Allegany County
Student Risk and Protective Factor Survey
2011

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INTRODUCTION

Young peoples' use and abuse of alcohol, tobacco and other drugs remains a major concern for parents, health professionals, law enforcement and schools. Since the 1990's substance abuse prevention has developed programs based on the Risk and Protective Factor Model developed at the University of Washington by J. David Hawkins, Richard Catalano, and Janet Miller. The model was developed by reviewing two decades of research that identified a link between certain risk factors and several problem behaviors and between protective factors and avoidance of problem behaviors. A major strength of this model is that in addressing alcohol and other drug abuse risks for adolescents, it also addresses other negative behaviors, such as violence, delinquency, teen pregnancy, gambling and dropping out of school.

Students in schools in Allegany County participated in the Risk and Protective Factor Survey in the winter of 2011. The survey was developed by Hawkins and Catalano and measures critical individual, school; family and community factors that have been demonstrated to either increase the likelihood of substance abuse and violence (Risk Factors) or decrease the likelihood of these behaviors (Protective Factors)[1].

Factor scores were calculated for each student on each of 32 scales. The proportion of students scoring above the statistical risk level on each factor was analyzed to determine areas of greatest risk and to establish prevention priorities.

2011 Survey Participants

Middle School Students (Grades 6 and 8)	High School Students (Grade 10 and 12

[1] ***Note: The survey does not measure all risk or protective factors. For example, poverty is a significant risk factor.***

METHOD

The survey instrument was a self-report paper and pencil form completed by students in a classroom setting. The sample for the survey was all 6th, 8th, 10th and 12th grade students in Allegany County Schools. Each Risk and Protective Factor is represented by one or more scale consisting of one or more item from the survey. Appendix A provides a data dictionary with the definition of each scale. Each student was given a score for each of the scales. Separate analyses were conducted for middle school (grades 6 &8) and high school (grade 10 & 12). Based on the distribution of scores for over 20,000 students in a 2001 survey in the five-county Finger Lakes region, standard scores (z-scores) were calculated by subtracting the mean score from each individual's score and dividing by the standard deviation.

Students with a standard score of 1 or greater on any risk factor were considered to be at-risk. A standard score of –1 or less on any protective factor was considered a lack of protection and therefore at-risk.

In addition to measuring risk and protective factors, the survey measures self-reported use of alcohol, tobacco, marijuana and other substances (prevalence). It also asked about students' behaviors related to bullying, depression, and self-injury.

SAMPLE

Each school was asked to arrange for distribution and completion of the surveys on a day and in a class-period of their choice. ACASA staff supervised all surveys. In all cases the survey is voluntary. Parents were notified about the survey and were given the option of having their child opt out of the survey without prejudice. Students were instructed not to put their name or any identifying information on the survey form.

Table 1

Allegany County		
Grade	Females	Males
6th	224	199
8th	211	231
10th	222	204
12th	215	198
Total	872	832

RESULTS

Prevalence of Substance Use

Students were asked if, and how often they had used alcohol, tobacco, marijuana or other substances. Tables 2 (see Attachment I - pages 22-23) shows the proportions of students (prevalence) who reported ever using, using in the 12 months prior to the survey and using in the 30 days prior to the survey. Alcohol, Marijuana and cigarettes are the most frequently used substances. Significant results include:

Drank Alcohol in Past 30 Days

0.9% of 6th grade students reported drinking alcohol in the past 30 days.

10.6% of 8th graders drank in the past month.

27.9% of 10th graders drank at least once in the past 30 days.

38.0% of 12th graders drank alcohol at least once in the past month.

Smoked Cigarettes in Past 30 Days

0.9% of 6th grade students reported smoking cigarettes in the past 30 days.

10.2% of 8th graders smoked cigarettes in the past month.

18.8% of 10th graders smoked cigarettes at least once in the past 30 days.

29.8% of 12th graders smoked cigarettes in the past month.

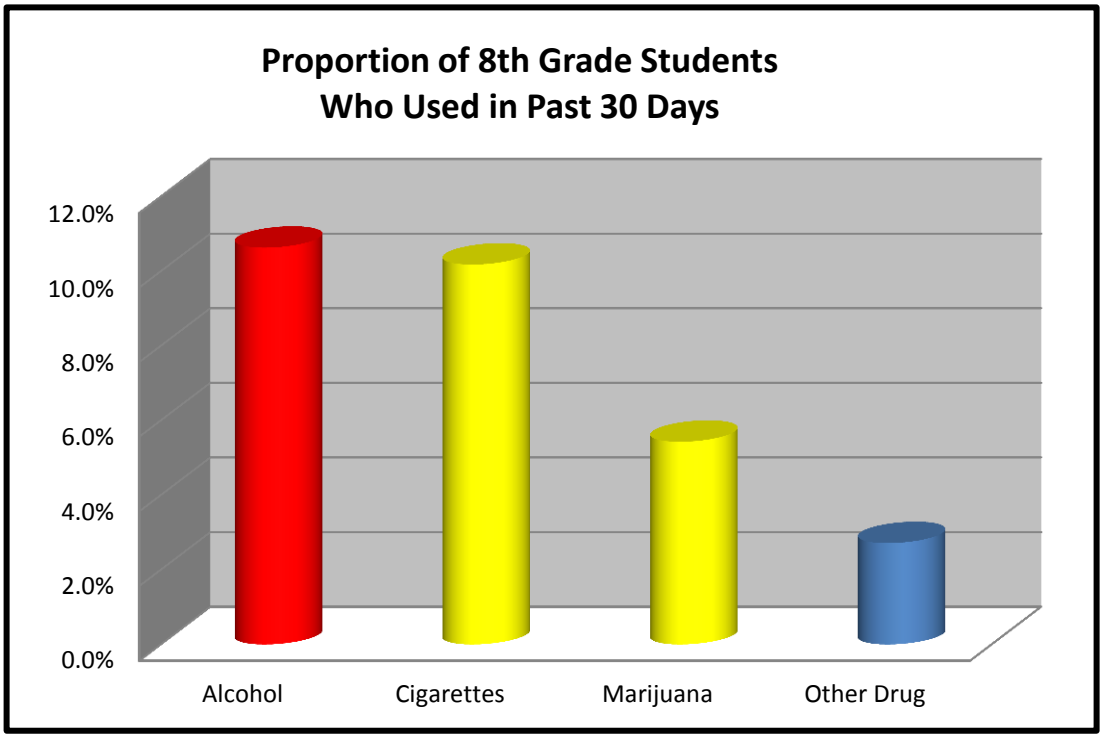
Smoked Marijuana in Past 30 Days

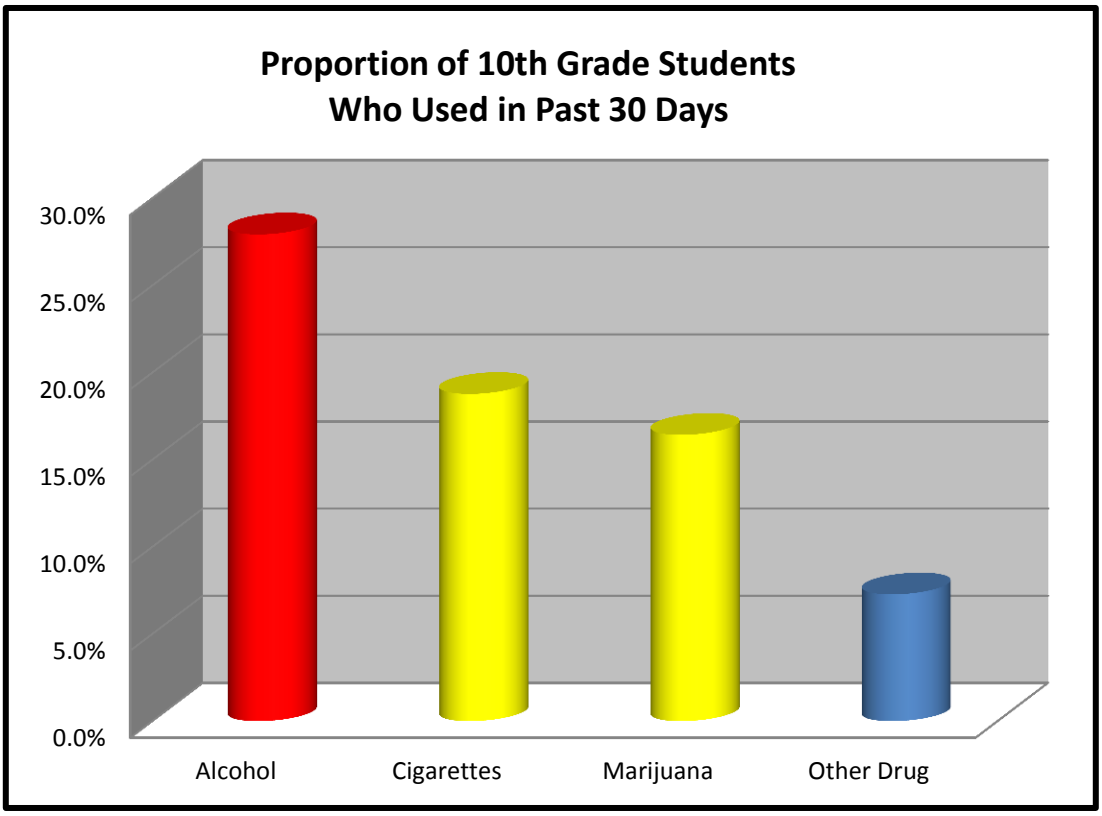
0.0% of 6th grade students reported smoking Marijuana in the past 30 days.

5.4% of 8th graders smoked Marijuana in the past month.

16.4% of 10th graders smoked Marijuana at least once in the past 30 days.

17.8% of 12th graders smoked Marijuana at least once in the past 30 days.


Proportion of 8th Grade Students
Who Used in Past 30 Days
12.0%
10.0%
8.0%
6.0%
4.0%
2.0%
0.0%
Alcohol
Cigarettes
Marijuana
Other Drug


Proportion of 10th Grade Students
Who Used in Past 30 Days
30.0%
25.0%
20.0%
15.0%
10.0%
5.0%
0.0%
Alcohol
Cigarettes
Marijuana
Other Drug

Results
Risk and Protective Factors

The most effective approach to reducing and preventing substance abuse and other problems is to implement evidence-based prevention strategies that address one or more critical risk or protective factor. The ongoing strategic prevention planning efforts in Allegany County have been directed at identifying specific risk and protective factors. In order to determine the top priority factors a data-driven process was conducted to consider both the prevalence of factors, that is, the proportion of students who are at risk from each factor, as well as the strength of each factors' relationship to substance use and other problem behaviors. The table below shows the results of this process which is described in detail in Appendix B (page 46). The first table shows the factors with the strongest relationship to underage drinking. As table 3a indicates, *Antisocial Behavior* is the strongest predictor of alcohol use among Allegany County high school students. While 31.4% of students who did not score at risk on the *Antisocial Behavior* scale reported drinking, 84.1% of students at risk from this factor reported drinking. Thus, students at risk from *Antisocial Behavior* are 2.68 time more likely to drink alcohol. Other strong predictors of alcohol use include *friends who use drugs*; *sensation seeking* and *parental attitudes favorable to drug use*.

Table 3a.

Allegany County High School Students - 2011	**N=840**	**Factor Prevalence**	**Drank Alcohol in Past 30 Days**		
			No Risk	**Risk**	**Ratio**
Antisocial Behavior (R17-PI)		7.5%	31.4%	84.1%	2.68
Friend Use Drugs (R21-PI)		17.7%	28.8%	65.8%	2.28
Sensation Seeking (R22-PI)		29.4%	26.0%	57.9%	2.23
Parental Attitudes Favorable to Drug Use (R10-F)		15.5%	29.7%	66.2%	2.23
Little Commitment to School (R13-S)		7.4%	32.6%	69.4%	2.12
Perceived Availability of Drugs (R5-C)		16.0%	30.0%	63.4%	2.11
Poor Discipline (R7-F)		16.8%	26.8%	55.0%	2.06
Rebelliousness (R14-PI)		19.2%	29.5%	60.2%	2.05
Lack Perceived Risks of Drug Use (P8-PI)		17.4%	30.1%	60.3%	2.00
Interaction With Antisocial Peers (R20-PI)		9.9%	32.2%	63.9%	1.98
Parental Attitudes Favorable to Antisocial Beh (R11-F)		11.5%	31.9%	61.9%	1.94
Favorable Attitudes Toward Drug Use (R19-PI)		5.6%	33.7%	63.8%	1.90
Rewards for Antisocial Involvement (R23-PI)		16.1%	30.9%	58.5%	1.89
Favorable Attitudes Toward Antisocial Beh (R18-PI)		17.5%	30.6%	57.8%	1.89

In order to help select priority factors that would provide the greatest overall impact on a variety of problems behaviors, a weighted score was calculated for each factor taking into account the prevalence of the factor, the strength of relationship to alcohol, tobacco, marijuana and other substance use as well as to depression, bullying and self-injury. Weighted scores take into account the relative scope of each of these problem behaviors, e.g. alcohol use is given greater weight as it is by far the most common drug of abuse. The results of the weighted score calculations are shown in table 3b. Rebelliousness is the factor with the strongest relationship to problem behavior while one in five (19.2%) Allegany County high school student scored at risk from this factor.

Table 3b.

Allegany County **High School Students - 2011** **Quartile I**	**Prevalence of Factor**	**Weighted Score**
Rebelliousness (R14-PI)	19.2%	72.72
Friend Use Drugs (R21-PI)	17.7%	74.07
Favorable Attitudes Toward Antisocial Beh (R18-PI)	17.5%	84.98
Parental Attitudes Favorable to Drug Use (R10-F)	15.5%	85.35
Sensation Seeking (R22-PI)	29.4%	91.07
Little Commitment to School (R13-S)	7.4%	94.45
Favorable Attitudes Toward Drug Use (R19-PI)	5.6%	102.90
Antisocial Behavior (R17-PI)	7.5%	104.53
Parental Attitudes Favorable to Antisocial Beh (R11-F)	11.5%	117.71
Interaction With Antisocial Peers (R20-PI)	9.9%	118.03
Impulsiveness (R16-PI)	17.1%	118.55

Risk and Protective Factors

Middle School Risk and Protective Factors - Table 4a (see Attachment I – page 27) shows the proportion of 6th grade students who scored at or above the risk level on each factor scale. The table is sorted from the most prevalent risk factors to least common in 2011. Allegany County totals are also presented for comparison.

6th Grade Risk and Protective Factors

Note:
An "R" in ( ) means students were at risk from that Risk Factor.
A "P" in ( ) means students were at risk from lack of that Protective Factor.

Domains
-C=Community Domain
-F=Family Domain
-S=School Domain
-I/P=Individual/Peer Domain

The most prevalent factor among 6th grade students was *Family History of Antisocial Behavior* (R9-F) with 19.6%scoring above the risk level.

Other prevalent factors include:
Personal Transitions/Mobility (R3-C) (16.3%);
Lack Rewards for Prosocial Behavior in the Community (P2-C) (15.6%);
Lack Opportunities for Prosocial Involvement in the Community (P1-C) (14.7%) and;
Low Neighborhood Attachment (R1-C) (12.8%).

Middle School Risk and Protective Factors- Table 4b (see Attachment I – page 28) shows the proportion of 8th grade students who scored at or above the risk level on each factor scale. The table is sorted by the most prevalent risk factors to least common in 2011. Allegany County totals are also presented for comparison.

8th Grade Risk and Protective Factors

Note:
An "R" in ( ) means students were at risk from that Risk Factor.
A "P" in ( ) means students were at risk from lack of that Protective Factor.

Domains
-C=Community Domain
-F=Family Domain
-S=School Domain
-I/P=Individual/Peer Domain

The most prevalent factor among 8th grade students was *Personal Transitions/Mobility* (R3-C) with 21.9% scoring above the risk level.

Other prevalent factors include:
Family History of Antisocial Behavior (R9-F) (20.8%);
Community Disorganization (R2-C) (20.6%);
Sensation Seeking (R22-PI) (18.8%) and;
Low Neighborhood Attachment (R1-C) (16.7%).

High School Risk and Protective Factors - Table 4c (see Attachment I – page 29) shows the proportion 10th grade students who scored at or above the risk level on each factor. The table is sorted by most common Risk Factors to least common in 2011. Allegany County totals are also presented for comparison.

10th Grade Risk and Protective Factors

Note:
An "R" in ( ) means students were at risk from that Risk Factor.
A "P" in ( ) means students were at risk from lack of that Protective Factor.

Domains
-C=Community Domain
-F=Family Domain
-S=School Domain
-I/P=Individual/Peer Domain

The most prevalent factor among 10th grade students was *Sensation Seeking* (R22-PI) with 30.3% scoring at or above the risk level.

Other factors were:
Community Disorganization (R2-C) (24.2%);
Personal Transitions/Mobility (R3-C) (23.7%);
Lack Rewards for Prosocial Behavior in the Community (P2-C) (21.6%);
Family History of Antisocial Behavior (R9-F) **(**21.1%**)** and;
Low Neighborhood Attachment (R1-C) (20.4%).

High School Risk and Protective Factors - Table 4d (see Attachment I – page 30) shows the proportion 12th grade students who scored at or above the risk level on each factor. The table is sorted by most common Risk Factors to least common in 2011. Allegany County totals are also presented for comparison.

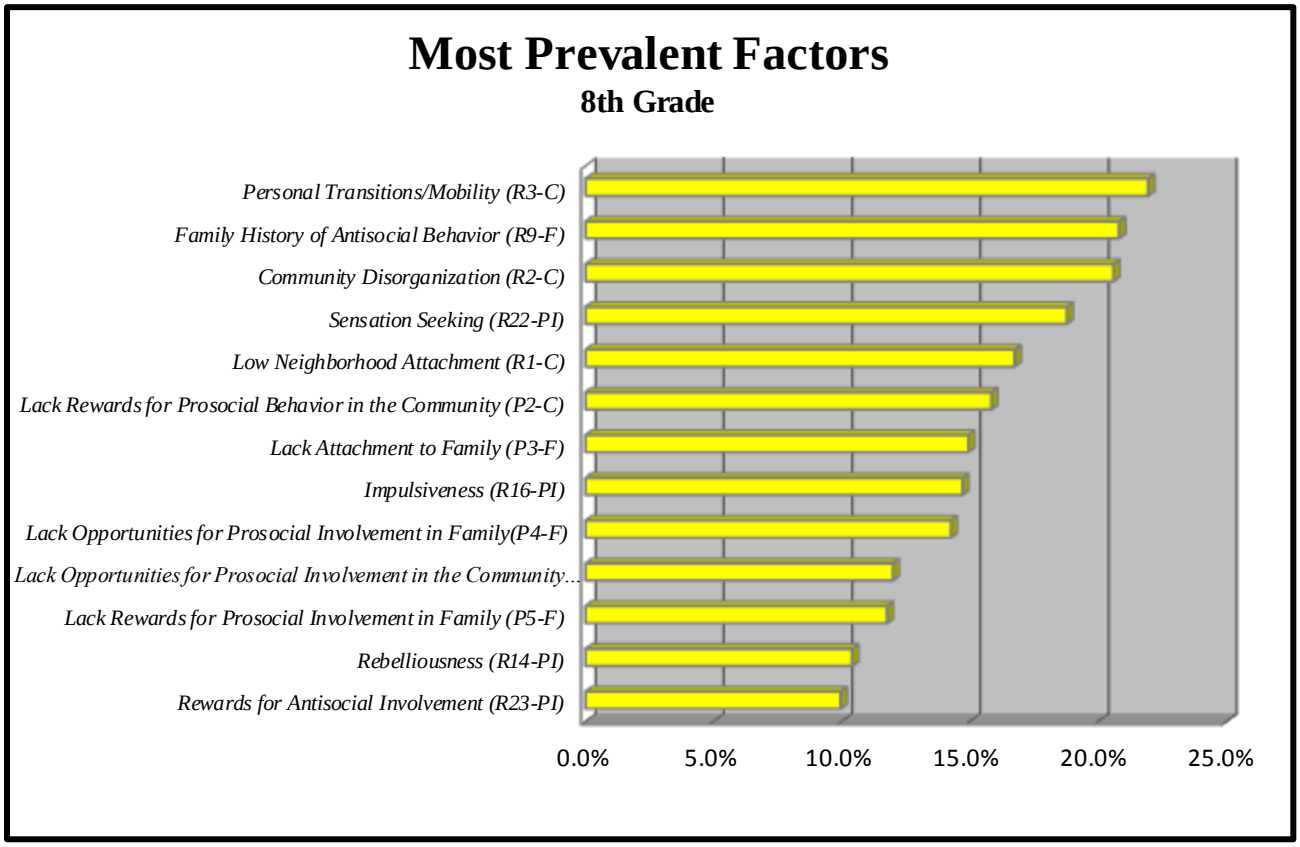
12th Grade Risk and Protective Factors

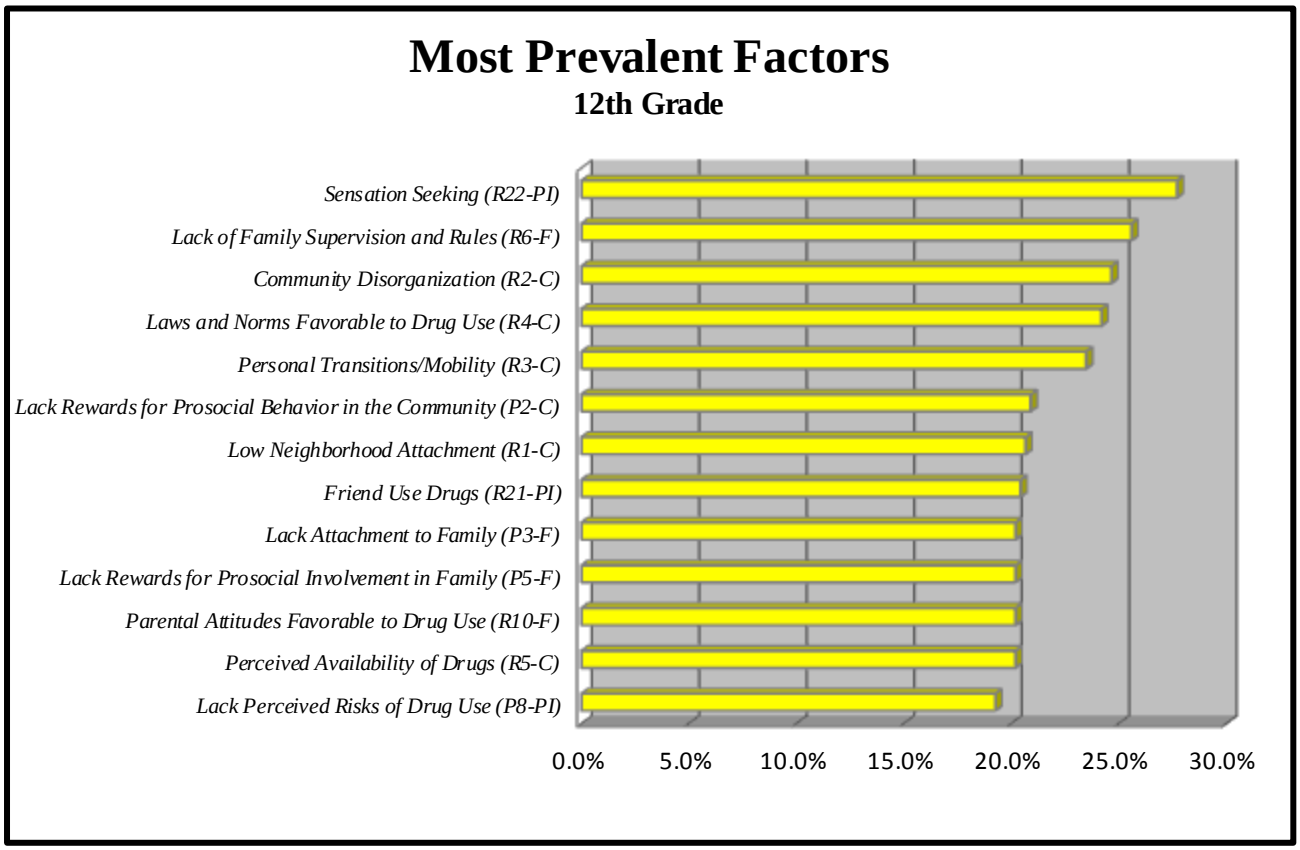
Note:
An "R" in ( ) means students were at risk from that Risk Factor.
A "P" in ( ) means students were at risk from lack of that Protective Factor.

Domains
-C=Community Domain
-F=Family Domain
-S=School Domain
-I/P=Individual/Peer Domain

The most prevalent factor among 12th grade students was *Sensation Seeking (R22-PI)* with 27.7% scoring at or above the risk level.

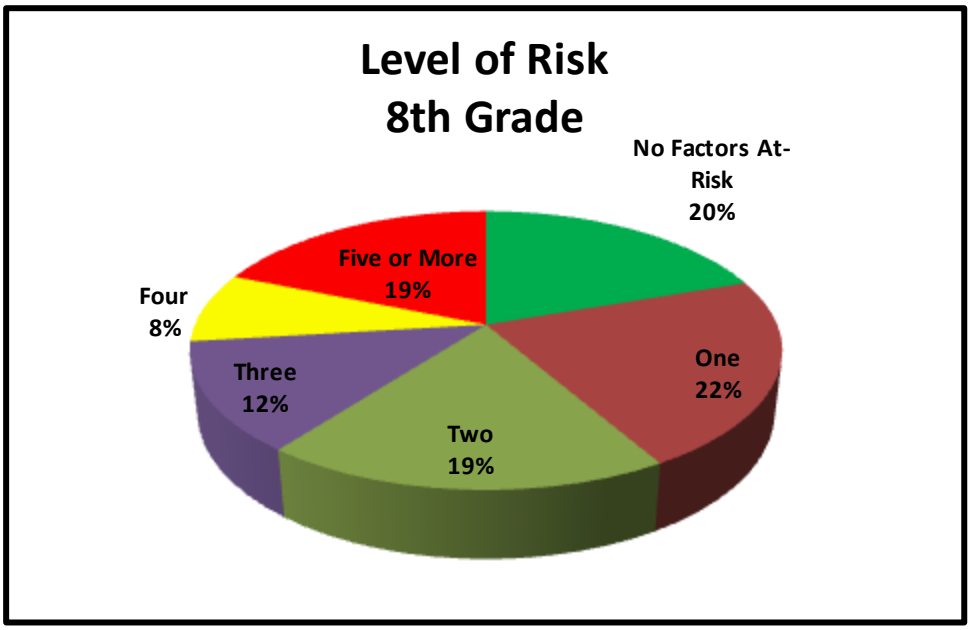
Other factors were: *Lack of Family Supervision and Rules (R6-F)* (25.6%); *Community Disorganization (R2-C)* (24.6%)
Laws and Norms Favorable to Drug Use (R4-C) (24.2%)
Personal Transitions/Mobility (R3-C) (23.5%) and;
Lack Rewards for Prosocial Behavior in the Community (P2-C) (20.9%).

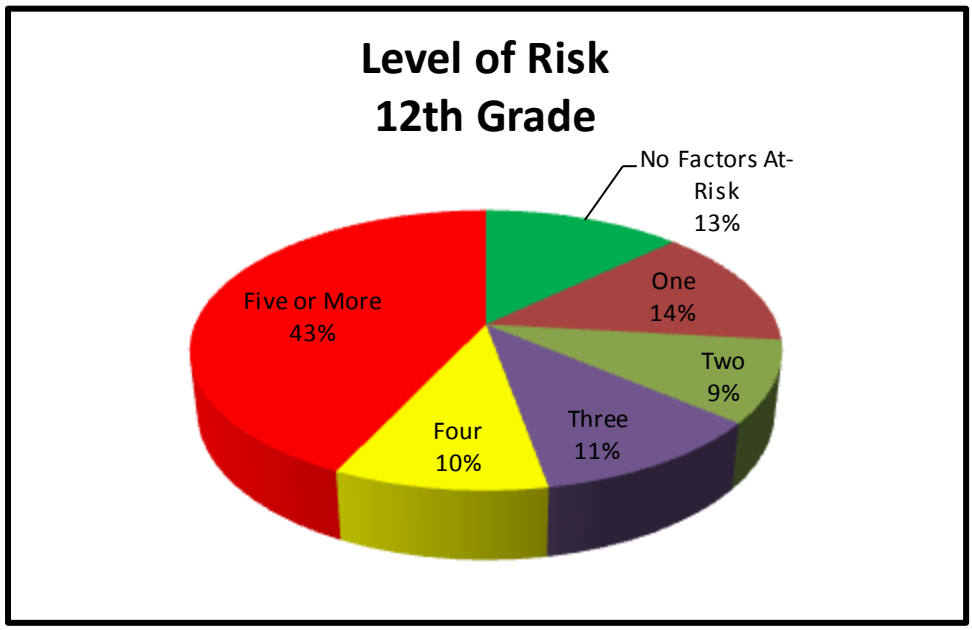

Most Prevalent Factors
8th Grade
Personal Transitions/Mobility (R3-C)
Family History of Antisocial Behavior (R9-F)
Community Disorganization (R2-C)
Sensation Seeking (R22-PI)
Low Neighborhood Attachment (R1-C)
Lack Rewards for Prosocial Behavior in the Community (P2-C)
Lack Attachment to Family (P3-F)
Impulsiveness (R16-PI)
Lack Opportunities for Prosocial Involvement in Family(P4-F)
Lack Opportunities for Prosocial Involvement in the Community...
Lack Rewards for Prosocial Involvement in Family (P5-F)
Rebelliousness (R14-PI)
Rewards for Antisocial Involvement (R23-PI)
0.0%
5.0%
10.0%
15.0%
20.0%
25.0%


Most Prevalent Factors
12th Grade
Sensation Seeking (R22-PI)
Lack of Family Supervision and Rules (R6-F)
Community Disorganization (R2-C)
Laws and Norms Favorable to Drug Use (R4-C)
Personal Transitions/Mobility (R3-C)
Lack Rewards for Prosocial Behavior in the Community (P2-C)
Low Neighborhood Attachment (R1-C)
Friend Use Drugs (R21-PI)
Lack Attachment to Family (P3-F)
Lack Rewards for Prosocial Involvement in Family (P5-F)
Parental Attitudes Favorable to Drug Use (R10-F)
Perceived Availability of Drugs (R5-C)
Lack Perceived Risks of Drug Use (P8-PI)
0.0%
5.0%
10.0%
15.0%
20.0%
25.0%
30.0%

Overall Risk

The Risk and Protective Factor framework states that an individual student's likelihood of being involved in substance abuse, violence or other negative behavior increases relative to the number of factors from which the student is at-risk. Thus, an additional measure of overall risk in a community is the number of students reporting multiple factors beyond the at-risk level. Table 5 (see Attachment I – page 31) shows the frequencies of the number of factors on which students scored above the risk level.





Bullying

Bullying and other violent behavior are a major concern for students, parents and school administrators. Several items in the Risk and Protective Factor Survey relate to bullying. Tables 6a and 6b (see Attachment I – page 32) presents responses to these items.

- 21.2% of 6th grade students said ***they had been bullied*** at least once in the 30 days prior to the survey.
- 14.9% of 6th grade students said ***they had bullied another student*** at least once in the 30 days prior to the survey.

- 33.3% of 8th grade students said ***they had been bullied*** at least once in the 30 days prior to the survey.
- 23.1% of 8th grade students said ***they had bullied another student*** at least once in the 30 days prior to the survey.

- 25.5% of 10th grade students said ***they had been bullied*** at least once in the 30 days prior to the survey.
- 25.8% of 10th grade students said ***they had bullied another student*** at least once in the 30 days prior to the survey.

- 15.7% of 12th grade students said ***they had been bullied*** at least once in the 30 days prior to the survey.
- 20.8% of 12th grade students said ***they had bullied another student*** at least once in the 30 days prior to the survey.

Why do students bully?

Bullying is a complex behavior with many causes. One component of understanding why some students bully other is to examine the risk and protective factors associated with self-reported bullying. Table 6c shows the risk and protective factors that have the strongest statistical relationship to bullying another student. Students who scored at the risk level for *parental attitudes favorable to antisocial behavior* were 2.46 times more likely to bully other students while students who were at risk from *rebelliousness* were 2.3 times more likely to bully other students.

Table 6c.

Allegany County	**Factor**	**Bullied Another Student in Past 30 Days**		
High School Students - 2011 N=865	**Prevalence**	**No Risk**	**Risk**	**Ratio**
Parental Attitudes Favorable to Antisocial Beh (R11-F)	11.5%	20.6%	50.8%	2.46
Rebelliousness (R14-PI)	19.2%	19.0%	43.7%	2.30
Parental Attitudes Favorable to Drug Use (R10-F)	15.5%	20.9%	46.5%	2.23
Family Conflict (R8-F)	14.0%	20.7%	44.4%	2.15
Sensation Seeking (R22-PI)	29.4%	17.3%	35.8%	2.07
Poor Discipline (R7-F)	16.8%	20.8%	42.0%	2.02
Friend Use Drugs (R21-PI)	17.7%	20.8%	40.9%	1.96
Lack of Supervision and Rules (R6-F)	22.0%	20.2%	39.3%	1.95

Depression

Teenage depression is a serious problem that impacts every aspect of a teen's life. Left untreated, teen depression can lead to problems at home and school, drug abuse, and an overwhelming sense of sadness, despair, or anger. The survey included several items identical to the Centers for Disease Control and Prevention, Youth Risk Behavior Survey. The first of these asks students if they "feel depressed most of the time, even if you feel happy sometimes." Tables 7a – 7d (see Attachment I – pages 33-34) present responses to items related to depression and suicide ideation.

45.2% of 6th grade ***female*** students said that in the past year ***they felt depressed most of the time even if they felt happy some of the time***.

43.1% of 6th grade ***male*** students said that in the past year ***they felt depressed most of the time even if they felt happy some of the time***.

55.7% of 8th grade ***female*** students said that in the past year ***they felt depressed most of the time even if they felt happy some of the time***.

40.0% of 8th grade ***male*** students said that in the past year ***they felt depressed most of the time even if they felt happy some of the time***.

54.8% of 10th grade ***female*** students said that in the past year ***they felt depressed most of the time even if they felt happy some of the time***.

40.4% of 10th grade ***male*** students said that in the past year ***they felt depressed most of the time even if they felt happy some of the time***.

50.7% of 12th grade ***female*** students said that in the past year ***they felt depressed most of the time even if they felt happy some of the time***.

34.8% of 12th grade ***male*** students said that in the past year ***they felt depressed most of the time even if they felt happy some of the time***.

Why are students depressed?

Depression is also complex with many causes. One component of understanding why some students report being depressed is to examine the risk and protective factors associated with depression. Table 7e shows the risk and protective factors that have the strongest statistical relationship to depression. Students who scored at the risk level for *family conflict* were twice as likely to report being depressed most of the time while students who were at risk from *lack of rewards for prosocial involvement in the family* were 1.75 times more likely to be depressed.

Table 7e.

Allegany County High School Students - 2011 N=865	Factor Prevalence	Felt Depressed Most of the Time		
		No Risk	Risk	Ratio
Family Conflict (R8-F)	14.0%	35.7%	74.1%	2.07
Lack Rewards for Prosocial Involvement (P5-F)	19.4%	35.8%	62.6%	1.75
Favorable Attitudes Toward Antisocial Beh (R18-PI)	17.5%	12.7%	21.0%	1.66
Community Disorganization (R2-C)	24.8%	33.7%	55.2%	1.64
Lack Attachment to Family (P3-F)	17.7%	36.7%	59.5%	1.62
Rebelliousness (R14-PI)	19.2%	37.3%	55.5%	1.49
Parental Attitudes Favorable to Antisocial Beh (R11-F)	11.5%	39.0%	56.9%	1.46
Personal Transitions/Mobility (R3-C)	24.0%	37.3%	54.3%	1.46
Poor Discipline (R7-F)	16.8%	38.4%	55.7%	1.45

Suicide Ideation

The greatest concern about depression and other negative feelings is the possibility that a student might contemplate, plan or attempt suicide. Items from the Centers for Disease Control and Prevention, Youth Risk Behavior Survey were included in the survey to address these concerns.

5.8% of 6th grade ***female*** students said that at least once in the past year ***they made a plan to commit suicide***.

8.0% of 6th grade ***male*** students said that at least once in the past year ***they made a plan to commit suicide***.

11.8% of 8th grade ***female*** students said that at least once in the past year ***they made a plan to commit suicide***.

9.5% of 8th grade ***male*** students said that at least once in the past year ***they made a plan to commit suicide***.

16.7% of 10th grade ***female*** students said that at least once in the past year ***they made a plan to commit suicide***.

10.8% of 10th grade ***male*** students said that at least once in the past year ***they made a plan to commit suicide***.

11.7% of 12th grade ***female*** students said that at least once in the past year ***they made a plan to commit suicide***.

7.8% of 12th grade ***male*** students said that at least once in the past year ***they made a plan to commit suicide***.

Self-Injury

A recently recognized phenomenon among young people is intentional self-injury. Some teens have a difficult time balancing their conflicting feelings and some turn to harmful activities like drinking, using drugs, or self-injury. Intentional self-injurious behavior, through cutting or burning, is used as a mechanism for coping with emotional distress. Those who self-injure often are experiencing overwhelming feelings, like extreme anxiety or tension, and in the moment self-injury may seem to provide a feeling of escape or relief. These injuries are not a suicide attempts and often are interpreted as expressions of anger or psychological pain. Table 8 (see Attachment I – page 35) presents responses to this item.

- 4.9% of 6th grade ***female*** students said that ***they had hurt themselves by cutting or burning when they were upset.***
- 7.0% of 6th grade ***male*** students said that ***they had hurt themselves by cutting or burning when they were upset.***

- 17.1% of 8th grade ***female*** students said that ***they had hurt themselves by cutting or burning when they were upset.***
- 6.5% of 8th grade ***male*** students said that ***they had hurt themselves by cutting or burning when they were upset.***

- 29.3% of 10th grade ***female*** students said that ***they had hurt themselves by cutting or burning when they were upset.***
- 11.3% of 10th grade ***male*** students said that ***they had hurt themselves by cutting or burning when they were upset.***

- 22.5% of 12th grade ***female*** students said that ***they had hurt themselves by cutting or burning when they were upset.***
- 8.3% of 12th grade ***male*** students said that ***they had hurt themselves by cutting or burning when they were upset.***

Why do students injure (cut/burn) themselves?

Self-injury is a complex problem with many causes. One component of understanding why some students report injuring themselves is to examine the risk and protective factors associated with self-injury. Table 8a shows the risk and protective factors that have the strongest statistical relationship to depression. Students who scored at the risk level for *antisocial behavior* were 5.42 more likely to report injuring themselves while students who were at risk from *lack of rewards for pro-social involvement in the family* were 2.81 times more likely to injure themselves.

Table 8a.

Allegany County High School Students - 2011 N=865	**Factor Prevalence**	**Injured Self (Cut/Burn) No Risk**	**Risk**	**Ratio**
Antisocial Behavior (R17-PI)	7.5%	11.7%	63.6%	5.42
Lack Opportunities for Prosocial Involvement (P4-F)	18.5%	10.9%	30.5%	2.81
Lack of Supervision and Rules (R6-F)	22.0%	10.7%	29.1%	2.71
Lack Attachment to Family (P3-F)	17.7%	11.4%	27.0%	2.37
Family Conflict (R8-F)	14.0%	12.1%	28.4%	2.34
Poor Discipline (R7-F)	16.8%	12.1%	27.3%	2.26
Parental Attitudes Favorable to Antisocial Beh (R11-F)	11.5%	12.7%	27.7%	2.18
Lack Rewards for Prosocial Involvement (P5-F)	19.4%	11.7%	25.2%	2.15
Rebelliousness (R14-PI)	19.2%	11.8%	24.4%	2.06
Personal Transitions/Mobility (R3-C)	24.0%	11.8%	23.6%	2.00

ATTACHMENT I

Risk and Protective Factor Survey

Results Tables

Prevalence of Substance Use

Allegany County
2011

Table 2.
Allegany County
Risk and Protective Factor Survey

Reported Substance Use	**Allegany County Schools 6th Grade**	**Allegany County Schools 8th Grade**	**Allegany County Schools 10th Grade**	**Allegany County Schools 12th Grade**
Alcohol Use (except as part of religion) N=	**423**	**442**	**426**	**426**
Ever Used	4.7%	30.5%	55.6%	66.9%
Used in Past 12 Months	3.8%	0.2%	49.1%	58.0%
Used in Past 30 Days	0.9%	10.6%	27.9%	38.0%
>5 Drinks at Least Once in Past 30 Days	0.0%	0.2%	18.8%	29.8%

Allegany County
Risk and Protective Factor Survey

Reported Substance Use	**Allegany County Schools 6th Grade**	**Allegany County Schools 8th Grade**	**Allegany County Schools 10th Grade**	**Allegany County Schools 12th Grade**
Cigarette Use	**423**	**442**	**426**	**426**
Ever Used	5.7%	23.5%	37.6%	50.2%
Used in Past 12 Months	2.1%	16.3%	29.6%	38.5%
Used in Past 30 Days	0.9%	10.2%	18.8%	29.8%

Allegany County
Risk and Protective Factor Survey

Reported Substance Use	**Allegany County Schools 6th Grade**	**Allegany County Schools 8th Grade**	**Allegany County Schools 10th Grade**	**Allegany County Schools 12th Grade**
Marijuana Use	**423**	**442**	**426**	**426**
Ever Used	1.2%	9.7%	28.4%	36.6%
Used in Past 12 Months	0.2%	8.8%	25.4%	28.9%
Used in Past 30 Days	0.0%	5.4%	16.4%	17.8%

Table 2-con't.

Allegany County Risk and Protective Factor Survey Reported Substance Use Other Drug Use	Allegany County Schools 6th Grade 423	Allegany County Schools 8th Grade 442	Allegany County Schools 10th Grade 426	Allegany County Schools 12th Grade 426
Ever Used Other Drug	1.7%	5.0%	10.8%	15.7%
Used ANY in Past 12 Months	0.5%	3.6%	9.2%	12.2%
Cocaine	0.0%	1.4%	3.1%	4.9%
Cough, Cold Medicines	0.0%	1.6%	4.5%	4.9%
Crack	0.2%	1.1%	1.4%	2.8%
Ecstasy	0.0%	0.9%	2.3%	3.3%
Heroin	0.0%	1.4%	1.6%	2.6%
Inhalants	0.2%	2.0%	3.1%	3.8%
K2, Serenity or other herb	0.0%	1.4%	4.5%	5.9%
LSD/Psychedelic	0.0%	0.7%	1.6%	3.3%
Steroids	0.0%	1.4%	1.4%	1.4%
Uppers/Amphetamines	0.0%	1.1%	3.3%	3.8%
Pain killers such as Vicodin/Oxycontin	0.0%	2.7%	7.7%	9.9%
Other Prescription	0.0%	1.4%	4.9%	6.6%
Over the counter drugs	0.2%	1.8%	4.0%	3.5%
Other	0.5%	2.3%	3.1%	4.0%

Allegany County Risk and Protective Factor Survey Reported Substance Use Other Drug Use	Allegany County Schools 6th Grade 423	Allegany County Schools 8th Grade 442	Allegany County Schools 10th Grade 426	Allegany County Schools 12th Grade 426
Used ANY in Past 30 days	0.5%	2.7%	7.3%	8.9%
Cocaine	0.0%	1.4%	0.0%	3.5%
Cough, Cold Medicines	0.0%	1.1%	2.6%	2.6%
Crack	0.2%	1.1%	1.2%	2.3%
Ecstasy	0.0%	0.9%	1.2%	2.8%
Heroin	0.0%	1.4%	1.2%	2.3%
Inhalants	0.0%	1.1%	1.6%	2.3%
K2, Serenity or other herb	0.0%	0.9%	3.8%	3.8%
LSD/Psychedelic	0.0%	0.7%	1.4%	1.9%
Steroids	0.0%	1.1%	1.2%	1.2%
Uppers/Amphetamines	0.0%	1.1%	2.8%	3.1%
Pain killers such as Vicodin/Oxycontin	0.0%	1.6%	5.9%	6.3%
Other Prescription	0.0%	0.9%	3.1%	4.2%
Over the counter drugs	0.2%	1.1%	2.6%	2.3%
Other	0.0%	1.1%	1.9%	1.4%

Prevalence of Substance Use
Allegany County
2009

Table2a.
Allegany County

Risk and Protective Factor Survey	**Allegany County**	**Allegany County**	**Allegany County**
Reported Substance Use	**Schools**	**Schools**	**Schools**
	6th Grade	**8th Grade**	**10th Grade**
Alcohol Use (except as part of religion)			
N=	**520**	**509**	**506**
Ever Used	11.0%	34.8%	59.9%
Used in Past 12 Months	7.9%	30.6%	54.9%
Used in Past 30 Days	4.8%	15.1%	32.4%
>5 Drinks at Least Once in Past 30 Days	1.0%	5.9%	22.9%

Allegany County

Risk and Protective Factor Survey	**Allegany County**	**Allegany County**	**Allegany County**
Reported Substance Use	**Schools**	**Schools**	**Schools**
	6th Grade	**8th Grade**	**10th Grade**
Cigarette Use	**520**	**509**	**506**
Ever Used	9.4%	24.8%	45.8%
Used in Past 12 Months	5.2%	19.3%	35.0%
Used in Past 30 Days	2.7%	10.2%	17.8%

Allegany County

Risk and Protective Factor Survey	**Allegany County**	**Allegany County**	**Allegany County**
Reported Substance Use	**Schools**	**Schools**	**Schools**
	6th Grade	**8th Grade**	**10th Grade**
Marijuana Use	**520**	**509**	**506**
Ever Used	2.1%	10.4%	27.7%
Used in Past 12 Months	1.3%	6.3%	24.9%
Used in Past 30 Days	0.8%	3.9%	13.2%

Table 2a cont.

Allegany County **Risk and Protective Factor Survey** **Reported Substance Use** **Other Drug Use**	**Allegany County Schools** **6th Grade** **520**	**Allegany County Schools** **8th Grade** **509**	**Allegany County Schools** **10th Grade** **506**
Ever Used Other Drug	3.3%	7.7%	16.2%
Used ANY in Past 12 Months	3.3%	7.5%	15.2%
Cocaine	0.6%	2.9%	2.8%
Cough. Cold Medicines	1.0%	3.3%	4.9%
Crack	0.6%	2.2%	1.8%
Ecstasy	0.4%	1.4%	1.4%
Heroin	0.4%	2.0%	1.2%
Inhalants	0.6%	3.7%	5.7%
LSD/Psychedelic	0.4%	1.4%	1.4%
Steroids	0.4%	1.8%	1.0%
Uppers/Amphetamines	0.4%	1.2%	2.4%
Vicodin/Oxycontin	1.0%	3.5%	9.1%
Other Prescription	1.2%	2.0%	6.9%
Other	2.5%	2.9%	4.0%

Allegany County **Risk and Protective Factor Survey** **Reported Substance Use** **Other Drug Use**	**Allegany County Schools** **6th Grade** **520**	**Allegany County Schools** **8th Grade** **509**	**Allegany County Schools** **10th Grade** **506**
Used ANY in Past 30 days	2.5%	5.5%	10.5%
Cocaine	0.6%	2.2%	1.6%
Cough. Cold Medicines	1.0%	3.1%	2.2%
Crack	0.4%	1.8%	0.8%
Ecstasy	0.4%	1.6%	1.0%
Heroin	0.4%	1.6%	0.6%
Inhalants	0.8%	2.6%	2.6%
LSD/Psychedelic	0.4%	1.4%	1.2%
Steroids	0.4%	1.6%	0.6%
Uppers/Amphetamines	0.4%	1.6%	1.8%
Vicodin/Oxycontin	0.8%	2.8%	6.1%
Other Prescription	0.8%	1.8%	4.0%
Other	1.2%	2.6%	2.8%

Prevalence of Recent Use
(Past 30 Days)
Allegany County

Table 2-c

Allegany County Risk and Protective Factor Survey 2011 Used in the Past 30 Days	Schools 6th Grade 423	Schools 8th Grade 442	Schools 10th Grade 426	Schools 12th Grade 426
Drank Alcohol	0.9%	10.6%	27.9%	38.0%
Drank 5+ Drinks	0.0%	0.2%	18.8%	29.8%
Cigarettes	0.9%	10.2%	18.8%	29.8%
Marijuana	0.0%	5.4%	16.4%	17.8%
Any Other Drug*	0.5%	2.7%	7.3%	8.9%
Pain killers such as Vicodin/Oxycontin	0.0%	1.6%	5.9%	6.3%
Other Prescription	0.0%	0.9%	3.1%	4.2%
Over the counter drugs	0.2%	1.1%	2.6%	2.3%

* Not given by a Dr. or Parent

Table 4-a

Allegany County Risk and Protective Factor Survey - 2011		**Allegany County 2011**
6th Grade Students	**N=**	423
Family History of Antisocial Behavior (R9-F)		19.6%
Personal Transitions/Mobility (R3-C)		16.3%
Lack Rewards for Prosocial Behavior in the Community (P2-C)		15.6%
Lack Opportunities for Prosocial Involvement in the Community (P1-C)		14.7%
Low Neighborhood Attachment (R1-C)		12.8%
Community Disorganization (R2-C)		10.2%
Sensation Seeking (R22-PI)		10.2%
Impulsiveness (R16-PI)		9.0%
Lack Opportunities for Prosocial Involvement in Family(P4-F)		8.7%
Lack Rewards for Prosocial Involvement in Family (P5-F)		8.7%
Lack Perceived Risks of Drug Use (P8-PI)		8.3%
Lack Social Skills (P10-PI)		8.0%
Lack Attachment to Family (P3-F)		8.0%
Family Conflict (R8-F)		7.8%
Lack Opportunities for Prosocial Involvement in School (P6-S)		5.7%
Rebelliousness (R14-PI)		5.7%
Rewards for Antisocial Involvement (R23-PI)		5.2%
Lack of Family Supervision and Rules (R6-F)		4.5%
Lack Rewards for Prosocial Involvement in School(P7-S)		4.3%
Favorable Attitudes Toward Antisocial Behavior (R18-PI)		3.1%
Poor Family Discipline (R7-F)		3.1%
Parental Attitudes Favorable to Antisocial Behavior (R11-F)		2.4%
Lack a Belief in Moral Order (P11-PI)		1.9%
Little Commitment to School (R13-S)		1.4%
Laws and Norms Favorable to Drug Use (R4-C)		1.4%
Favorable Attitudes Toward Drug Use (R19-PI)		1.2%
Perceived Availability of Drugs (R5-C)		0.9%
Interaction With Antisocial Peers (R20-PI)		0.7%
Friend Use Drugs (R21-PI)		0.5%
Parental Attitudes Favorable to Drug Use (R10-F)		0.2%
Antisocial Behavior (R17-PI)		0.2%

(1-"At-risk"=>1 standard score on Risk Factor or <-1 on Protective Factor)

(R=Risk Factor P=Protective Factor)

(PI=Peer/Individual Domain)

(S=School Domain)

Table 4-b.		**Allegany County**
Allegany County Risk and Protective Factor Survey - 2011		**2011**
8th Grade Students	**N=**	**442**
Personal Transitions/Mobility (R3-C)		21.9%
Family History of Antisocial Behavior (R9-F)		20.8%
Community Disorganization (R2-C)		20.6%
Sensation Seeking (R22-PI)		18.8%
Low Neighborhood Attachment (R1-C)		16.7%
Lack Rewards for Prosocial Behavior in the Community (P2-C)		15.8%
Lack Attachment to Family (P3-F)		14.9%
Impulsiveness (R16-PI)		14.7%
Lack Opportunities for Prosocial Involvement in Family(P4-F)		14.3%
Lack Opportunities for Prosocial Involvement in the Community (P1-C)		12.0%
Lack Rewards for Prosocial Involvement in Family (P5-F)		11.8%
Rebelliousness (R14-PI)		10.4%
Rewards for Antisocial Involvement (R23-PI)		10.0%
Favorable Attitudes Toward Antisocial Behavior (R18-PI)		9.7%
Lack of Family Supervision and Rules (R6-F)		9.3%
Family Conflict (R8-F)		9.0%
Poor Family Discipline (R7-F)		8.6%
Lack Opportunities for Prosocial Involvement in School (P6-S)		8.1%
Lack Social Skills (P10-PI)		7.7%
Lack Perceived Risks of Drug Use (P8-PI)		7.2%
Laws and Norms Favorable to Drug Use (R4-C)		6.8%
Lack Rewards for Prosocial Involvement in School(P7-S)		6.6%
Parental Attitudes Favorable to Antisocial Behavior (R11-F)		5.9%
Little Commitment to School (R13-S)		4.1%
Favorable Attitudes Toward Drug Use (R19-PI)		3.6%
Perceived Availability of Drugs (R5-C)		3.2%
Parental Attitudes Favorable to Drug Use (R10-F)		2.7%
Antisocial Behavior (R17-PI)		2.7%
Lack a Belief in Moral Order (P11-PI)		2.5%
Friend Use Drugs (R21-PI)		2.5%
Interaction With Antisocial Peers (R20-PI)		1.8%

(1-"At-risk"=>1 standard score on Risk Factor or <-1 on Protective Factor)

(R=Risk Factor P=Protective Factor)

(PI=Peer/Individual Domain)

(S=School Domain)

Table 4-c.		**Allegany County**
Allegany County Risk and Protective Factor Survey - 2011		**2011**
10th Grade Students	**N=**	**426**
Sensation Seeking (R22-PI)		30.3%
Community Disorganization (R2-C)		24.2%
Personal Transitions/Mobility (R3-C)		23.7%
Lack Rewards for Prosocial Behavior in the Community (P2-C)		21.6%
Family History of Antisocial Behavior (R9-F)		21.1%
Low Neighborhood Attachment (R1-C)		20.4%
Rebelliousness (R14-PI)		19.2%
Lack Opportunities for Prosocial Involvement in Family(P4-F)		19.0%
Favorable Attitudes Toward Antisocial Behavior (R18-PI)		18.3%
Lack Rewards for Prosocial Involvement in Family (P5-F)		18.1%
Impulsiveness (R16-PI)		17.8%
Lack of Family Supervision and Rules (R6-F)		17.8%
Laws and Norms Favorable to Drug Use (R4-C)		15.5%
Rewards for Antisocial Involvement (R23-PI)		15.3%
Lack Perceived Risks of Drug Use (P8-PI)		15.0%
Family Conflict (R8-F)		15.0%
Lack Attachment to Family (P3-F)		14.8%
Friend Use Drugs (R21-PI)		14.6%
Poor Family Discipline (R7-F)		14.1%
Lack Opportunities for Prosocial Involvement in the Community (P1-C)		13.1%
Lack Rewards for Prosocial Involvement in School(P7-S)		11.7%
Parental Attitudes Favorable to Antisocial Behavior (R11-F)		11.5%
Perceived Availability of Drugs (R5-C)		11.3%
Parental Attitudes Favorable to Drug Use (R10-F)		10.3%
Interaction With Antisocial Peers (R20-PI)		9.6%
Lack Opportunities for Prosocial Involvement in School (P6-S)		8.9%
Antisocial Behavior (R17-PI)		6.8%
Favorable Attitudes Toward Drug Use (R19-PI)		6.6%
Little Commitment to School (R13-S)		6.1%
Lack Social Skills (P10-PI)		5.4%
Lack a Belief in Moral Order (P11-PI)		4.0%

(1-"At-risk"=>1 standard score on Risk Factor or <-1 on Protective Factor)

(R=Risk Factor P=Protective Factor)

(PI=Peer/Individual Domain)

(S=School Domain)

Table 4-d.		**Allegany County**
Allegany County Risk and Protective Factor Survey - 2011		**2011**
12th Grade Students	**N=**	**426**
Sensation Seeking (R22-PI)		27.7%
Lack of Family Supervision and Rules (R6-F)		25.6%
Community Disorganization (R2-C)		24.6%
Laws and Norms Favorable to Drug Use (R4-C)		24.2%
Personal Transitions/Mobility (R3-C)		23.5%
Lack Rewards for Prosocial Behavior in the Community (P2-C)		20.9%
Low Neighborhood Attachment (R1-C)		20.7%
Friend Use Drugs (R21-PI)		20.4%
Lack Attachment to Family (P3-F)		20.2%
Lack Rewards for Prosocial Involvement in Family (P5-F)		20.2%
Parental Attitudes Favorable to Drug Use (R10-F)		20.2%
Perceived Availability of Drugs (R5-C)		20.2%
Lack Perceived Risks of Drug Use (P8-PI)		19.2%
Poor Family Discipline (R7-F)		19.0%
Family History of Antisocial Behavior (R9-F)		19.0%
Rebelliousness (R14-PI)		18.5%
Lack Opportunities for Prosocial Involvement in Family(P4-F)		17.4%
Rewards for Antisocial Involvement (R23-PI)		16.4%
Favorable Attitudes Toward Antisocial Behavior (R18-PI)		16.2%
Impulsiveness (R16-PI)		16.0%
Family Conflict (R8-F)		12.7%
Lack Opportunities for Prosocial Involvement in the Community (P1-C)		12.4%
Parental Attitudes Favorable to Antisocial Behavior (R11-F)		11.3%
Interaction With Antisocial Peers (R20-PI)		9.9%
Little Commitment to School (R13-S)		8.5%
Antisocial Behavior (R17-PI)		8.0%
Lack Social Skills (P10-PI)		7.0%
Lack Rewards for Prosocial Involvement in School(P7-S)		6.8%
Lack Opportunities for Prosocial Involvement in School (P6-S)		6.3%
Lack a Belief in Moral Order (P11-PI)		4.9%
Favorable Attitudes Toward Drug Use (R19-PI)		4.5%

(1-"At-risk"=>1 standard score on Risk Factor or <-1 on Protective Factor)
(R=Risk Factor P=Protective Factor)
(PI=Peer/Individual Domain)
(S=School Domain)

Overall Risk Level
(Number of Factors)
Allegany County
2011

Table 5.
Proportion of Students by Number of Factors at the At-Risk Level

	Allegany County Schools 6th grade	Allegany County Schools 8th grade	Allegany County Schools 10th grade	Allegany County Schools 12th grade
N=	**423**	**442**	**426**	**426**
No Factors At-Risk	29.3%	19.7%	16.0%	12.9%
One	26.5%	21.9%	14.6%	13.8%
Two	15.1%	18.8%	13.4%	9.4%
Three	11.6%	12.7%	10.6%	11.0%
Four	5.9%	8.1%	8.2%	9.9%
Five or More	11.6%	18.8%	37.3%	43.0%

Overall Risk Level
(Number of Factors)
Allegany County
2009

Proportion of Students by Number of Factors at the At-Risk Level

	Allegany County Schools 6th grade	Allegany County Schools 8th grade	Allegany County Schools 10th grade
N=	**469**	**460**	**459**
No Factors At-Risk	23.9%	18.3%	12.6%
One	29.4%	17.2%	13.3%
Two	18.3%	13.9%	11.1%
Three	11.9%	12.4%	8.1%
Four	4.3%	8.9%	10.7%
Five or More	10.9%	27.6%	42.0%

Table 6-a.
Allegany County Risk and Protective Factor Survey – 2011

	Allegany County Schools 6th Grade	Allegany County Schools 8th Grade	Allegany County Schools 10th Grade	Allegany County Schools 12th Grade
In the past 30 days how many times did you verbally threaten or bully someone? N=	423	442	426	426
None	85.1%	76.9%	74.2%	79.3%
Once	6.2%	8.9%	7.1%	5.8%
Twice	3.1%	4.3%	6.6%	4.0%
Three or more	5.7%	9.9%	12.0%	11.0%
One or more times	14.9%	23.1%	25.8%	20.8%
In the past 30 days how many times were you threatened or bullied by someone? N=	423	442	426	426
None	78.8%	66.7%	74.5%	84.3%
Once	11.7%	9.2%	8.3%	3.5%
Twice	7.9%	4.5%	4.2%	2.2%
Three or more	1.6%	19.6%	13.0%	10.0%
One or more times	21.2%	33.3%	25.5%	15.7%

Table 6-b.
Allegany County Risk and Protective Factor Survey - 2011

	Allegany County Schools 6th Grade	Allegany County Schools 8th Grade	Allegany County Schools 10th Grade	Allegany County Schools 12th Grade
You see some students pushing and threatening another student.	423	442	426	426
What would you do?				
Tell them to stop	37.1%	52.0%	48.6%	57.5%
Go for help from a teacher or other adult	68.1%	40.3%	27.5%	24.6%
Threaten them/push them	10.2%	15.8%	17.6%	17.6%
Nothing	4.0%	9.3%	16.7%	15.3%
You see hear students making fun or saying cruel things to another student. What would you do?	423	442	426	426
Tell them to stop	46.8%	60.4%	58.7%	61.5%
Go for help from a teacher or other adult	57.9%	30.1%	19.0%	16.4%
Threaten them/push them	8.3%	13.6%	11.7%	13.6%
Nothing	3.8%	12.2%	17.8%	19.0%

Table 7-a.
Allegany County Risk & Protective Factor Survey - 2011

Allegany County In the past year have you felt depressed or sad most days, even if you felt OK sometimes?	6th Grade Females	Males	8th Grade Females	Males	10th Grade Females	Males	12th Grade Females	Males
N	**224**	**199**	**211**	**231**	**222**	**204**	**222**	**204**
Strongly disagree	30.3%	35.0%	23.3%	27.4%	19.0%	28.6%	25.1%	25.8%
Disagree	24.4%	21.8%	21.0%	32.6%	26.2%	31.0%	24.2%	39.4%
Agree	22.6%	28.4%	30.5%	24.8%	32.1%	21.7%	34.0%	22.7%
Strongly agree	22.6%	14.7%	25.2%	15.2%	22.6%	18.7%	16.7%	12.1%
Agree/Strongly Agree	**45.2%**	**43.1%**	**55.7%**	**40.0%**	**54.8%**	**40.4%**	**50.7%**	**34.8%**

Table 7-b.
Risk and Protective Factor Survey
2011

Allegany County During the past 12 months did you make a plan about how you would attempt suicide?	6th Grade Females	Males	8th Grade Females	Males	10th Grade Females	Males	12th Grade Females	Males
N	**224**	**199**	**211**	**231**	**222**	**204**	**222**	**204**
Yes	5.8%	8.0%	11.8%	9.5%	16.7%	10.8%	11.7%	7.8%
No	92.0%	91.0%	87.7%	88.7%	82.0%	88.2%	84.7%	89.2%

Table 7-c.
Risk and Protective Factor Survey
2011
Allegany County

During the past 12 months how many times did you actually attempt suicide?	6th Grade Females	6th Grade Males	8th Grade Females	8th Grade Males	10th Grade Females	10th Grade Males	12th Grade Females	12th Grade Males
N	**224**	**199**	**211**	**231**	**222**	**204**	**222**	**204**
None	95.1%	96.0%	91.5%	95.2%	90.5%	92.6%	97.3%	95.1%
1	3.6%	3.0%	4.3%	2.6%	5.4%	2.5%	1.4%	1.0%
2	1.3%	0.5%	1.4%	0.4%	3.2%	1.0%	0.9%	0.0%
3 or more	0.0%	0.5%	2.8%	1.7%	0.9%	3.9%	0.5%	3.9%
One or more	**4.9%**	**4.0%**	**8.5%**	**4.8%**	**9.5%**	**7.4%**	**2.7%**	**4.9%**

Table 7-d
Risk and Protective Factor Survey
2011
Allegany County

During the past 12 months did any attempt result in injury, poisoning or overdose that had to be treated by a doctor or nurse?	6th Grade Females	6th Grade Males	8th Grade Females	8th Grade Males	10th Grade Females	10th Grade Males	12th Grade Females	12th Grade Males
N	**224**	**199**	**211**	**231**	**222**	**204**	**222**	**204**
Yes	0.9%	1.5%	0.9%	1.7%	2.7%	1.0%	0.9%	3.9%
No	99.1%	98.5%	99.1%	98.3%	97.3%	99.0%	99.1%	96.1%

Table 8.
Risk and Protective Factor Survey
2011
Allegany County

Have you ever hurt yourself by cutting or burning yourself when you were upset about something?	6th Grade Females	6th Grade Males	8th Grade Females	8th Grade Males	10th Grade Females	10th Grade Males	12th Grade Females	12th Grade Males
N	**224**	**199**	**211**	**231**	**222**	**204**	**222**	**204**
Yes	4.9%	7.0%	17.1%	6.5%	29.3%	11.3%	22.5%	8.3%
No	95.1%	93.0%	82.9%	93.5%	70.7%	88.7%	77.5%	91.7%

Appendix A

Risk and Protective Factor Survey

Factor (Scale) Definitions

October 2000

COMMUNITY: Low Neighborhood Attachment (R1)

I like my neighborhood.

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

COMMUNITY: Community Disorganization (R2)

How much do each of the following statements describe your neighborhood:

crime and/or drug selling.

fights.

lots of empty or abandoned buildings.

lots of graffiti.

COMMUNITY: Personal Transitions and Mobility (R3)

Have you changed homes in the past year?

How many times have you changed homes since kindergarten?

Have you changed schools in the past year?

How many times have you changed schools since kindergarten?

COMMUNITY: Laws and Norms Favorable to Drug Use (R4)

How wrong would most adults in your neighborhood think it was for kids your age:

to use marijuana.

to drink alcohol.

to smoke cigarettes.

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?

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

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

COMMUNITY: Perceived Availability of Drugs & Handguns (R5)

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?

IF You wanted to get some cigarettes, how easy would it be for you to get some?

If you wanted to get some marijuana, how easy would it be for you to get some?

If you wanted to get a drug like cocaine, LSD, or amphetamines, how easy would it be for you to get some?

If you wanted to get a handgun, how easy would it be for you to get one?

COMMUNITY: Opportunities for Prosocial Involvement (P1)

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

sports teams.

scouting.

boys and girls clubs.

4-H clubs.

service clubs.

COMMUNITY: Rewards for Prosocial Involvement (P2)

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

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

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

FAMILY: Lack of Supervision and Rules (R6)

My parents ask if I've gotten my homework done.

My parents want me to call if I'm going to be late getting home.

Would your parents know if you did not come home on time?

When I am not at home, one of my parents knows where I am and who I am with.

The rules in my family are clear.

My family has clear rules about alcohol and drug use.

FAMILY: Poor Discipline (R7)

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?

If you skipped school would you be caught by your parents?

If you carried a handgun without your parents' permission, would you be caught by your parents?

FAMILY: Family Conflict (R8)

People in my family often insult or yell at each other.

People in my family have serious arguments.

We argue about the same things in my family over and over.

FAMILY: Family History of Antisocial Behavior (R9)

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

Have any of your brothers or sisters ever:

drunk beer, wine or hard liquor (for example, vodka, whiskey or gin)?

smoked marijuana?

smoked cigarettes?

taken a handgun to school?

been suspended or expelled from school?

About how many adults have you known personally who in the past year have:

used marijuana, crack, cocaine, or other drugs?

sold or dealt drugs?

done other things that could get them in trouble with the police like stealing, selling stolen goods, mugging or assaulting others, etc)

gotten drunk or high?

FAMILY: Parental Attitudes Favorable Toward Drug Use (R10)

How wrong do your parents feel it would be for <u>you</u> to:

drink beer, wine or hard liquor (for example, vodka, whiskey or gin) regularly?

smoke cigarettes?

smoke marijuana?

FAMILY: Parental Attitudes Favorable to Antisocial Behavior (R11)

steal anything worth more than $5?

draw graffiti, or write things or draw pictures on buildings or other property (without the owner's permission)?

pick a fight with someone?

FAMILY: Attachment (P3)

Do you feel very close to your mother?

Do you share your thoughts and feelings with your mother?

Do you feel very close to your father?

Do you share your thoughts and feelings with your father?

FAMILY: Opportunities for Prosocial Involvement (P4)

My parents give me lots of chances to do fun things with them.

My parents ask me what I think before most family decisions affecting me are made.

If I had a personal problem, I could ask my mom or dad for help.

FAMILY: Rewards for Prosocial Involvement (P5)

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

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

Do you enjoy spending time with your mother?

Do you enjoy spending time with your father?

SCHOOL: Academic Failure (R12)

Putting them all together, what were your grades like last year? (#53)

Are your school grades better than the grades of most students in your class? (#54)

SCHOOL: Little Commitment to School (R13)

How often do you feel that the school work you are assigned is meaningful and important? (#55)

How interesting are most of your courses to you? (#56)

How important do you think the things you are learning in school are going to be for your later life? (#57)

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

Enjoy being in school? (#58a)

Hate being in school? (#58b)

Try to do your best work in school? (#58c)

During the LAST FOUR WEEKS how many whole days have you missed...

because of illness (#59a)

because you skipped or "cut" (#59b)

for other reasons (#59c)

SCHOOL: Opportunities for Prosocial Involvement (P6)

In my school, students have lots of chances to help decide things like class activities and rules. (#60)

There are lots of chances for students in my school to talk with a teacher one-on-one. (#61)

Teachers ask me to work on special classroom projects. (#62)

There are lots of chances for students in my school to get involved in sports, clubs, and other school activities outside of class. (#63)

I have lots of chances to be part of class discussions or activities. (#64)

SCHOOL: Rewards for Prosocial Involvement (P7)

My teacher(s) notices when I am doing a good job and lets me know about it. (#65)

The school lets my parents know when I have done something well. (#66)

I feel safe at my school. (#67)

My teachers praise me when I work hard in school. (#68)

PEER-INDIVIDUAL: Rebelliousness (R14)

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

I ignore rules that get in my way.

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

PEER-INDIVIDUAL: Early Initiation of Problem Behavior (r15)

How old were you when you first:

smoked marijuana?

smoked a cigarette, even just a puff?

had more than a sip or two of beer, wine or hard liquor (for example, vodka, whiskey, or gin)?

began drinking alcoholic beverages regularly, that is, at least once or twice a month?

got suspended from school?

got arrested?

carried a handgun?

attacked someone with the idea of seriously hurting them?

PEER-INDIVIDUAL: Impulsiveness (R16)

It is important to think before you act.

Do you have to have everything right away?

I often do things without thinking about what will happen.

Do you often switch from activity to activity rather than sticking to one thing at a time?

PEER-INDIVIDUAL: Antisocial Behavior (R17)

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

been suspended from school?

carried a handgun?

sold illegal drugs?

stolen or tried to steal a motor vehicle such as a car or motorcycle?

been arrested?

attacked someone with the idea of seriously hurting them?

been drunk or high at school?

taken a handgun to school?

PEER-INDIVIDUAL: Favorable Attitudes Toward Antisocial Behavior (R18)

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

take a handgun to school?

steal anything worth more than $5?

pick a fight with someone?

attack someone with the idea of seriously hurting them?

stay away from school all day when their parents think they are at school?

PEER-INDIVIDUAL: Favorable Attitudes Toward Drug Use (R19)

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

drink beer, wine or hard liquor (for example, vodka, whiskey or gin) regularly?

smoke cigarettes?

smoke marijuana?

use LSD, cocaine, amphetamines or another illegal drug?

PEER-INDIVIDUAL: Perceived Risks of Drug Use (P8)

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

Smoke one or more packs of cigarettes per day?

Try marijuana once or twice?

Smoke marijuana regularly? Take one or two drinks of an alcoholic beverage (beer, wine, liquor) nearly every day?

PEER-INDIVIDUAL: Interaction with Antisocial Peers (R20)

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:

been suspended from school?

carried a handgun?

sold illegal drugs?

stolen or tried to steal a motor vehicle such as a car or motorcycle?

been arrested?

dropped out of school?

PEER-INDIVIDUAL: Friends' Use of Drugs (R21)

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:

smoked cigarettes?

tried beer, wine or hard liquor (for example, vodka, whiskey or gin) when their parents didn't know about it?

used marijuana?

used LSD, cocaine, amphetamines, or other illegal drugs?

PEER-INDIVIDUAL: Sensation Seeking (R22)

How many times have you done the following things?

Done what feels good no matter what.

Done something dangerous because someone dared you to do it.

Done crazy things even if they are a little dangerous.

PEER-INDIVIDUAL: Rewards for Antisocial Involvement (R23)

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

smoked cigarettes?

began drinking alcoholic beverages regularly,
that is, at least once or twice a month?

smoked marijuana?

carried a handgun?

PEER-INDIVIDUAL: Religiosity (P9)

How often do you attend religious services or activities?

PEER-INDIVIDUAL: Social Skills (P10)

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's a joke, and ask her to put the CD back

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'd get home, and ask if you can go out
Not say anything and start watching TV
Get into an argument with her

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're going" and keep on walking
Swear at the person and walk away

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

PEER-INDIVIDUAL: Belief in the Moral Order (P11)

I think it is okay to take something without asking if you can get away with it.

I think sometimes it's okay to cheat at school.

It is all right to beat up people if they start the fight.

It is important to be honest with your parents, even if they become upset or you get punished.)

Appendix B

Priority Risk and Protective Factors

Strategic prevention planning requires analysis of the prevalence of problem behaviors, such as substance use, as well analysis of the root causes of these problems. The Student Risk and Protective Factor Survey provides data on which to conduct analyses of risk and protective factors as root causes. The following tables of survey results show the results of analyses of each factor and its relationship to the target problems, e.g. alcohol use, marijuana use or bullying. These analyses support the original Hawkins and Catalano model in that almost every factor, as measured by the survey, is related to significantly greater prevalence of use. However, several factors will have a stronger relationship to substance use and other problem behaviors. These can be considered the most important root causes. These factors help explain "why?" there are specific problems prevalent among students in Allegany County[2].

These analyses show the relationship of each factor to substance use and other health risk behaviors. First, students who scored below the risk level ("No Risk") for each factor are compared to the students who scored at or above the risk level ("Risk"). The relationship between the factor and reported use is expressed as a ratio. The ratio is calculated by dividing the proportion of at-risk students who reported drinking by the proportion of no risk students who reported drinking. For example, in the first table, 31.4% of students who were not at risk from *antisocial behavior* reported drinking alcohol in the past 30 days while 84.1% of students at risk from *antisocial behavior* reported drinking. Thus, the relationship between friends who scored at risk on *antisocial behavior* and alcohol use is 84.1%/31.4%=2.68. To put it another way, students at risk from antisocial behavior were 2.68 times more likely to have used alcohol in the past 30 days. In the tables, factors are sorted by the size of the ratio.

The final table provides the results of combining the ranking of factors for each of the most prevalent factors including alcohol, marijuana, tobacco, other drugs as well as bullying depression and self-injury. The rankings are summed and weighted by the prevalence of each factor to give a final weighted score. The smaller the score, the higher the priority of the factors for prevention planning purposes.

[2] Note: These analyses are conducted using data for high school students only. There are two reasons for this. First, (fortunately) the rates of the target problem behaviors are extremely small among middle school students. This is problematic for statistical analysis. Second, conceptually, prevention planning should lead to strategies that address the problems that develop among high school students. Prevention strategies should be implemented in middle or grade school in order to prevent the onset of problems.

Table B-1

Allegany County High School Students - 2011 N=840	Factor	Drank Alcohol in Past 30 Days		
	Prevalence	No Risk	Risk	Ratio
Antisocial Behavior (R17-PI)	7.5%	31.4%	84.1%	2.68
Friend Use Drugs (R21-PI)	17.7%	28.8%	65.8%	2.28
Sensation Seeking (R22-PI)	29.4%	26.0%	57.9%	2.23
Parental Attitudes Favorable to Drug Use (R10-F)	15.5%	29.7%	66.2%	2.23
Little Commitment to School (R13-S)	7.4%	32.6%	69.4%	2.12
Perceived Availability of Drugs (R5-C)	16.0%	30.0%	63.4%	2.11
Poor Discipline (R7-F)	16.8%	26.8%	55.0%	2.06
Rebelliousness (R14-PI)	19.2%	29.5%	60.2%	2.05
Lack Perceived Risks of Drug Use (P8-PI)	17.4%	30.1%	60.3%	2.00
Interaction With Antisocial Peers (R20-PI)	9.9%	32.2%	63.9%	1.98
Parental Attitudes Favorable to Antisocial Beh (R11-F)	11.5%	31.9%	61.9%	1.94
Favorable Attitudes Toward Drug Use (R19-PI)	5.6%	33.7%	63.8%	1.90
Rewards for Antisocial Involvement (R23-PI)	16.1%	30.9%	58.5%	1.89
Favorable Attitudes Toward Antisocial Beh (R18-PI)	17.5%	30.6%	57.8%	1.89
Laws and Norms Favorable to Drug Use (R4-C)	20.1%	30.6%	54.4%	1.78
Lack of Supervision and Rules (R6-F)	22.0%	30.2%	53.5%	1.77
Impulsiveness (R16-PI)	17.1%	31.6%	53.5%	1.69
Lack Opportunities for Prosocial Involvement (P4-F)	18.5%	31.4%	52.9%	1.69
Lack Rewards for Prosocial Involvement (P5-F)	19.4%	31.5%	51.5%	1.64
Lack Social Skills (P10-PI)	6.3%	34.1%	54.7%	1.61
Lack Opportunities for Prosocial Involvement (P6-S)	7.7%	34.1%	50.8%	1.49
Family Conflict (R8-F)	14.0%	33.2%	48.3%	1.45
Lack Attachment to Family (P3-F)	17.7%	32.9%	47.0%	1.43
Lack Rewards for Prosocial Behavior (P2-C)	21.5%	32.6%	45.3%	1.39
Lack Belief in Moral Order (P11-PI)	4.5%	34.8%	47.4%	1.36
Community Disorganization (R2-C)	24.8%	32.8%	43.3%	1.32
Lack Rewards for Prosocial Involvement (P7-S)	9.4%	29.7%	38.7%	1.30
Personal Transitions/Mobility (R3-C)	24.0%	34.3%	38.6%	1.12
Lack Opportunities for Prosocial Involvement (P1-C)	13.0%	34.9%	38.5%	1.10
Fam History of Antisocial Behavior (R9-F)	20.4%	35.1%	36.3%	1.03
Low Neighborhood Attachment(R1-C)	20.8%	35.2%	36.0%	1.02

Table B-2

Allegany County High School Students - 2011 N=840	Factor Prevalence	Smoked Cigarettes in Past 30 Days No Risk	Risk	Ratio
Friend Use Drugs (R21-PI)	17.7%	15.9%	70.5%	4.43
Antisocial Behavior (R17-PI)	7.5%	21.6%	74.6%	3.45
Parental Attitudes Favorable to Drug Use (R10-F)	15.5%	18.6%	63.8%	3.43
Lack Perceived Risks of Drug Use (P8-PI)	17.4%	18.0%	61.6%	3.42
Interaction With Antisocial Peers (R20-PI)	9.9%	21.7%	61.4%	2.84
Sensation Seeking (R22-PI)	29.4%	17.0%	46.2%	2.71
Favorable Attitudes Toward Drug Use (R19-PI)	5.6%	23.6%	59.6%	2.53
Little Commitment to School (R13-S)	7.4%	23.1%	56.5%	2.44
Parental Attitudes Favorable to Antisocial Beh (R11-F)	11.5%	22.1%	52.6%	2.38
Favorable Attitudes Toward Antisocial Beh (R18-PI)	17.5%	20.6%	49.0%	2.37
Rebelliousness (R14-PI)	19.2%	20.3%	47.8%	2.35
Poor Discipline (R7-F)	16.8%	22.3%	48.9%	2.19
Lack of Supervision and Rules (R6-F)	22.0%	20.6%	43.2%	2.10
Impulsiveness (R16-PI)	17.1%	21.6%	45.1%	2.09
Lack Social Skills (P10-PI)	6.3%	24.1%	47.2%	1.95
Laws and Norms Favorable to Drug Use (R4-C)	20.1%	21.6%	41.4%	1.92
Perceived Availability of Drugs (R5-C)	16.0%	22.5%	41.8%	1.86
Rewards for Antisocial Involvement (R23-PI)	16.1%	22.7%	40.7%	1.80
Personal Transitions/Mobility (R3-C)	24.0%	21.9%	37.1%	1.69
Lack Rewards for Prosocial Behavior (P2-C)	21.5%	22.5%	37.0%	1.65
Lack Opportunities for Prosocial Involvement (P1-C)	13.0%	23.7%	38.5%	1.63
Lack Opportunities for Prosocial Involvement (P6-S)	7.7%	24.5%	38.5%	1.57
Lack Rewards for Prosocial Involvement (P7-S)	9.4%	24.3%	38.0%	1.56
Family Conflict (R8-F)	14.0%	23.8%	36.4%	1.53
Lack Opportunities for Prosocial Involvement (P4-F)	18.5%	23.5%	34.8%	1.48
Lack Attachment to Family (P3-F)	17.7%	23.7%	34.2%	1.44
Lack Rewards for Prosocial Involvement (P5-F)	19.4%	23.6%	33.7%	1.43
Community Disorganization (R2-C)	24.8%	23.4%	32.2%	1.38
Low Neighborhood Attachment(R1-C)	20.8%	23.9%	32.0%	1.34
Lack Belief in Moral Order (P11-PI)	4.5%	25.6%	26.3%	1.03
Fam History of Antisocial Behavior (R9-F)	20.4%	26.9%	20.5%	0.76

Table B-3

Allegany County High School Students - 2011 N=840	Factor	Smoked Pot in Past 30 Days		
	Prevalence	No Risk	Risk	Ratio
Friend Use Drugs (R21-PI)	17.7%	8.4%	54.8%	6.50
Antisocial Behavior (R17-PI)	7.5%	12.2%	67.2%	5.53
Lack Perceived Risks of Drug Use (P8-PI)	17.4%	9.6%	49.3%	5.14
Parental Attitudes Favorable to Drug Use (R10-F)	15.5%	10.1%	50.4%	4.98
Parental Attitudes Favorable to Antisocial Beh (R11-F)	11.5%	12.1%	47.8%	3.93
Interaction With Antisocial Peers (R20-PI)	9.9%	12.7%	48.7%	3.83
Little Commitment to School (R13-S)	7.4%	13.5%	49.2%	3.65
Favorable Attitudes Toward Drug Use (R19-PI)	5.6%	14.3%	48.8%	3.41
Lack of Supervision and Rules (R6-F)	22.0%	10.7%	35.4%	3.31
Sensation Seeking (R22-PI)	29.4%	9.7%	31.8%	3.27
Rebelliousness (R14-PI)	19.2%	11.5%	36.4%	3.18
Perceived Availability of Drugs (R5-C)	16.0%	12.2%	36.7%	3.00
Favorable Attitudes Toward Antisocial Beh (R18-PI)	17.5%	12.1%	36.0%	2.98
Laws and Norms Favorable to Drug Use (R4-C)	20.1%	12.1%	32.3%	2.67
Poor Discipline (R7-F)	16.8%	12.6%	33.6%	2.66
Impulsiveness (R16-PI)	17.1%	12.7%	32.6%	2.57
Lack Social Skills (P10-PI)	6.3%	14.6%	37.3%	2.55
Lack Rewards for Prosocial Involvement (P7-S)	9.4%	14.5%	31.5%	2.17
Lack Opportunities for Prosocial Involvement (P6-S)	7.7%	14.8%	31.7%	2.14
Rewards for Antisocial Involvement (R23-PI)	16.1%	13.8%	27.9%	2.02
Personal Transitions/Mobility (R3-C)	24.0%	13.0%	25.9%	1.99
Lack Rewards for Prosocial Involvement (P5-F)	19.4%	13.6%	26.5%	1.94
Lack Opportunities for Prosocial Involvement (P4-F)	18.5%	13.8%	26.4%	1.91
Lack Attachment to Family (P3-F)	17.7%	14.0%	25.3%	1.81
Family Conflict (R8-F)	14.0%	14.6%	25.0%	1.72
Lack Rewards for Prosocial Behavior (P2-C)	21.5%	14.2%	22.9%	1.61
Lack Opportunities for Prosocial Involvement (P1-C)	13.0%	15.0%	22.9%	1.52
Community Disorganization (R2-C)	24.8%	14.4%	21.4%	1.49
Low Neighborhood Attachment(R1-C)	20.8%	14.9%	20.5%	1.38
Fam History of Antisocial Behavior (R9-F)	20.4%	16.5%	14.2%	0.86
Lack Belief in Moral Order (P11-PI)	4.5%	16.5%	5.9%	0.36

Table B-4

Allegany County High School Students - 2011 N=840	Factor Prevalence	Used Other Drug in Past 30 Days No Risk	Used Other Drug in Past 30 Days Risk	Ratio
Friend Use Drugs (R21-PI)	17.7%	2.3%	37.6%	16.23
Antisocial Behavior (R17-PI)	7.5%	4.5%	58.7%	13.04
Favorable Attitudes Toward Antisocial Beh (R18-PI)	17.5%	3.6%	32.0%	8.86
Interaction With Antisocial Peers (R20-PI)	9.9%	5.0%	41.0%	8.16
Favorable Attitudes Toward Drug Use (R19-PI)	5.6%	6.2%	48.9%	7.92
Parental Attitudes Favorable to Drug Use (R10-F)	15.5%	4.5%	30.8%	6.83
Lack Perceived Risks of Drug Use (P8-PI)	17.4%	4.3%	28.8%	6.65
Rebelliousness (R14-PI)	19.2%	4.3%	26.7%	6.25
Perceived Availability of Drugs (R5-C)	16.0%	5.0%	27.6%	5.57
Parental Attitudes Favorable to Antisocial Beh (R11-F)	11.5%	5.7%	30.9%	5.47
Sensation Seeking (R22-PI)	29.4%	4.0%	19.4%	4.80
Lack Social Skills (P10-PI)	6.3%	7.0%	32.1%	4.59
Little Commitment to School (R13-S)	7.4%	6.8%	30.6%	4.50
Lack of Supervision and Rules (R6-F)	22.0%	5.2%	20.5%	3.96
Impulsiveness (R16-PI)	17.1%	5.7%	22.2%	3.87
Poor Discipline (R7-F)	16.8%	6.0%	21.3%	3.54
Laws and Norms Favorable to Drug Use (R4-C)	20.1%	5.8%	19.5%	3.36
Lack Opportunities for Prosocial Involvement (P4-F)	18.5%	6.0%	20.0%	3.34
Rewards for Antisocial Involvement (R23-PI)	16.1%	6.4%	20.0%	3.13
Lack Opportunities for Prosocial Involvement (P6-S)	7.7%	7.5%	21.5%	2.88
Personal Transitions/Mobility (R3-C)	24.0%	6.1%	16.3%	2.67
Lack Attachment to Family (P3-F)	17.7%	6.7%	17.4%	2.62
Community Disorganization (R2-C)	24.8%	6.3%	15.4%	2.43
Lack Rewards for Prosocial Involvement (P5-F)	19.4%	6.8%	16.0%	2.35
Lack Rewards for Prosocial Involvement (P7-S)	9.4%	7.6%	17.7%	2.33
Lack Rewards for Prosocial Behavior (P2-C)	21.5%	6.7%	15.5%	2.32
Lack Opportunities for Prosocial Involvement (P1-C)	13.0%	7.5%	15.6%	2.07
Family Conflict (R8-F)	14.0%	7.8%	13.6%	1.75
Low Neighborhood Attachment(R1-C)	20.8%	7.7%	12.0%	1.56
Lack Belief in Moral Order (P11-PI)	4.5%	8.5%	10.5%	1.24
Fam History of Antisocial Behavior (R9-F)	20.4%	9.1%	6.4%	0.71

Table B-5

Allegany County High School Students - 2011 N=840	Factor Prevalence	Bullied Another Student in Past 30 Days No Risk	Bullied Another Student in Past 30 Days Risk	Ratio
Favorable Attitudes Toward Drug Use (R19-PI)	5.6%	20.8%	66.0%	3.17
Favorable Attitudes Toward Antisocial Beh (R18-PI)	17.5%	17.3%	51.7%	2.99
Parental Attitudes Favorable to Antisocial Beh (R11-F)	11.5%	19.5%	52.6%	2.69
Antisocial Behavior (R17-PI)	7.5%	20.7%	55.6%	2.68
Rebelliousness (R14-PI)	19.2%	17.7%	47.2%	2.67
Parental Attitudes Favorable to Drug Use (R10-F)	15.5%	18.9%	47.7%	2.53
Impulsiveness (R16-PI)	17.1%	18.8%	45.1%	2.40
Interaction With Antisocial Peers (R20-PI)	9.9%	20.6%	48.2%	2.34
Lack Rewards for Prosocial Involvement (P7-S)	9.4%	20.8%	48.1%	2.32
Lack Perceived Risks of Drug Use (P8-PI)	17.4%	19.2%	43.2%	2.25
Little Commitment to School (R13-S)	7.4%	21.5%	46.8%	2.18
Perceived Availability of Drugs (R5-C)	16.0%	19.8%	41.8%	2.11
Rewards for Antisocial Involvement (R23-PI)	16.1%	19.9%	41.5%	2.09
Poor Discipline (R7-F)	16.8%	19.7%	41.1%	2.08
Sensation Seeking (R22-PI)	29.4%	17.7%	36.8%	2.08
Friend Use Drugs (R21-PI)	17.7%	19.7%	40.3%	2.05
Laws and Norms Favorable to Drug Use (R4-C)	20.1%	19.5%	38.5%	1.97
Lack of Supervision and Rules (R6-F)	22.0%	19.4%	37.3%	1.92
Lack Opportunities for Prosocial Involvement (P6-S)	7.7%	21.8%	41.5%	1.90
Lack Opportunities for Prosocial Involvement (P4-F)	18.5%	20.0%	38.1%	1.90
Community Disorganization (R2-C)	24.8%	19.3%	35.6%	1.84
Lack Social Skills (P10-PI)	6.3%	22.2%	39.6%	1.78
Family Conflict (R8-F)	14.0%	21.1%	37.3%	1.77
Lack Attachment to Family (P3-F)	17.7%	21.1%	33.6%	1.59
Lack Rewards for Prosocial Involvement (P5-F)	19.4%	21.1%	32.5%	1.54
Lack Rewards for Prosocial Behavior (P2-C)	21.5%	21.2%	30.9%	1.46
Lack Opportunities for Prosocial Involvement (P1-C)	13.0%	22.6%	28.4%	1.26
Lack Belief in Moral Order (P11-PI)	4.5%	23.1%	28.9%	1.25
Personal Transitions/Mobility (R3-C)	24.0%	22.6%	25.7%	1.14
Fam History of Antisocial Behavior (R9-F)	20.4%	22.9%	25.1%	1.10
Low Neighborhood Attachment(R1-C)	20.8%	23.0%	24.6%	1.07

Table B-6

Allegany County High School Students - 2011 N=840	Factor Prevalence	Felt Depressed Most of the Time: No Risk	Felt Depressed Most of the Time: Risk	Ratio
Lack Opportunities for Prosocial Involvement (P4-F)	18.5%	40.9%	65.8%	1.61
Family Conflict (R8-F)	14.0%	42.1%	66.1%	1.57
Lack Rewards for Prosocial Involvement (P7-S)	9.4%	43.5%	64.6%	1.48
Personal Transitions/Mobility (R3-C)	24.0%	40.9%	59.9%	1.46
Lack Rewards for Prosocial Involvement (P5-F)	19.4%	41.8%	60.7%	1.45
Lack Attachment to Family (P3-F)	17.7%	42.1%	61.1%	1.45
Lack Opportunities for Prosocial Involvement (P6-S)	7.7%	44.0%	63.1%	1.43
Community Disorganization (R2-C)	24.8%	41.5%	57.7%	1.39
Low Neighborhood Attachment(R1-C)	20.8%	42.1%	58.3%	1.38
Little Commitment to School (R13-S)	7.4%	44.3%	59.7%	1.35
Lack Social Skills (P10-PI)	6.3%	44.6%	58.5%	1.31
Friend Use Drugs (R21-PI)	17.7%	43.3%	55.7%	1.29
Rebelliousness (R14-PI)	19.2%	43.2%	55.3%	1.28
Lack Rewards for Prosocial Behavior (P2-C)	21.5%	42.9%	54.7%	1.27
Impulsiveness (R16-PI)	17.1%	43.5%	54.9%	1.26
Rewards for Antisocial Involvement (R23-PI)	16.1%	43.7%	54.8%	1.25
Parental Attitudes Favorable to Drug Use (R10-F)	15.5%	44.1%	53.1%	1.20
Favorable Attitudes Toward Antisocial Beh (R18-PI)	17.5%	44.0%	52.4%	1.19
Lack of Supervision and Rules (R6-F)	22.0%	43.7%	51.9%	1.19
Interaction With Antisocial Peers (R20-PI)	9.9%	44.6%	53.0%	1.19
Parental Attitudes Favorable to Antisocial Beh (R11-F)	11.5%	44.5%	52.6%	1.18
Poor Discipline (R7-F)	16.8%	44.5%	50.4%	1.13
Sensation Seeking (R22-PI)	29.4%	43.8%	49.4%	1.13
Lack Belief in Moral Order (P11-PI)	4.5%	45.3%	50.0%	1.10
Perceived Availability of Drugs (R5-C)	16.0%	44.8%	49.3%	1.10
Favorable Attitudes Toward Drug Use (R19-PI)	5.6%	44.5%	48.9%	1.10
Lack Perceived Risks of Drug Use (P8-PI)	17.4%	44.8%	48.6%	1.09
Lack Opportunities for Prosocial Involvement (P1-C)	13.0%	45.0%	48.6%	1.08
Laws and Norms Favorable to Drug Use (R4-C)	20.1%	44.9%	47.9%	1.07
Fam History of Antisocial Behavior (R9-F)	20.4%	45.1%	46.8%	1.04
Antisocial Behavior (R17-PI)	7.5%	45.4%	46.0%	1.01

Table B-7

Allegany County High School Students - 2011 N=840	Factor Prevalence	Injured Self (Cut/Burn) No Risk	Injured Self (Cut/Burn) Risk	Injured Self (Cut/Burn) Ratio
Family Conflict (R8-F)	14.0%	15.1%	39.0%	2.58
Lack Rewards for Prosocial Involvement (P7-S)	9.4%	16.4%	38.0%	2.31
Community Disorganization (R2-C)	24.8%	14.7%	29.8%	2.03
Rebelliousness (R14-PI)	19.2%	15.5%	31.1%	2.01
Rewards for Antisocial Involvement (R23-PI)	16.1%	15.9%	31.9%	2.00
Sensation Seeking (R22-PI)	29.4%	14.3%	28.3%	1.98
Little Commitment to School (R13-S)	7.4%	17.2%	33.9%	1.97
Lack Social Skills (P10-PI)	6.3%	17.4%	34.0%	1.95
Favorable Attitudes Toward Drug Use (R19-PI)	5.6%	17.5%	34.0%	1.94
Favorable Attitudes Toward Antisocial Beh (R18-PI)	17.5%	15.9%	30.6%	1.93
Impulsiveness (R16-PI)	17.1%	15.9%	30.6%	1.92
Lack Opportunities for Prosocial Involvement (P4-F)	18.5%	15.9%	29.7%	1.87
Lack Rewards for Prosocial Involvement (P5-F)	19.4%	15.8%	29.4%	1.86
Friend Use Drugs (R21-PI)	17.7%	16.1%	29.5%	1.84
Lack Attachment to Family (P3-F)	17.7%	16.1%	29.5%	1.84
Parental Attitudes Favorable to Drug Use (R10-F)	15.5%	16.5%	29.2%	1.77
Antisocial Behavior (R17-PI)	7.5%	17.5%	30.2%	1.72
Low Neighborhood Attachment(R1-C)	20.8%	16.1%	27.4%	1.70
Lack of Supervision and Rules (R6-F)	22.0%	16.0%	27.0%	1.69
Parental Attitudes Favorable to Antisocial Beh (R11-F)	11.5%	17.2%	27.8%	1.62
Poor Discipline (R7-F)	16.8%	16.7%	27.0%	1.61
Perceived Availability of Drugs (R5-C)	16.0%	16.9%	26.9%	1.59
Interaction With Antisocial Peers (R20-PI)	9.9%	17.4%	27.7%	1.59
Lack Opportunities for Prosocial Involvement (P6-S)	7.7%	17.7%	27.7%	1.57
Lack Rewards for Prosocial Behavior (P2-C)	21.5%	16.5%	25.4%	1.54
Lack Perceived Risks of Drug Use (P8-PI)	17.4%	17.4%	23.3%	1.34
Laws and Norms Favorable to Drug Use (R4-C)	20.1%	17.3%	23.1%	1.33
Personal Transitions/Mobility (R3-C)	24.0%	17.2%	22.3%	1.29
Lack Opportunities for Prosocial Involvement (P1-C)	13.0%	18.1%	21.1%	1.17
Lack Belief in Moral Order (P11-PI)	4.5%	18.3%	21.1%	1.15
Fam History of Antisocial Behavior (R9-F)	20.4%	18.7%	17.5%	0.94

Table B-8

Allegany County

High School Students - 2011 **Quartile I**	**Prevalence of Factor**	**Weighted Score**
Rebelliousness (R14-PI)	19.2%	72.72
Friend Use Drugs (R21-PI)	17.7%	74.07
Favorable Attitudes Toward Antisocial Beh (R18-PI)	17.5%	84.98
Parental Attitudes Favorable to Drug Use (R10-F)	15.5%	85.35
Sensation Seeking (R22-PI)	29.4%	91.07
Little Commitment to School (R13-S)	7.4%	94.45
Favorable Attitudes Toward Drug Use (R19-PI)	5.6%	102.90
Antisocial Behavior (R17-PI)	7.5%	104.53
Parental Attitudes Favorable to Antisocial Beh (R11-F)	11.5%	117.71
Interaction With Antisocial Peers (R20-PI)	9.9%	118.03
Impulsiveness (R16-PI)	17.1%	118.55
Quartile II	****	****
Perceived Risks of Drug Use (P8-PI)	17.4%	128.86
Rewards for Antisocial Involvement (R23-PI)	16.1%	131.72
Rewards for Prosocial Involvement (P7-S)	9.4%	132.28
Opportunities for Prosocial Involvement (P4-F)	18.5%	136.92
Lack of Supervision and Rules (R6-F)	22.0%	138.84
Perceived Availability of Drugs (R5-C)	16.0%	143.64
Community Disorganization (R2-C)	24.8%	144.38
Social Skills (P10-PI)	6.3%	148.05
Poor Discipline (R7-F)	16.8%	149.76
Family Conflict (R8-F)	14.0%	153.94
Rewards for Prosocial Involvement (P5-F)	19.4%	162.81
Attachment (P3-F)	17.7%	170.36
Personal Transitions/Mobility (R3-C)	24.0%	176.32
Laws and Norms Favorable to Drug Use (R4-C)	20.1%	179.78
Quartile III	****	****
Opportunities for Prosocial Involvement (P6-S)	7.7%	186.45
Rewards for Prosocial Behavior (P2-C)	21.5%	197.82
Low Neighborhood Attachment(R1-C)	20.8%	208.30
Quartile IV	****	****
Opportunities for Prosocial Involvement (P1-C)	13.0%	260.13
Fam History of Antisocial Behavior (R9-F)	20.4%	266.66
Belief in Moral Order (P11-PI)	4.5%	296.05