Johnson	0.3	0.4	0.7	0.3	0.8	0.1	0.6	0.2	1.3	0.3	0.3	0.1	0.8	0.6	2.0	0.4	0.6	0.2
Lafayette	0.4	0.4	0.5	0.9	0.0	0.6	0.9	0.4	0.0	0.9	0.0	0.6	1.3	1.2	0.0	1.3	0.0	0.6
Lawrence	1.7	0.7	0.6	0.8	0.5	0.0	1.5	0.3	0.6	0.5	0.4	0.1	2.3	0.3	0.7	0.5	0.1	0.3
Lee	0.9	0.3	0.0	0.5	1.2	0.0	0.5	0.0	0.0	0.5	0.0	0.0	1.4	0.3	0.0	0.0	1.2	1.2
Lincoln	1.0	0.9	0.3	0.0	0.5	0.0	0.3	0.3	0.3	0.0	0.0	0.6	1.3	0.6	0.5	0.3	0.3	0.0
Little River	1.0	0.6	0.2	0.0	0.5	0.2	0.8	0.6	1.0	0.0	0.2	0.2	1.5	0.6	1.4	0.4	0.9	0.4
Logan	0.8	0.3	1.1	0.3	0.3	0.0	1.3	0.0	0.2	0.3	0.1	0.0	0.6	0.4	1.3	0.7	0.6	0.0
Lonoke	0.9	0.4	0.7	0.4	0.3	0.4	1.2	0.4	0.2	0.4	0.2	0.4	1.9	1.2	1.0	1.4	0.6	0.9
Madison	1.4	1.1	1.0	0.2	0.3	0.4	2.0	0.9	1.0	0.6	0.2	0.0	1.6	2.0	0.4	0.4	0.5	0.7
Marion	1.1	0.0	0.3	0.5	1.4	0.3	0.2	0.8	0.8	0.5	0.7	0.3	1.3	0.8	0.8	2.0	0.0	0.8
Miller	1.3	0.5	0.2	0.1	0.3	0.4	0.9	0.6	0.1	0.2	0.3	0.3	1.1	0.9	1.2	0.5	0.9	1.0
Mississippi	1.2	0.4	0.1	0.3	0.6	0.4	1.4	0.5	0.1	0.2	0.3	0.3	1.5	0.4	0.6	0.6	0.4	0.7
Monroe	0.3	2.0	0.0	0.0	0.0	1.5	1.0	0.0	0.0	0.0	0.0	0.0	2.4	1.0	0.0	0.0	0.8	0.0
Montgomery	0.9	0.0	0.0	0.0	0.0	0.9	0.9	0.0	0.4	0.9	0.0	0.9	2.6	1.0	0.9	0.9	0.0	0.9
Nevada	1.7	1.0	0.0	0.0	0.3	0.3	1.7	1.1	1.3	0.3	0.3	0.3	2.4	1.1	1.3	0.9	0.0	0.9

** Cells containing the -- symbol indicate an area where data is not available due to the county not participating or not having enough data for that year.

Percentage of Youth Who Used Cocaine, Methamphetamines or Stimulants During the Past 30 Days by County, Cont.

County	Cocaine						Methamphetamines						Stimulants					
	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011
Newton	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.0	0.6	0.0	0.0	1.3	0.8	1.1
Ouachita	0.5	0.8	0.7	0.2	0.3	0.3	0.8	0.1	0.1	0.6	0.1	0.4	1.2	0.6	0.6	1.4	0.7	0.1
Perry	0.8	0.7	0.2	0.5	0.0	0.3	0.8	0.2	0.0	0.0	0.3	0.6	1.8	0.5	1.2	0.7	1.0	0.8
Phillips	--	0.0	0.2	0.5	0.0	0.3	--	0.0	0.2	0.1	0.3	0.2	--	0.3	0.2	0.8	0.5	0.3
Pike	0.3	0.2	0.0	0.2	0.2	0.0	0.5	0.5	0.0	0.2	0.0	0.0	1.6	0.7	0.8	0.4	0.2	0.2
Poinsett	0.6	0.1	0.1	0.8	0.3	0.5	1.4	0.4	0.6	0.4	0.5	0.4	2.6	1.2	1.0	1.2	0.5	0.1
Polk	0.8	0.6	0.7	0.7	0.1	0.4	0.7	0.3	0.4	0.5	0.4	0.3	0.4	0.6	0.5	0.5	0.7	1.5
Pope	0.9	0.5	0.3	0.5	0.2	0.2	0.7	0.2	0.2	0.7	0.2	0.3	0.7	1.2	0.6	1.6	0.6	0.6
Prairie	0.0	0.0	1.0	0.3	0.0	0.7	0.0	0.0	2.1	1.0	0.0	0.8	0.0	0.6	1.4	1.0	0.3	0.8
Pulaski	0.9	0.6	0.3	0.5	0.5	0.4	0.7	0.4	0.3	0.4	0.2	0.4	1.3	0.8	0.7	0.9	0.6	0.7
Randolph	2.3	0.5	0.2	0.4	0.8	1.2	0.7	0.4	0.4	1.2	1.1	0.2	2.1	1.1	0.4	1.4	1.1	0.5
Saint Francis	1.0	0.0	0.1	0.1	0.0	0.4	1.0	0.0	0.1	0.1	0.2	0.0	0.0	0.7	0.1	0.5	0.4	0.0
Saline	1.0	0.4	0.3	0.5	0.4	0.3	0.5	0.4	0.3	0.3	0.4	0.2	1.6	1.9	2.1	1.8	2.0	0.9
Scott	1.4	0.6	0.3	0.6	0.0	0.3	2.5	0.6	1.1	0.6	0.0	0.6	3.1	0.6	0.3	0.3	0.8	0.3
Searcy	1.4	0.7	0.0	0.0	0.6	0.6	1.4	0.7	0.3	0.6	0.3	0.6	1.1	0.7	1.8	0.9	0.9	1.2
Sebastian	2.0	0.6	0.6	0.5	0.3	0.5	1.5	0.6	0.6	0.5	0.5	0.5	1.9	1.0	1.0	1.2	0.8	0.8
Sevier	3.0	0.2	1.0	0.1	0.5	1.5	2.7	0.3	0.8	0.4	0.3	1.4	1.5	1.0	0.0	0.8	0.9	0.3
Sharp	0.8	0.4	0.4	0.6	0.4	0.2	0.8	1.1	0.4	0.7	0.6	0.9	1.8	0.9	0.4	0.7	1.2	0.9
Stone	1.0	0.9	0.6	0.0	0.5	0.0	0.3	0.3	0.3	0.3	0.3	0.0	1.4	1.2	0.8	1.0	0.3	1.3
Union	1.6	0.4	0.3	0.5	0.1	0.2	1.2	0.4	0.3	0.3	0.2	0.1	1.4	0.6	0.7	1.3	0.6	0.4
Van Buren	1.4	0.8	0.8	0.6	0.2	0.0	2.2	1.2	0.6	0.6	0.2	0.0	2.6	1.0	0.6	1.8	0.2	0.7
Washington	1.4	0.5	0.4	0.6	0.5	0.2	1.2	0.5	0.3	0.4	0.4	0.2	1.8	0.7	0.9	0.9	0.8	0.6
White	1.1	0.5	0.3	0.4	0.3	0.3	1.3	0.4	0.4	0.5	0.1	0.4	1.7	1.1	0.9	0.8	0.6	1.0
Woodruff	0.4	0.4	0.4	0.4	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.9	1.1	0.4	0.4	0.0	0.7
Yell	0.5	0.6	0.1	0.1	0.1	0.4	0.5	0.3	0.1	0.3	0.5	0.6	1.1	1.1	0.8	1.1	0.3	0.4

** Cells containing the -- symbol indicate an area where data is not available due to the county not participating or not having enough data for that year.

Percentage of Youth Who Used Sedatives, Ecstasy or Heroin During the Past 30 Days by County

County	Sedatives						Ecstasy						Heroin					
	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011
Arkansas	5.8	4.2	--	3.7	2.8	4.8	0.7	0.1	--	0.3	0.3	0.7	0.7	0.1	--	0.0	0.0	0.0
Ashley	6.7	6.7	6.4	5.3	4.5	4.1	1.9	0.6	0.1	0.8	0.3	1.3	0.5	0.0	0.0	0.1	0.0	0.0
Baxter	7.5	5.6	7.2	6.0	5.9	4.2	0.8	0.4	1.1	0.7	0.4	0.8	0.7	0.2	0.7	0.6	0.3	0.4
Benton	6.8	5.6	4.3	5.1	3.5	3.6	1.3	0.7	0.3	0.3	0.3	0.4	0.9	0.4	0.2	0.3	0.2	0.2
Boone	5.9	5.9	6.1	5.1	4.7	3.9	0.8	0.5	0.9	0.4	0.7	0.2	0.5	0.2	0.2	0.2	0.4	0.1
Bradley	7.1	3.4	5.0	4.7	2.7	3.2	1.2	0.3	0.5	0.3	0.6	0.0	0.6	0.0	0.2	0.3	0.3	0.0
Calhoun	4.3	--	5.4	5.8	6.8	8.1	0.5	--	1.2	0.0	0.0	0.0	0.5	--	0.0	0.0	0.0	0.0
Carroll	7.5	7.0	4.6	4.8	4.4	3.6	1.2	0.1	0.9	0.0	0.5	0.3	1.5	0.3	0.5	0.3	0.5	0.3
Chicot	5.8	2.8	4.0	9.4	1.6	4.8	1.3	0.0	0.0	2.2	1.6	0.4	1.0	0.0	0.0	0.0	0.0	0.0
Clark	6.4	6.2	3.7	4.9	4.2	4.3	1.1	0.4	0.4	0.2	0.0	0.0	0.3	0.1	0.0	0.2	0.0	0.0
Clay	8.0	7.7	5.6	7.0	5.4	4.0	0.2	0.7	0.6	0.6	0.4	0.0	0.0	0.0	0.5	0.3	0.4	0.3
Cleburne	10.4	7.1	7.0	5.5	4.4	3.5	1.3	1.0	0.5	0.7	0.3	0.5	1.0	0.3	0.0	0.4	0.1	0.6
Cleveland	--	5.4	3.3	8.0	4.2	1.5	--	0.9	0.0	0.0	0.7	0.3	--	0.6	0.0	0.0	0.0	0.0
Columbia	1.5	6.8	5.7	7.8	4.4	5.7	1.5	0.0	0.5	0.0	1.1	0.5	0.0	0.0	0.4	0.0	0.0	0.6
Conway	6.6	4.3	5.9	5.3	5.3	5.4	0.5	0.6	1.0	0.6	0.6	0.0	0.0	0.0	0.3	0.0	0.1	0.0
Craighead	7.0	5.1	6.3	5.4	4.5	4.5	1.1	0.7	0.6	0.4	0.4	0.3	0.7	0.3	0.4	0.4	0.2	0.3
Crawford	9.2	6.6	5.1	4.7	4.0	4.3	1.2	1.6	0.8	0.8	0.6	0.6	1.0	0.2	0.4	0.1	0.3	0.2
Crittenden	7.0	5.8	4.6	5.2	--	3.9	1.2	0.9	0.8	0.6	--	0.1	0.0	0.4	0.2	0.2	--	0.4
Cross	9.6	7.0	6.1	6.1	5.3	6.7	1.7	1.3	0.6	0.2	0.2	0.6	1.0	0.1	0.3	0.2	0.2	0.3
Dallas	9.3	5.3	6.4	6.3	3.9	4.9	2.3	0.0	0.0	0.5	0.0	0.0	0.5	0.0	0.0	0.5	0.0	0.0
Desha	5.9	--	6.0	5.2	2.6	4.7	1.0	--	0.3	0.0	0.2	0.0	0.3	--	0.3	0.0	0.0	0.2
Drew	4.9	3.7	3.2	3.7	3.5	5.3	1.9	0.2	0.3	0.7	0.3	0.0	0.7	0.2	0.0	0.5	0.3	0.0
Faulkner	10.0	4.2	5.5	5.4	4.2	4.6	1.3	0.2	0.5	0.8	0.7	0.6	1.0	0.1	0.6	0.4	0.2	0.3
Franklin	7.7	8.0	6.7	5.4	3.8	2.5	1.0	1.3	1.5	0.7	0.3	0.4	0.5	0.1	0.3	0.0	0.2	0.0
Fulton	6.5	3.7	5.2	2.5	1.9	3.6	0.9	0.0	0.0	0.0	0.0	0.0	0.6	0.5	0.0	0.6	0.3	0.0

** Cells containing the -- symbol indicate an area where data is not available due to the county not participating or not having enough data for that year.

Percentage of Youth Who Used Sedatives, Ecstasy or Heroin During the Past 30 Days by County, Cont.

County	Sedatives						Ecstasy						Heroin					
	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011
Garland	8.8	7.5	6.4	5.8	5.4	5.1	1.6	1.3	0.7	0.5	0.3	0.6	0.8	0.6	0.5	0.4	0.2	0.2
Grant	11.3	5.9	7.3	5.9	5.6	5.3	1.7	0.7	1.0	0.9	0.7	0.1	0.6	0.5	0.6	0.2	0.4	0.3
Greene	8.4	6.8	5.8	5.6	5.1	4.2	0.9	0.6	0.5	0.5	0.4	0.4	0.7	0.3	0.1	0.4	0.2	0.5
Hempstead	7.1	4.2	4.9	4.4	3.5	3.5	1.3	0.1	0.3	0.4	0.3	0.4	0.8	0.0	0.1	0.0	0.3	0.0
Hot Spring	7.2	6.5	6.7	6.5	4.5	4.3	0.9	0.4	0.5	1.1	0.4	0.8	0.7	0.4	0.3	0.3	0.1	0.4
Howard	4.4	4.2	3.9	3.2	3.1	3.6	0.9	0.5	0.8	0.5	0.5	0.2	0.5	0.0	0.0	0.0	0.0	0.2
Independence	6.5	4.2	4.8	4.6	4.5	3.7	0.9	0.4	0.4	0.2	0.0	0.2	0.5	0.3	0.4	0.4	0.1	0.2
Izard	5.3	4.3	5.1	3.7	3.1	3.3	0.9	0.3	0.5	0.5	0.0	0.3	0.6	0.0	0.2	0.5	0.0	0.0
Jackson	6.6	5.8	5.8	5.6	5.2	9.3	0.4	0.0	0.5	0.6	0.5	0.7	0.4	0.0	0.9	0.0	0.5	0.4
Jefferson	3.0	2.4	4.5	4.2	3.1	3.3	1.4	0.5	0.6	0.6	0.2	0.3	1.2	0.3	0.2	0.0	0.1	0.0
Johnson	5.2	5.0	10.0	5.1	4.0	2.8	0.5	0.8	2.0	0.5	0.4	0.0	0.2	0.4	0.0	0.0	0.3	0.1
Lafayette	8.5	8.0	4.9	5.2	4.0	4.3	1.3	0.4	0.5	1.3	0.0	0.6	0.0	0.0	0.0	0.4	0.0	0.6
Lawrence	6.2	6.5	4.9	5.6	3.8	2.8	0.8	0.3	0.1	0.5	0.4	0.3	1.1	0.0	0.3	0.6	0.3	0.3
Lee	5.7	2.8	0.8	2.1	3.5	5.1	0.5	0.3	0.0	0.5	0.0	0.0	1.4	0.0	0.0	0.5	0.0	0.0
Lincoln	6.7	6.7	3.6	5.0	4.7	5.6	1.0	0.9	0.3	0.3	0.0	0.3	0.3	0.0	0.0	0.6	0.0	0.3
Little River	7.1	3.8	7.7	3.7	3.3	4.9	1.3	0.6	2.0	0.8	0.2	0.4	0.6	0.6	0.6	0.2	0.0	0.2
Logan	5.8	4.2	5.3	3.3	3.0	3.3	0.8	0.6	0.8	0.5	0.1	0.3	0.4	0.1	0.6	0.3	0.0	0.0
Lonoke	8.2	5.7	5.5	5.7	4.1	5.6	1.4	0.6	0.9	0.6	0.4	0.6	0.8	0.3	0.3	0.4	0.2	0.1
Madison	6.3	4.8	4.0	3.8	7.0	4.3	1.1	0.9	0.8	1.1	1.0	0.2	0.7	0.2	0.6	0.6	0.0	0.0
Marion	6.5	6.7	3.9	6.5	3.5	4.7	0.9	0.0	0.0	0.5	0.7	0.0	1.1	0.0	0.3	0.5	0.0	0.3
Miller	6.5	6.4	6.0	6.0	5.8	4.8	1.7	0.8	1.2	1.2	1.4	0.4	1.0	0.3	0.1	0.0	0.3	0.1
Mississippi	6.5	3.6	4.2	4.8	4.4	4.3	1.4	0.6	0.1	0.5	0.4	0.5	0.9	0.5	0.2	0.2	0.1	0.2
Monroe	5.1	6.1	3.1	5.6	6.5	5.1	1.7	0.0	2.0	0.8	0.8	0.8	0.7	0.0	0.0	0.0	0.0	0.0
Montgomery	6.5	5.9	6.2	5.2	2.7	7.4	0.4	0.5	0.4	0.9	0.0	1.9	0.4	0.0	0.0	0.0	0.0	0.9
Nevada	6.1	3.8	8.3	3.2	4.4	4.4	2.0	0.7	0.0	0.9	0.3	1.2	1.4	0.0	0.6	0.0	1.0	0.0

** Cells containing the -- symbol indicate an area where data is not available due to the county not participating or not having enough data for that year.

Percentage of Youth Who Used Sedatives, Ecstasy or Heroin During the Past 30 Days by County, Cont.

County	Sedatives						Ecstasy						Heroin					
	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011	2006	2007	2008	2009	2010	2011
Newton	9.1	3.3	9.4	6.8	5.7	3.4	0.0	0.0	0.0	0.0	0.4	0.4	0.0	0.0	0.0	0.9	0.4	0.0
Ouachita	7.8	5.4	4.3	5.1	2.8	2.9	1.1	1.0	0.7	0.4	0.7	0.7	0.2	0.0	0.1	0.1	0.0	0.3
Perry	7.0	5.0	5.3	5.1	4.1	3.9	0.8	0.9	0.0	0.2	0.0	0.3	0.5	0.5	0.0	0.2	0.0	0.0
Phillips	--	2.7	5.3	3.4	3.8	3.7	--	0.5	0.0	0.6	0.3	0.2	--	0.0	0.0	0.3	0.0	0.5
Pike	5.1	8.2	3.9	5.6	2.4	4.8	0.8	0.7	0.6	0.2	0.0	0.2	0.3	0.2	0.4	0.4	0.0	0.2
Poinsett	10.1	9.3	5.8	6.5	4.7	5.3	0.7	0.3	0.4	0.8	0.6	0.1	0.8	0.3	0.1	0.1	0.3	0.0
Polk	7.1	4.4	5.9	5.2	4.8	3.4	0.4	0.4	0.7	0.8	0.4	0.4	0.6	0.0	0.3	0.3	0.0	0.1
Pope	6.1	6.2	5.2	4.9	4.3	3.5	0.7	0.5	0.2	0.7	0.3	0.4	0.4	0.3	0.3	0.5	0.1	0.1
Prairie	2.2	5.2	5.8	6.5	5.5	3.0	0.0	0.0	0.7	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.0	0.8
Pulaski	4.6	4.5	4.2	5.3	4.6	4.4	1.0	0.7	0.5	0.7	0.4	0.5	1.0	0.3	0.3	0.3	0.2	0.2
Randolph	7.4	4.5	6.4	6.1	3.9	4.9	1.1	0.0	0.4	0.0	0.2	0.0	0.7	0.2	0.8	0.4	0.4	0.2
Saint Francis	2.1	3.6	4.2	3.4	2.5	4.9	1.0	0.3	0.1	0.1	0.2	0.2	0.0	0.5	0.4	0.0	0.2	0.0
Saline	7.0	6.7	5.7	5.3	5.5	3.9	0.8	0.7	1.0	0.5	0.1	0.5	0.2	0.7	0.4	0.9	0.6	0.3
Scott	10.4	5.0	5.8	4.9	3.1	3.2	2.3	1.1	0.6	0.3	0.0	0.3	0.8	1.1	0.0	0.0	0.8	0.3
Searcy	9.5	5.2	6.6	4.9	4.2	2.6	1.7	0.3	1.5	0.3	0.9	0.3	1.4	0.7	0.9	0.0	0.3	0.3
Sebastian	6.5	5.9	4.6	5.3	4.6	4.4	1.8	1.3	0.9	1.4	0.9	0.6	1.0	0.4	0.5	0.7	0.4	0.6
Sevier	5.9	4.2	6.5	4.7	3.1	5.3	1.2	0.3	0.0	0.3	0.3	0.3	1.3	0.0	0.2	0.4	0.5	0.4
Sharp	8.3	5.7	8.2	6.6	3.7	5.4	0.2	0.4	0.1	0.9	0.8	0.5	0.3	0.4	0.7	0.6	0.4	0.2
Stone	5.5	6.5	2.8	4.1	4.2	3.9	0.3	0.3	0.8	0.8	0.3	0.0	0.3	0.3	0.3	0.0	0.0	0.0
Union	6.4	6.4	4.2	6.0	5.5	5.0	1.5	1.1	0.6	0.5	0.8	0.3	0.9	0.5	0.1	0.1	0.3	0.2
Van Buren	8.7	7.2	8.8	7.2	2.5	4.7	2.2	0.8	0.9	0.6	0.0	0.5	1.2	0.2	0.6	0.4	0.2	0.4
Washington	5.7	3.9	4.2	4.7	4.1	3.9	1.1	0.5	0.5	0.5	0.8	0.3	0.6	0.3	0.2	0.3	0.4	0.2
White	8.9	6.5	6.2	5.3	4.5	5.2	1.2	0.8	0.2	0.4	0.4	0.4	0.4	0.5	0.5	0.2	0.3	0.4
Woodruff	6.1	8.3	2.9	3.7	3.7	3.3	0.4	0.4	0.0	0.4	0.0	0.0	0.4	0.0	0.0	0.0	0.8	0.0
Yell	6.1	6.1	5.1	5.5	4.4	5.7	0.5	0.4	0.1	0.1	0.2	0.7	0.4	0.0	0.1	0.3	0.5	0.0

** Cells containing the -- symbol indicate an area where data is not available due to the county not participating or not having enough data for that year.

Percentage of Youth Who Used Prescription Drugs, Over-The-Counter Drugs, Alcopops or Any Drug During the Past 30 Days by County

County	Prescription Drugs				Over-The-Counter Drugs				Alcopops			Any Drug					
	2008	2009	2010	2011	2008	2009	2010	2011	2009	2010	2011	2006	2007	2008	2009	2010	2011
Arkansas	--	3.1	3.4	4.9	--	2.2	1.4	1.6	13.8	19.3	18.4	17.3	12.2	--	11.6	13.0	20.8
Ashley	6.8	6.9	4.5	6.8	2.7	4.0	2.2	1.8	16.9	14.8	18.3	14.3	15.2	18.2	17.0	16.1	14.2
Baxter	6.9	6.7	5.3	5.4	3.9	2.7	1.9	2.4	12.0	11.9	9.3	15.3	11.5	18.8	15.5	14.9	13.8
Benton	4.7	5.0	3.6	3.7	2.5	2.8	2.3	1.9	9.6	7.7	8.0	15.9	13.0	12.8	13.8	12.3	11.5
Boone	5.4	6.0	4.2	4.5	2.5	2.7	2.0	2.2	13.5	11.2	11.8	13.3	11.9	14.7	16.5	12.7	12.2
Bradley	6.2	4.5	2.8	3.6	2.3	3.3	2.8	2.3	17.4	13.0	12.7	13.9	11.3	17.9	12.4	10.7	11.9
Calhoun	7.8	6.5	9.5	2.0	3.0	4.5	3.4	4.1	17.4	18.3	19.2	11.9	--	19.0	15.3	21.8	15.2
Carroll	6.6	4.4	4.9	3.5	2.3	2.0	2.0	1.4	14.0	17.5	12.5	16.1	16.5	18.7	15.3	16.9	13.1
Chicot	3.1	5.2	4.8	5.3	3.1	3.4	0.0	2.2	19.7	11.3	9.7	15.2	8.1	15.6	24.3	15.6	14.4
Clark	4.7	3.8	6.3	4.1	1.9	3.6	3.2	2.4	9.8	10.8	10.0	12.0	14.8	12.6	14.4	12.7	10.9
Clay	5.6	8.3	4.9	4.4	3.6	4.1	3.1	3.2	15.0	13.6	10.3	14.3	15.6	15.3	18.9	15.1	11.0
Cleburne	7.2	5.2	4.5	3.2	3.2	2.9	2.8	1.6	16.9	14.0	10.9	23.3	14.1	17.0	14.7	12.8	13.3
Cleveland	3.9	5.8	4.2	0.9	3.3	2.2	2.8	1.2	17.5	10.5	10.5	--	13.5	12.0	15.2	9.8	7.5
Columbia	4.9	7.1	3.3	4.3	2.4	3.2	1.1	3.6	17.5	11.1	16.4	5.9	14.9	16.4	22.4	12.1	17.3
Conway	5.6	5.3	4.3	5.5	2.6	2.2	1.0	2.2	16.7	12.8	12.2	18.5	13.3	14.7	17.8	13.6	15.1
Craighead	6.1	6.1	4.4	4.5	3.2	2.9	2.1	2.1	11.4	10.8	9.9	13.4	11.8	14.4	14.9	12.7	13.0
Crawford	6.6	4.5	4.7	5.4	3.0	3.0	1.9	2.4	9.7	7.7	10.4	16.2	13.2	14.8	13.5	11.1	13.4
Crittenden	6.9	5.6	--	3.3	4.1	3.0	--	2.3	13.1	--	8.5	15.9	15.3	16.9	15.7	--	12.9
Cross	9.0	6.1	5.6	6.6	4.9	4.6	3.4	3.9	13.3	13.9	15.0	18.7	18.0	18.6	16.4	17.8	18.6
Dallas	5.9	8.1	6.2	3.3	3.2	5.4	3.4	1.1	17.7	12.0	13.3	19.9	12.9	15.6	18.9	12.2	16.4
Desha	7.2	4.9	2.1	2.8	2.6	4.1	2.1	2.3	18.3	13.3	13.0	13.1	--	18.5	19.2	12.7	15.7
Drew	3.2	3.7	4.4	4.4	1.8	1.7	3.0	3.9	11.3	12.1	14.1	12.3	9.6	10.4	12.4	13.0	16.9
Faulkner	5.8	6.0	4.3	5.3	3.4	3.4	2.3	2.9	13.5	9.5	10.6	18.2	10.9	15.8	17.8	12.8	15.5
Franklin	6.3	5.5	3.1	3.6	3.2	3.5	2.1	1.9	10.5	6.9	10.9	14.5	13.4	17.7	14.4	8.8	10.4
Fulton	5.9	2.8	3.9	4.2	2.6	2.5	1.4	1.1	10.1	9.1	9.7	13.3	14.1	12.9	10.9	11.3	9.6

** Cells containing the -- symbol indicate an area where data is not available due to the county not participating or not having enough data for that year.

Percentage of Youth Who Used Prescription Drugs, Over-The-Counter Drugs, Alcopops or Any Drug During the Past 30 Days by County, Cont.																	
County	Prescription Drugs				Over-The-Counter Drugs				Alcopops			Any Drug					
	2008	2009	2010	2011	2008	2009	2010	2011	2009	2010	2011	2006	2007	2008	2009	2010	2011
Garland	7.7	6.0	5.4	4.5	3.7	3.2	2.3	2.5	13.4	12.2	9.8	17.6	16.7	17.7	16.9	15.0	14.3
Grant	8.1	6.1	6.3	4.9	4.1	1.9	2.7	1.8	14.5	10.4	12.9	18.6	12.7	17.1	14.5	14.9	13.6
Greene	6.9	6.4	5.5	5.5	3.2	4.1	2.7	2.6	13.6	10.1	11.1	13.4	13.4	15.5	17.4	13.6	14.1
Hempstead	4.4	3.3	3.2	2.9	2.3	3.0	1.3	2.2	12.6	6.1	11.6	13.6	13.2	15.8	11.0	8.7	13.7
Hot Spring	8.7	7.5	5.7	3.8	3.3	3.7	2.0	2.0	14.1	11.4	10.1	15.0	14.9	19.2	18.4	16.0	13.4
Howard	5.3	5.1	3.9	4.7	2.1	3.0	1.9	2.2	13.6	10.3	11.2	12.9	11.7	16.3	13.2	11.1	13.8
Independence	5.6	5.6	4.8	3.8	3.5	2.8	2.3	2.4	14.6	10.3	11.8	13.0	9.3	14.4	13.2	13.0	12.1
Izard	5.1	4.9	4.5	2.1	4.1	3.0	3.7	1.3	14.4	12.2	9.5	10.5	12.3	14.7	13.9	14.7	9.0
Jackson	6.7	3.8	4.5	7.2	4.2	3.5	3.8	3.6	15.0	12.4	15.5	11.8	11.9	15.3	16.6	13.3	20.2
Jefferson	5.4	3.7	2.8	3.6	2.8	2.1	1.5	2.2	13.4	10.6	9.7	14.6	14.9	17.0	14.7	10.5	12.3
Johnson	8.1	4.8	3.9	4.0	6.1	1.9	1.6	1.9	12.7	9.7	8.2	11.7	12.3	19.3	15.3	12.5	11.3
Lafayette	3.9	6.5	4.0	5.5	3.5	2.6	6.3	2.5	17.5	10.3	16.6	15.7	16.1	16.3	16.5	15.6	13.2
Lawrence	4.7	5.1	2.8	3.9	2.8	2.3	2.3	2.5	14.4	12.8	12.1	13.0	13.0	12.1	12.8	13.3	12.0
Lee	3.1	3.1	2.4	2.5	3.2	2.1	1.2	0.0	11.6	2.4	6.2	8.7	10.3	11.8	14.5	10.2	9.6
Lincoln	6.4	3.3	3.6	6.4	2.0	3.3	0.5	2.5	15.1	11.0	14.3	12.6	14.7	14.0	16.3	14.7	15.6
Little River	8.4	5.0	4.5	4.2	6.1	3.3	2.1	2.6	13.3	14.9	18.1	13.8	9.0	21.5	14.5	13.0	15.3
Logan	5.7	5.1	3.1	2.5	2.4	2.7	1.3	0.8	14.2	8.6	11.9	11.2	11.5	14.5	12.2	9.5	9.6
Lonoke	6.3	6.6	4.5	5.4	3.6	3.0	2.2	3.0	13.0	9.4	11.3	15.7	13.3	15.6	16.9	11.8	15.8
Madison	5.0	4.2	5.7	5.8	1.9	2.7	3.4	3.4	13.2	14.5	13.8	13.7	10.9	15.8	15.1	18.8	17.4
Marion	5.5	7.5	2.8	5.5	2.2	3.2	2.1	1.6	16.2	11.0	12.6	14.5	14.0	12.3	16.9	10.9	13.6
Miller	5.3	5.7	5.6	5.9	3.1	3.0	2.6	2.0	15.5	11.6	12.9	14.4	15.9	16.7	18.4	17.3	16.6
Mississippi	4.9	5.1	3.9	5.3	4.2	3.3	2.3	2.4	11.2	10.6	9.1	15.4	11.9	14.0	15.0	13.8	14.0
Monroe	6.1	4.0	5.7	5.9	2.0	0.8	1.6	1.5	16.9	11.3	15.4	13.4	18.2	20.2	14.4	12.8	19.9
Montgomery	8.9	6.2	3.1	6.5	4.0	1.8	2.2	4.6	25.4	12.4	14.8	10.9	15.3	18.1	15.4	11.8	15.7
Nevada	8.3	4.4	5.2	6.2	5.7	2.3	1.0	1.5	11.7	12.0	11.8	15.2	10.1	21.1	10.2	16.3	14.3
** Cells containing the -- symbol indicate an area where data is not available due to the county not participating or not having enough data for that year.																	

Percentage of Youth Who Used Prescription Drugs, Over-The-Counter Drugs, Alcopops or Any Drug During the Past 30 Days by County, Cont.																	
County	Prescription Drugs				Over-The-Counter Drugs				Alcopops			Any Drug					
	2008	2009	2010	2011	2008	2009	2010	2011	2009	2010	2011	2006	2007	2008	2009	2010	2011
Newton	3.1	5.5	4.5	5.3	0.0	2.6	1.6	1.1	10.3	7.5	13.5	18.4	11.4	12.5	15.6	10.7	10.1
Ouachita	4.2	4.0	3.0	3.7	1.8	3.1	2.2	2.4	14.1	10.2	10.0	16.4	12.3	13.2	15.3	14.2	12.3
Perry	7.4	5.1	4.4	4.5	2.3	3.2	1.0	0.6	14.6	11.2	11.4	13.6	12.5	14.8	12.8	8.4	10.6
Phillips	4.7	2.8	3.9	3.8	4.1	2.9	2.1	2.0	12.4	12.9	9.5	--	11.9	16.6	13.8	14.7	12.2
Pike	5.1	4.4	2.0	5.1	2.1	2.2	1.6	2.9	13.7	9.5	11.1	12.6	15.2	12.0	14.8	10.0	13.6
Poinsett	7.8	7.2	5.3	5.2	3.9	3.0	1.8	1.8	15.3	12.2	12.4	17.0	16.1	14.7	15.4	16.9	12.4
Polk	6.6	4.5	4.3	4.6	5.3	2.1	4.1	4.0	12.7	12.8	12.9	13.2	11.0	20.1	15.4	14.8	15.5
Pope	5.8	6.2	4.1	3.5	3.1	3.0	2.1	2.7	11.5	10.0	9.3	13.7	14.5	15.2	15.7	13.8	12.0
Prairie	6.6	6.1	7.2	4.5	2.1	2.7	3.1	3.7	17.0	12.4	16.5	8.9	11.0	18.1	20.1	14.1	12.6
Pulaski	4.2	5.2	4.4	4.4	2.5	2.4	1.9	2.2	11.9	10.1	10.0	13.4	14.1	16.8	18.1	17.3	17.4
Randolph	5.8	5.5	3.6	5.9	3.6	2.2	2.6	1.9	11.7	10.7	13.6	15.7	10.8	16.5	14.0	9.8	12.9
Saint Francis	4.3	3.3	2.5	3.4	1.4	2.1	1.4	2.8	11.8	10.7	9.7	7.4	9.2	14.2	14.4	11.3	14.4
Saline	7.6	6.0	6.3	4.6	3.3	2.5	2.2	2.1	11.8	11.0	9.4	13.0	14.7	14.9	16.7	14.3	13.8
Scott	6.9	4.3	4.7	3.6	4.1	3.4	4.7	2.6	11.3	15.0	11.2	16.4	13.7	14.2	16.2	17.8	15.2
Searcy	8.7	6.1	6.0	3.3	4.8	2.1	1.8	2.1	11.3	10.2	13.3	17.5	10.8	17.9	12.4	13.9	11.4
Sebastian	4.5	5.4	4.5	3.7	2.6	3.0	2.2	1.9	14.5	10.8	11.5	15.8	15.7	15.8	18.1	15.5	15.3
Sevier	5.3	4.6	3.8	5.8	3.6	3.3	1.7	3.0	18.7	10.4	16.2	14.3	10.0	15.5	13.7	12.8	17.8
Sharp	5.5	5.7	4.1	5.6	3.3	3.4	1.6	2.7	17.0	7.3	11.9	15.0	13.2	15.2	17.1	11.5	14.1
Stone	3.6	5.6	3.9	6.5	2.5	4.1	2.1	2.1	12.4	8.6	14.6	12.4	13.8	9.4	15.4	12.4	16.4
Union	5.2	5.7	6.8	5.2	4.1	3.9	2.5	2.6	15.2	13.4	11.5	14.8	14.0	15.5	16.9	16.5	15.6
Van Buren	8.2	7.7	2.9	4.5	4.6	3.5	1.2	2.9	14.8	8.8	12.5	18.3	16.4	20.4	19.4	10.5	15.8
Washington	4.6	5.2	4.6	4.0	2.2	2.4	2.4	1.9	10.5	9.3	8.2	13.2	11.2	13.9	14.6	14.3	13.7
White	6.6	5.7	4.9	5.1	3.9	2.8	2.9	2.0	11.2	11.0	11.1	16.8	13.7	16.9	14.9	13.8	14.6
Woodruff	2.1	2.8	2.0	3.4	2.5	2.0	1.6	2.0	11.8	7.8	10.7	12.3	14.7	9.1	11.4	9.8	15.2
Yell	4.6	4.6	4.1	4.0	1.9	1.5	2.3	2.3	11.6	12.7	12.0	12.4	12.0	12.1	12.0	12.3	11.9
** Cells containing the -- symbol indicate an area where data is not available due to the county not participating or not having enough data for that year.																	