

## **2006-2009 SERAC Youth Survey Regional Summary Report**

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### **ACKNOWLEDGEMENTS**

In this report we summarize the findings of youth surveys administered to more than 6000 youth in 13 Southeastern Connecticut communities between 2006 and 2009. The surveys were administered by Quantitative Services and Southeastern Regional Action Council in collaboration with local schools and organizations. Comprehensive reports detailing all findings for individual communities are available upon request. The survey instruments used were derived from the Connecticut Governor's Prevention Initiative for Youth (GPIY) survey [1], given by the Connecticut Department of Mental Health and Addiction Services (DMHAS) and UConn Health Center in 2000 in 16 towns and 3 regional districts across the state. The objective of these surveys is to ascertain prevalence, attitudes and behaviors related to use of substances (tobacco, alcohol, and illicit drugs), including the reasoning of youth who do or do not use substances. We gratefully acknowledge refinements to the original survey, made by the coalitions and health professionals in several communities in Southeastern Connecticut. The modifications reflect changes in questions related to illegal substances and gambling behaviors, and the addition of questions related to bullying, and health and wellness.

The authors sincerely appreciate the cooperation of the local representatives who made it possible to administer the survey. We especially thank the youth who shared their personal experiences and opinions, and parents who permitted their children to take the survey. Although surveys were administered in the schools, it is emphasized that the results are reflective of the entire region, - not primarily the schools.

This report draws liberally on earlier reports of GPIY survey results [1] for formatting and structure. Comparisons with national statistics utilize the Monitoring The Future (MTF) survey of 2008 [2].

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## METHODS

The survey instruments used to collect data for this report were developed using the Connecticut Governor's Prevention Initiative for Youth (GPIY)[1] Youth Survey for 6<sup>th</sup> – 12<sup>th</sup> Grade as the starting point. The survey has been modified by several regional prevention coalitions across Connecticut, in order to reflect changes in patterns of substance use and gambling behaviors that have occurred in the nine years since the GPIY survey was last given by the Connecticut Department of Mental Health and Addiction Services (DMHAS), and to add questions about bullying as well as questions about health and wellness from the Youth Risk Behavior Surveillance System (YRBSS) [5] national survey. Questions about reasons for first using, or not using, alcohol and marijuana have also been added. Whenever possible, questions in this survey were taken *verbatim* from the GPIY survey, which were in turn taken from national surveys – YRBSS [5], Monitoring The Future (MTF) [2], and the forty "Developmental Assets®" identified by Search Institute [6]. Thus, there is compatibility of data among all the surveys, as well as validity of responses through research-based questions.

The surveys were given under the supervision of local school officials and community volunteers. Prior to administration of the survey, parents were given opportunity to examine it and to excuse their child from participating, by contacting their principal. Youth were also able to decline on their own to take the survey by simply logging off the computer, and a few did so.

Between 2006 and 2009, the survey was administered online using the SurveyMonkeyto.com® web site and software to youth in grades 6-12. Specific grades which participated in each community are outlined below in Table A. In each community efforts were made to avoid selection bias. In some communities, subjects which all students are required to take were chosen for survey sampling. In other communities all students in school on a given day were asked to participate.

**Table A: Survey participation by year and grade**

Community	Year of Survey	Grades Surveyed
Bozrah	2009	6-8
East Lyme	2008	6-12
Groton	2008	7-12
Griswold	2008	7-11
Ledyard	2009	7-12
Lyme / Old Lyme	2006	7-11
New London	2006	6-10
North Stonington	2009	7-12
Norwich	2006	6-10
Sprague	2009	6-8
Stonington	2009	6-10
Voluntown	2008	6-8
Waterford	2009	7-9

Guidelines for administering the survey were developed by the University of Connecticut Health Center [1]. During survey administration, conversation among students was discouraged, and youth were reassured about the anonymity of the surveys and the need for their honest input. The number of minutes required by each respondent to complete the survey was determined by subtracting the start-time from the finish-time, both of which are recorded in the SurveyMonkey.com system. IP addresses of all responses, also part of SurveyMonkey.com records, were checked to confirm that all originated from the respective school district.

All statistical and tabulation computations were carried out using Statistica® version 8.0 data analysis software system (StatSoft, Tulsa, OK, [www.statsoft.com](http://www.statsoft.com)). Data checking and formatting operations were carried out in Microsoft Excel®, and the final report was produced in Microsoft Word®. All software is licensed to Quantitative Services and Southeastern Regional Action Council.

In asking respondents how they describe their racial background, multiple answers were permitted, to encourage mixed-race individuals to respond. Responses were standardized as follows. Any European national identity (e.g., Irish or French) was considered to be White. If two responses were given and one was White, the individual was classified as the checked minority. If two minorities were checked, the individual was randomly assigned to one or the other. If more than two responses were checked, or if Other was checked, the individual was classified as Other.

Not every community collected data for all questions or for all grades. The number of individuals for whom a response was missing is not provided for each question and grade. Instead, the assumption is made that the responses of those students who were sampled are representative of the larger regional population.

Prevalence values in all tables except Demographics are weighted by the sampling fraction (the total enrollment in a grade divided by the number of students in that grade who completed the survey); and by the total population of the town (average population of the 13 towns divided by each town population). The final weight for each respondent was the product of the sample weight and the town weight, normalized so that the sum of weights equals the total number of respondents.

## **RESULTS**

### **DEMOGRAPHICS**

In this report we summarize the findings of surveys administered to youth in 13 communities in Southeastern Connecticut between 2006 and 2009. The objective of the surveys was to ascertain prevalence and perceptions related to the use of substances (tobacco, alcohol, inhalants, and illicit drugs), gambling, and related behaviors. Responses were obtained from 6415 youth in grades 6-12 (Table 1). Responses from 382 students (5.6%) were excluded from the analysis because they were inconsistent or incomplete (Table 2). Inconsistency mean that the subject was either not in grades 6-12, or answered Yes to use of non-existent substance(s) deliberately included in the survey to detect spurious answers. Surveys deemed incomplete were those for which the student in effect (legitimately) declined to participate by not answering any questions other than those referring to demographic information.

The demography of the survey participants is generally representative of the region according to Census 2000 data (Table 4). However, White/Caucasian individuals appear to be slightly under-represented in the survey sample while minorities including Black/African American, Asian/Pacific islander and Native American populations are over-represented in the sample. About 12% of survey respondents identified themselves as Hispanic while according to Census 2000, just under 6% of regional residents describe themselves as Hispanic.

### **TOBACCO, ALCOHOL AND DRUG USE**

Alcohol is the drug of choice among youth in Southeastern Connecticut. While less than 10% of 6<sup>th</sup> and 7<sup>th</sup> graders report having consumed alcohol in the past 30 days, more than 30% of 10<sup>th</sup> -12<sup>th</sup> graders report recent alcohol use (Table 8). Nationally, individuals who report use of one substance are likely to report use of others as well. Compared to non-drinkers, recent drinkers in this sample are 6-15 times as likely to report cigarette, marijuana or illicit drug use (Table 11). The percentage of youth who report having used alcohol at least once in their lifetime ranges from 19% among 6<sup>th</sup> graders to about 70% among 11<sup>th</sup> and 12<sup>th</sup> graders (Table 15). Among those who have used alcohol at least once, 50-80% report having been drunk at least once.

Marijuana is the most commonly abused illegal drug among youth in the region. The percentage of youth who report having used marijuana at least once in their lifetime ranges from about 2% among 6<sup>th</sup> graders to nearly 40% among 11<sup>th</sup> and 12<sup>th</sup> graders (Table 16).

Data suggest that abuse of illicit drugs other than marijuana is not a large problem among Southeastern Connecticut youth. Lifetime inhalant use is reported by about 10% of youth (Table 18). It appears that youth are abusing legal drugs including sedatives, stimulants, prescription pain relievers and over the counter medications (Table 19).

### **INDIVIDUAL / PEER DOMAIN**

Alcoholic beverages, cigarettes, marijuana, guns and other drugs are considered more readily available by older youth than by younger youth (Table 23). Older youth who drink commonly obtain alcohol from their friends and at parties with no adults present (Table 24).

Youth who perceive that there is great harm associated with substance use are less likely to use substances. In Southeastern Connecticut, most youth agree that regular cigarette smoking is dangerous (Table 26). Between 60-70% of youth in the region believe that regular cigarette smoking is associated with "a lot of risk". Fewer youth consider regular alcohol consumption to be risky (30-40%) while perceived harm associated with regular marijuana use is more variable (30-70%), increasing sharply with increasing age.

When youth have a problem that is bothering them they most often choose to talk to a friend (Table 28). However, almost 20% of youth say they almost always "keep it to themselves".

In the past year, about 25% of youth say that they have picked a fight with someone who is not a family member or have played scratch tickets for money (Table 29). More than 40% of high school aged students have cheated on a test. Between 10% and 25% of youth have ridden as a passenger with a driver who had been using alcohol.

In general, youth in the region have positive self concepts (Table 33). More than 80% agree that they are "good at making friends", that they have a number of good qualities and that they like themselves. . However, about 10% of youth "often have trouble sleeping". Between 5% and 13% strongly agree with the statement "at times, I think I am no good at all". About 2% of youth strongly agree that they "wish they were dead."

**FAMILY DOMAIN**

Nearly all youth (around 90%) agree that their parents feel it is wrong or very wrong for them to smoke cigarettes or use marijuana (Table 35). However, the percentage of youth who agree that their parents feel they should not use alcohol ranges from 90% among 6<sup>th</sup> graders to about 60% among 12<sup>th</sup> graders. Between 60% and 80% of youth say that their parent(s) drink alcoholic beverages (Table 36). About 1 in 5 youth say that someone in their family has had problems with alcohol.

Most youth agree that their parents know where they are and who they are with when they are not home (Table 37). More than ¾ of youth say their family has clear rules discouraging alcohol use. Most also agree that they are usually punished if they break one of their parents' rules.

In general, youth in the region feel close to and enjoy spending time with their parents (Tables 38, 39). However, only about half say that their parents participate in activities at their school.

**SCHOOL DOMAIN**

About one half of youth spend less than one hour per day doing homework (Table 40). Youth on the region generally appear to be committed doing well in school and to getting more education after high school (Table 41). However about 2% of 6<sup>th</sup>-11<sup>th</sup> graders and 8% of 12<sup>th</sup> graders say they have "definitely" given up on school. Around 15% of youth do not feel safe at school.

**COMMUNITY DOMAIN**

Only about half of youth feel that there are lots of things for young people to do in their neighborhood (Table 42). About 10% of youth feel that their neighborhood is definitely not a safe place. Perceived prevalence of neighborhood drug use and sales increase with increasing age (Table 43).

**COMPARISONS**

Lifetime and recent substance use rates in the region tend to be similar to slightly below national averages. Among regional youth, perceived harm of regular marijuana use is markedly lower than national averages (Table 47).

**CORRELATIONS**

Compared to non-drinkers, recent drinkers are statistically less likely to confide in parents,, relatives or other adults when they have a problem (Table 49). Compared to non drinkers, recent drinkers reported more permissive attitudes toward all antisocial behaviors in the survey (Table 50). Recent drinkers reported spending more time involved in organized sports, hanging out with friends in private homes, working at a paying job, talking on the telephone and listening to music (Table 51). Recent drinkers reported stronger agreement with statements indicative of negative self concept such as feeling that no one cares about or understands them, feeling no good at all, and having trouble concentrating (Table 52). Recent drinkers were also more likely to have a parent, sibling or friends who drink alcohol or a family history of alcohol problems (Table 53). They also tended to report getting better grades than non-drinkers.

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**SECTION 1. DEMOGRAPHY**

**Table 1. Survey participants by grade**

Grade	Female Count	Male Count	Missing Count
6	238	222	9
7	718	800	10
8	752	727	10
9	637	635	6
10	437	439	10
11	275	277	5
12	85	108	0
Missing	4	2	9
Total	3146	3210	59

**Table 2. Surveys not included in the analysis**

Grade	Surveys Excluded or Declined	
	Count (n)	Percent (%)
6	32	6.8
7	50	3.2
8	67	4.5
9	64	5.0
10	61	6.9
11	56	10.1
12	44	22.8
Missing	8	53.3
Totals	382	5.6

**Table 3. Gender and grade of students analyzed**

Grade	Gender			
	Female Count	Male Count	Missing Count	Total Count
6	230	202	5	437
7	707	762	9	1478
8	728	686	8	1422
9	618	591	5	1214
10	420	398	7	825
11	257	240	4	501
12	70	79	0	149
Missing	2	2	3	7
Total	3032	2960	41	6033

**Table 4. Race, ethnicity of youth included in survey**

Race	Survey Sample In the Analysis		SECT*
	count	%	%
White / Caucasian	4349	72.8	85.2
Black / African American	496	8.3	6.2
Asian or Pacific Islander	365	6.1	2.3
Native American	166	2.8	1.0
Other	596	10.0	2.3
Ethnicity			
Hispanic	732	12.3	5.8

\*Reference [7]: Compilation of data from 13 communities represented in the survey sample

**Table 5. Language spoken in home**

What language is usually spoken in your home?	Grade						
	6	7	8	9	10	11	12
	%	%	%	%	%	%	%
English	75.2	84.9	86.0	88.6	86.4	93.9	88.6
Spanish	10.0	3.7	3.4	2.9	4.7	0.5	1.3
Both English and Spanish	7.4	4.5	5.6	4.3	4.4	2.0	3.4
Other	7.4	6.9	5.1	4.3	4.5	3.5	6.7

**Table 6. Asthma status**

Do you have asthma?	Grade						
	6	7	8	9	10	11	12
	%	%	%	%	%	%	%
No	80.7	77.6	77.1	79.2	80.2	86.6	85.8
Yes, diagnosed by a doctor	12.1	17.0	16.4	14.9	15.1	11.1	11.8
I think so, but not diagnosed	7.2	5.4	6.5	5.9	4.6	2.2	2.4

**Table 7. Free and reduced lunch (FRL) status**

Are you eligible for free or reduced lunch at school?	Grade						
	6	7	8	9	10	11	12
	%	%	%	%	%	%	%
No, full price	84.1	79.7	84.8	83.5	84.1	94.8	84.2
Yes, reduced price	7.5	8.1	6.4	5.9	6.8	2.1	3.3
Yes, lunch is free	8.4	12.2	8.8	10.6	9.1	3.2	12.5

**SECTION 2. TOBACCO, ALCOHOL, AND DRUG USE**

**Table 8. Recent (past 30 days) use of substances by gender, grade**

Substance	Gender	Grade						
		6	7	8	9	10	11	12
		%	%	%	%	%	%	%
Alcohol	Female	5.9	7.4	14.4	23.8	31.9	36.9	44.8
	Male	6.6	8.1	12.4	23.7	31.3	41.3	34.1
	Both	6.1	7.7	13.5	23.7	31.5	39.1	38.5
Cigarettes	Female	1.8	3.4	5.0	12.4	12.3	14.1	20.8
	Male	1.3	3.0	4.9	8.3	13.9	16.1	17.6
	Both	1.6	3.2	5.0	10.4	13.1	15.1	18.9
Marijuana	Female	0.6	0.7	5.0	8.8	13.0	18.8	10.0
	Male	0.7	1.9	6.3	12.5	19.0	20.8	16.7
	Both	0.7	1.3	5.6	10.6	16.0	19.8	14.0
Other Illicit Drugs	Female	0.6	0.3	1.0	1.3	1.3	1.4	3.0
	Male	0.7	1.6	0.5	2.2	5.2	2.0	2.1
	Both	0.6	1.0	0.8	1.7	3.2	1.8	2.5

**Table 9. Recent (past 30 days) use by race, ethnicity**

Substance	Race					Ethnicity	
	White/ Caucasian	Black/ African American	Asian/ Pacific Islander	Native American	Other	Non- Hispanic	Hispanic
	%	%		%	%	%	%
Alcohol	23.1	17.1	14.4	19.0	19.3	21.3	21.1
Cigarettes	9.4	5.3	7.8	12.0	9.0	8.6	10.6
Marijuana	10.4	6.0	4.8	11.8	6.5	9.3	7.9
Other Illicit Drugs	1.6	4.39	0.0	0.4	1.7	1.56	1.85

**Table 10. Lifetime use of substances by gender, grade**

Substance	Gender	Grade						
		6	7	8	9	10	11	12
		%	%	%	%	%	%	%
Alcohol	Female	16.5	27.8	40.0	54.9	62.3	68.4	70.9
	Male	21.9	32.4	36.6	58.6	60.4	75.7	69.0
	Both	19.3	30.0	38.4	56.6	61.0	72.1	69.8
Cigarettes	Female	5.7	6.6	18.8	26.2	28.1	31.6	38.8
	Male	5.1	9.5	14.8	22.9	26.2	40.2	39.3
	Both	5.7	8.0	17.0	24.5	27.3	35.9	39.1
Marijuana	Female	0.7	2.2	10.7	21.2	29.7	31.6	35.9
	Male	2.2	4.3	10.6	23.7	33.6	47.0	37.2
	Both	1.6	3.2	10.7	22.4	31.5	39.1	36.7
Inhalants	Female	9.4	11.3	10.0	9.8	8.3	9.6	9.6
	Male	7.6	10.5	6.2	8.3	8.1	14.8	4.2
	Both	8.4	10.8	8.2	9.0	8.2	12.1	6.4
Other Illicit Drugs	Female	1.7	3.4	3.9	7.9	10.1	14.8	16.9
	Male	4.0	3.5	3.4	9.2	13.3	25.4	25.9
	Both	3.0	3.4	3.6	8.5	11.7	20.0	22.3

**Table 11. Association of recent alcohol use**

Other Substance Reportedly Used Recently (30 Days)	Recent Alcohol		Drinker to Non-Drinker Ratio
	No	Yes	
	%	%	
Cigarettes	3.0	30.3	10.1
Marijuana	2.3	34.1	14.8
Illicit Drugs	0.8	4.7	5.9

**Table 12. Association of recent marijuana use**

Other Substance Reportedly Used Recently (30 Days)	Recent Marijuana		User to Non-User Ratio
	No	Yes	
	%	%	
Alcohol	15.4	80.1	5.2
Cigarettes	4.5	52.3	11.6
Illicit Drugs	0.9	8.6	9.6

**Table 13. Association of lifetime alcohol use**

Other Substance Reportedly Used In Lifetime	Lifetime Alcohol		Drinker to Non-Drinker Ratio
	No	Yes	
	%	%	
Cigarettes	3.6	38.9	10.8
Marijuana	1.92	37.5	19.5
Inhalants	3.8	15.2	4.0
Illicit Drugs	1.7	16.5	9.7

**Table 14. Association of lifetime marijuana use**

Other Substance Reportedly Used In Lifetime	Lifetime Marijuana		User to Non-User Ratio
	No	Yes	
	%	%	
Alcohol	43.2	97.1	2.2
Cigarettes	15.6	74.7	4.8
Inhalants	7.3	27.8	3.8
Illicit Drugs	4.5	51.1	11.4

**Table 15. Alcohol Use**

Question / Answer	Grade						
	6 %	7 %	8 %	9 %	10 %	11 %	12 %
Have you ever had alcohol to drink, more than just a sip?							
YES	19.3	30.0	38.4	56.6	61.0	72.1	69.8
How many occasions have you had alcohol to drink in your lifetime?							
1-2 Times	49.1	41.4	32.5	26.1	24.2	19.6	22.6
3-5 Times	14.5	29.4	28.6	24.1	18.7	12.0	9.2
6-10 Times	13.6	14.3	15.0	16.6	13.8	15.9	17.2
More Than 10 Times	22.8	14.9	23.9	33.2	43.3	52.5	51.1
In the past 30 days, how many days did you drink alcohol?							
None	69.7	73.9	64.3	56.0	46.2	42.7	38.2
1-2 Days	14.4	18.4	23.5	24.5	26.0	26.8	16.2
3-5 Days	10.7	5.5	6.2	13.0	16.9	15.4	23.6
6-10 Days	3.7	1.7	2.9	3.9	6.6	10.5	16.0
More Than 10 Days	1.5	0.6	3.2	2.6	4.2	4.6	6.0
In the past 30 days, how many drinks did you usually have?							
1 drink or less	83.7	70.4	52.0	32.1	22.2	21.5	8.1
2-3 drinks	10.2	24.2	27.0	31.8	26.8	26.5	17.9
More than 3 drinks	6.1	5.5	21.0	36.1	51.0	52.1	74.0
On how many lifetime occasions have you been drunk or very high from alcohol?							
Never	49.1	41.4	32.5	26.1	24.2	19.6	22.6
1-2 Occasions	14.5	29.4	28.6	24.1	18.7	12.0	9.2
3-9 Occasions	13.6	14.3	15.0	16.6	13.8	15.9	17.2
10 or More Occasions	22.8	14.9	23.9	33.2	43.3	52.5	51.1

**Table 16. Marijuana use**

Question / Answer	Grade						
	6 %	7 %	8 %	9 %	10 %	11 %	12 %
Have you ever used marijuana in your lifetime?							
YES	1.7	3.2	10.7	22.4	31.5	39.1	36.7
On how many occasions have you used marijuana in your life?							
1-2 Times	72.9	46.2	35.8	23.2	15.1	15.0	17.7
3-5 Times	0.0	18.7	16.9	11.7	16.3	12.3	6.1
6-10 Times	0.0	4.1	8.3	12.0	8.5	9.7	9.5
More Than 10 Times	27.1	31.0	39.0	53.1	60.1	63.1	66.7
In the past 30 days, how many days did you use marijuana?							
None	45.7	60.6	45.9	50.5	46.9	48.3	52.3
1-2 Days	27.1	10.4	19.7	16.0	13.7	16.7	3.9
3-5 Days	0.0	19.6	15.1	10.3	10.9	7.9	11.6
6-10 Days	27.1	1.5	8.1	6.7	10.2	5.4	0.0
More Than 10 Days	0.0	7.8	11.3	16.6	18.3	21.6	32.3

**Table 17. Cigarette Use**

Question / Answer	Grade						
	6 %	7 %	8 %	9 %	10 %	11 %	12 %
Have you ever smoked cigarettes, even 1 or 2 puffs?							
YES	5.7	8.0	17.0	24.5	27.3	35.9	39.1
On how many occasions have you smoked cigarettes in your lifetime?							
1-2 Times	42.1	43.3	48.5	39.0	30.8	23.9	23.5
3-5 Times	11.9	28.8	18.4	17.7	13.4	20.9	19.0
6-10 Times	14.1	5.8	8.4	11.0	7.5	12.7	7.3
More Than 10 Times	32.0	22.0	24.7	32.3	48.3	42.5	50.2
How many days did you smoke cigarettes in the past 30 days?							
None	69.4	59.9	70.4	57.4	51.4	57.9	50.0
1-2 Days	12.2	18.2	10.1	13.2	17.2	9.8	11.4
3-5 Days	5.3	7.3	6.8	11.1	3.9	6.0	6.5
6-10 Days	0.3	3.0	4.0	6.6	5.8	6.9	2.0
More Than 10 Days	12.7	11.5	8.6	11.8	21.7	19.4	30.1
In the past 30 days, on days you smoked, how many cigarettes per day?							
None	36.7	21.0	27.8	25.1	24.6	23.4	18.7
Less than 1	63.3	51.0	40.0	46.8	36.7	41.7	44.6
1-5	0.0	7.9	18.8	18.2	24.8	25.0	17.0
Up to ½ pack	0.0	18.8	12.6	9.0	7.8	7.1	19.7
More than ½ pack	0.0	1.3	0.8	0.9	6.0	2.9	0.0

**Table 18. Lifetime Use of Illicit Drugs**

Substance	Grade						
	6 %	7 %	8 %	9 %	10 %	11 %	12 %
Marijuana	1.7	3.2	10.7	22.4	31.5	39.1	36.7
Inhalants	8.4	10.8	8.2	9.0	8.2	12.1	6.4
Cocaine	0.6	1.1	1.0	2.3	3.9	5.7	6.2
Crack Cocaine	0.3	0.6	0.7	1.0	1.3	1.0	2.7
Hallucinogens	1.5	0.8	1.3	4.3	7.0	7.0	8.3
Heroin	0.3	0.6	0.7	0.5	1.9	0.4	0.0
Angel Dust (PCP)	0.3	0.6	0.4	1.1	1.9	1.5	0.0
MDMA (Ecstasy)	0.0	0.8	0.7	1.5	2.2	2.1	5.2
Ketamine (Special K)	0.7	0.8	0.4	0.4	0.5	1.8	2.7
GHB	0.6	0.7	0.3	0.6	0.3	0.5	0.5
Any illicit other than marijuana	3.0	3.4	3.6	8.5	11.7	20.0	22.3

**Table 19. Lifetime Abuse of Legal Drugs**

Have you ever used these drugs on your own, without your own prescription?	Grade						
	6 %	7 %	8 %	9 %	10 %	11 %	12 %
Steroids (juice, roids)	1.0	1.6	1.6	1.4	1.2	1.0	2.3
Downers (barbiturates, sedatives, Quaaludes)	3.9	5.6	5.6	9.4	9.5	12.0	13.0
Tranquilizers (e.g., Xanax, Klonopin)	1.6	1.0	0.7	0.9	1.7	2.5	3.2
Uppers (e.g., amphetamines, Ritalin, Adderall, diet pills)	0.7	1.8	1.4	2.9	3.7	5.6	11.2
Prescription medications s (e.g., Oxycontin, Vicodin, Codeine)	3.0	7.3	6.3	12.5	14.3	16.1	19.7
Over-the-counter meds (e.g., cough med, mouthwash)	7.4	6.5	6.5	7.9	7.6	8.0	12.1

**Table 20. Recent Use of Illicit Drugs**

Substance	Grade						
	6 %	7 %	8 %	9 %	10 %	11 %	12 %
Marijuana	0.7	1.3	5.6	10.6	16.0	19.8	14.0
Cocaine	0.0	0.0	0.1	0.5	0.9	0.7	2.5
Crack Cocaine	0.0	0.0	0.1	0.6	0.3	0.1	0.0
Hallucinogens	0.0	0.2	0.2	0.8	1.5	0.7	2.5
Heroin	0.0	0.1	0.2	0.3	0.4	0.2	0.0
Angel Dust (PCP)	0.0	0.3	0.1	0.2	0.2	0.0	0.0
MDMA (Ecstasy)	0.0	0.1	0.1	0.2	0.4	0.1	2.5
Ketamine (Special K)	0.4	0.3	0.2	0.1	0.1	0.0	0.0
GHB	0.0	0.3	0.0	0.4	0.0	0.0	0.0

**Table 21. Recent Abuse of Legal Drugs**

In the past 30 days, have you used these drugs on your own, without a prescription?	Grade						
	6 %	7 %	8 %	9 %	10 %	11 %	12 %
Steroids (juice, roids)	0.9	0.7	0.5	0.2	0.7	0.2	0.0
Downers (barbiturates, sedatives, Quaaludes)	1.3	0.9	1.3	2.3	2.2	1.8	1.0
Tranquilizers (e.g., Xanax, Klonopin)	0.5	0.2	0.3	0.3	0.3	0.7	0.0
Uppers (e.g., amphetamines, Ritalin, Adderall, diet pills)	0.5	0.6	0.8	1.3	0.8	2.1	2.5
Prescription medications s (e.g., Oxycontin, Vicodin ,Codeine)	1.5	2.0	2.0	4.6	3.6	2.0	5.0
Over-the-counter meds (e.g., cough med, mouthwash)	3.2	3.0	2.3	2.4	2.6	1.4	0.5

**Table 22. Mean age of initiation for specific behaviors, lifetime users**

Substance	Age	Statistic	Grade						
			6	7	8	9	10	11	12
(None)	At time of survey	Average Age	11.7	12.6	13.7	14.7	15.7	16.6	17.5
		N	490	1321	1062	1026	856	455	539
Alcohol	At time of first use	Average Age	11.1	11.6	12.4	13.5	14.2	15.2	15.3
		N	85	350	401	560	476	317	327
Cigarettes	At time of first use	Average Age	11.2	11.6	12.1	13.0	13.4	14.3	14.2
		N	24	111	184	251	222	161	198
Marijuana	At time of first use	Average Age	*	12.1	13.0	13.5	13.9	14.4	14.8
		N	6	34	115	231	250	180	160

\* Too few to calculate valid statistic.

### SECTION 3. INDIVIDUAL / PEER DOMAIN

**Table 23. Availability of alcohol, tobacco, drugs and guns**

Questions and responses	Grade						
	6 %	7 %	8 %	9 %	10 %	11 %	12 %
If you wanted to, how easy would it be for you to get:							
Alcoholic beverages							
Very easy	12.3	27.6	34.1	45.3	53.1	63.5	55.3
Sort of easy	12.5	22.6	29.1	32.7	31.3	25.5	25.5
Sort of hard	18.3	17.7	16.0	13.3	7.5	7.5	13.8
Very hard	56.9	32.1	20.8	8.8	8.0	3.5	5.4
Cigarettes							
Very easy	13.9	19.2	28.0	43.6	50.9	60.4	68.6
Sort of easy	7.8	15.7	22.9	23.8	24.1	21.9	17.8
Sort of hard	11.0	18.3	18.0	14.1	12.6	12.6	7.5
Very hard	67.3	46.9	31.2	18.5	12.5	5.1	6.2
Marijuana							
Very easy	4.6	8.3	20.2	35.8	46.6	52.1	49.8
Sort of easy	3.0	8.4	13.3	21.7	23.7	20.8	17.4
Sort of hard	7.7	12.6	16.8	14.8	11.7	15.2	15.8
Very hard	84.6	70.7	49.7	27.8	18.1	11.9	17.0
A drug like cocaine, heroin, LSD or amphetamines							
Very easy	3.5	5.2	8.0	13.1	17.0	14.8	17.2
Sort of easy	3.4	4.6	8.7	13.8	16.4	23.6	19.1
Sort of hard	4.2	11.4	17.6	23.9	24.5	27.8	22.5
Very hard	88.9	78.8	65.8	49.1	42.1	33.8	41.2
A gun							
Very easy	7.3	10.1	11.0	12.8	16.9	11.3	19.7
Sort of easy	4.3	8.0	9.7	12.7	12.1	13.9	10.0
Sort of hard	11.8	15.0	18.5	22.9	26.1	33.2	24.7
Very hard	76.7	66.9	60.8	51.6	44.9	41.6	45.6

**Table 24. Sources for obtaining alcoholic beverages**

Questions and responses	Grade						
	6 %	7 %	8 %	9 %	10 %	11 %	12 %
Lifetime Alcohol Users (n) (%)	99 19.3	337 30.3	430 38.4	620 56.6	581 61.0	437 72.1	332 69.8
How often do you get alcoholic beverages from:							
Home, with your parents' permission							
Never	50.2	52.1	58.5	60.2	60.0	60.2	60.1
Sometimes	39.4	43.0	37.8	35.6	37.7	36.2	34.8
Often	10.4	4.9	3.8	4.2	2.3	3.6	5.1
Home, without your parents' permission							
Never	83.2	77.3	61.8	56.6	46.1	49.7	51.6
Sometimes	15.0	19.1	32.3	36.4	44.5	43.4	39.7
Often	1.8	3.6	5.9	7.0	9.5	6.9	8.7
Your friends							
Never	82.0	74.3	53.8	37.5	25.4	23.3	25.2
Sometimes	13.4	22.6	37.3	43.2	45.6	45.2	44.6
Often	4.6	3.1	8.9	19.3	29.1	31.6	30.2
Your brother(s) or sister(s)							
Never	87.0	85.8	74.3	71.3	67.2	62.3	63.6
Sometimes	7.7	13.0	21.1	22.9	25.6	28.4	29.3
Often	5.2	1.2	4.6	5.8	7.2	9.3	7.1
From other people who buy it for you							
Never	88.3	93.1	80.5	69.1	51.8	49.0	41.3
Sometimes	7.1	5.1	16.4	21.3	30.9	32.1	34.9
Often	4.6	1.8	3.1	9.7	17.4	18.9	23.8
At a party with adults present who are aware of underage drinking							
Never	71.9	75.7	73.3	66.6	60.5	52.5	44.4
Sometimes	22.8	22.1	23.4	24.5	28.4	31.5	42.7
Often	5.3	2.2	3.4	8.9	11.1	16.0	12.9
At a party with adults present but unaware of underage drinking							
Never	90.9	84.2	75.6	68.9	62.3	57.6	50.2
Sometimes	4.6	15.6	20.9	21.9	29.7	33.1	39.7
Often	4.5	0.2	3.5	9.2	8.0	9.3	10.2
At a party with no adults present							
Never	82.1	80.7	66.6	50.1	38.2	40.9	28.3
Sometimes	12.8	16.5	24.9	30.9	34.4	32.3	45.2
Often	5.1	2.9	8.5	19.0	27.4	26.9	26.5
At a store (you buy it)							
Never	95.0	97.8	96.0	93.8	92.1	90.1	81.9
Sometimes	3.8	2.0	2.8	4.4	5.8	7.5	10.8
Often	1.2	0.2	1.2	1.8	2.1	2.3	7.3

**Table 25. Place and prevalence of alcohol use**

Questions and responses	Grade						
	6 %	7 %	8 %	9 %	10 %	11 %	12 %
Recent drinkers (n)	33	87	153	365	305	238	194
%	6.1	7.7	13.5	23.7	31.5	39.1	38.5
In the past month, how many times did you drink alcoholic beverages:							
At home							
None	41.2	38.9	41.8	39.5	42.4	50.3	47.5
1-2 times	17.4	44.3	41.8	42.8	37.0	33.8	31.5
3-5 times	0.0	10.7	9.4	11.1	9.1	12.0	15.9
6-10 times	20.8	5.3	1.9	4.9	3.5	2.0	2.6
More than 10 times	20.6	0.8	5.2	1.7	8.0	2.0	2.6
On the street, in the woods, or in parks or fields							
None	58.6	64.4	58.1	61.7	45.0	64.4	51.6
1-2 times	18.8	23.6	25.6	23.3	26.0	25.8	20.5
3-5 times	11.3	9.1	7.2	8.4	11.1	6.6	15.4
6-10 times	0.0	0.0	1.6	3.4	8.1	1.0	4.7
More than 10 times	11.2	2.8	7.5	3.2	9.9	2.1	7.8
With older friends							
None	66.3	62.8	44.6	33.9	24.9	25.6	32.6
1-2 times	11.2	23.8	30.2	38.8	36.2	42.9	21.9
3-5 times	0.0	9.2	10.6	16.2	18.1	23.3	28.0
6-10 times	11.3	1.9	7.8	6.0	9.7	6.3	5.8
More than 10 times	11.2	2.3	6.8	5.2	11.2	1.9	11.7
At the homes of other people							
None	26.8	59.7	41.7	37.4	29.0	28.7	19.5
1-2 times	41.2	35.8	34.6	38.7	33.7	36.3	31.4
3-5 times	9.4	2.1	10.1	12.7	17.5	23.4	27.0
6-10 times	11.3	0.0	5.9	6.8	9.8	8.4	11.2
More than 10 times	11.2	2.3	7.6	4.3	10.0	3.3	10.9
School activities(dances, football games)							
None	68.1	92.4	92.8	87.8	84.4	90.3	73.8
1-2 times	20.8	6.5	3.7	5.6	9.2	7.2	6.3
3-5 times	0.0	1.2	0.0	5.2	3.5	2.5	9.9
6-10 times	0.0	0.0	0.3	0.0	0.1	0.0	5.2
More than 10 times	11.2	0.0	3.1	1.4	2.8	0.0	4.7
At work							
None	88.8	95.8	95.4	93.8	92.8	94.3	78.1
1-2 times	0.0	2.5	1.9	2.3	2.8	2.9	5.3
3-5 times	0.0	0.0	0.2	2.5	2.6	1.3	3.7
6-10 times	0.0	1.4	0.0	0.4	0.9	1.3	7.5
More than 10 times	11.2	0.2	2.5	1.0	0.9	0.2	5.3
When skipping school							
None	68.1	84.4	89.5	89.2	85.4	93.3	72.8
1-2 times	11.3	10.7	4.1	7.5	5.2	3.3	17.0
3-5 times	9.4	3.2	2.3	2.2	3.5	2.4	4.8
6-10 times	0.0	0.0	1.7	0.0	1.9	1.0	2.7
More than 10 times	11.2	1.7	2.4	1.1	3.9	0.0	2.7

**Table 25. Place and prevalence of alcohol use continued**

Questions and responses	6 %	7 %	8 %	9 %	10 %	11 %	12 %
While driving a car, truck or motorcycle							
None	88.8	93.7	93.7	89.6	90.1	88.8	83.7
1-2 times	0.0	2.3	2.4	7.5	5.7	4.7	11.1
3-5 times	0.0	3.8	0.2	0.8	1.7	4.8	2.6
6-10 times	0.0	0.0	0.0	0.5	0.6	0.5	0.0
More than 10 times	11.2	0.2	3.7	1.5	1.8	1.3	2.6
At a party with an adult present who are aware of underage drinking							
None	50.4	73.5	71.8	65.6	63.1	56.6	45.1
1-2 times	0.0	18.7	19.1	24.7	19.5	26.6	29.6
3-5 times	25.0	5.8	4.0	3.6	10.5	10.5	19.2
6-10 times	0.0	1.7	0.4	3.0	2.3	4.6	1.0
More than 10 times	24.6	0.3	4.7	3.2	4.5	1.7	5.2
At a party with adults present who are NOT aware of underage drinking							
None	50.4	76.8	73.3	66.4	64.3	68.7	60.8
1-2 times	0.0	21.6	17.9	23.1	21.3	17.4	16.9
3-5 times	0.0	1.3	4.1	6.5	7.1	8.5	7.2
6-10 times	25.0	0.0	1.5	0.8	4.3	4.3	7.8
More than 10 times	24.6	0.3	3.2	3.1	2.9	1.1	7.3
At a party without an adult present							
None	47.4	66.5	62.2	49.6	36.1	39.1	24.3
1-2 times	11.2	23.1	21.1	26.2	28.1	30.2	26.7
3-5 times	9.4	7.8	7.3	15.0	15.6	18.9	28.4
6-10 times	0.0	2.3	3.0	2.5	8.6	7.2	9.8
More than 10 times	31.9	0.2	6.5	6.8	11.7	4.6	10.9

**Table 26. Perceived harm of substance use**

Questions and responses	Grade						
	6 %	7 %	8 %	9 %	10 %	11 %	12 %
How much do you think people risk harming themselves if they:							
Smoke cigarettes regularly							
No risk	7.6	3.0	2.4	1.8	3.7	1.6	2.9
Very little risk	9.5	7.2	4.9	5.4	9.2	6.0	4.8
Some risk	19.9	21.5	23.5	24.4	25.5	28.3	23.4
A lot of risk	63.0	68.4	69.2	68.5	61.6	64.2	68.8
Use alcohol regularly							
No risk	9.6	6.7	5.1	5.2	6.8	4.3	6.3
Very little risk	18.3	23.0	22.5	25.6	27.9	28.7	25.1
Some risk	31.3	36.0	39.5	39.1	37.6	36.7	39.0
A lot of risk	40.8	34.3	32.9	30.0	27.8	30.3	29.6
Use marijuana regularly							
No risk	9.0	3.0	3.4	7.2	10.7	11.7	9.0
Very little risk	6.3	7.0	9.3	15.4	24.4	27.3	27.7
Some risk	13.7	18.3	25.0	27.5	27.8	32.5	32.7
A lot of risk	70.9	71.8	62.3	49.9	37.1	28.4	30.7

**Table 27. Peer use of substances**

Questions and responses	Grade						
	6 %	7 %	8 %	9 %	10 %	11 %	12 %
How many of your close friends: Smoke cigarettes?							
None	86.4	76.1	57.1	46.8	46.7	39.1	33.5
Some	12.5	21.6	37.7	47.2	43.4	50.1	53.6
Most	1.1	2.3	5.1	6.0	10.0	10.9	12.9
Drink alcoholic beverages?							
None	82.9	71.0	50.1	29.2	21.7	14.7	24.0
Some	15.3	25.5	40.3	49.2	46.8	44.5	41.0
Most	1.8	3.4	9.6	21.6	31.5	40.8	35.0
Use marijuana?							
None	92.2	85.6	65.5	46.1	38.7	32.7	32.5
Some	6.8	12.4	26.6	37.8	40.0	41.0	47.4
Most	1.0	1.9	7.9	16.1	21.3	26.4	20.1
Use inhalants?							
None	91.0	87.1	85.5	84.2	82.8	80.7	86.0
Some	8.3	11.2	12.9	14.6	15.6	16.7	14.0
Most	0.7	1.7	1.6	1.3	1.6	2.6	0.0
Have tried a drug like cocaine, LSD, or heroin?							
None	93.2	92.3	83.4	76.2	73.0	67.4	71.0
Some	6.5	6.8	15.7	22.1	23.1	29.1	29.0
Most	0.3	0.9	1.0	1.6	3.9	3.5	0.0
Have used prescription medications without a doctor telling them to?							
None	92.2	88.6	82.8	72.0	67.6	61.2	62.8
Some	6.7	9.6	15.2	24.7	27.6	35.1	33.3
Most	1.2	1.9	2.0	3.4	4.7	3.7	3.9
Have played games for money, like							
None	84.7	73.9	67.1	57.7	53.4	44.8	55.3
Some	11.4	20.7	25.5	34.2	31.1	40.4	34.1
Most	3.9	5.5	7.4	8.0	15.5	14.9	10.5
Are considered bullies?							
None	77.6	63.1	60.2	64.5	67.2	67.9	77.2
Some	18.9	31.2	32.6	31.8	27.7	26.9	22.8
Most	3.5	5.7	7.2	3.7	5.1	5.1	0.0

**Table 28. Social supports**

Questions and responses	6 %	7 %	8 %	9 %	10 %	11 %	12 %
When you have a problem that bothers you, how often do you talk about it with:							
Parents or guardians							
Almost never	19.0	24.4	28.8	29.0	33.9	24.7	27.1
Sometimes	36.6	33.5	37.0	39.0	37.7	37.8	40.5
Often	18.0	23.2	19.4	19.4	15.3	24.9	21.7
Almost always	26.4	18.9	14.7	12.6	13.1	12.6	10.6
A relative other than a parent							
Almost never	31.6	40.2	44.3	48.3	51.4	52.3	45.0
Sometimes	30.1	32.6	31.6	32.8	31.7	30.9	31.9
Often	20.1	16.6	14.1	11.6	10.3	12.1	9.8
Almost always	18.2	10.6	10.0	7.2	6.6	4.7	13.3
A teacher							
Almost never	45.8	62.1	65.1	71.4	77.0	68.6	54.8
Sometimes	32.6	26.5	24.7	22.0	17.8	25.0	31.7
Often	10.6	7.1	6.2	4.8	2.8	4.5	10.5
Almost always	11.0	4.3	3.9	1.8	2.5	1.9	3.1
An adult, not family or teacher							
Almost never	65.4	63.8	61.9	60.2	65.1	57.0	54.4
Sometimes	19.0	22.6	24.7	27.1	23.9	28.7	26.4
Often	6.8	8.5	7.6	8.9	7.8	9.6	12.2
Almost always	8.8	5.2	5.8	3.8	3.2	4.7	7.0
A brother or sister							
Almost never	42.9	43.6	40.2	40.4	43.3	34.6	34.0
Sometimes	30.2	24.4	27.9	31.3	28.7	31.1	32.6
Often	11.7	19.6	17.2	15.5	17.7	21.5	20.4
Almost always	15.2	12.5	14.7	12.8	10.4	12.7	13.0
A friend							
Almost never	23.5	14.8	12.1	10.5	12.3	10.8	12.2
Sometimes	30.0	25.8	21.9	23.8	21.8	24.7	20.9
Often	22.6	25.8	31.3	25.9	28.9	26.6	36.8
Almost always	23.9	33.7	34.8	39.8	37.0	37.9	30.1
Nobody. I keep it to myself.							
Almost never	25.4	24.6	21.1	20.0	18.5	15.1	16.0
Sometimes	35.4	38.1	39.1	35.1	36.7	35.7	41.3
Often	21.9	18.7	20.9	25.1	23.8	31.9	22.9
Almost always	17.3	18.6	18.8	19.7	20.9	17.3	19.8

**Table 29. Antisocial behavior**

Questions and responses	Grade						
	6 %	7 %	8 %	9 %	10 %	11 %	12 %
In the past year, I have:							
Stolen something worth less than \$100	11.1	12.9	16.2	24.8	24.5	19.7	21.0
Gotten suspended or expelled from school	6.2	12.2	12.2	9.2	8.2	5.2	7.3
Gotten into trouble with the police	8.1	11.7	13.1	13.1	12.1	13.0	15.0
Picked a fight (not with a family member)	21.4	26.0	27.1	22.0	22.3	22.6	23.6
Attacked someone to seriously hurt them	10.7	14.8	16.3	15.8	15.9	10.8	13.8
Bully someone with the idea of hurting their feelings	12.7	20.6	22.0	20.9	17.0	15.1	12.2
Cheated on a test	16.1	28.6	32.5	42.9	49.2	53.3	40.4
Sold illegal drugs	1.4	1.1	3.2	6.1	8.7	7.2	11.0
Bought illegal drugs	0.7	1.3	5.0	11.8	16.4	20.8	18.5
Purposely damaged another's property	8.3	14.8	17.9	20.1	22.2	18.7	20.2
Carried a weapon	4.7	14.2	17.0	17.2	16.5	13.5	19.5
Brought a weapon to school	1.1	3.0	3.5	4.7	4.7	2.6	5.6
Gotten arrested	2.7	2.3	5.2	4.6	6.2	3.1	4.7
Played games for money, like poker	9.3	15.7	16.9	16.6	21.5	25.2	28.1
Placed bets on-line	3.4	4.4	3.8	2.9	4.1	2.3	4.9
Played scratch tickets for money	15.8	23.8	23.3	25.1	24.0	33.9	31.2
Ridden as passenger with driver using alcohol	9.9	14.0	20.8	21.3	22.0	25.4	18.3

**Table 30. Attitudes toward antisocial behavior**

Questions and responses	Grade						
	6 %	7 %	8 %	9 %	10 %	11 %	12 %
How wrong do you think it is for someone your age to:							
Drink alcoholic beverages	9.6	6.7	5.1	5.2	6.8	4.3	6.3
Not at all wrong	18.3	23.0	22.5	25.6	27.9	28.7	25.1
Somewhat wrong	31.3	36.0	39.5	39.1	37.6	36.7	39.0
Very wrong	40.8	34.3	32.9	30.0	27.8	30.3	29.6
Smoke cigarettes	7.6	3.0	2.4	1.8	3.7	1.6	2.9
Not at all wrong	9.5	7.2	4.9	5.4	9.2	6.0	4.8
Somewhat wrong	19.9	21.5	23.5	24.4	25.5	28.3	23.4
Very wrong	63.0	68.4	69.2	68.5	61.6	64.2	68.8
Use marijuana	9.0	3.0	3.4	7.2	10.7	11.7	9.0
Not at all wrong	6.3	7.0	9.3	15.4	24.4	27.3	27.7
Somewhat wrong	13.7	18.3	25.0	27.5	27.8	32.5	32.7
Very wrong	70.9	71.8	62.3	49.9	37.1	28.4	30.7
Purposely damage property that does not belong to them							
Not at all wrong	10.3	4.5	6.6	7.7	10.1	3.7	13.9
Somewhat wrong	12.2	21.0	26.1	29.9	28.0	24.2	25.5
Very wrong	77.5	74.5	67.2	62.4	61.9	72.1	60.6

**Table 30. Attitudes toward antisocial behavior, continued.**

Questions and responses	Grade						
	6 %	7 %	8 %	9 %	10 %	11 %	12 %
Carry a knife, gun or other weapon							
Not at all wrong	10.3	7.9	10.1	12.3	14.2	9.3	17.2
Somewhat wrong	10.4	17.3	22.4	26.3	22.2	23.7	24.6
Very wrong	79.3	74.8	67.5	61.4	63.6	67.0	58.1
Steal something worth less than \$100							
Not at all wrong	9.5	4.7	7.1	8.5	10.9	6.1	16.5
Somewhat wrong	13.0	20.0	27.8	35.8	30.9	34.2	26.4
Very wrong	77.5	75.2	65.1	55.7	58.3	59.7	57.1
Pick a fight with someone (not family)							
Not at all wrong	11.8	8.9	10.3	11.0	11.1	8.9	16.1
Somewhat wrong	16.1	31.9	39.6	44.0	40.2	46.9	42.4
Very wrong	72.1	59.2	50.1	44.9	48.8	44.2	41.4
Attack someone to hurt them							
Not at all wrong	9.5	7.1	7.6	7.5	9.6	6.2	12.6
Somewhat wrong	8.5	15.2	19.6	23.7	22.4	22.0	21.3
Very wrong	82.0	77.7	72.9	68.8	68.0	71.8	66.1
Use inhalants							
Not at all wrong	10.3	4.8	6.7	7.8	10.4	7.7	17.3
Somewhat wrong	7.0	10.8	14.7	20.3	22.0	25.4	16.0
Very wrong	82.7	84.4	78.5	72.0	67.7	66.9	66.7
Cheat on a test at school							
Not at all wrong	11.5	9.5	11.1	14.4	20.8	19.4	23.9
Somewhat wrong	21.2	37.7	44.3	53.0	50.4	52.9	41.3
Very wrong	67.2	52.8	44.7	32.6	28.9	27.6	34.8
Drink and drive							
Not at all wrong	9.9	4.5	5.8	5.8	7.2	3.9	13.6
Somewhat wrong	4.9	7.7	10.2	13.6	10.8	10.7	10.9
Very wrong	85.2	87.8	84.0	80.7	82.1	85.4	75.5
Play games for money (e.g., poker)							
Not at all wrong	15.5	15.5	20.8	26.6	29.9	39.3	37.7
Somewhat wrong	16.8	29.4	33.4	41.3	37.8	34.9	38.9
Very wrong	67.7	55.1	45.8	32.1	32.3	25.8	23.4
Place bets on-line or in person							
Not at all wrong	14.6	9.7	14.6	19.8	23.1	24.4	32.6
Somewhat wrong	13.4	28.8	31.6	38.3	39.1	43.3	42.1
Very wrong	72.0	61.4	53.8	42.0	37.8	32.3	25.4
Play scratch tickets for money							
Not at all wrong	20.2	22.3	27.2	36.6	38.8	47.0	48.7
Somewhat wrong	20.1	31.5	33.0	35.9	34.5	34.9	27.0
Very wrong	59.6	46.2	39.8	27.5	26.7	18.1	24.3
Tease or taunt someone with the idea of hurting their feelings							
Not at all wrong	11.9	6.7	7.1	8.0	12.4	5.4	16.3
Somewhat wrong	14.6	25.7	31.3	34.6	27.7	31.5	28.8
Very wrong	73.5	67.5	61.7	57.4	59.9	63.1	54.9
Say or do nothing if a friend bullies someone							
Not at all wrong	10.7	8.8	11.2	11.3	13.8	9.9	13.9
Somewhat wrong	18.4	31.6	38.6	41.7	40.0	43.7	40.8
Very wrong	70.9	59.6	50.1	47.1	46.2	46.3	45.3

**Table 31. How youth report spending time after school**

Questions and responses	Grade						
	6 %	7 %	8 %	9 %	10 %	11 %	12 %
How many hours a day do you usually spend:							
Doing homework							
None	1.3	3.9	4.4	6.8	7.7	8.1	13.1
Less than 1 hour	62.7	49.7	46.6	40.2	39.4	40.8	49.6
1-3 hours	34.3	44.0	46.0	48.5	45.1	43.8	30.5
More than 3 hours	1.6	2.5	3.0	4.5	7.8	7.2	6.8
How many hours a week do you usually spend:							
Playing or practicing organized sports							
None	25.0	24.2	25.3	26.5	25.7	30.8	41.5
Up to 3 hours	40.2	36.7	27.5	23.6	22.8	17.6	16.4
3 to 7 hours	29.9	28.8	30.8	25.4	26.1	14.9	17.3
More than 7 hours	4.9	10.4	16.4	24.5	25.4	36.7	24.7
In clubs (like school clubs, scouts, boys/girls club)							
None	69.4	71.0	75.2	73.1	69.8	62.4	69.9
Up to 3 hours	22.2	20.9	18.0	17.9	21.2	25.6	21.3
3 to 7 hours	6.8	6.6	5.6	7.0	8.0	9.2	6.0
More than 7 hours	1.6	1.5	1.2	2.1	1.1	2.8	2.9
Watching TV							
None	6.4	8.0	8.3	9.8	7.1	8.7	9.5
Up to 3 hours	43.3	43.0	42.0	38.8	41.8	38.4	38.5
3 to 7 hours	38.9	33.9	36.1	37.6	36.3	33.8	32.5
More than 7 hours	11.4	15.0	13.5	13.8	14.9	19.1	19.5
Reading books, magazines or newspapers							
None	19.8	25.3	25.6	30.3	28.1	24.7	24.0
Up to 3 hours	54.8	51.2	51.5	49.7	51.5	50.9	50.9
3 to 7 hours	22.6	16.8	18.6	15.3	14.6	19.3	18.7
More than 7 hours	2.8	6.7	4.3	4.7	5.8	5.2	6.4
Hanging out with friends in private homes							
None	28.0	22.4	15.6	13.8	14.5	11.8	9.5
Up to 3 hours	37.2	36.5	34.6	35.2	33.8	35.9	43.9
3 to 7 hours	29.7	29.5	35.1	36.1	37.4	30.7	29.0
More than 7 hours	5.1	11.5	14.7	14.9	14.3	21.6	17.6
Working at a paying job							
None	62.8	58.9	52.8	52.4	45.3	34.6	25.9
Up to 3 hours	22.7	25.1	28.1	23.9	22.9	13.9	13.1
3 to 7 hours	12.1	12.5	15.1	16.8	22.8	14.7	18.8
More than 7 hours	2.4	3.5	4.1	6.9	9.0	36.9	42.1

**Table 31. How youth report spending time after school (continued)**

Questions and responses	Grade						
	6 %	7 %	8 %	9 %	10 %	11 %	12 %
How many hours a week do you usually spend:							
Helping around the house							
None	16.4	13.3	11.5	11.5	10.0	6.7	14.2
Up to 3 hours	49.0	53.7	53.5	53.3	52.0	53.6	53.3
3 to 7 hours	33.1	25.2	27.8	27.7	30.8	30.1	24.9
More than 7 hours	1.4	7.9	7.2	7.5	7.3	9.5	7.7
Doing volunteer work							
None	63.5	68.6	66.4	63.2	62.3	52.3	59.3
Up to 3 hours	28.2	24.3	25.1	27.9	25.4	37.5	30.7
3 to 7 hours	7.6	5.7	6.7	7.2	10.3	5.7	6.1
More than 7 hours	0.7	1.5	1.8	1.8	2.0	4.5	3.9
In a band, choir, orchestra, or playing a musical instrument							
None	53.1	51.4	56.8	68.1	68.6	68.1	70.6
Up to 3 hours	35.3	31.9	26.0	13.4	12.6	10.6	10.2
3 to 7 hours	10.2	12.3	11.5	12.3	13.4	14.9	9.5
More than 7 hours	1.3	4.4	5.6	6.1	5.4	6.4	9.7
Attending religious services or programs							
None	57.5	61.6	63.5	63.2	66.1	73.4	66.2
Up to 3 hours	30.8	29.1	27.0	27.5	24.2	20.6	21.7
3 to 7 hours	10.9	8.0	7.7	8.5	8.5	3.8	10.2
More than 7 hours	0.8	1.3	1.8	0.9	1.1	2.2	1.9
Using a computer unrelated to school							
None	20.1	16.0	9.6	8.9	10.3	4.3	6.6
Up to 3 hours	42.6	42.7	39.2	36.3	34.8	34.3	42.7
3 to 7 hours	27.1	27.2	34.6	33.7	34.9	35.2	26.5
More than 7 hours	10.3	14.1	16.6	21.1	20.0	26.2	24.2
Playing video games							
None	30.1	34.7	40.7	46.2	45.5	47.5	44.5
Up to 3 hours	39.5	38.2	30.9	29.0	26.1	34.1	23.4
3 to 7 hours	21.6	17.2	19.3	16.1	18.0	10.7	16.6
More than 7 hours	8.8	9.8	9.2	8.7	10.4	7.7	15.4
Talking on the telephone							
None	30.9	29.3	22.8	23.9	22.2	19.3	21.4
Up to 3 hours	44.4	47.9	48.0	48.3	44.7	51.9	56.7
3 to 7 hours	20.1	16.6	20.5	18.7	22.1	16.7	13.0
More than 7 hours	4.6	6.1	8.7	9.1	11.0	12.1	8.8
Listening to music							
None	10.5	8.7	5.2	3.0	4.8	2.9	5.4
Up to 3 hours	44.3	41.9	33.0	31.6	28.2	26.5	29.2
3 to 7 hours	34.8	28.5	35.0	33.0	38.0	29.8	25.9
More than 7 hours	10.4	20.9	26.7	32.5	29.0	40.9	39.4

**Table 32. Youth athletic activities**

Questions and responses	Grade						
	6 %	7 %	8 %	9 %	10 %	11 %	12 %
What kinds of athletics are you involved in?							
None	19.7	19.0	19.7	25.6	27.1	26.9	32.6
Informal, not organized	19.7	25.3	24.6	18.5	18.5	20.6	20.3
Organized outside school	55.0	52.8	50.7	27.6	28.8	20.0	18.3
School intramural sports	12.9	17.2	16.5	11.8	10.2	11.1	12.0
Varsity, JV or freshman teams	7.0	9.9	20.2	38.3	36.8	33.4	34.6

**Table 33. Self concept**

Questions and responses	Grade						
	6 %	7 %	8 %	9 %	10 %	11 %	12 %
How much do you disagree or agree with the following:							
I am good at making friends.							
Strongly disagree	3.6	4.8	3.5	5.3	7.7	5.7	5.5
Disagree	9.5	8.4	9.5	8.7	10.6	10.6	17.1
Agree	45.4	48.0	48.2	53.8	53.1	51.8	53.8
Strongly agree	41.5	38.8	38.8	32.1	28.6	31.9	23.6
I feel no one understands me.							
Strongly disagree	32.1	36.4	36.8	34.1	32.1	36.6	35.4
Disagree	37.4	35.9	36.8	42.1	42.9	39.7	43.4
Agree	16.9	19.1	18.7	19.1	18.1	19.3	19.1
Strongly agree	13.6	8.5	7.7	4.8	6.9	4.3	2.0
At times, I think I am no good at all.							
Strongly disagree	35.6	38.5	39.0	34.6	34.4	37.4	40.1
Disagree	29.2	27.6	28.0	33.5	33.7	35.2	33.3
Agree	22.5	25.8	26.2	25.2	24.5	23.5	21.6
Strongly agree	12.6	8.0	6.7	6.7	7.5	3.9	4.9
I feel lonely.							
Strongly disagree	41.6	45.6	47.1	42.1	38.1	43.1	42.9
Disagree	30.8	34.2	32.5	35.9	36.3	31.8	43.2
Agree	18.9	14.2	14.3	17.8	19.1	20.9	12.4
Strongly agree	8.7	6.0	6.0	4.2	6.5	4.2	1.5
I am good at making decisions.							
Strongly disagree	7.2	7.7	5.3	6.8	7.5	7.1	9.1
Disagree	11.9	13.5	15.1	16.6	15.6	12.2	9.0
Agree	45.8	47.5	49.4	53.4	54.1	53.1	52.7
Strongly agree	35.2	31.2	30.2	23.2	22.8	27.7	29.2
I feel that no one really cares about me.							
Strongly disagree	51.4	54.4	53.5	48.8	46.9	50.1	51.7
Disagree	28.4	29.8	30.1	36.6	38.4	35.8	35.6
Agree	12.3	11.1	11.7	11.5	10.4	11.6	11.4
Strongly agree	7.9	4.6	4.7	3.1	4.3	2.4	1.4

**Table 33. Self concept continued**

Questions and responses	Grade						
	6 %	7 %	8 %	9 %	10 %	11 %	12 %
I feel I do not have much to be proud of							
Strongly disagree	47.3	49.7	49.5	44.3	43.6	43.0	46.1
Disagree	28.3	29.8	31.7	35.7	34.5	39.2	35.3
Agree	15.7	15.2	14.5	15.4	16.6	16.5	16.0
Strongly agree	8.8	5.3	4.3	4.5	5.3	1.3	2.6
I think I have a good sense of humor.							
Strongly disagree	7.0	5.2	4.0	4.9	7.0	4.1	4.9
Disagree	10.4	11.5	8.9	8.0	7.6	6.4	11.0
Agree	46.0	46.6	50.0	48.6	50.5	56.2	49.7
Strongly agree	36.6	36.7	37.0	38.5	34.9	33.3	34.4
I often have trouble sleeping.							
Strongly disagree	31.1	31.3	30.5	29.0	27.3	32.4	28.4
Disagree	35.1	33.6	34.1	36.1	34.8	33.4	40.6
Agree	23.6	23.6	25.1	24.0	26.6	24.5	22.6
Strongly agree	10.2	11.5	10.4	10.9	11.2	9.7	8.4
I feel sad most of the time.							
Strongly disagree	45.3	46.4	47.1	44.6	41.2	42.2	45.3
Disagree	30.8	37.0	36.7	39.3	40.8	42.3	44.8
Agree	16.2	11.6	11.9	11.2	13.0	12.1	9.3
Strongly agree	7.7	5.0	4.3	4.9	4.9	3.4	0.5
On the whole, I like myself.							
Strongly disagree	10.1	7.0	5.0	6.3	6.6	5.9	8.5
Disagree	9.7	8.8	11.8	12.6	11.6	11.2	4.8
Agree	43.1	41.8	42.6	45.5	49.6	47.3	52.5
Strongly agree	37.1	42.4	40.6	35.6	32.3	35.6	34.2
I have so much energy, I don't know what to do with it.							
Strongly disagree	20.1	21.8	22.1	20.5	21.3	22.7	22.2
Disagree	31.7	37.5	41.4	46.7	48.0	53.7	44.3
Agree	31.2	27.0	24.4	22.6	21.4	17.2	25.0
Strongly agree	16.9	13.7	12.1	10.2	9.3	6.4	8.6
I have less energy than I think I should.							
Strongly disagree	41.1	45.0	41.6	36.8	29.2	30.5	33.1
Disagree	35.2	34.7	36.2	38.9	37.8	38.2	37.8
Agree	16.0	15.9	17.8	19.6	25.7	24.9	26.9
Strongly agree	7.7	4.4	4.3	4.7	7.3	6.3	2.3
I have a number of good qualities.							
Strongly disagree	6.4	5.2	3.9	4.3	6.0	5.0	6.8
Disagree	8.5	6.9	8.9	7.4	7.8	9.5	7.3
Agree	43.6	46.8	48.9	54.4	55.0	56.7	49.6
Strongly agree	41.5	41.1	38.3	33.9	31.2	28.7	36.3
All in all, I am glad I am me.							
Strongly disagree	7.9	5.5	5.7	5.1	6.5	4.5	7.3
Disagree	8.7	8.8	10.1	9.9	9.3	10.5	7.1
Agree	34.5	32.3	35.5	43.3	45.6	42.7	48.3
Strongly agree	48.9	53.3	48.7	41.8	38.6	42.4	37.3

**Table 33. Self concept continued**

Questions and responses	Grade						
	6 %	7 %	8 %	9 %	10 %	11 %	12 %
I am restless and can't sit still							
Strongly disagree	33.8	34.0	32.0	27.2	27.5	25.8	23.8
Disagree	32.3	34.7	35.6	39.9	38.9	36.7	43.9
Agree	23.8	19.7	22.1	23.1	24.0	28.6	22.6
Strongly agree	10.1	11.6	10.3	9.8	9.6	9.0	9.7
I have trouble concentrating.							
Strongly disagree	38.2	27.0	24.8	23.1	23.3	19.8	21.1
Disagree	32.9	35.1	34.4	33.8	31.9	37.9	40.8
Agree	22.1	26.8	29.3	30.3	31.2	32.6	29.1
Strongly agree	6.8	11.1	11.6	12.8	13.7	9.7	9.0
If someone were being bullied, I would stick up for them							
Strongly disagree	11.2	7.3	6.8	7.3	9.7	5.6	8.1
Disagree	10.1	10.2	15.0	16.7	17.6	19.2	15.1
Agree	37.8	41.5	44.1	49.7	47.3	53.6	48.2
Strongly agree	40.9	41.0	34.1	26.3	25.5	21.6	28.6
I wish I were dead							
Strongly disagree	74.0	75.0	76.2	77.0	74.0	77.8	79.1
Disagree	16.0	16.3	14.8	14.7	17.4	16.2	13.4
Agree	6.2	5.7	6.1	6.1	5.9	3.8	7.0
Strongly agree	3.8	2.9	3.0	2.2	2.7	2.2	0.5

**Table 34. Perceptions of normative substance use**

Questions and responses	Grade						
	6 %	7 %	8 %	9 %	10 %	11 %	12 %
About how many students in your grade do you think:							
Drink alcohol at least twice a month?							
Fewer than 10%	73.3	52.3	31.7	4.7	4.4	1.9	7.0
10-25%	17.6	28.3	30.1	20.0	7.7	6.7	7.3
25-50%	6.7	11.3	18.7	27.2	20.2	15.2	15.9
50-75%	1.6	3.9	12.5	27.5	31.9	36.9	29.3
75-90%	0.0	2.6	5.5	14.8	28.4	31.1	28.0
More than 90%	0.8	1.6	1.5	5.9	7.4	8.2	12.5
Use marijuana?							
Fewer than 5%	83.8	70.7	45.9	10.4	8.2	4.0	10.7
5-10%	8.2	16.6	20.9	12.3	7.5	8.0	9.4
10-20%	3.6	6.5	11.8	15.2	15.6	9.6	11.1
20-30%	2.7	3.3	9.8	23.5	21.9	19.2	14.4
30-50%	1.8	1.7	7.2	20.7	26.2	27.8	25.3
More than 50%	0.0	1.2	4.4	17.9	20.6	31.5	29.0

## SECTION 4. FAMILY DOMAIN

**Table 35. Family attitudes toward alcohol, tobacco, and marijuana**

Questions and responses	6 %	7 %	8 %	9 %	10 %	11 %	12 %
How wrong do your parents/guardians feel it would be for you to:							
Drink beer, wine, or hard liquor more than a few sips?							
Not at all wrong	4.0	2.3	3.0	4.1	5.1	3.7	9.5
A little bit wrong	5.6	10.6	11.2	17.6	18.2	23.6	25.9
Wrong	17.7	22.2	25.9	31.9	29.5	32.1	26.9
Very wrong	72.8	65.0	59.9	46.4	47.2	40.6	37.6
Smoke cigarettes?							
Not at all wrong	1.8	1.3	1.1	1.6	1.9	1.3	1.9
A little bit wrong	2.5	2.0	2.8	4.4	4.9	7.1	5.8
Wrong	12.2	13.0	16.8	18.9	22.5	24.0	23.3
Very wrong	83.5	83.7	79.3	75.1	70.6	67.7	69.0
Use marijuana?							
Not at all wrong	2.5	1.1	0.8	3.2	2.7	3.9	5.6
A little bit wrong	2.0	2.0	3.4	6.8	9.4	8.3	5.2
Wrong	4.3	4.9	8.9	14.1	14.2	20.4	19.1
Very wrong	91.2	92.0	86.9	75.9	73.7	67.4	70.1

**Table 36. Family status of alcohol use**

Questions and responses	6 %	7 %	8 %	9 %	10 %	11 %	12 %
Does either of your parents drink alcoholic beverages?							
No	32.7	27.7	23.3	23.0	21.1	18.2	25.7
Yes	58.5	69.4	74.8	75.7	78.0	81.7	74.3
Don't know	8.8	2.9	1.9	1.4	0.9	0.1	0.0
Do your siblings drink alcoholic beverages?							
No	67.3	61.3	52.5	47.1	44.4	39.8	42.9
Yes	10.9	21.0	28.2	37.3	38.3	47.7	46.8
Don't know	9.4	10.0	12.4	9.5	10.9	5.0	2.5
No siblings	12.3	7.7	6.9	6.2	6.4	7.5	7.8
Has anyone in your family had alcohol problems?							
No	80.8	81.4	77.6	75.8	79.2	72.9	79.8
Yes	19.2	18.6	22.4	24.2	20.8	27.1	20.2

**Table 37. Family management**

Questions and responses	Grade						
	6 %	7 %	8 %	9 %	10 %	11 %	12 %
On a regular weekday, how many hours do you usually spend after school without an adult present?							
None	22.9	17.6	13.0	12.3	9.9	9.7	12.3
Less than 1 hour	31.9	26.8	21.5	18.4	15.8	9.9	13.2
1-2 hours	29.4	32.5	38.6	36.6	38.2	36.7	21.4
Up to 4 hours	12.7	16.0	19.9	22.4	26.2	27.0	21.7
More than 4 hours	3.2	7.1	7.1	10.2	9.9	16.7	31.4
When I am away from home, my parents know where I am and who I am with.							
Definitely not true	2.7	2.3	2.3	2.4	3.2	1.0	3.4
Mostly not true	3.1	4.4	6.4	7.6	9.5	7.9	12.1
Mostly true	19.7	27.6	35.6	43.5	47.3	49.8	46.8
Definitely true	74.6	65.7	55.7	46.5	40.0	41.3	37.8
If I break one of my parent's rules, I am usually disciplined							
Definitely not true	11.9	6.2	7.0	8.8	7.7	7.0	6.8
Mostly not true	15.6	15.2	18.5	17.7	21.6	18.7	20.8
Mostly true	38.7	43.2	40.3	42.4	44.9	50.1	46.9
Definitely true	33.9	35.4	34.2	31.1	25.8	24.2	25.5
My family has clear rules discouraging drinking alcohol.							
Definitely not true	6.0	2.8	3.6	4.3	6.2	4.2	5.2
Mostly not true	5.7	6.2	8.6	11.1	12.4	13.3	17.4
Mostly true	15.7	24.2	25.9	34.1	34.6	43.6	24.3
Definitely true	72.6	66.8	61.8	50.5	46.9	39.0	53.1

**Table 38. Parental attachment and communication**

Questions and responses	Grade						
	6 %	7 %	8 %	9 %	10 %	11 %	12 %
I feel very close to my parent/guardian(s)							
Definitely not true	1.9	4.4	4.6	6.5	6.8	4.5	2.2
Mostly not true	5.8	7.5	11.6	12.2	12.5	10.3	12.5
Mostly true	23.9	28.8	33.8	39.5	38.9	40.0	42.5
Definitely true	68.4	59.3	50.1	41.8	41.8	45.2	42.7
I enjoy spending time with my parent/guardian(s)							
Definitely not true	1.9	5.3	5.9	7.0	5.6	4.2	2.9
Mostly not true	9.2	11.4	14.8	16.9	17.2	13.3	19.0
Mostly true	35.7	41.4	46.4	48.2	50.7	56.2	48.6
Definitely true	53.3	41.9	33.0	28.0	26.4	26.3	29.5
I share my thoughts and feelings with my parent/guardian(s)							
Definitely not true	13.4	15.5	16.9	17.9	18.7	13.6	16.5
Mostly not true	19.6	24.9	26.8	29.9	27.0	26.8	29.5
Mostly true	37.6	38.4	38.3	36.7	36.4	42.7	41.2
Definitely true	29.4	21.2	18.0	15.5	17.9	16.9	12.8

**Table 39. Positive family involvement**

Questions and responses	Grade						
	6 %	7 %	8 %	9 %	10 %	11 %	12 %
My parent/guardian(s):							
Gives lots of chances to do fun things with them and my family.							
Definitely not true	3.3	4.5	6.5	5.2	6.1	5.7	4.5
Mostly not true	7.6	10.9	12.5	15.4	16.2	14.5	16.5
Mostly true	34.9	39.2	37.6	47.3	47.0	44.3	49.0
Definitely true	54.2	45.4	43.4	32.1	30.6	35.4	30.1
Gives me help and support.							
Definitely not true	1.5	2.5	2.2	3.7	3.3	3.3	4.0
Mostly not true	4.3	6.1	7.4	8.1	11.2	7.7	4.7
Mostly true	23.7	26.7	31.6	36.3	37.0	36.4	38.2
Definitely true	70.6	64.6	58.8	52.0	48.4	52.6	53.1
Asks if my homework is done.							
Definitely not true	2.5	4.1	4.9	6.8	9.5	11.0	17.3
Mostly not true	4.7	5.9	10.4	13.7	13.8	18.1	17.7
Mostly true	19.0	22.4	28.9	30.5	34.6	32.1	37.4
Definitely true	73.8	67.6	55.8	49.0	42.0	38.8	27.7
Participates in activities at my school.							
Definitely not true	23.5	32.6	32.5	37.2	34.2	34.4	26.3
Mostly not true	22.9	23.8	25.3	26.4	26.7	25.2	20.1
Mostly true	34.9	27.6	28.5	23.9	26.0	28.9	34.8
Definitely true	18.7	15.9	13.7	12.5	13.1	11.5	18.9

**SECTION 5. SCHOOL DOMAIN**

**Table 40. School performance**

Questions and responses	Grade						
	6 %	7 %	8 %	9 %	10 %	11 %	12 %
What kinds of grades do you usually get?							
Mostly A's	24.4	24.1	19.4	16.9	18.7	20.8	25.3
A's and B's	33.0	29.1	31.8	28.3	24.2	27.3	28.9
Mostly B's	16.6	17.1	20.0	17.5	24.9	27.8	21.8
B's and C's	16.4	12.8	15.1	17.9	14.5	11.5	15.4
Mostly C's	7.0	9.3	8.3	10.9	9.5	7.7	5.8
C's and D's	1.7	4.1	2.5	5.5	4.5	2.8	2.0
Mostly D's	0.6	2.4	1.7	1.8	2.1	1.7	0.0
D's and F's	0.0	0.5	0.8	1.1	0.7	0.1	0.0
Mostly F's	0.3	0.7	0.4	0.2	0.9	0.1	0.8
On average, how many hours a day do you spend doing homework?							
None	1.3	3.9	4.4	6.8	7.7	8.1	13.1
Less than 1 hr	62.7	49.7	46.6	40.2	39.4	40.8	49.6
1-3 hrs	34.3	44.0	46.0	48.5	45.1	43.8	30.5
More than 3 hrs	1.6	2.5	3.0	4.5	7.8	7.2	6.8

**Table 41. Commitment to school**

Questions and responses	Grade						
	6 %	7 %	8 %	9 %	10 %	11 %	12 %
I try hard to do good work at school.							
Definitely not true	2.0	1.5	0.8	1.7	3.0	1.9	1.5
Mostly not true	1.5	4.4	3.8	7.6	8.8	8.4	8.7
Mostly true	40.1	46.3	49.7	49.0	49.4	49.2	48.1
Definitely true	56.4	47.8	45.7	41.7	38.9	40.6	41.6
I want very much to get more education after high school.							
Definitely not true	1.9	2.3	1.8	1.9	3.1	1.9	4.0
Mostly not true	5.9	5.0	4.6	5.5	6.0	5.1	4.1
Mostly true	26.2	28.4	23.0	26.1	23.0	19.0	8.0
Definitely true	66.1	64.3	70.6	66.4	67.9	74.0	83.9
It is important to me to get good grades.							
Definitely not true	0.9	1.3	1.0	1.3	2.1	2.4	3.1
Mostly not true	2.7	4.4	3.7	4.7	5.7	6.7	4.4
Mostly true	21.9	25.7	31.0	33.7	34.0	37.6	38.2
Definitely true	74.5	68.5	64.3	60.2	58.2	53.3	54.4
I have given up on school.							
Definitely not true	86.7	86.6	83.5	80.6	73.5	75.6	65.9
Mostly not true	9.1	8.6	11.2	13.4	17.5	18.7	16.3
Mostly true	2.2	3.1	3.4	4.9	7.0	3.9	9.7
Definitely true	1.9	1.8	1.8	1.1	2.0	1.8	8.2
I feel safe at school.							
Definitely not true	6.5	5.2	5.8	6.8	6.7	4.4	7.7
Mostly not true	9.9	11.3	12.1	12.3	14.1	10.4	4.9
Mostly true	46.2	51.4	52.1	58.5	56.5	58.0	53.5
Definitely true	37.4	32.1	30.1	22.4	22.7	27.2	33.9

**SECTION 6. COMMUNITY DOMAIN**

**Table 42. Perception of neighborhood environment**

Questions and responses	Grade						
	6 %	7 %	8 %	9 %	10 %	11 %	12 %
There are lots of things for young people to do in my neighborhood.							
Definitely not true	17.7	13.4	14.5	21.4	29.2	19.7	35.5
Mostly not true	16.4	16.1	21.5	29.7	27.6	33.3	31.0
Mostly true	35.2	39.4	39.4	35.5	33.2	36.9	24.9
Definitely true	30.7	31.1	24.5	13.4	10.1	10.1	8.6
My neighborhood is a safe place.							
Definitely not true	14.1	10.8	9.6	9.8	11.4	4.7	13.7
Mostly not true	19.5	16.8	16.6	19.6	15.9	17.7	16.3
Mostly true	38.6	47.6	51.0	52.8	51.9	58.0	49.0
Definitely true	27.8	24.8	22.9	17.7	20.8	19.6	21.0
In my neighborhood, kids are often teased or taunted							
Definitely not true	35.9	20.1	18.9	18.1	22.2	16.5	30.4
Mostly not true	29.0	32.1	35.7	40.2	40.5	41.3	43.6
Mostly true	18.0	27.5	26.9	26.6	23.4	31.8	21.6
Definitely true	17.0	20.3	18.5	15.2	14.0	10.4	4.4

**Table 43. Neighborhood drug involvement**

Questions and responses	Grade						
	6 %	7 %	8 %	9 %	10 %	11 %	12 %
A lot of drugs are sold.							
Definitely not true	57.2	44.3	30.3	21.2	20.9	12.1	29.9
Mostly not true	22.9	32.4	35.7	30.4	28.2	33.2	28.7
Mostly true	10.7	15.3	20.7	30.6	33.7	35.0	31.1
Definitely true	9.2	8.0	13.3	17.8	17.3	19.7	10.3
A lot of kids I know are into using marijuana and other drugs.							
Definitely not true	63.0	47.1	30.1	17.0	15.4	9.1	21.9
Mostly not true	19.6	32.2	35.9	27.6	25.1	23.5	22.1
Mostly true	13.0	13.9	21.6	34.8	39.4	37.9	39.9
Definitely true	4.4	6.7	12.4	20.5	20.1	29.6	16.0
People in town are trying to keep kids off drugs.							
Definitely not true	15.9	11.0	12.2	11.3	13.3	9.0	13.5
Mostly not true	7.8	12.9	18.2	23.4	28.2	32.8	28.7
Mostly true	28.9	32.1	37.8	40.4	45.8	44.8	43.0
Definitely true	47.4	44.0	31.8	24.9	12.8	13.3	14.9

**Table 44. Perception of strategies to prevent alcohol use**

Questions and responses	Grade						
	6 %	7 %	8 %	9 %	10 %	11 %	12 %
How important do you think the following are in preventing kids from drinking alcohol?							
High price							
Very important	32.2	34.2	29.3	26.6	24.0	20.6	24.7
Somewhat important	25.6	28.7	32.3	33.6	30.8	41.9	40.8
Not important	18.3	23.8	26.5	31.2	35.1	33.1	29.0
Don't know	23.9	13.3	12.0	8.6	10.1	4.4	5.4
Checking ID's in stores and bars							
Very important	73.0	65.6	60.4	54.7	53.2	36.8	47.6
Somewhat important	10.5	20.0	23.8	29.0	26.4	37.4	30.0
Not important	5.9	7.6	9.9	10.6	13.8	22.5	18.7
Don't know	10.6	6.8	5.9	5.7	6.6	3.4	3.7
Ads that show the problems associated with drinking							
Very important	52.8	53.3	38.5	32.1	25.0	19.0	20.4
Somewhat important	24.1	28.1	35.3	36.4	31.9	35.4	48.7
Not important	9.9	9.9	18.0	24.4	35.3	40.9	28.1
Don't know	13.2	8.7	8.2	7.0	7.8	4.8	2.8
Friends who don't drink							
Very important	68.1	58.2	55.5	48.7	47.6	40.8	46.6
Somewhat important	13.1	25.1	26.9	30.8	30.7	39.8	27.8
Not important	7.9	7.7	11.1	13.6	15.1	15.8	21.7
Don't know	11.0	8.9	6.5	7.0	6.5	3.6	3.9
Friends who disapprove of drinking							
Very important	58.8	61.5	54.5	46.9	42.2	39.4	39.1
Somewhat important	18.8	23.4	28.7	32.8	33.6	43.2	32.1
Not important	7.0	7.5	9.5	13.5	17.1	14.7	25.2
Don't know	15.4	7.6	7.3	6.8	7.1	2.7	3.7
Parental strictness about drinking							
Very important	64.5	62.9	52.8	48.0	39.3	34.8	36.8
Somewhat important	16.1	24.1	28.2	33.0	35.5	45.0	38.2
Not important	6.5	5.4	10.9	12.6	17.9	17.2	23.5
Don't know	12.9	7.7	8.1	6.3	7.3	3.1	1.5

**Table 44. Perception of strategies to prevent alcohol use continued**

Questions and responses	Grade						
	6 %	7 %	8 %	9 %	10 %	11 %	12 %
Alcohol education in school							
Very important	65.1	58.8	46.9	34.3	26.2	18.4	28.4
Somewhat important	15.9	25.9	30.2	32.8	30.2	39.9	30.4
Not important	6.8	7.8	15.8	25.1	35.9	37.2	36.6
Don't know	12.3	7.6	7.2	7.7	7.7	4.5	4.5
Alcohol-free activities							
Very important	63.0	59.9	50.2	40.3	31.0	26.3	28.3
Somewhat important	15.5	23.4	28.9	31.5	34.4	35.3	42.6
Not important	8.3	9.7	14.0	20.1	26.0	35.1	26.5
Don't know	13.2	7.0	6.9	8.2	8.5	3.2	2.7
Fear of addiction							
Very important	53.8	55.7	45.8	36.9	30.4	19.5	26.2
Somewhat important	18.8	27.3	28.8	33.7	31.3	41.0	33.6
Not important	10.2	7.9	17.1	21.1	29.2	34.4	37.0
Don't know	17.3	9.1	8.3	8.3	9.1	5.2	3.2
Blood alcohol or breathalyzer tests at school or home							
Very important	53.8	52.4	43.4	41.2	39.9	27.7	31.4
Somewhat important	19.6	26.0	31.4	37.2	34.2	47.7	46.0
Not important	6.7	8.8	13.7	14.5	17.9	20.1	18.7
Don't know	20.0	12.7	11.5	7.2	7.9	4.5	3.8
Getting arrested for drinking							
Very important	62.2	62.2	54.2	50.6	47.2	36.9	33.4
Somewhat important	21.1	23.3	26.2	30.3	29.7	43.8	41.8
Not important	4.0	6.5	11.3	11.6	15.5	16.4	22.8
Don't know	12.8	8.0	8.3	7.5	7.6	2.9	2.0

## SECTION 7. COMPARISONS

Tables in this section compare regional data with national statistics from 2008. The source of national statistics is the Monitoring The Future survey compiled by the Univ. of Michigan every year (most recently in 2008) for grades 8, 10 and 12. (n/a = data not available).

**Table 45. Lifetime substance use rates**

Substance (any amount )	SERAC	MTF	SERAC	MTF	SERAC	MTF
	06_09 Grade 8 %	National Survey 2008 Grade 8 %	06_09 Grade 10 %	National Survey 2008 Grade 10 %	06_09 Grade 12 %	National Survey 2008 Grade 12 %
Cigarettes	17.0	20.5	27.3	31.7	39.1	44.7
Alcohol	38.4	38.9	61.0	58.3	69.8	71.9
Marijuana	10.7	14.6	31.5	29.9	36.7	42.6
Inhalants	8.2	15.7	8.2	12.8	6.4	9.9
Cocaine	1.0	3.0	3.9	4.5	6.2	7.2
Crack	0.7	2.0	1.3	2.0	2.7	2.8
Heroin	0.7	1.4	1.9	1.2	0.0	1.3
Hallucinogens	1.3	3.3	7.0	5.5	8.3	8.7
MDMA (ecstasy)	0.7	2.4	2.2	4.3	5.2	6.2
Steroids	1.6	1.4	1.2	1.4	2.3	2.2
Tranquilizers	0.7	3.9	1.7	6.8	3.2	8.9
Any illicit drug other than marijuana	3.6	11.2	11.7	15.9	22.3	24.9

**Table 46. Recent (30-Day) Prevalence**

Substance (any amount )	SERAC	MTF	SERAC	MTF	SERAC	MTF
	06_09	National	06_09	National	06_09	National
	Grade 8	Survey	Grade 10	Survey	Grade 12	Survey
	%	2008	%	2008	%	2008
		Grade 8		Grade 10		Grade 12
		%		%		%
Cigarettes	5.0	6.8	13.1	12.3	18.9	20.4
Alcohol	13.5	15.9	31.5	28.8	38.5	43.1
Marijuana	5.6	5.8	16.0	13.8	14.0	19.4
Cocaine	0.1	0.8	0.9	1.2	2.5	1.9
Crack	0.1	0.5	0.3	0.5	0.0	0.8
Heroin	0.2	0.4	0.4	0.4	0.0	0.4
Hallucinogens	0.2	0.9	1.5	1.3	2.5	2.2
MDMA (ecstasy)	0.1	0.8	0.4	1.1	2.5	1.8
Any illicit drug other than marijuana	0.8	3.8	3.2	5.3	2.5	9.3
Steroids	0.5	0.5	0.7	0.5	0.0	1.0
Tranquilizers	0.3	1.2	0.3	1.9	0.0	2.6

**Table 47. Perception of harm and availability**

	SERAC	MTF	SERAC	MTF	SERAC	MTF
	06_09	National	06_09	National	06_09	National
	Grade 8	Survey	Grade 10	Survey	Grade 12	Survey
	%	2008	%	2008	%	2008
		Grade 8		Grade 10		Grade 12
		%		%		%
<b>Perception of "great harm" with regular use</b>						
Cigarettes	69.2	59.8	61.6	69.1	68.8	74.0
Alcohol	32.9	31.5	27.8	35.0	29.6	24.2
Marijuana	62.3	72.0	37.1	64.8	30.7	78.6
<b>Substance "fairly-" or "very easily" available</b>						
Cigarettes	50.9	57.4	75.0	76.5	86.4	n/a
Alcohol	63.2	64.1	84.4	81.1	80.8	92.2
Marijuana	33.5	39.3	70.3	67.4	67.2	83.9

## SECTION 8. CORRELATIONS

**Table 48. Prevention strategies**

Question and response choices	Statistical Significance	Scale Score, Recent Alcohol Consumption		
		NO	YES	YES/NO
	p-value	% of max	% of max	%
How important do you think the following are in preventing kids from drinking?				
High price	<b>0.05</b>	51.2	44.3	86.5
Checking ID's in stores and bars	<b>&lt;0.001</b>	76.9	63.3	82.3
Ads showing problems associated with drinking	<b>&lt;0.001</b>	61.0	42.4	69.5
Friends who don't drink	<b>&lt;0.001</b>	75.2	57.3	76.2
Friends who disapprove of drinking	<b>&lt;0.001</b>	74.3	55.1	74.1
Parental strictness about drinking	<b>&lt;0.001</b>	74.1	54.3	73.3
Fine of \$200	<b>&lt;0.001</b>	74.6	60.8	81.5
Alcohol education in school	<b>&lt;0.001</b>	65.1	40.9	62.9
Alcohol-free activities	<b>&lt;0.001</b>	68.2	46.5	68.2
Fear of Addiction	<b>&lt;0.001</b>	65.0	45.1	69.4
Blood alcohol or breathalyzer tests	<b>0.05</b>	68.5	56.0	81.8

Statistical significance: p-value > 0.05 = n.s. (see Methods for further explanation).

\* Mean scores are based on the 3-point scale of Table 44, rescaled to 100.

Higher score indicates a perception of MORE EFFECTIVE prevention.

**Table 49. Social supports**

Question and response choices	Statistical Significance	Scale Score, Recent Alcohol Consumption		
		NO	YES	YES/NO
	p-value	% of max	% of max	%
When you have a problem that bothers you, how often do you talk about it with:				
Parents or guardians	<b>&lt;0.001</b>	44.0	30.1	68.4
A relative other than parent	<b>0.001</b>	30.2	24.3	80.4
A teacher	n.s.	16.3		
An adult who is not family or a teacher	<b>&lt;0.001</b>	18.2	21.7	118.9
A brother or sister	n.s.	34.4		
A friend	n.s.	61.3		
Nobody. I keep it to myself.	n.s.	46.3		

\* Mean scores are based on the 4-point scale of Table 28, rescaled to 0-100.

Higher score means GREATER likelihood of talking with person(s) indicated.

**Table 50. Attitudes toward antisocial behavior**

Question and response choices	Statistical Significance	Scale Score, Recent Alcohol Consumption		
		NO	YES	YES/NO
	p-value	% of max	% of max	%
How wrong do you think it is for someone your age to:				
Drink alcoholic beverages	<b>&lt;0.001</b>	74.5	34.6	46.5
Smoke cigarettes	<b>&lt;0.001</b>	81.2	51.8	63.8
Use marijuana	<b>&lt;0.001</b>	83.1	46.5	56.0
Purposely damage property that does not belong to them	<b>&lt;0.001</b>	83.3	68.4	82.1
Carry a knife, gun or other weapon	<b>&lt;0.001</b>	81.8	64.3	78.6
Steal something worth less than \$100	<b>&lt;0.001</b>	81.6	64.3	78.8
Pick a fight with someone (not family)	<b>&lt;0.001</b>	74.0	56.3	76.0
Attack someone to hurt them	<b>&lt;0.001</b>	85.5	69.6	81.5
Taunt someone to hurt their feelings	<b>&lt;0.001</b>	79.8	65.2	81.7
Do nothing if a friend bullies someone	<b>&lt;0.001</b>	73.3	58.8	80.2
Use inhalants	<b>&lt;0.001</b>	87.5	68.0	77.7
Cheat on a test at school	<b>&lt;0.001</b>	67.6	45.4	67.2
Drink and drive	<b>&lt;0.001</b>	91.0	79.5	87.4
Play games for money, like poker	<b>&lt;0.001</b>	63.3	38.1	60.2
Place bets on-line	<b>&lt;0.001</b>	69.2	47.9	69.3
Play scratch tickets for money	<b>&lt;0.001</b>	55.7	33.2	59.6

\* Mean scores are based on the 4-point scale of Table 30, rescaled to 0-100.

Higher score means the act was considered MORE WRONG by the average respondent.

**Table 51. Time spent after school**

Question and response choices	Statistical Significance	Scale Score, Recent Alcohol Consumption		
		NO	YES	YES/NO
	p-value	% of max	% of max	%
How many hours a week do you usually spend:				
Playing or practicing organized sports	<b>0.05</b>	45.1	50.4	111.8
In clubs (like school clubs, scouts, boys/girls club)	n.s.	13.3		
Watching TV	n.s.	52.6		
Reading books, magazines or newspapers	<b>&lt;0.001</b>	35.0	29.8	85.1
Hanging out with friends in private homes	<b>&lt;0.001</b>	44.8	61.6	137.7
Working at a paying job	<b>&lt;0.001</b>	26.2	44.0	167.8
Helping around the house	<b>0.05</b>	43.8	42.9	97.9
Doing volunteer work	n.s.	16.0		
In a band, choir, or playing a musical instrument	<b>&lt;0.001</b>	21.5	16.8	78.1
Attending religious services	<b>&lt;0.001</b>	16.4	12.4	75.9
Using a computer unrelated to school	<b>&lt;0.001</b>	51.2	58.2	113.7
Playing video games	<b>&lt;0.001</b>	32.8	28.2	85.9
Talking on the telephone	<b>&lt;0.001</b>	35.0	45.4	129.7
Listening to music	<b>&lt;0.001</b>	58.8	69.5	118.2

Mean scores are based on the 4-point scale of Table 31, rescaled to 0-100.

Higher score means more time spent in the activity by average respondent.

**Table 52. Self concept**

Question and response choices	Statistical Significance	Scale Score, Recent Alcohol Consumption		
		NO	YES	YES/NO
	p-value	% of max	% of max	%
How much do you disagree or agree with the following:				
I am good at making friends.	n.s.	71.4		
I feel no one understands me.	<0.001	31.9	34.9	109.7
At times, I think I am no good at all.	<0.001	33.2	37.0	111.3
I feel lonely.	0.05	27.4	30.7	111.7
I am good at making decisions.	<0.001	68.0	61.4	90.3
I feel that no one really cares about me.	<0.001	21.6	27.5	127.6
I feel I do not have much to be proud of.	<0.001	24.6	31.6	128.5
I think I have a good sense of humor.	n.s.	72.2		
I often have trouble sleeping.	<0.001	37.8	41.6	110.2
I feel sad most of the time.	<0.001	24.4	29.5	120.8
On the whole, I like myself.	<0.001	72.2	67.4	93.4
I have so much energy, I don't know what to do with it.	n.s.	41.3		
I have less energy than I think I should.	n.s.	30.2		
I have a number of good qualities.	<0.001	73.4	69.6	94.8
All in all, I am glad I am me.	<0.001	76.0	70.0	92.2
I am restless and can't sit still	<0.001	35.5	43.0	121.4
I have trouble concentrating.	<0.001	39.3	51.4	130.7
I would stick up for some one being bullied.	<0.001	69.9	63.4	90.7

\* Mean scores are based on the 4-point scale of Table 33, rescaled to 0-100.  
Higher score means STRONGER AGREEMENT by average respondent.

**Table 53. Other characteristics related to alcohol consumption**

Question and response choices	Statistical Significance	Scale Score, Recent Alcohol Consumption		
		NO	YES	YES/NO
	p-value	% of max	% of max	%
Eligible for free or reduced-price lunch at school	0.05	13.1	9.5	71.9
Have asthma	0.05	12.2	13.6	112.2
Weekday time after school without adult present	<0.001	45.2	62.0	137.3
Does either parent drink alcohol?	<0.001	71.0	90.8	127.8
Do siblings drink alcohol?	<0.001	22.9	30.2	132.1
Anyone in family ever had problems with alcohol	<0.001	18.5	33.8	182.4
How many close friends drink alcohol?	<0.001	28.5	73.1	256.2
What kinds of grades do you mostly get?	<0.001	66.0	77.4	117.2
How many hours a day doing homework?	<0.001	50.5	42.8	84.7