Arkansas
Prevention
Needs
Assessment
Student
Survey



Lawrence County County Profile Report

Provided by
Arkansas Department of Human Services
Division of Behavioral Sciences
Office of Alcohol and Drug Abuse Prevention
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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 2007. 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 contains characteristics of the students who completed the survey.

Table 1: Characteristics of Participants

Student Totals							
	County 2006 County 2007				State 2007		
	Number	Percent	Number	Percent	Number	Percent	
Total Students	664		757	1.0	79598	100.0	
# of Districts	4		4	1.9	208	100.0	
# of Schools	11		10	1.8	570	100.0	
Grade							
6	174	26.2	200	26.4	22910	28.8	
8	165	24.8	197	26.0	22082	27.7	
10	181	27.3	186	24.6	19315	24.3	
12	144	21.7	174	23.0	15291	19.2	
Gender							
Male	331	51.4	341	45.6	37614	47.9	
Female	313	48.6	406	54.4	40835	52.1	
Ethnicity							
Hispanic	17	2.5	16	2.0	7386	8.3	
Black	4	0.6	9	1.1	14752	16.5	
Asian	2	0.3	2	0.3	1339	1.5	
American Indian	13	1.9	24	3.1	4041	4.5	
Alaska Native	3	0.4	3	0.4	192	0.2	
White	634	92.0	720	91.6	54915	61.3	
Native Hawaiian	2	0.3			487	0.5	
Other	14	2.0	12	1.5	6406	7.2	

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 and rates of ASB (antisocial behavior), 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 years' survey. Those students are now in grades 7, 9, 11 or are out of school. gether, the results of the current and past APNA surveys provide a complete picture of ATOD use, antisocial behavior, risk, and protection for students in

(Methods Note Regarding Long-Term Trend Data:) The 2006 procedures varied from those used in this report, as

well as those used in the 2005 and 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 the 2005 (and prior) reports. 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 previous 2006 report.

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

Table 2: Youth at Risk

YOUTH AT RISK 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 V V V V V V	Table 2: Youth	at nis	K				
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 Individual/Peer Alienation and Rebelliousness Friends Who Engage in a Problem Behavior Favorable Attitudes Toward the Problem Behavior		PROBLEM BEHAVIORS					
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	YOUTH AT RISK	Substance Abuse	Delinquency	Teen Pregnancy	School Drop-Out	Violence	
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 Fawily 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	Community						
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 Fawily 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 Behavior	Availability of Drugs and Firearms	✓				1	
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 Behavior	-	1					
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 A volume of the problem Behavior Favorable Attitudes Toward the Problem Behavior	Transitions and Mobility	1	1		1		
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		1	1			1	
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 Behavior	Extreme Economic and Social Deprivation	/	1	1	/	1	
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 Behavior	Family						
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 Behavior	Family History of High Risk Behavior	/	1	/	1		
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 Behavior	Family Management Problems	✓	1	1	✓	1	
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	Family Conflict	✓	1	1	✓	1	
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	Favorable Parental Attitudes and	./	1			1	
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	Involvement in the Problem 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	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 and Persistent Antisocial Behavior	✓	✓	✓	✓	1	
Individual/Peer Alienation and Rebelliousness Friends Who Engage in a Problem Behavior Favorable Attitudes Toward the Problem Behavior	Academic Failure in Elementary School	1	✓	✓	1	1	
Alienation and Rebelliousness Friends Who Engage in a Problem Behavior Favorable Attitudes Toward the Problem Behavior	Lack of Commitment to School	✓	1	✓	✓		
Friends Who Engage in a Problem Behavior Favorable Attitudes Toward the Problem Behavior Behavior	Individual/Peer						
Favorable Attitudes Toward the Problem Behavior	Alienation and Rebelliousness	✓	/		✓		
Behavior V V	Friends Who Engage in a Problem Behavior	✓	✓	✓	✓	1	
	Favorable Attitudes Toward the Problem	./	1	./	./		
Early Initiation of the Problem Behavior	Behavior	•			•		
	Early Initiation of the Problem Behavior	✓	/	✓	✓	✓	

behaviors and identified risk factors for adolescent drug abuse and delinquency. The chart above 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.

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.

What are the numbers telling you?

Review the charts and data tables presented in this report. Using the table on the next page, 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?

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?

Use these data for planning:

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

	Unacceptable	Unacceptable	Unacceptable	Unacceptable
Measure	Rate #1	Rate #2	Rate #3	Rate #4
30 day drug use				
Antisocial behavior				
Risk factors				
Protective factors				

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

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

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

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

4 HOW TO READ THE CHARTS

- 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. Actual percentages are provided in the data tables following the charts.

ATOD USE AND ANTISOCIAL BEHAVIOR, GRADE 6 Lawrence County

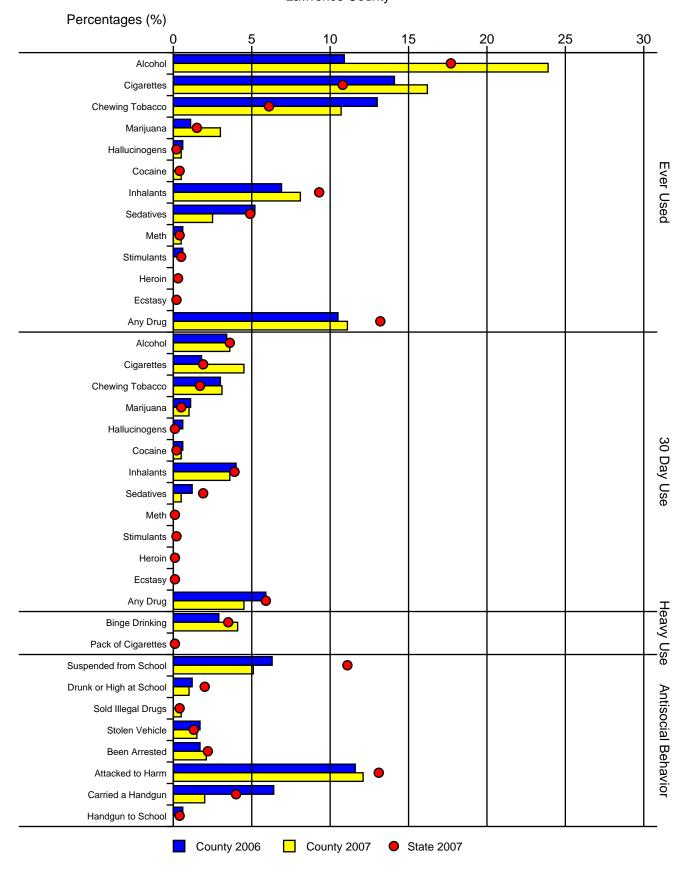


Figure 1: ATOD Use and Antisocial Behavior, Grade 6

ATOD USE AND ANTISOCIAL BEHAVIOR, GRADE 8 Lawrence County

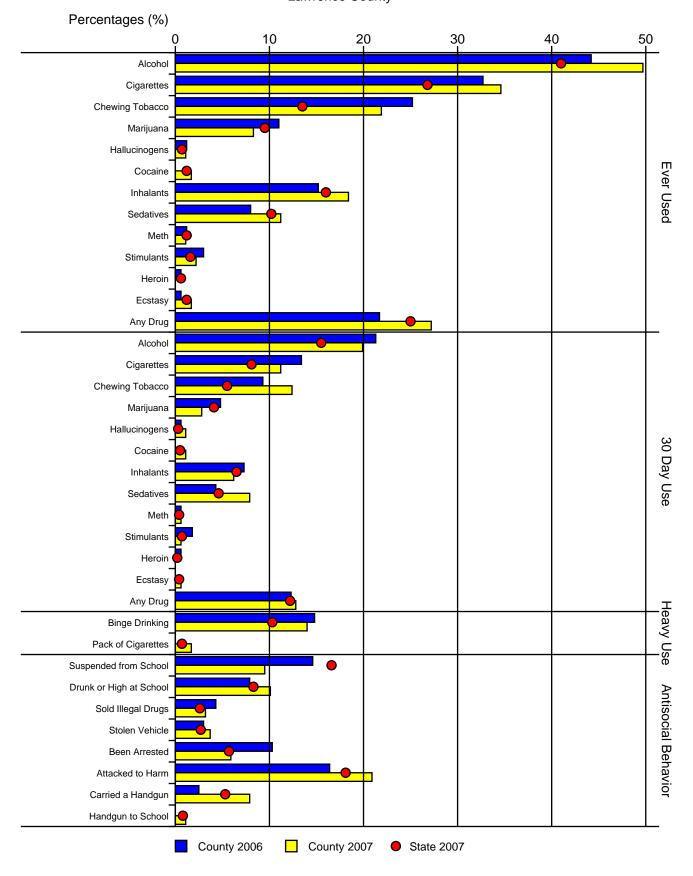


Figure 2: ATOD Use and Antisocial Behavior, Grade $8\,$

ATOD USE AND ANTISOCIAL BEHAVIOR, GRADE 10 Lawrence County

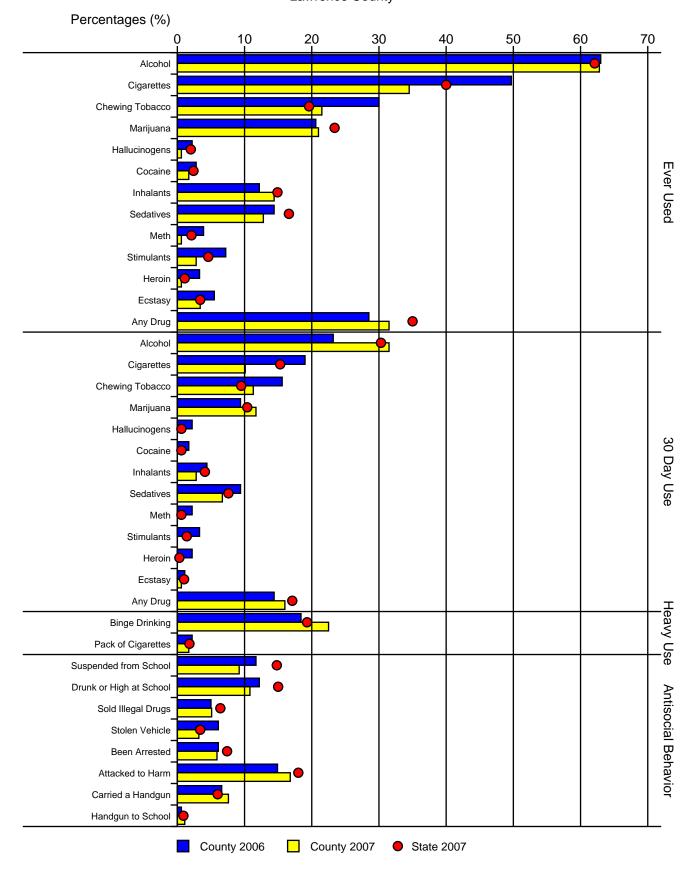


Figure 3: ATOD Use and Antisocial Behavior, Grade 10

ATOD USE AND ANTISOCIAL BEHAVIOR, GRADE 12 Lawrence County

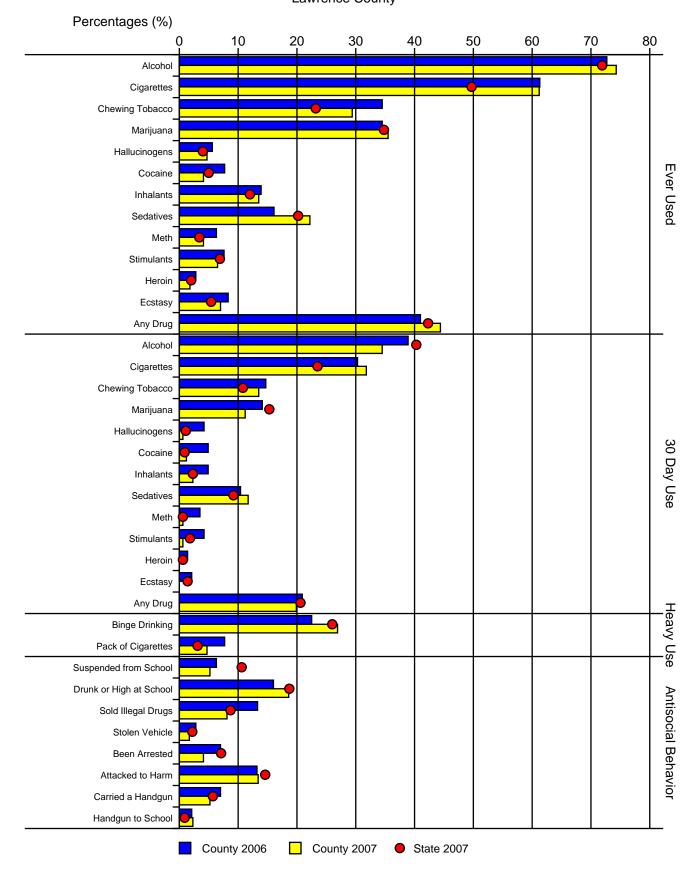


Figure 4: ATOD Use and Antisocial Behavior, Grade 12

RISK PROFILE, GRADE 6 Lawrence County

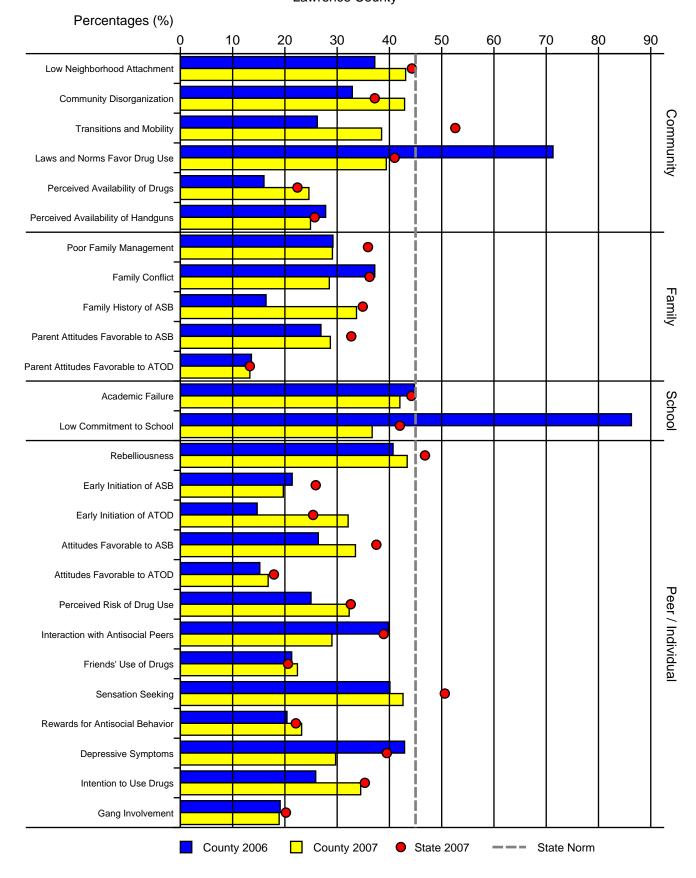


Figure 5: Risk Profile, Grade 6

RISK PROFILE, GRADE 8 Lawrence County

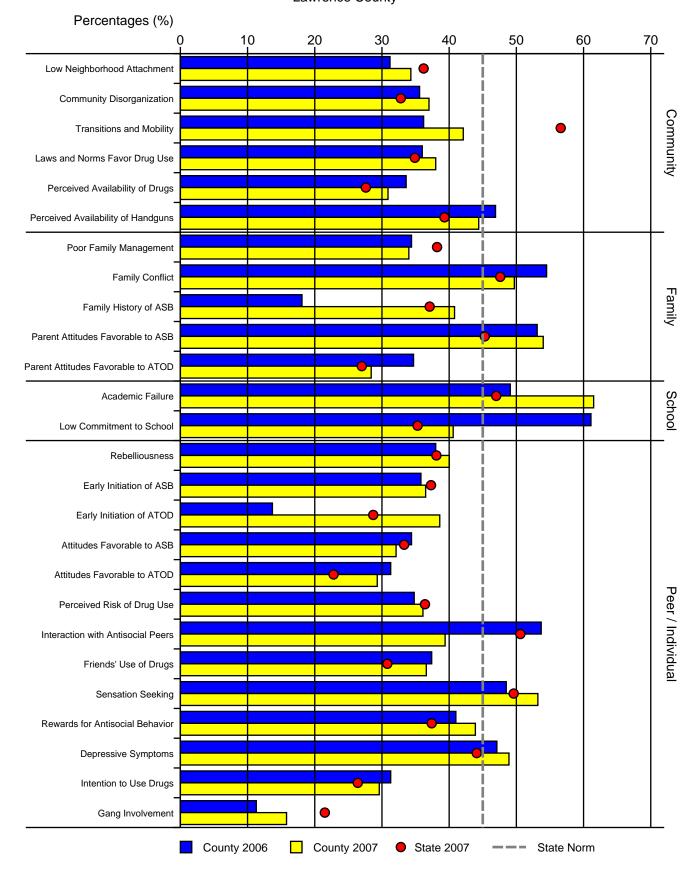


Figure 6: Risk Profile, Grade 8

RISK PROFILE, GRADE 10

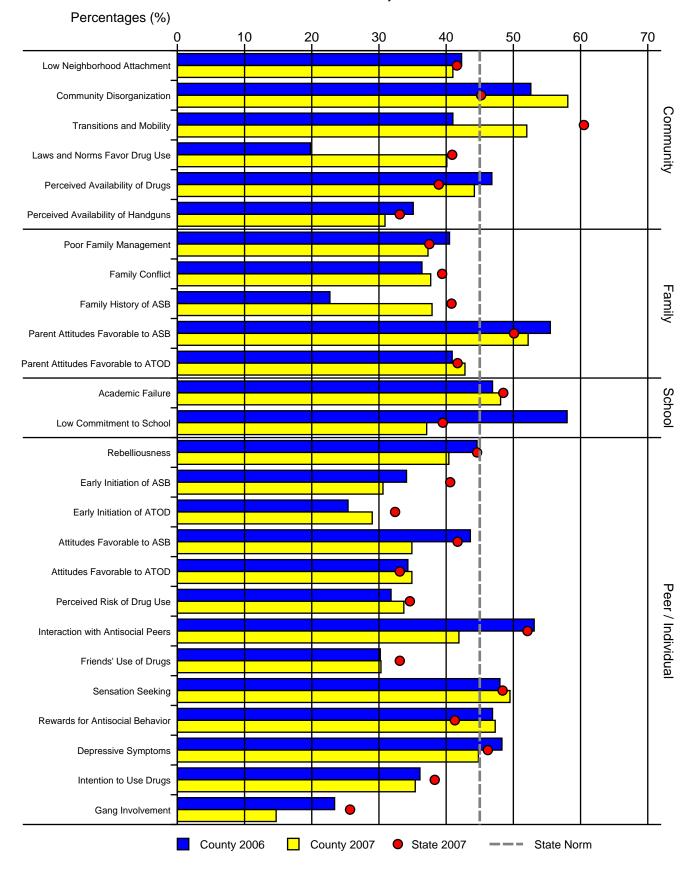
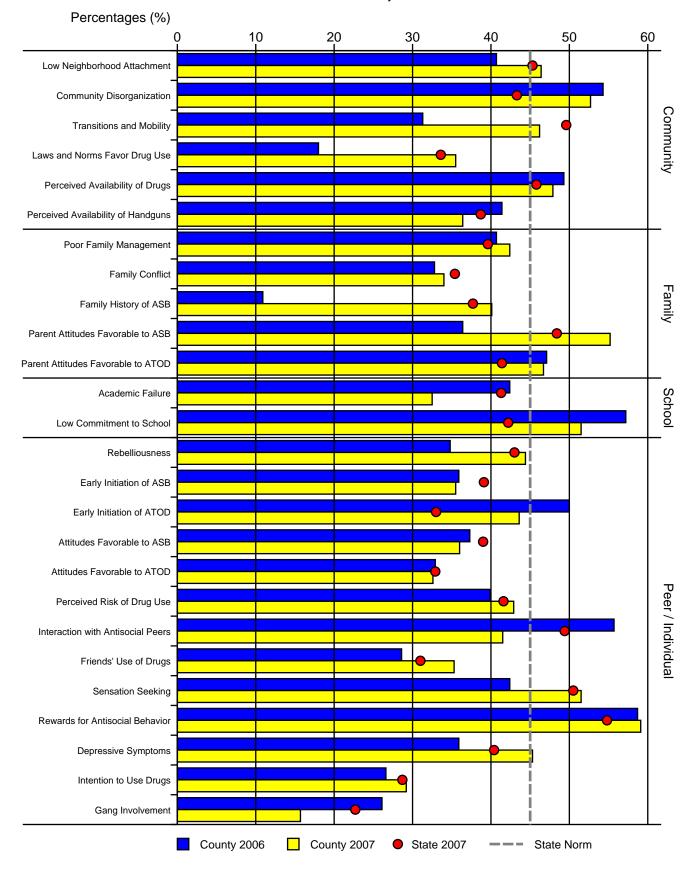


Figure 7: Risk Profile, Grade 10

RISK PROFILE, GRADE 12



PROTECTIVE PROFILE, GRADE 6 Lawrence County

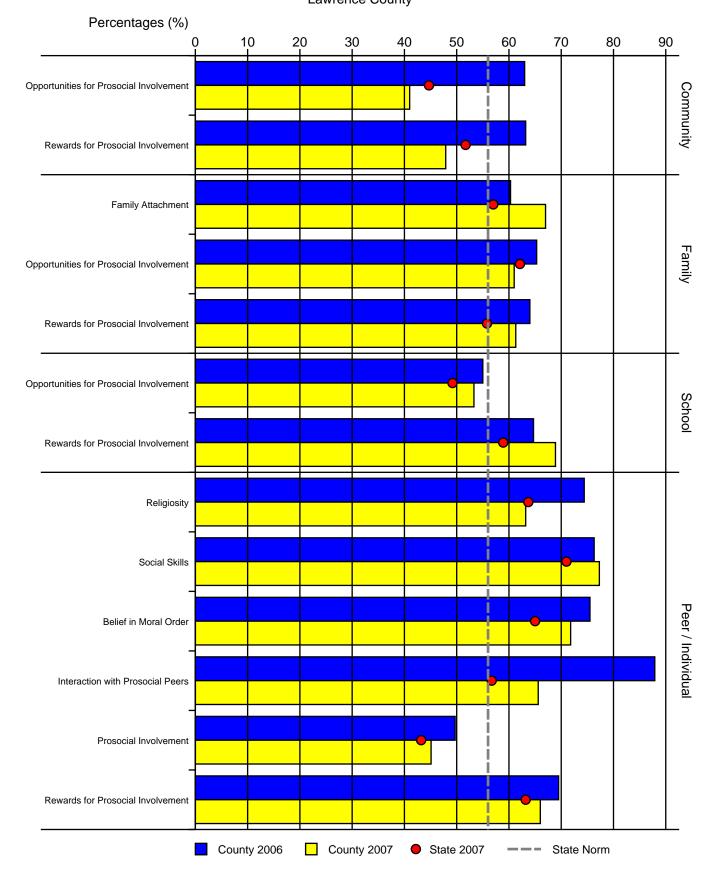


Figure 9: Protective Profile, Grade 6

PROTECTIVE PROFILE, GRADE 8

Lawrence County Percentages (%) 10 20 30 70 80 90 40 50 60 Opportunities for Prosocial Involvement Community Rewards for Prosocial Involvement Family Attachment Opportunities for Prosocial Involvement Rewards for Prosocial Involvement Opportunities for Prosocial Involvement Rewards for Prosocial Involvement Religiosity Social Skills Peer / Individual Belief in Moral Order Interaction with Prosocial Peers Prosocial Involvement Rewards for Prosocial Involvement

Figure 10: Protective Profile, Grade 8

State 2007

State Norm

County 2007

County 2006

PROTECTIVE PROFILE, GRADE 10

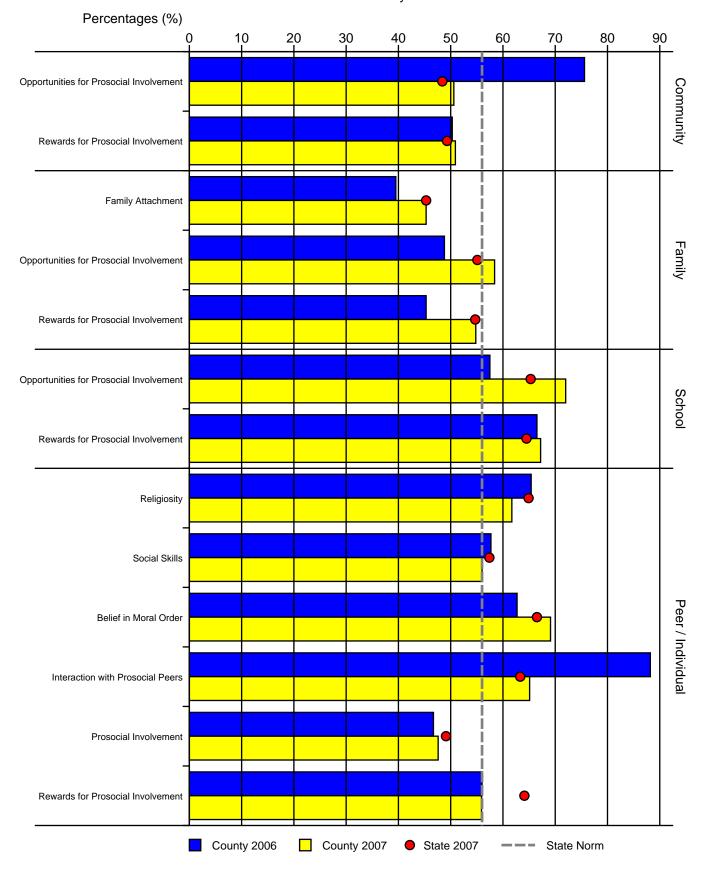


Figure 11: Protective Profile, Grade 10

PROTECTIVE PROFILE, GRADE 12

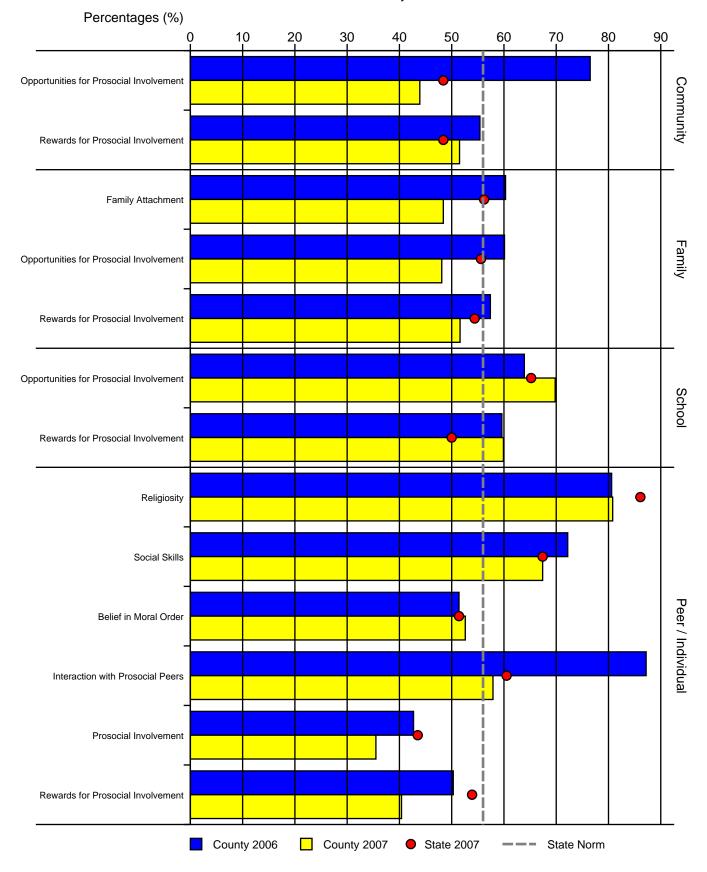


Figure 12: Protective Profile, Grade 12

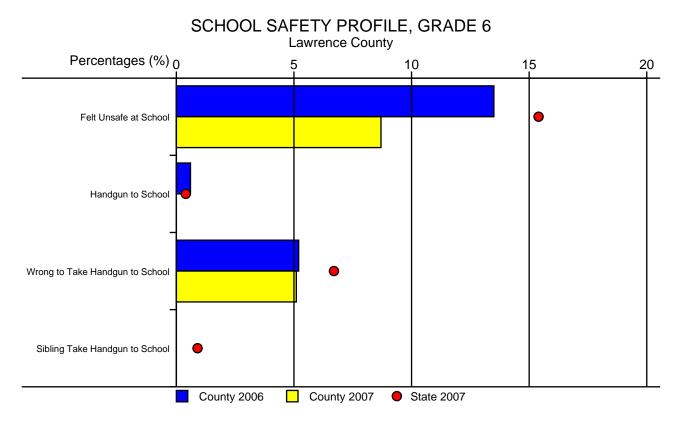


Figure 13: School Safety Profile, Grade 6

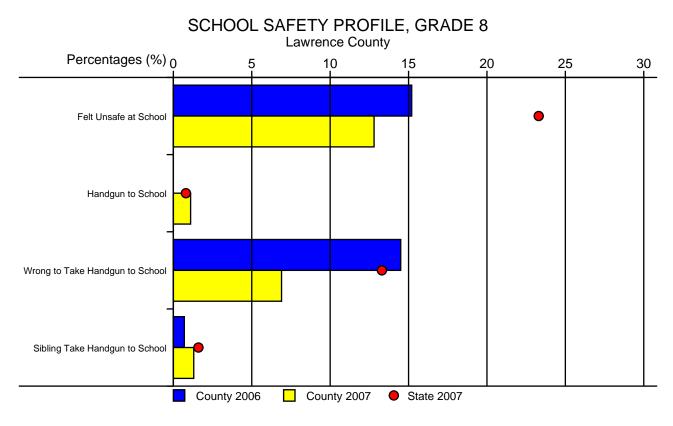


Figure 14: School Safety Profile, Grade 8

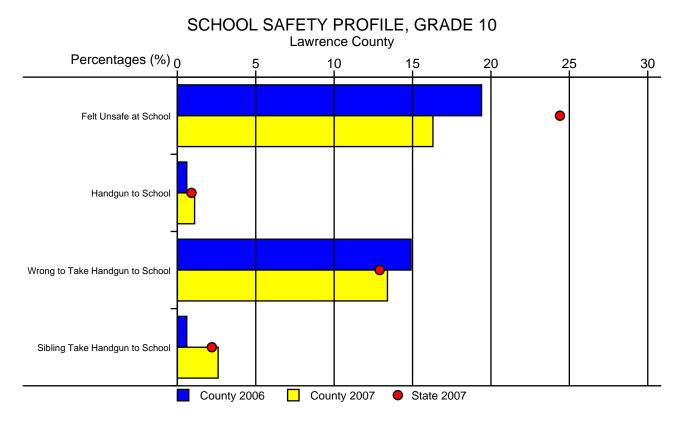


Figure 15: School Safety Profile, Grade 10

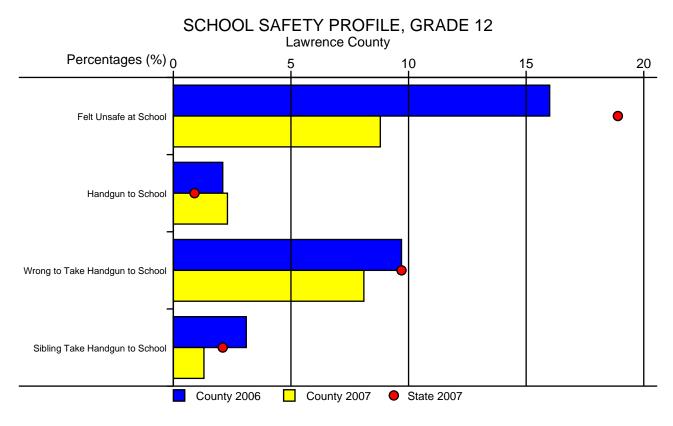


Figure 16: School Safety Profile, Grade 12

NO CHILD LEFT BEHIND PROFILE, GRADE 6

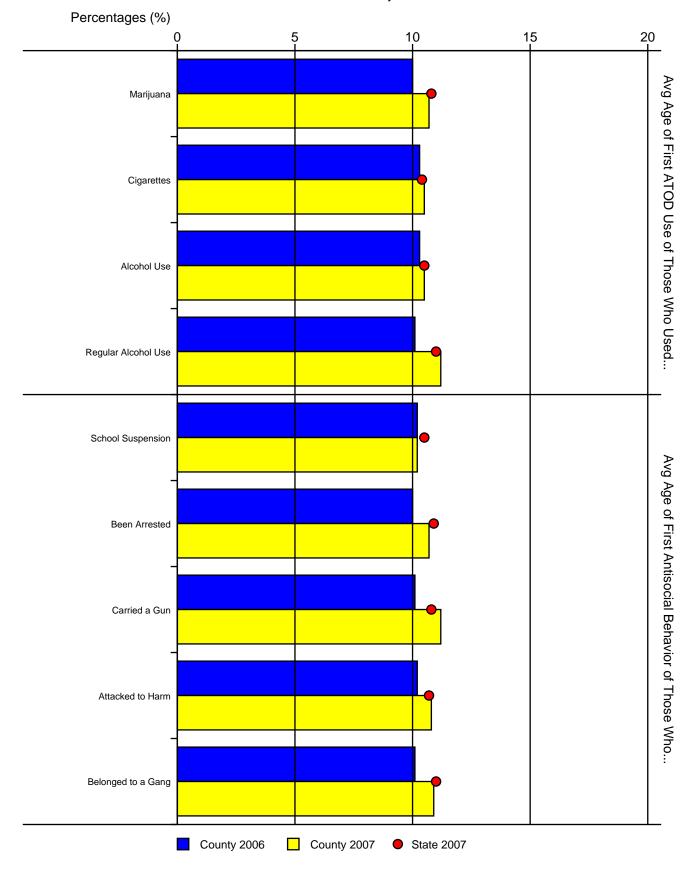


Figure 17: No Child Left Behind Profile, Grade $6\,$

NO CHILD LEFT BEHIND PROFILE, GRADE 8

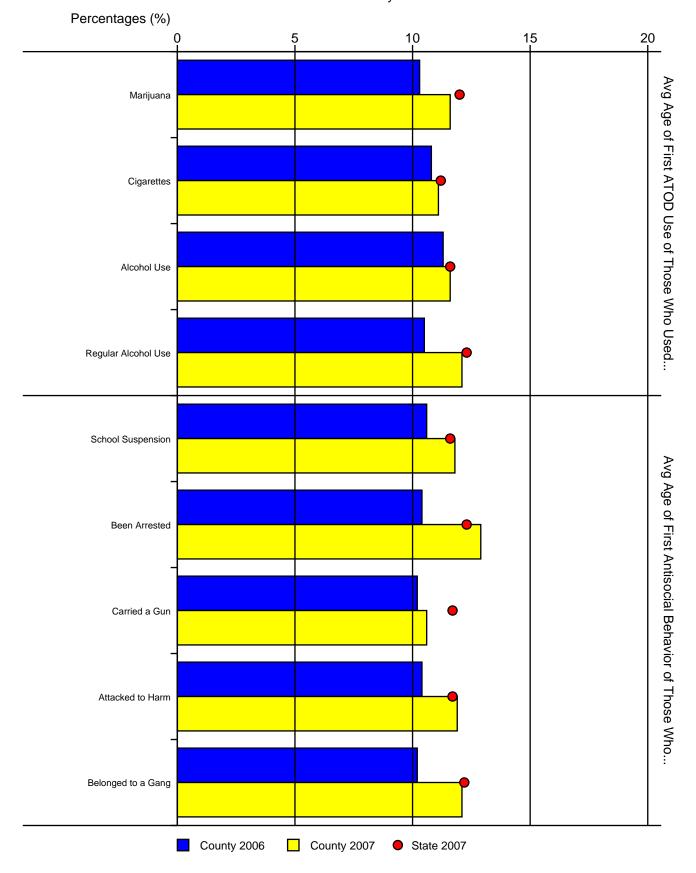


Figure 18: No Child Left Behind Profile, Grade $8\,$

NO CHILD LEFT BEHIND PROFILE, GRADE 10 Lawrence County

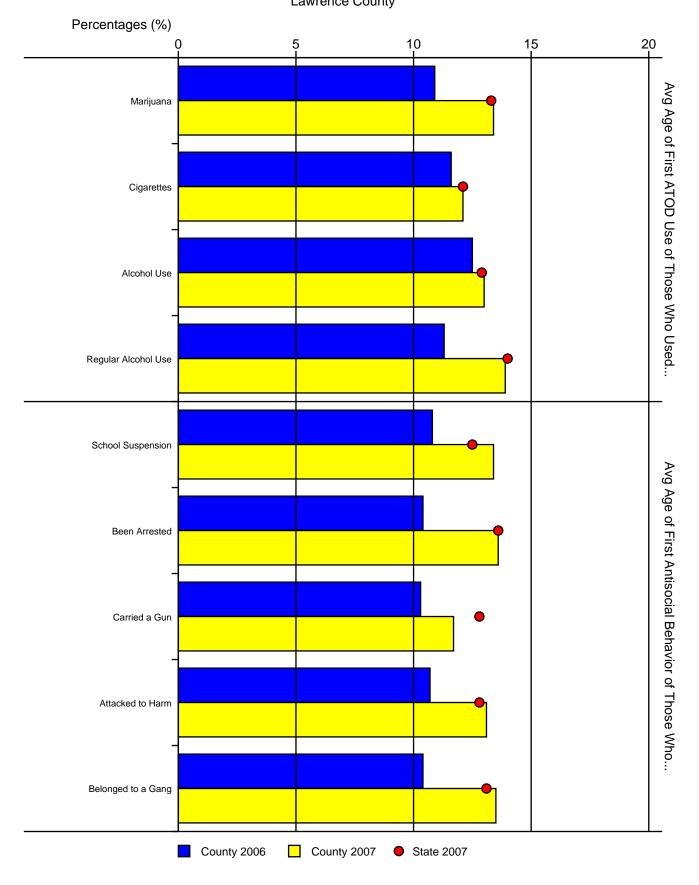


Figure 19: No Child Left Behind Profile, Grade 10

NO CHILD LEFT BEHIND PROFILE, GRADE 12 Lawrence County

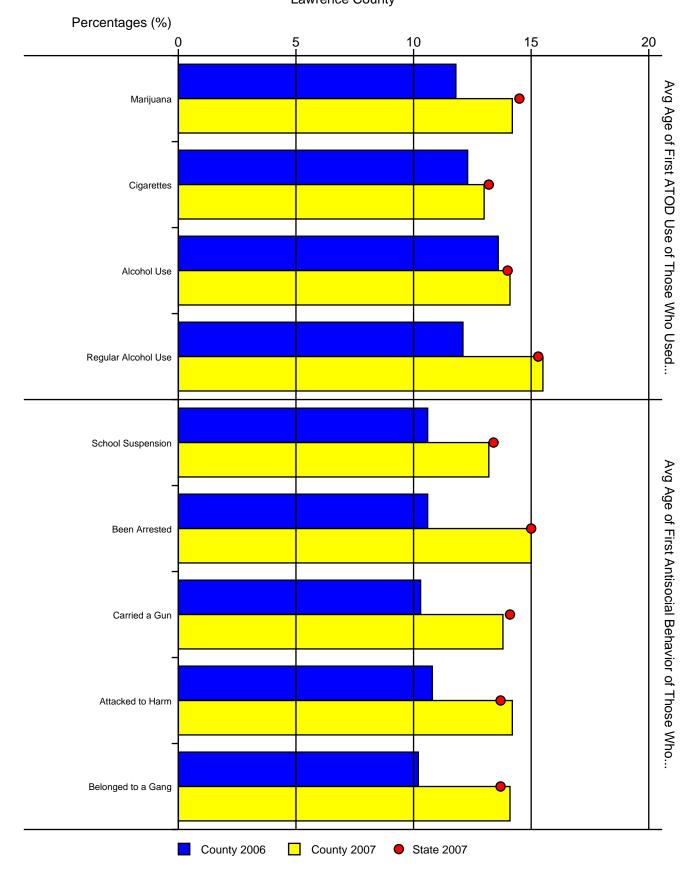


Figure 20: No Child Left Behind Profile, Grade 12

SOURCES AND PLACES OF ALCOHOL USE, GRADE 6 Lawrence County

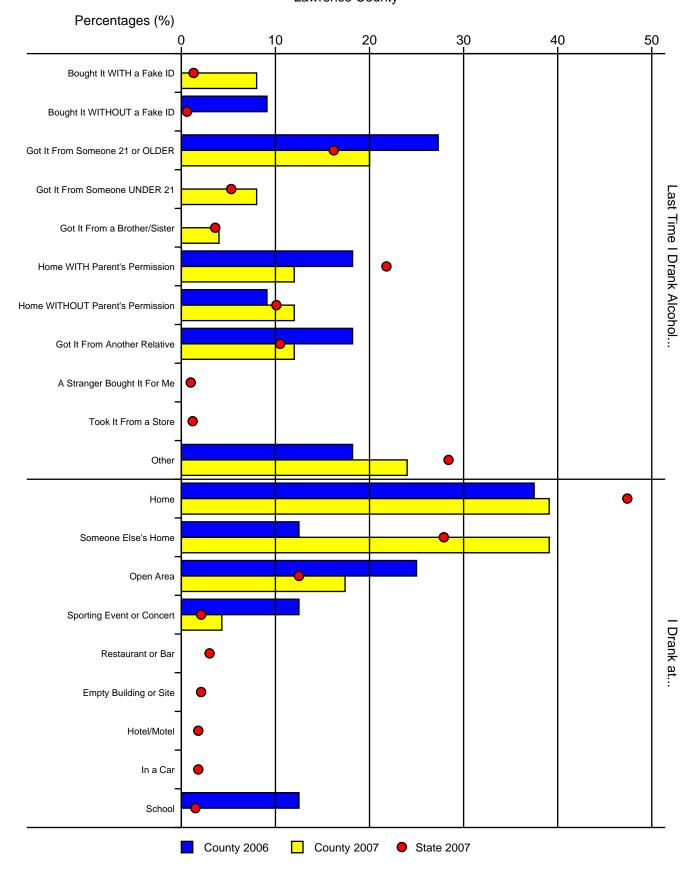


Figure 21: Sources and Places of Alcohol Use, Grade 6

SOURCES AND PLACES OF ALCOHOL USE, GRADE 8 Lawrence County

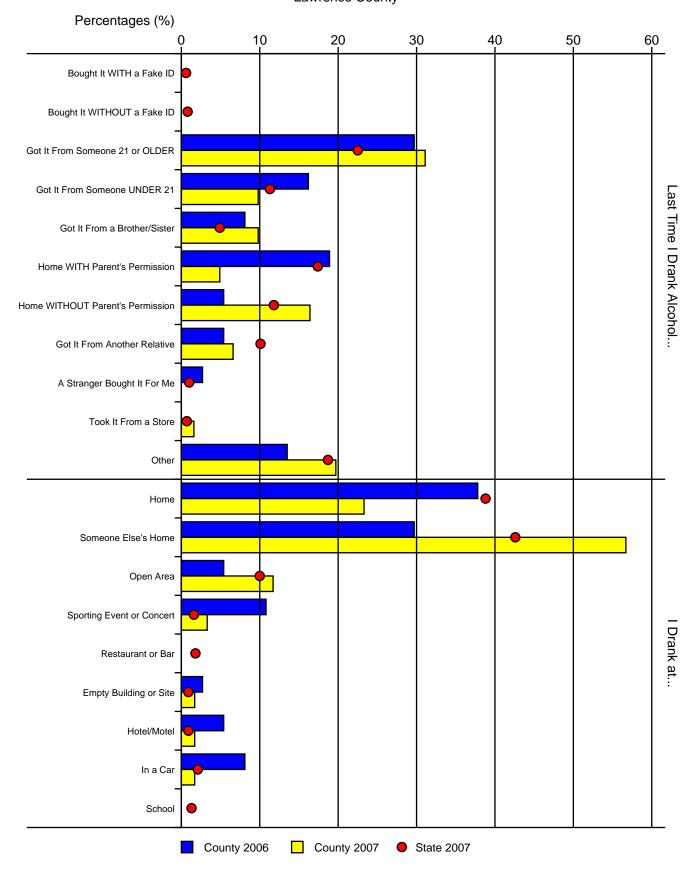


Figure 22: Sources and Places of Alcohol Use, Grade $8\,$

SOURCES AND PLACES OF ALCOHOL USE, GRADE 10 Lawrence County

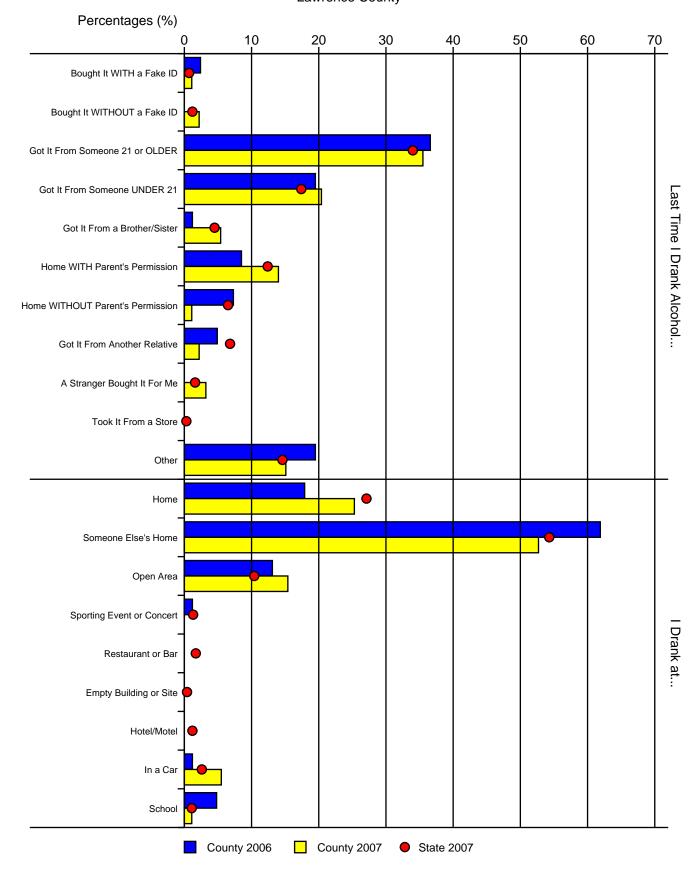


Figure 23: Sources and Places of Alcohol Use, Grade 10

SOURCES AND PLACES OF ALCOHOL USE, GRADE 12 Lawrence County

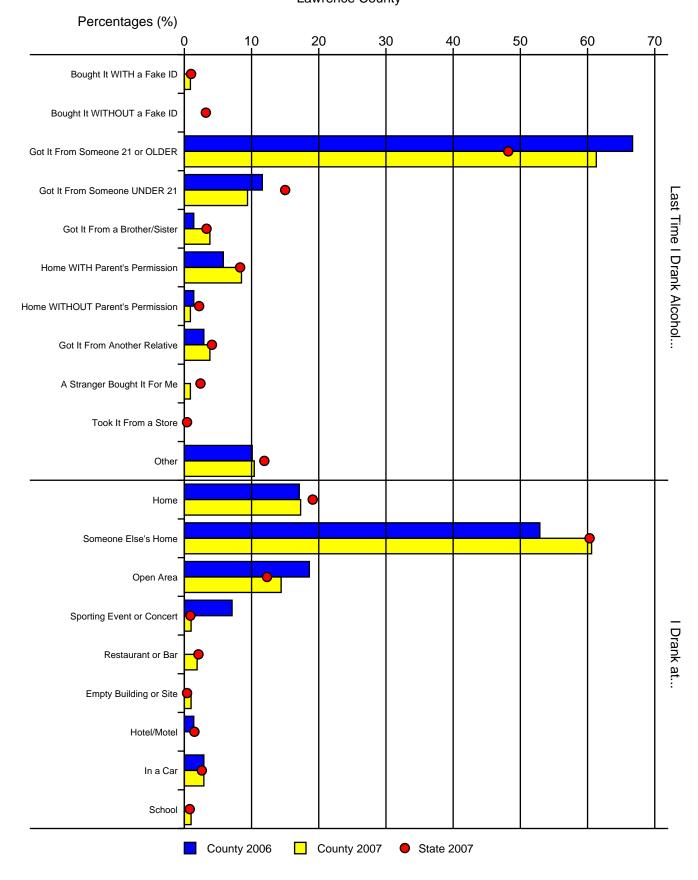


Figure 24: Sources and Places of Alcohol Use, Grade 12

SOURCES AND PLACES OF CIGARETTE USE, GRADE 6 Lawrence County

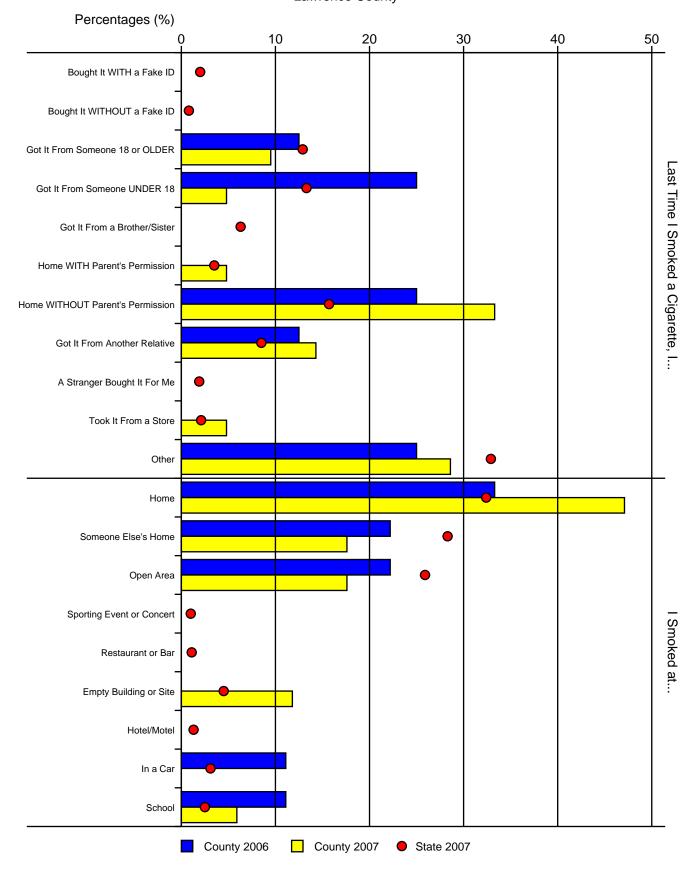


Figure 25: Sources and Places of Cigarette Use, Grade $6\,$

SOURCES AND PLACES OF CIGARETTE USE, GRADE 8 Lawrence County

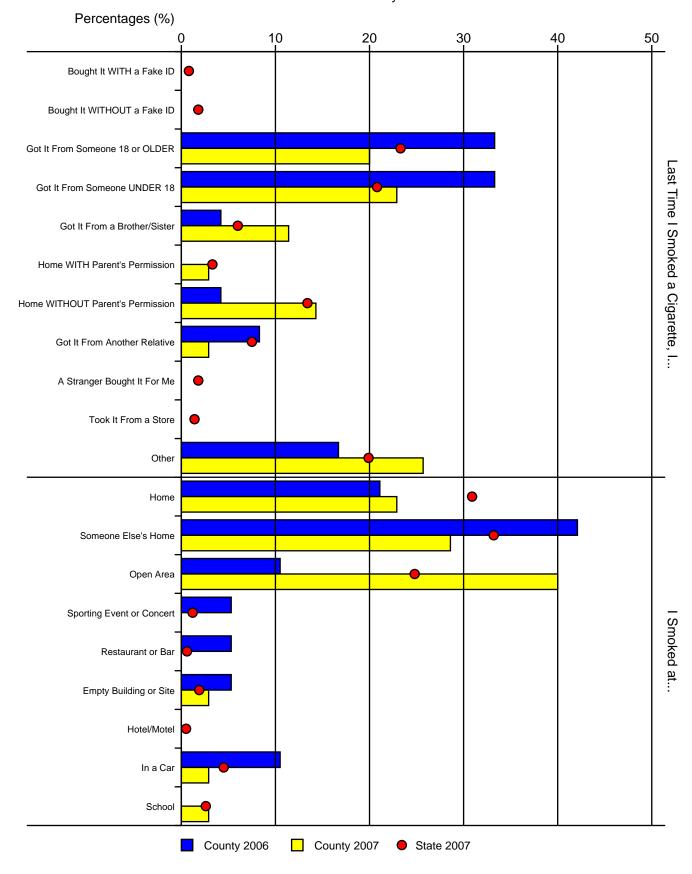


Figure 26: Sources and Places of Cigarette Use, Grade $8\,$

SOURCES AND PLACES OF CIGARETTE USE, GRADE 10 Lawrence County

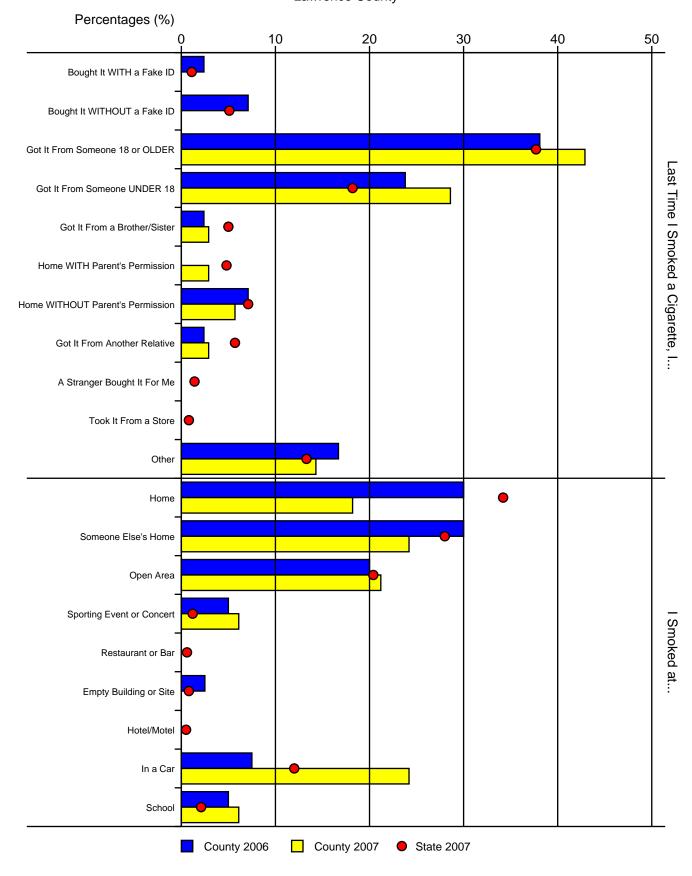


Figure 27: Sources and Places of Cigarette Use, Grade 10

SOURCES AND PLACES OF CIGARETTE USE, GRADE 12 Lawrence County

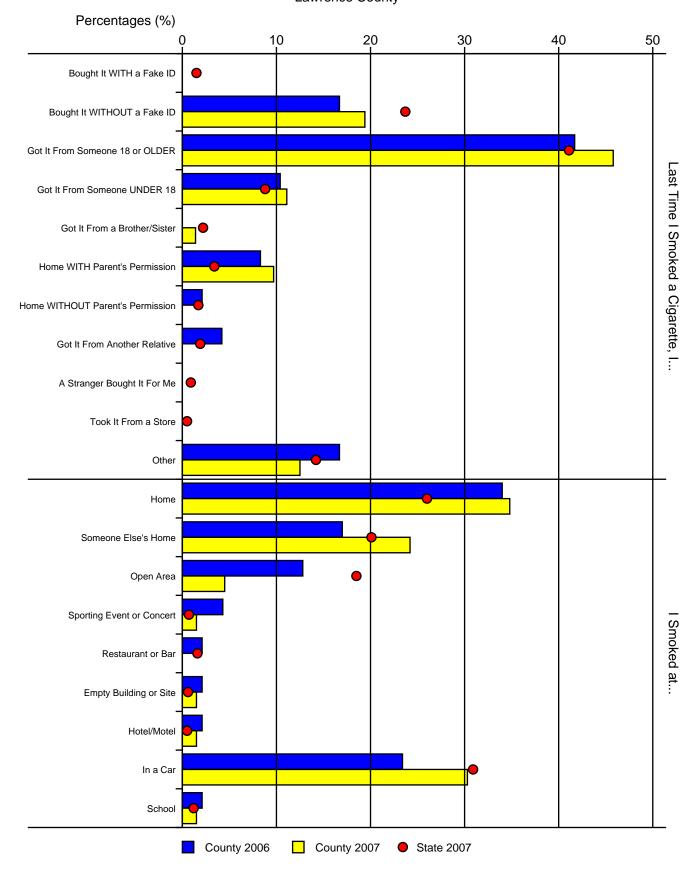


Figure 28: Sources and Places of Cigarette Use, Grade 12

Table 3: Risk and Protective Factor Scale Definition

Table 3: Risk and Protective Factor Scale Definition Community Domain Risk Factors								
Community and Danson al								
Community and Personal	Neighborhoods with high rates of residential mobility have been shown to have higher rates of							
Transitions & Mobility	juvenile crime and drug selling, while children who experience frequent residential moves and							
stressful life transitions have been shown to have higher risk for school failure, delinquency, and								
drug use. Community Research has shown that neighborhoods with high population density lack of natural surveillance								
Community	Research has shown that neighborhoods with high population density, lack of natural surveillance							
Disorganization	of public places, physical deterioration, and high rates of adult crime also have higher rates of							
	juvenile crime and drug selling.							
Low Neighborhood	A low level of bonding to the neighborhood is related to higher levels of juvenile crime and drug							
Attachment	selling.							
Laws and Norms	Research has shown that legal restrictions on alcohol and tobacco use, such as raising the legal							
Favorable Toward	drinking age, restricting smoking in public places, and increased taxation have been followed by							
Drug Use	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	The availability of cigarettes, alcohol, marijuana, and other illegal drugs has been related to the							
Drugs and Handguns	use of these substances by adolescents. The availability of handguns is also related to a higher risk							
	of crime and substance use by adolescents.							
	Community Domain Protective Factors							
Opportunities for	When opportunities are available in a community for positive participation, children are less likely							
Positive Involvement	to engage in substance use and other problem behaviors.							
Rewards for Positive	Rewards for positive participation in activities help children bond to the community, thus lowering							
Involvement	their risk for substance use.							
	Family Domain Risk Factors							
Family History of	When children are raised in a family with a history of problem behaviors (e.g., violence or ATOD							
Antisocial Behavior	use), the children are more likely to engage in these behaviors.							
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.							
Parental Attitudes	In families where parents use illegal drugs, are heavy users of alcohol, or are tolerant of children's							
Favorable Toward	use, children are more likely to become drug abusers during adolescence. The risk is further							
Antisocial Behavior &	increased if parents involve children in their own drug (or alcohol) using behavior, for example,							
Drugs	asking the child to light the parent's cigarette or get the parent a beer from the refrigerator.							
Poor Family	Parents' use of inconsistent and/or unusually harsh or severe punishment with their children							
Management	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 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	Young people who are exposed to more opportunities to participate meaningfully in the respon-							
Positive Involvement	sibilities and activities of the family are less likely to engage in drug use and other problem							
	behaviors.							
Rewards for Positive	When parents, siblings, and other family members praise, encourage, and attend to things done							
Involvement	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	Surveys of high school seniors have shown that the use of hallucinogens, cocaine, heroin, stimulants,							
to School	and sedatives or non-medically prescribed tranquilizers is significantly lower among students who							
to School	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							
to School								
to School	expect to attend college than among those who do not. Factors such as liking school, spending							

Table 4: Risk and Protective Factor Scale Definition (Continued)

School Domain Protective Factors Opportunities for Positive Involvement	e less eater or to
Positive Involvement ities at school, they are less likely to engage in drug use and other problem behaviors. When young people are recognized and rewarded for their contributions at school, they are likely to be involved in substance use and other problem behaviors. Peer-Individual Risk Factors Early Initiation of Antisocial Behavior and Drug Use the age of 15 is a consistent predictor of drug abuse, and a later age of onset of drug use has shown to predict lower drug involvement and a greater probability of discontinuation of use. Attitudes Favorable Toward Antisocial Behavior and However, in middle school, as more youth are exposed to others who use drugs and engage in drug use and other problem behaviors. When young people are recognized and rewarded for their contributions at school, they are less likely to engage in drug use and other problem behaviors. Peer-Individual Risk Factors Early Initiation of drug use, the greater frequency of use. Onset of drug use prid the involvement in other drug use and the greater frequency of use. Onset of drug use has shown to predict lower drug involvement and a greater probability of discontinuation of use. Attitudes Favorable During the elementary school years, most children express anti-drug, anti-crime, and prospective for the problem behaviors.	e less eater or to
Rewards for Positive Involvement When young people are recognized and rewarded for their contributions at school, they are likely to be involved in substance use and other problem behaviors. Peer-Individual Risk Factors Early Initiation of Antisocial Behavior and Drug Use the involvement in other drug use and the greater frequency of use. Onset of drug use pri the age of 15 is a consistent predictor of drug abuse, and a later age of onset of drug use has shown to predict lower drug involvement and a greater probability of discontinuation of use. Attitudes Favorable Toward Antisocial Behavior and However, in middle school, as more youth are exposed to others who use drugs and engage in antisocial behavior and the probability of the probability of the age of 15 is a consistent predictor of drug abuse, and a later age of onset of drug use has shown to predict lower drug involvement and a greater probability of discontinuation of use. Attitudes Favorable During the elementary school years, most children express anti-drug, anti-crime, and prosecuted to the probability of the proba	eater or to
Positive Involvement likely to be involved in substance use and other problem behaviors. Peer-Individual Risk Factors Early Initiation of Antisocial Behavior and Drug Use the age of 15 is a consistent predictor of drug abuse, and a later age of onset of drug use has shown to predict lower drug involvement and a greater probability of discontinuation of use. Attitudes Favorable Toward Antisocial Behavior and However, in middle school, as more youth are exposed to others who use drugs and engage in antisocial behavior and substance use and other problem behaviors. Peer-Individual Risk Factors Early Initiation of trug use, the greater frequency of use. Onset of drug use prid the involvement in other drug use and the greater frequency of use. Onset of drug use has shown to predict lower drug involvement and a greater probability of discontinuation of use. Attitudes Favorable During the elementary school years, most children express anti-drug, anti-crime, and prostative and have difficulty imagining why people use drugs or engage in antisocial behavior and However, in middle school, as more youth are exposed to others who use drugs and engage in the involvement in other drug use and the greater frequency of use. Onset of drug use, the greater frequency of use. Onset of drug use, the greater frequency of use. Onset of drug use, the greater frequency of use. Onset of drug use, the greater frequency of use. Onset of drug use, the greater frequency of use. Onset of drug use, the greater frequency of use. Onset of drug use, the greater frequency of use. Onset of drug use, the greater frequency of use. Onset of drug use, the greater frequency of use. Onset of drug use, the greater frequency of use. Onset of drug use, the greater frequency of use. Onset of drug use, the greater frequency of use. Onset of drug use, the greater frequency of use. Onset of drug use, the greater frequency of use.	eater or to
Peer-Individual Risk Factors Early Initiation of Antisocial Behavior and Drug Use Attitudes Favorable Toward Antisocial Behavior and Peer-Individual Risk Factors Early onset of drug use predicts misuse of drugs. The earlier the onset of any drug use, the greater frequency of use. Onset of drug use pri the age of 15 is a consistent predictor of drug abuse, and a later age of onset of drug use has shown to predict lower drug involvement and a greater probability of discontinuation of use. Attitudes Favorable Toward Antisocial Behavior and However, in middle school, as more youth are exposed to others who use drugs and engage in antisocial behave the control of the properties of the p	or to
Early Initiation of Antisocial Behavior and Drug Use Early onset of drug use predicts misuse of drugs. The earlier the onset of any drug use, the greater frequency of use. Onset of drug use pri the age of 15 is a consistent predictor of drug abuse, and a later age of onset of drug use has shown to predict lower drug involvement and a greater probability of discontinuation of use. Attitudes Favorable Toward Antisocial Behavior and Early onset of drug use predicts misuse of drugs. The earlier the onset of any drug use, the greater frequency of use. Onset of drug use has shown to predict lower drug involvement and a greater probability of discontinuation of use. During the elementary school years, most children express anti-drug, anti-crime, and prostatiudes and have difficulty imagining why people use drugs or engage in antisocial behave. However, in middle school, as more youth are exposed to others who use drugs and engage.	or to
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Toward Antisocial attitudes and have difficulty imagining why people use drugs or engage in antisocial behavior and However, in middle school, as more youth are exposed to others who use drugs and engage in antisocial behavior and the school are exposed to others who use drugs and engage in antisocial behavior and the school are exposed to other who use drugs and engage in antisocial behavior and the school are exposed to other who use drugs and engage in antisocial behavior and the school are exposed to other who use drugs are exposed to other who are exposed to other who.	
Behavior and However, in middle school, as more youth are exposed to others who use drugs and enga	ocial
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Drug Use antisocial behavior their attitudes often shift toward greater accentance of these behaviors. Y	ge in
anonocial behavior, onen accidence onten anni toward greater acceptance of these behaviors.	outh
who express positive attitudes toward drug use and antisocial behavior are more likely to en	
in a variety of problem behaviors, including drug use.	0.0.
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 as	
the strongest predictors of substance use among youth. Even when young people come from	
managed families and do not experience other risk factors, spending time with friends wh	
drugs greatly increases the risk of that problem developing.	, abc
Interaction with Young people who associate with peers who engage in problem behaviors are at higher ris	k for
Antisocial Peers engaging in antisocial behavior themselves.	101
Perceived Risk of Young people who do not perceive drug use to be risky are far more likely to engage in drug	1100
Drug Use	use.
Rewards for Young people who receive rewards for their antisocial behavior are at higher risk for eng	
Antisocial Behavior further in antisocial behavior and substance use.	ıgıng
Rebelliousness Young people who do not feel part of society, are not bound by rules, don't believe in trying	to bo
successful or responsible, or who take an active rebellious stance toward society, are at highe	
of abusing drugs. In addition, high tolerance for deviance, a strong need for independence	
normlessness have all been linked with drug use.	and
Sensation Seeking Young people who seek out opportunities for dangerous, risky behavior in general are at h	ighon
risk for participating in drug use and other problem behaviors.	gner
Intention to Use ATODs Many prevention programs focus on reducing the intention of participants to use ATODs lat	er in
life. Reduction of intention to use ATODs often follows successful prevention interventions.	
Depressive Symptoms Young people who are depressed are overrepresented in the criminal justice system and are	
likely to use drugs. Survey research and other studies have shown a link between depression	and
other youth problem behaviors.	
Gang Involvement Youth who belong to gangs are more at risk for antisocial behavior and drug use.	
Peer-Individual Protective Factors	
Religiosity Young people who regularly attend religious services are less likely to engage in problem behavior	
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.	
Opportunities for Participation in positive school and community activities helps provide protection for youth	
Prosocial Involvement	
Rewards for Young people who are rewarded for working hard in school and volunteering in the communit	y are
Prosocial Involvement less likely to engage in problem behavior.	
	from
Interaction with Young people who associate with peers who engage in prosocial behavior are more protected	

Table 5: Number of Students Who Completed the Survey

		Grade 6			Grade 8			Grade 10			Grade 12	
Surveys Completed	County	County	State	County	County	State	County	County	State	County	County	State
	2006	2007	2007	2006	2007	2007	2006	2007	2007	2006	2007	2007
Number of Youth	174	200	22910	165	197	22082	181	186	19315	144	174	15291

Table 6: Percentage of Students Who Used ATODs During Their Lifetime

		Grade 6			Grade 8			Grade 10			Grade 12	
Drug Used	County	County	State	County	County	State	County	County	State	County	County	State
	2006	2007	2007	2006	2007	2007	2006	2007	2007	2006	2007	2007
Alcohol	10.9	23.9	17.7	44.2	49.7	41.0	63.0	62.8	62.1	72.7	74.3	71.9
Cigarettes	14.1	16.2	10.8	32.7	34.6	26.8	49.7	34.5	40.0	61.3	61.2	49.7
Chewing Tobacco	13.0	10.7	6.1	25.2	21.9	13.5	30.0	21.5	19.6	34.5	29.4	23.2
Marijuana	1.1	3.0	1.5	11.0	8.3	9.5	20.6	21.0	23.4	34.5	35.5	34.8
Hallucinogens	0.6	0.5	0.2	1.2	1.1	0.7	2.2	0.6	2.0	5.6	4.7	4.0
Cocaine	0	0.5	0.4	0	1.7	1.2	2.8	1.7	2.4	7.7	4.1	5.0
Inhalants	6.9	8.1	9.3	15.2	18.4	16.0	12.2	14.4	14.9	13.9	13.5	12.0
Sedatives	5.2	2.5	4.9	8.0	11.2	10.2	14.4	12.8	16.6	16.1	22.2	20.2
Meth	0.6	0.5	0.4	1.2	1.1	1.2	3.9	0.6	2.1	6.3	4.1	3.4
Stimulants	0.6	0	0.5	3.0	2.2	1.6	7.2	2.8	4.6	7.6	6.5	6.9
Heroin	0	0	0.3	0.6	0	0.6	3.3	0.6	1.1	2.8	1.8	2.0
Ecstasy	0	0	0.2	0.6	1.7	1.2	5.5	3.4	3.4	8.3	7.0	5.4
Any Drug	10.5	11.1	13.2	21.7	27.2	25.0	28.5	31.5	35.0	41.0	44.4	42.3

Table 7: Percentage of Students Who Used ATODs During the Past 30 Days

		Grade 6			Grade 8			Grade 10			Grade 12	
Drug Used	County	County	State	County	County	State	County	County	State	County	County	State
	2006	2007	2007	2006	2007	2007	2006	2007	2007	2006	2007	2007
Alcohol	3.4	3.6	3.6	21.3	19.9	15.5	23.2	31.5	30.3	38.9	34.5	40.3
Cigarettes	1.8	4.5	1.9	13.4	11.2	8.1	19.0	10.1	15.3	30.3	31.8	23.5
Chewing Tobacco	3.0	3.1	1.7	9.3	12.4	5.5	15.6	11.3	9.5	14.7	13.5	10.8
Marijuana	1.1	1.0	0.5	4.8	2.8	4.1	9.4	11.7	10.4	14.1	11.2	15.3
Hallucinogens	0.6	0	0.1	0.6	1.1	0.3	2.2	0	0.6	4.2	0.6	1.1
Cocaine	0.6	0.5	0.2	0	1.1	0.5	1.7	0	0.6	4.9	1.2	0.9
Inhalants	4.0	3.6	3.9	7.3	6.2	6.5	4.4	2.8	4.1	4.9	2.3	2.3
Sedatives	1.2	0.5	1.9	4.3	7.9	4.6	9.4	6.7	7.6	10.4	11.7	9.2
Meth	0	0	0.1	0.6	0.6	0.4	2.2	0	0.6	3.5	0.6	0.6
Stimulants	0	0	0.2	1.8	0.6	0.7	3.3	0	1.4	4.2	0.6	1.8
Heroin	0	0	0.1	0.6	0	0.2	2.2	0	0.3	1.4	0	0.6
Ecstasy	0	0	0.1	0	0.6	0.4	1.1	0.6	1.0	2.1	0	1.4
Any Drug	5.9	4.5	5.9	12.3	12.8	12.2	14.4	16.0	17.1	20.9	19.9	20.6

Table 8: Percentage of Students With Heavy Use of Alcohol and Cigarettes

		Grade 6			Grade 8			Grade 10			Grade 12	
Drug Used	County	County	State	County	County	State	County	County	State	County	County	State
-	2006	2007	2007	2006	2007	2007	2006	2007	2007	2006	2007	2007
Binge Drinking	2.9	4.1	3.5	14.8	14.0	10.3	18.4	22.5	19.3	22.5	26.9	26.0
Pack of Cigarettes	0	0	0.1	0	1.7	0.7	2.2	1.7	1.8	7.7	4.7	3.1

Table 9: Percentage of Students With Antisocial Behavior in the Past Year

		Grade 6			Grade 8			Grade 10			Grade 12	
Behavior	County	County	State	County	County	State	County	County	State	County	County	State
	2006	2007	2007	2006	2007	2007	2006	2007	2007	2006	2007	2007
Suspended from School	6.3	5.1	11.1	14.6	9.5	16.6	11.7	9.2	14.8	6.3	5.2	10.6
Drunk or High at School	1.2	1.0	2.0	7.9	10.1	8.3	12.2	10.8	15.0	16.0	18.6	18.7
Sold Illegal Drugs	0	0.5	0.4	4.3	3.2	2.6	5.0	5.1	6.4	13.3	8.1	8.7
Stolen Vehicle	1.7	1.5	1.3	3.0	3.7	2.7	6.1	3.2	3.4	2.8	1.7	2.2
Been Arrested	1.7	2.1	2.2	10.3	5.9	5.7	6.1	5.9	7.4	7.0	4.1	7.1
Attacked to Harm	11.6	12.1	13.1	16.4	20.9	18.1	14.9	16.8	18.0	13.2	13.4	14.6
Carried a Handgun	6.4	2.0	4.0	2.5	7.9	5.3	6.6	7.6	6.0	7.0	5.2	5.7
Handgun to School	0.6	0	0.4	0	1.1	0.8	0.6	1.1	0.9	2.1	2.3	0.9

Table 10: Percentage of Students Reporting Protection

		Grade 6			Grade 8			Grade 10			Grade 12	
Protective Factor	County	County	State	County	County	State	County	County	State	County	County	State
	2006	2007	2007	2006	2007	2007	2006	2007	2007	2006	2007	2007
Community												
Opportunities for												
Prosocial Involvement	63.0	41.0	44.7	79.7	42.1	50.5	75.6	50.6	48.4	76.5	43.9	48.4
Rewards for												
Prosocial Involvement	63.2	47.9	51.7	51.7	41.0	43.3	50.3	50.9	49.3	55.4	51.5	48.4
Family												
Family Attachment	60.3	67.0	57.0	55.2	60.8	52.6	39.5	45.3	45.3	60.3	48.4	56.2
Opportunities for												
Prosocial Involvement	65.3	61.0	62.1	64.0	65.8	63.9	48.8	58.4	55.1	60.1	48.1	55.6
Rewards for												
Prosocial Involvement	64.0	61.3	55.8	64.6	66.2	64.2	45.3	54.8	54.7	57.4	51.6	54.4
School												
Opportunities for												
Prosocial Involvement	55.0	53.3	49.2	69.0	71.6	66.5	57.5	72.0	65.3	63.9	69.8	65.2
Rewards for												
Prosocial Involvement	64.7	68.9	58.9	60.6	63.3	56.1	66.5	67.2	64.5	59.6	59.9	50.0
Peer / Individual												
Religiosity	74.4	63.2	63.7	72.4	63.4	68.0	65.4	61.7	64.9	80.6	80.8	86.1
Social Skills	76.3	77.3	71.0	64.4	65.1	66.9	57.7	56.0	57.4	72.2	67.4	67.4
Belief in Moral Order	75.5	71.8	65.0	64.4	63.9	64.4	62.7	69.1	66.5	51.4	52.6	51.4
Interaction with												
Prosocial Peers	87.9	65.6	56.7	84.6	61.7	65.3	88.2	65.1	63.3	87.2	57.9	60.5
Prosocial Involvement	49.7	45.1	43.2	47.6	47.1	47.6	46.7	47.6	49.1	42.7	35.5	43.5
Rewards for												
Prosocial Involvement	69.5	66.0	63.2	75.8	66.7	69.8	56.0	55.9	64.1	50.3	40.4	53.9

Table 11: Percentage of Students Reporting Risk

		Grade 6			Grade 8			Grade 10			Grade 12	
Risk Factor	County	County	State	County	County	State	County	County	State	County	County	State
	2006	2007	2007	2006	2007	2007	2006	2007	2007	2006	2007	2007
Community												
Low Neighborhood												
Attachment	37.2	43.1	44.3	31.2	34.3	36.2	42.3	41.0	41.6	40.7	46.4	45.3
Community												
Disorganization	32.9	42.9	37.2	35.6	37.0	32.8	52.6	58.1	45.2	54.3	52.7	43.3
Transitions and												
Mobility	26.2	38.5	52.6	36.2	42.1	56.6	41.0	52.0	60.5	31.3	46.2	49.6
Laws and Norms												
Favor Drug Use	71.3	39.4	41.0	36.0	38.0	34.9	19.8	40.1	40.9	18.0	35.5	33.6
Perceived Availability												
of Drugs	16.0	24.6	22.4	33.6	30.9	27.6	46.8	44.2	38.9	49.3	47.9	45.8
Perceived Availability												
of Handguns	27.8	24.9	25.7	46.9	44.4	39.3	35.1	30.9	33.1	41.4	36.4	38.7
Family												
Poor Family												
Management	29.2	29.1	35.9	34.4	34.0	38.2	40.5	37.3	37.5	40.7	42.4	39.6
Family Conflict	37.2	28.5	36.2	54.5	49.7	47.6	36.4	37.7	39.4	32.8	34.0	35.4
Family History of												
ASB	16.4	33.7	34.9	18.1	40.8	37.1	22.7	37.9	40.8	10.9	40.1	37.7
Parent Attitudes												
Favorable to ASB	26.9	28.7	32.7	53.1	54.0	45.3	55.5	52.2	50.1	36.4	55.2	48.4
Parent Attitudes												
Favorable to ATOD	13.6	13.3	13.3	34.7	28.4	27.0	40.9	42.8	41.7	47.1	46.7	41.4
School									_			
Academic Failure	44.8	42.0	44.2	49.1	61.5	47.0	46.9	48.1	48.5	42.4	32.5	41.3
Low Commitment	06.0	26.7	40.0	61.1	40.6	25.2	50.0	07.1	20.5		-1-	40.0
to School	86.3	36.7	42.0	61.1	40.6	35.3	58.0	37.1	39.5	57.2	51.5	42.2
Peer / Individual	40.7	42.4	46.0	20.0	40.0	20.1	44.6	40.4	44.6	24.0	44.4	42.0
Rebelliousness	40.7	43.4	46.8	38.0	40.0	38.1	44.6	40.4	44.6	34.8	44.4	43.0
Early Initiation of ASB	21.4	10.7	25.0	25.0	26.5	27.2	24.1	20.6	40.6	25.0	25.5	20.1
Early Initiation	21.4	19.7	25.9	35.8	36.5	37.3	34.1	30.6	40.6	35.9	35.5	39.1
of ATOD	14.7	32.1	25.4	13.7	38.6	28.7	25.4	29.0	32.4	50.0	43.6	33.0
Attitudes Favorable	14.7	32.1	25.4	13.7	30.0	20.1	23.4	29.0	32.4	30.0	43.0	33.0
to ASB	26.4	33.5	37.5	34.4	32.1	33.3	43.6	34.9	41.7	37.3	36.0	39.0
Attitudes Favorable	20.4	33.3	31.3	34.4	32.1	33.3	43.0	34.3	71.1	37.5	30.0	33.0
to ATOD	15.2	16.8	17.9	31.3	29.3	22.8	34.3	34.9	33.1	32.9	32.6	32.9
Perceived Risk of	10.2	20.0	21.5	01.0	25.5		00	05	33.2	52.5	52.0	02.3
Drug Use	25.0	32.3	32.6	34.8	36.1	36.4	31.8	33.7	34.6	39.9	42.9	41.6
Interaction with		00									1-14	
Antisocial Peers	39.8	29.0	38.9	53.7	39.4	50.6	53.1	41.9	52.1	55.7	41.5	49.4
Friends' Use of Drugs	21.3	22.4	20.6	37.4	36.6	30.8	30.2	30.3	33.1	28.6	35.3	31.0
Sensation Seeking	40.1	42.6	50.6	48.5	53.2	49.6	48.0	49.5	48.4	42.4	51.5	50.5
Rewards for		-										
Antisocial Behavior	20.4	23.2	22.1	41.0	43.9	37.4	46.9	47.3	41.3	58.7	59.1	54.8
Depressive Symptoms	42.9	29.7	39.5	47.1	48.9	44.1	48.3	44.8	46.2	35.9	45.3	40.4
Intention to												
I		1		1	1		I	1		I	I	
Use Drugs	25.9	34.5	35.3	31.3	29.6	26.4	36.1	35.4	38.3	26.6	29.2	28.7

Table 12: Percentage of Students Reporting School Safety Issues

		Grade 6			Grade 8			Grade 10			Grade 12	
Response	County	County	State	County	County	State	County	County	State	County	County	State
	2006	2007	2007	2006	2007	2007	2006	2007	2007	2006	2007	2007
I feel safe at my sch	iool.	<u> </u>										
NO!	2.9	3.1	6.2	4.2	5.9	8.2	8.9	3.8	9.4	4.9	4.1	6.8
no	10.5	5.6	9.2	10.9	7.0	15.1	10.6	12.5	15.0	11.1	4.7	12.0
yes	34.5	27.6	37.4	50.9	50.8	49.3	54.4	53.8	54.3	59.7	60.2	55.6
YES!	52.0	63.8	47.1	33.9	36.4	27.4	26.1	29.9	21.3	24.3	31.0	25.5
How many times in	the past h	ave you ta	ken a hai	ndgun to s	chool?					<u>'</u>		
Never	99.4	100.0	99.6	100.0	98.9	99.2	99.4	98.9	99.1	97.9	97.7	99.1
1-2 times	0.6	0	0.2	0	0	0.3	0.6	0	0.4	0	1.7	0.3
3-5 times	0	0	0.1	0	0	0.1	0	0	0.2	0.7	0	0.1
6-9 times	0	0	0.0	0	0	0.1	0	0.5	0.1	0	0	0.1
10-19 times	0	0	0.0	0	0	0.1	0	0	0.1	0	0	0.1
20-29 times	0	0	0.0	0	0	0.0	0	0	0.0	1.4	0	0.0
30-39 times	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
40+ times	0	0	0.0	0	1.1	0.1	0	0.5	0.2	0	0.6	0.2
How wrong do you	think it is	for someor	ne your ag	ge to take	a handgun	to schoo	1?					
Very Wrong	94.8	94.9	93.3	85.5	93.1	86.7	85.1	86.6	87.1	90.3	91.9	90.3
Wrong	4.6	4.6	5.3	13.3	3.2	9.8	11.6	9.7	9.2	6.3	6.4	6.8
A Little Bit Wrong	0	0.5	0.9	0	2.1	2.6	1.7	3.2	2.6	1.4	0.6	2.0
Not Wrong at All	0.6	0	0.5	1.2	1.6	0.9	1.7	0.5	1.0	2.1	1.2	1.0
Have any of your br	others or s	sisters ever	taken a	handgun t	o school?							
No	95.6	95.9	95.0	95.1	94.3	94.0	95.9	91.0	93.2	89.9	92.5	92.9
Yes	0	0	0.9	0.7	1.3	1.6	0.6	2.6	2.2	2.9	1.3	2.1
I don't have any												
brothers or sisters	4.4	4.1	4.1	4.2	4.5	4.4	3.5	6.5	4.7	7.2	6.3	5.0

Table 13: Average Age of First ATOD Use and Antisocial Behavior

		Grade 6			Grade 8			Grade 10			Grade 12	
	County	County	State	County	County	State	County	County	State	County	County	State
	2006	2007	2007	2006	2007	2007	2006	2007	2007	2006	2007	2007
Avg Age of First ATO	DD Use of	Those Wh	o Used									
Marijuana	10.0	10.7	10.8	10.3	11.6	12.0	10.9	13.4	13.3	11.8	14.2	14.5
Cigarettes	10.3	10.5	10.4	10.8	11.1	11.2	11.6	12.1	12.1	12.3	13.0	13.2
Alcohol Use	10.3	10.5	10.5	11.3	11.6	11.6	12.5	13.0	12.9	13.6	14.1	14.0
Regular Alcohol Use	10.1	11.2	11.0	10.5	12.1	12.3	11.3	13.9	14.0	12.1	15.5	15.3
Avg Age of First Ant	isocial Bel	navior of T	hose Who	D								
School Suspension	10.2	10.2	10.5	10.6	11.8	11.6	10.8	13.4	12.5	10.6	13.2	13.4
Been Arrested	10.0	10.7	10.9	10.4	12.9	12.3	10.4	13.6	13.6	10.6	15.0	15.0
Carried a Gun	10.1	11.2	10.8	10.2	10.6	11.7	10.3	11.7	12.8	10.3	13.8	14.1
Attacked to Harm	10.2	10.8	10.7	10.4	11.9	11.7	10.7	13.1	12.8	10.8	14.2	13.7
Belonged to a Gang	10.1	10.9	11.0	10.2	12.1	12.2	10.4	13.5	13.1	10.2	14.1	13.7

Table 14: Average Age of First ATOD Use and Antisocial Behavior - Total

		Total Aver	age
	County	County	State
	2006	2007	2007
Avg Age of First ATC	OD Use of	Those Wh	no Used
Marijuana	10.7	13.4	13.6
Cigarettes	11.2	12.0	12.0
Alcohol Use	11.9	12.7	12.6
Regular Alcohol Use	10.9	14.2	14.1
Avg Age of First Ant	isocial Bel	navior of T	hose Who
School Suspension	10.6	12.5	12.0
Been Arrested	10.3	13.7	13.5
Carried a Gun	10.2	11.9	12.4
Attacked to Harm	10.5	12.6	12.2
Belonged to a Gang	10.2	12.5	12.4

Table 15: Percentage of Students Reporting Alcohol Use

		Grade 6			Grade 8			Grade 10			Grade 12	
Risk Factor	County	County	State	County	County	State	County	County	State	County	County	State
	2006	2007	2007	2006	2007	2007	2006	2007	2007	2006	2007	2007
Last Time I Drank Alcol	10l						'			•		
Bought It												
WITH a Fake ID	0	8.0	1.3	0	0	0.6	2.4	1.1	0.7	0	0.9	1.0
Bought It												
WITHOUT a Fake ID	9.1	0	0.6	0	0	8.0	0	2.2	1.2	0	0	3.2
Got It From												
Someone 21 or OLDER	27.3	20.0	16.2	29.7	31.1	22.5	36.6	35.5	34.0	66.7	61.3	48.2
Got It From												
Someone UNDER 21	0	8.0	5.3	16.2	9.8	11.3	19.5	20.4	17.4	11.6	9.4	15.0
Got It From												
a Brother/Sister	0	4.0	3.6	8.1	9.8	4.9	1.2	5.4	4.5	1.4	3.8	3.3
Home WITH												
Parent's Permission	18.2	12.0	21.8	18.9	4.9	17.4	8.5	14.0	12.4	5.8	8.5	8.3
Home WITHOUT												
Parent's Permission	9.1	12.0	10.1	5.4	16.4	11.8	7.3	1.1	6.5	1.4	0.9	2.2
Got It From												
Another Relative	18.2	12.0	10.5	5.4	6.6	10.1	4.9	2.2	6.8	2.9	3.8	4.1
A Stranger												
Bought It For Me	0	0	1.0	2.7	0	1.0	0	3.2	1.6	0	0.9	2.4
Took It												
From a Store	0	0	1.2	0	1.6	0.7	0	0	0.3	0	0	0.4
Other	18.2	24.0	28.4	13.5	19.7	18.7	19.5	15.1	14.6	10.1	10.4	11.9
I Drank at												
Home	37.5	39.1	47.4	37.8	23.3	38.8	17.9	25.3	27.1	17.1	17.3	19.1
Someone Else's Home	12.5	39.1	27.9	29.7	56.7	42.6	61.9	52.7	54.3	52.9	60.6	60.3
Open Area	25.0	17.4	12.5	5.4	11.7	10.0	13.1	15.4	10.4	18.6	14.4	12.3
Sporting Event												
or Concert	12.5	4.3	2.1	10.8	3.3	1.6	1.2	0	1.3	7.1	1.0	0.9
Restaurant or Bar	0	0	3.0	0	0	1.8	0	0	1.7	0	1.9	2.1
Empty Building												
or Site	0	0	2.1	2.7	1.7	0.9	0	0	0.4	0	1.0	0.4
Hotel/Motel	0	0	1.8	5.4	1.7	0.9	0	0	1.2	1.4	0	1.5
In a Car	0	0	1.8	8.1	1.7	2.1	1.2	5.5	2.6	2.9	2.9	2.6
School	12.5	0	1.5	0	0	1.3	4.8	1.1	1.1	0	1.0	8.0

Table 16: Percentage of Students Reporting Cigarette Use

		Grade 6			Grade 8			Grade 10			Grade 12	
Risk Factor	County	County	State	County	County	State	County	County	State	County	County	State
	2006	2007	2007	2006	2007	2007	2006	2007	2007	2006	2007	2007
Last Time I Smoked a C	igarette, I						'					
Bought It												
WITH a Fake ID	0	0	2.0	0	0	0.8	2.4	0	1.1	0	0	1.5
Bought It												
WITHOUT a Fake ID	0	0	0.8	0	0	1.8	7.1	0	5.1	16.7	19.4	23.7
Got It From												
Someone 18 or OLDER	12.5	9.5	12.9	33.3	20.0	23.3	38.1	42.9	37.7	41.7	45.8	41.1
Got It From												
Someone UNDER 18	25.0	4.8	13.3	33.3	22.9	20.8	23.8	28.6	18.2	10.4	11.1	8.8
Got It From												
a Brother/Sister	0	0	6.3	4.2	11.4	6.0	2.4	2.9	5.0	0	1.4	2.2
Home WITH												
Parent's Permission	0	4.8	3.5	0	2.9	3.3	0	2.9	4.8	8.3	9.7	3.4
Home WITHOUT												
Parent's Permission	25.0	33.3	15.7	4.2	14.3	13.4	7.1	5.7	7.1	2.1	0	1.7
Got It From												
Another Relative	12.5	14.3	8.5	8.3	2.9	7.5	2.4	2.9	5.7	4.2	0	1.9
A Stranger												
Bought It For Me	0	0	1.9	0	0	1.8	0	0	1.4	0	0	0.9
Took It												
From a Store	0	4.8	2.1	0	0	1.4	0	0	0.8	0	0	0.5
Other	25.0	28.6	32.9	16.7	25.7	19.9	16.7	14.3	13.3	16.7	12.5	14.2
I Smoked at												
Home	33.3	47.1	32.4	21.1	22.9	30.9	30.0	18.2	34.2	34.0	34.8	26.0
Someone Else's Home	22.2	17.6	28.3	42.1	28.6	33.2	30.0	24.2	28.0	17.0	24.2	20.1
Open Area	22.2	17.6	25.9	10.5	40.0	24.8	20.0	21.2	20.4	12.8	4.5	18.5
Sporting Event												
or Concert	0	0	1.0	5.3	0	1.2	5.0	6.1	1.2	4.3	1.5	0.7
Restaurant or Bar	0	0	1.1	5.3	0	0.6	0	0	0.6	2.1	0	1.6
Empty Building												
or Site	0	11.8	4.5	5.3	2.9	1.9	2.5	0	0.8	2.1	1.5	0.6
Hotel/Motel	0	0	1.3	0	0	0.5	0	0	0.5	2.1	1.5	0.5
In a Car	11.1	0	3.1	10.5	2.9	4.5	7.5	24.2	12.0	23.4	30.3	30.9
School	11.1	5.9	2.5	0	2.9	2.6	5.0	6.1	2.1	2.1	1.5	1.2

5 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. A *Combined* drug category has been created for all of these areas.

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 using 1-2 times or more often.

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 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 17: Core Measures by Grade

	Grade 6		Grade 8		Grade 10		Grade 12		Combined	
	n		n		n		n		n	
D : 20 D		pct	n	pct	n	pct	n	pct	n	pct
Past 30 Day Use										
Alcohol	197	3.6	176	19.9	178	31.5	168	34.5	719	21.7
Cigarettes	199	4.5	179	11.2	178	10.1	170	31.8	726	13.9
Marijuana	198	1.0	180	2.8	180	11.7	169	11.2	727	6.5
Combined	199	7.5	182	22.5	181	34.8	171	49.1	733	27.7
Perceived Risk										
Alcohol	192	63.5	177	60.5	180	62.2	169	59.8	718	61.6
Cigarettes	193	79.8	181	89.0	181	87.3	171	87.7	726	85.8
Marijuana	192	68.8	178	67.4	180	52.2	170	46.5	720	59.0
Combined	193	85.5	182	91.8	181	92.3	171	93.0	727	90.5
Parental Disapproval										
Alcohol	195	97.9	163	90.2	159	83.6	165	77.6	682	87.8
Cigarettes	195	98.5	163	93.9	159	88.7	165	78.2	682	90.2
Marijuana	192	99.5	159	97.5	158	93.7	165	92.1	674	95.8
Combined	195	99.5	164	98.8	159	96.2	165	95.2	683	97.5
Avg Age of First Use										
Alcohol	55	10.5	99	11.6	123	13.0	136	14.1	413	12.7
Cigarettes	32	10.5	77	11.1	78	12.1	115	13.0	302	12.0
Marijuana	6	10.7	16	11.6	44	13.4	64	14.2	130	13.4
Combined	63	10.3	107	11.1	130	12.3	141	13.0	441	12.0

6 PREVENTION CONTACTS

6.1 Prevention Resource Centers

$\frac{\text{Region 1 PREVENTION RESOURCE CENTER}}{\text{Operated by } \textit{Decision Point}}$

Springdale

JTL Shop Building 614 East Emma Street, Suite M426 Springdale, AR 72764

Ms. Laurie Reh, PRC Coordinator

(479) 927-2655 Fax: (479) 927-2752

 $E\text{-}MAIL: \verb|lreh@jtlshop.jonesnet.org||$

Counties: Benton, Carroll, Madison, Washington

Region 2 PREVENTION RESOURCE CENTER Operated by North Arkansas Partnership for Health Education

Harrison

1515 Pioneer Drive Harrison, AR 72601

Ms. Shelly McCall, PRC Coordinator

(870) 391-3178 Fax: (870) 391-3507

 $E\text{-}MAIL: \verb§smccall@northark.edu|$

Counties: Boone, Baxter, Newton, Marion,

Searcy

Region 3 PREVENTION RESOURCE CENTER Operated by *Health Resources of Arkansas*, *Inc.*

Augusta

 $893~\mathrm{Hwy}~64~\mathrm{East}$ Augusta, AR 72006

Ms. Pat Huckeby, PRC Coordinator

(870) 347-5903 Fax: (870) 347-1457

 $E\text{-}MAIL: \verb"pat_huckeby@yahoo.com""$

Counties: Fulton, Izard, Sharp, Stone, Jackson, Cleburne, Van Buren, White, Woodruff,

Independence

Region 4 PREVENTION RESOURCE CENTER Operated by Crowley's Ridge Development Council

Jonesboro

P.O. Box 16720 (520 West Monroe Street) Jonesboro, AR 72403

Ms. Dorothy Newsom, PRC Coordinator

(870) 933-0033 Fax: (870) 933-0048

E-MAIL: dnewsom@ritternet.com

Counties: Randolph, Clay, Lawrence, Greene,

Craighead, Mississippi, Poinsett

Region 5 PREVENTION RESOURCE CENTER Operated by *Harbor House*, *Inc.*

Fort Smith

P.O. Box 4207

(615 North 19th Street) Fort Smith, AR 72914

Ms. Cindy Stokes, PRC Coordinator

(479) 783-1916 Fax: (479) 783-1914 E-MAIL: hhiprc@aol.com

Counties: Crawford, Franklin, Logan, Scott,

Sebastian, Polk

Region 6 PREVENTION RESOURCE CENTER Operated by Community Service, Inc.

Morrilton

P.O. Box 679 (100 South Cherokee Street) Morrilton, AR 72110

Mr. Terrence Love, PRC Coordinator

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

E-MAIL: tlove@communityserviceinc.com Counties: Johnson, Pope, Conway, Yell, Perry,

Faulkner

Region 7 PREVENTION RESOURCE CENTER Operated by Crowley's Ridge Development

Council

Brinkley

P.O. Box 344 1116 North Main Brinkley, AR 72021

Mr. Kendon Gray, PRC Coordinator

(870) 734-1554 Fax: (870) 734-2423

E-MAIL: KendonGray@sbcglobal.net Counties: Cross, Crittenden, St. Francis,

Phillips, Lee, Monroe

Region 8 PREVENTION RESOURCE CENTER

Operated by Family Service Agency

Hot Springs

1401 Malvern Avenue, Suite 100 Hot Springs, AR 71901

Ms. Michelle Moore-Rather, PRC Coordinator

(501) 318-2648 Fax: (501) 624-5636

E-MAIL: mmoore-rather@fsainc.org Counties: Clark, Garland, Hot Spring,

Montgomery, Pike

Region 9 PREVENTION RESOURCE CENTER

Operated by Family Service Agency

North Little Rock

628 West Broadway, Suite 300 North Little Rock, AR 72114

Mr. Hayse Miller, PRC Coordinator

(501) 372-4242 Ext. 328 Fax: (501) 372-6565

E-MAIL: hmiller@fsainc.org

Counties: Pulaski, Saline, Lonoke, Praire

Region 10 PREVENTION RESOURCE CENTER

Operated by Southwest Arkansas

Counseling & Mental Health Center, Inc.

Texarkana

601 Hazel Street Texarkana, AR 71854

Ms. Trena Goings, PRC Coordinator

(870) 774-2435 Fax: (870) 774-4216

E-MAIL: tgoings@swacmhc.com

Counties: Howard, Sevier, Hempstead, Little

River, Lafayette, Miller

Region 11 PREVENTION RESOURCE CENTER

Operated by Health Sciences Education Foundation-South Arkansas

El Dorado

 $460~\mathrm{W.~Oak}$

El Dorado, AR 71730

Ms. Susan Rumph, PRC Coordinator (870) 862-2489, Exts. 151 & 152

Fax: (870) 863-9341

E-MAIL: srumph@ahecsa.uams.edu

Counties: Dallas, Calhoun, Union, Columbia,

Ouachita, Nevada

Region 12 PREVENTION RESOURCE CENTER

Operated by Southeast Arkansas Economic Development District

Pine Bluff

P.O. Box 6806 8th & Walnut Streets Pine Bluff, AR 71611

Mrs. Judith Smith, PRC Coordinator

(870) 536-1971 Fax: (870) 536-7718

E-MAIL: jsmithprc120gmail.com

Counties: Grant, Jefferson, Lincoln, Arkansas,

Cleveland

Region 13 PREVENTION RESOURCE CENTER

Operated by Phoenix Youth & Family

Services

 ${\bf Crossett}$

P.O. Box 654 310 N. Alabama Street Crossett, AR 71635

Mr. Clifford Hawkins, PRC Coordinator

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

E-MAIL: chawkins@phoenixyouth.com Counties: Desha, Drew, Bradley, Ashley,

Chicot

6.2 State and National Contacts

Alcohol and Drug Abuse Prevention Division of Behavioral Health Services Arkansas Department of Human Services

 $4313~\mathrm{West}$ Markham - 3rd Floor Administration

Little Rock, AR 72205 Telephone: (501) 686-9866 FAX: (501) 686-9396

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

Tommie Johnson Waters, Director Prevention Services

Alcohol and Drug Abuse Prevention E-MAIL: Tommie.Waters@arkansas.gov

Joe M. Hill, Director

Alcohol and Drug Abuse Prevention E-MAIL: Joe.Hill@arkansas.gov

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

Room 304B Little Rock, AR 72201 Telephone: (501) 683-5425 FAX: (501) 683-5409

Website: http://www.arkansased.org

Otistene Smith

#4 Capitol Mall

Federal Program Liaison

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

International Survey Associates dba Pride Surveys

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

Website: http://www.pridesurveys.com

Safe and Drug Free Schools and Communities

U.S. Department of Education

Website: http://www.ed.gov/offices/OESE/SDFS

Southwest Center for the Application of Prevention Technology

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

Southwest Prevention Center/ The University of Oklahoma

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

Substance Abuse and Mental Health Services Administration (SAMSHA)

Website: http://www.samhsa.gov

Electronic copies of reports can be found at http://www.arkansas.gov/dhs/dmhs/adap_survey.htm. Some reports require passwords.